

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping
Monitoring Report No. 154
5-September-18 - 3-October-18

October 9, 2018

PREPARED FOR:
California American Water



CALIFORNIA
AMERICAN WATER

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GEOSCIENCE

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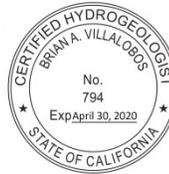
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THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



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- C Conversion of Transducer Pressure Measurements to Groundwater Elevations
- D Estimating Total Dissolved Solids from Electrical Conductivity (EC) Measurements

Note: As they become available additional data will be added to Appendices with each subsequent report

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MONTEREY PENINSULA WATER SUPPLY PROJECT

TEST SLANT WELL LONG TERM PUMPING MONITORING REPORT NO. 154 5-SEPTEMBER-18 - 3-OCTOBER-18

1.0 GENERAL

1.1 Purpose and Scope

Coastal Development Permit #A-3-MRA-14-0050 dated 8-Dec-14 granted California American Water Company (CalAm) permission for development consisting of: Construction, operation and decommissioning of a test slant well at the CEMEX sand mining facility in the City of Marina and beneath Monterey Bay in the County of Monterey. Special condition 11, "Protection of Nearby Wells", of that permit required that groundwater monitoring of a minimum of four wells on the CEMEX site within 2,000 ft of the test well and one or more offsite wells to record water and salinity levels (see Appendix A-1). Monitoring was conducted for permit compliance from April of 2015 through February 2018.

On February 28, 2018 the Coastal Development Permit (CDP) expired and pumping ceased at the Test Slant Well. California American water has elected to continue with the monitoring program for the purpose of collecting additional data of aquifer conditions during the extended non-pumping period. Monitoring of water levels and salinity will continue at the Test Slant Well and monitoring well sites during this new stage of non-pumping. The purpose of this report is to present data that reflects aquifer conditions during both Test Slant Well pumping (April 2015 through February 2018) and the on-going non-pumping periods for comparative purposes.

1.2 Monitoring Well Construction

During the period from December 2014 to March 2015, four monitoring well clusters were constructed (MW-1, MW-3, MW-4, and MW-5) with each cluster consisting of three monitoring wells completed at different depth intervals. In addition, four monitoring well clusters (MW-6, MW-8, MW-9, and MW-7) were completed on 5-Apr-15, 29-May-15, 30-Jun-15, and 9-Aug-15. An additional cluster had been planned for construction (MW-10), however, due to inaccessibility the proposed cluster was removed from the proposed monitoring network. The naming convention for the monitoring wells in each cluster is as follows: MW-1S, MW-1M and MW-1D refer to shallow, middle and deep monitoring zones, respectively, for monitoring well cluster MW-1. In addition, there are several existing wells that were

monitored for water level and salinity for several months in 2015: one well at the Monterey Regional Water Pollution Control Agency Plant (MRWPCA Well 1); and one existing well on the CEMEX property (CEMEX North Well). In addition to the constructed and existing groundwater monitoring wells, a stilling well was installed at the north end of CEMEX's dredge pond (CP-1) and was also monitored. However, the transducer installed in the dredge pond was buried in sand due to winter storms surges in December 2015. Transducer data from MRWPCA Well 1, CEMEX North Well and CP-1 are not included in this report as these locations are no longer being monitored due to environmental or access issues. Previous data and figures for these sites can be found in Test Slant Well Long Term Pumping Report No. 145 or earlier.

Table 1 summarizes general technical details of the monitoring wells and Figure 1-1 shows the monitoring well locations.

2.0 BACKGROUND OF MONITORING PROGRAM

2.1 Baseline Water Level and Water Quality Weekly Monitoring Reports

As part of the long term pumping program weekly reports containing baseline water levels and water quality data were completed. A total of seven weekly reports were produced providing data for the period: February 19, 2015 through April 22, 2015. These initial Monitoring Reports (Nos. 1 through 7), providing baseline data collected prior to the initiation of the long-term pumping test, can be found on the CalAm project website.

2.2 Test Slant Well Baseline Water Level and Quality Data

A report entitled "TECHNICAL MEMORANDUM - Monterey Peninsula Water Supply Project Baseline Water and Total Dissolved Solids Levels Test Slant Well Area" was prepared on April 20, 2015 and submitted to the Hydrogeologic Working Group (HWG) for review and concurrence. The report provided observations of the trends in water levels and water quality from the data provided weekly in the monitoring reports and included recommendations for a methodology to evaluate changes in water level and water quality trends at MW-4 series in order to comply with the conditions of Coastal Development Permit #A-3-MRA-14-0050. The report is available at: www.watersupplyproject.org

2.3 Test Slant Well Long Term Pumping Test Monitoring Reports

The long-term pumping test of the Test Slant Well commenced on April 22, 2015. In adherence with the Coastal Development Permit #A-3-MRA-14-0050 for the Test Slant Well project a second set of weekly monitoring reports were required during the pumping period from April 22, 2015 to February 28, 2018, providing water level and water quality data from the project monitoring wells. Figure 1-1 shows the location of the monitoring wells.

On June 5, 2015, the Test Slant Well was voluntarily shut off so that the HWG could evaluate regional trends in water levels and salinity. During the shut off period, the California Coastal Commission allowed for weekly maintenance pumping of 6-hours per week to maintain the Test Slant Well (TSW) in an operational condition. Long term pumping of the Test Slant Well resumed on October 27, 2015 under Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1 dated 13-Oct-15 (Appendix A-2).

In addition to the weekly reports monthly reports were prepared by the HWG for submittal to the California Coastal Commission. The focus of the reports was water level and conductivity responses in MW-4 (permit threshold well) to comply with the CDP. However, the reports summarized water level and water quality data from the Test Slant Well and entire monitoring network in addition to MW-4. Twenty-eight (28) monthly reports were prepared during the TSW pumping period, which concluded on February 28, 2018. These monthly reports are available on the CalAm project website.

The last effective date of the coastal development permit was February 28, 2018. On February 28, 2018 5:47 pm the TSW pump was turned off, concluding the MPWSP Test Slant Well Long Term Pumping Test and the required reporting period set forth by the CCC. Report No. 1 through Report No. 145 provide the weekly results of monitoring during the baseline and long-term pumping test. The reports are available on the CalAm project website. Report Nos. 146 through 154 have been issued since the TSW has been shut off. This report summarizes monitoring performed for the period September 5, 2018 through October 3, 2018 during the post-pumping period but is presented with data collected since the start of the long term pumping test. This report is the seventh monthly report prepared after completion of the long-term pumping test following biweekly Report Nos. 146 and 147. Four weeks of transducer data has been included in Appendix B.

3.0 MONITORING PROGRAM DURING CURRENT NON-PUMPING PERIOD

Since turning off the Test Slant Well pump at the end of February 2018 and ending the Long Term Test, CalAm has voluntarily elected to continue the monitoring program and issuing monitoring reports to compare water level and water quality trends during pumping and non-pumping periods. The

March 2018 monitoring reports were issued as biweekly (every two weeks) and provided an additional 14 days of data. Going forward, beginning with Report No. 148, four weeks of data will be presented in each report. This report covers the period September 5, 2018 through October 3, 2018. The post pumping reports will be available on the project website.

3.1 Water Levels

All downloaded pressure transducer data as well as specific conductivity (EC) during the monitoring period are included in Appendix B. Appendix B data is cumulative and only the appended data will be printed in this report or in subsequent monthly monitoring reports. Figures 2-1 to 2-8 show graphical plots of groundwater elevations for the eight monitoring well clusters (MW-1, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, and MW-9). Figures 3-1 through 3-8 show corresponding graphical plots of the specific conductivity for the above-mentioned wells. Figures 2-9a and 3-9a show the water level and conductivity for the TSW respectively since the TSW was shut-off. For comparison of water levels and conductivity during long-term testing and the current non-pumping period, Figures 2-9b and 3-9b show water levels and specific conductivity, respectively, from April 2015. A summary of the method used to convert transducer pressure measurements to groundwater elevations can be found in Appendix C.

3.2 Test Slant Well Water Quality

Groundwater quality samples were collected from the Test Slant Well on April 8, 2015, prior to initiation of the long term pumping operations, on April 29, 2015, weekly during the Month of May and on June 3, 2015. A summary of the water quality laboratory results from the Test Slant Well are included in Table 2. Since October 27, 2015, water quality data had been collected weekly on average while the well was in operation and the data are presented in Table 2. TSW water quality samples will not be collected during the current non-pumping period (after February 28, 2018) since the well is off. However, electrical conductivity measurements from a downhole transducer in the TSW will be reported in subsequent reports.

3.2.1 Specific Conductivity in the Test Slant Well

During Test Slant Well pumping periods between the start of the Long Term Pumping Test on April 22, 2015 until the completion of the test on February 28, 2018 specific conductivity of the well discharge was monitored for analytical and permit compliance purposes using water quality field instruments (Horiba U-50 or YSI Pro Plus) installed along the TSW discharge line. These EC readings represent a mixed water sample from the TSW screens which span both the shallow Dune Sand Aquifer and 180 FTE. Specific conductance during non-pumping periods has been continuously recorded using

a data logger (In Situ Aqua TROLL 200) installed inside the TSW at a lineal depth of 305 ft bgs MD (lineal feet at 19 degrees from ground surface) above the submersible pump. The EC data recorded by this instrument represents a depth specific sample of water column during non-pumping conditions. Beginning in Monitoring Report No. 146 conductivity during pumping and non-pumping periods is presented in Figure 3-9a and 3-9b. Figure 3-9a provides a plot of conductivity with primary focus during the current non-pumping period while Figure 3-9b, for comparison provides a plot of conductivity for the entire study period beginning in April 2015. A summary of the method used to estimate total dissolved solids from electrical conductivity (EC) measurements can be found in Appendix D.

3.3 Monitoring Well Water Quality

Groundwater quality samples were collected from the MPWSP monitoring wells in April, 2018, following the completion of the Test Slant Well Long Term Pumping Test on February 28, 2018. Semiannual (twice a year) samples are planned to be collected from the monitoring wells through 2019 during the period of TSW non-pumping. The second set of semiannual samples will be collected on October 8 to 12, 2018. The first semiannual sample set was collected from April 23 to 26, 2018. A summary of the water quality laboratory results were first reported as part of Table 3 in Monitoring Report No. 149. Subsequent Monitoring Reports will continue to show the laboratory results in Table 3 along with the addition of monitoring well water quality results as samples are collected in the future.

Samples are also collected from the MW-4 monitoring wells quarterly. A summary of the water quality laboratory results for the MW-4 monitoring wells quarterly sampling events, since the conclusion of the Long Term Pumping Test, completed on April 27, 2018, July 25, 2018, and October 11 to 12, 2018 are reported in Table 3. Specific conductivity and TDS results from quarterly sampling of the MW-4 monitoring wells taken during the Long Term Pumping Test were reported in Table 2 of the MPWSP Test Slant Well Long Term Pumping Monthly Monitoring Reports. Table 2 in the final Monthly Monitoring Report 28 contains the full record of specific conductance and TDS for the MW-4 monitoring wells sampling for the duration of the Long Term Pumping Test, from April 22, 2015 to February 28, 2018.

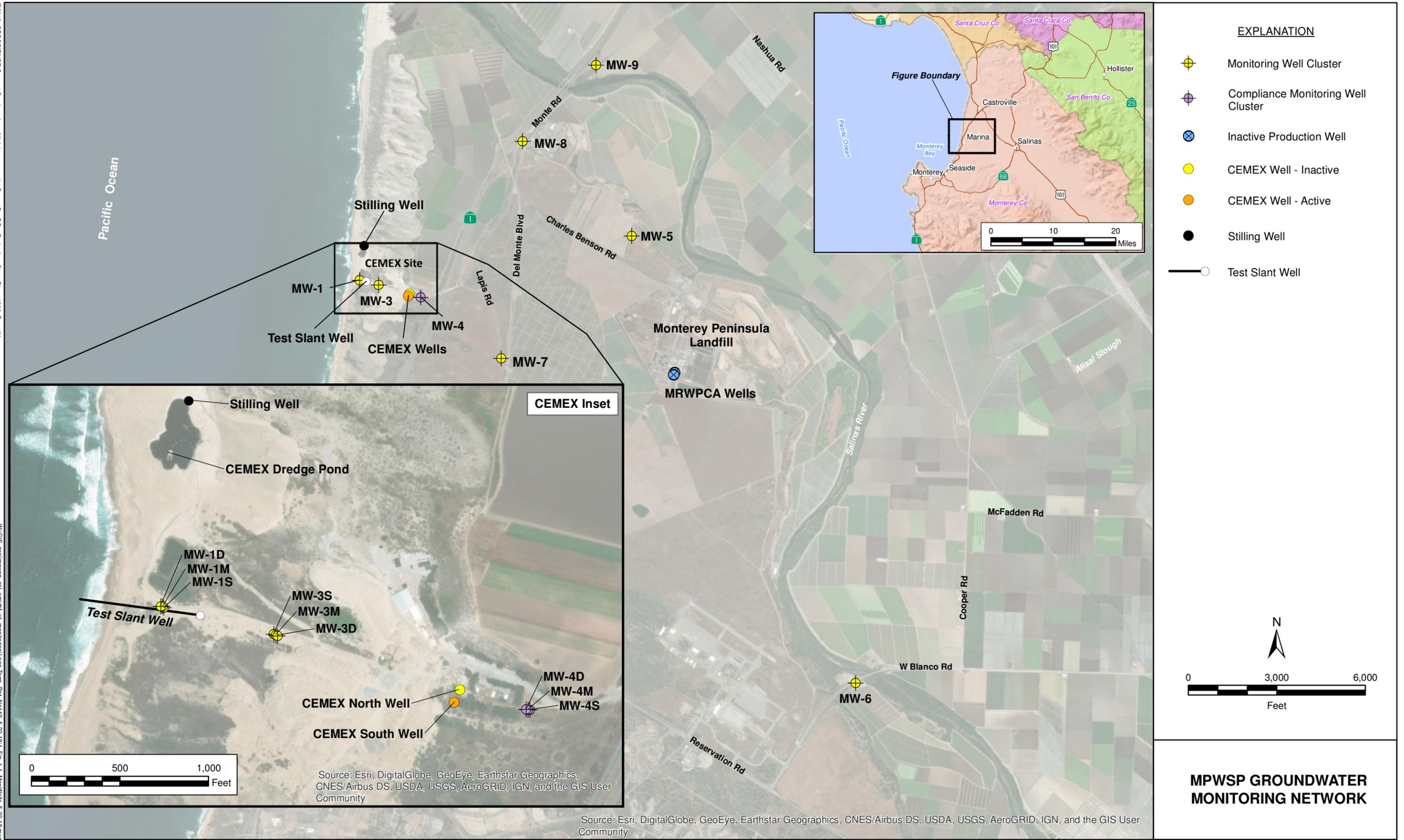
Laboratory water quality results will be posted in future monitoring reports as they become available.

3.4 Periodic Pumping for Well Maintenance

On February 28, 2018 the Test Slant Well pump was turned off, concluding the Long Term Pumping Test. Going forward maintenance pumping of the Test Slant Well will be performed on an approximately monthly basis. The purpose of this short-term pumping is to preserve the pump and to circulate water through the well screen to help prevent biological growth and encrustation that may form during

stagnant conditions. These periods of temporary pumping are summarized in the table in Figure 2-9a and Figure 3-9a.

FIGURES



Groundwater Elevation in MPWSP MW-1

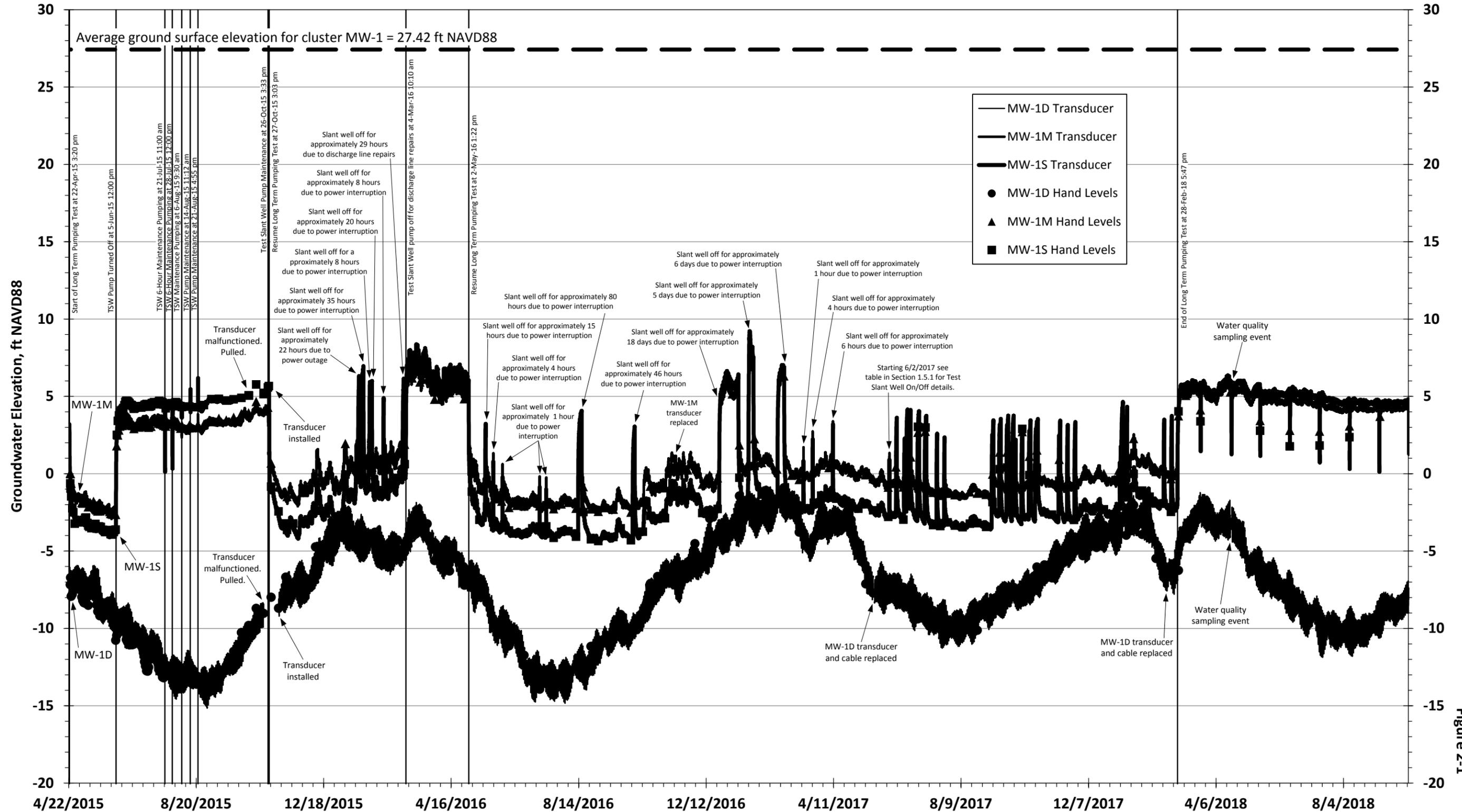


Figure 2-1

Groundwater Elevation in MPWSP MW-3

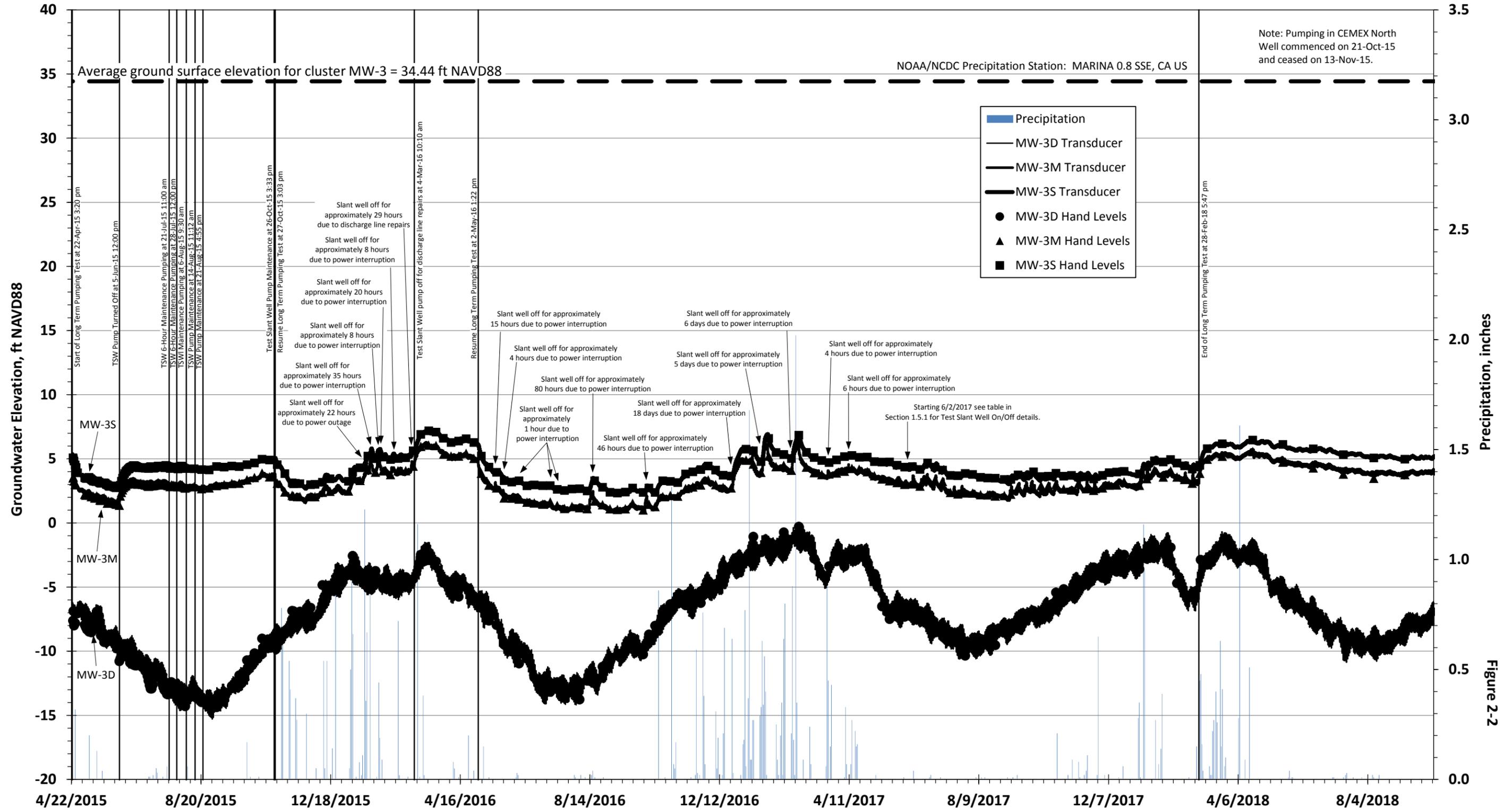


Figure 2-2

Groundwater Elevation in MPWSP MW-4

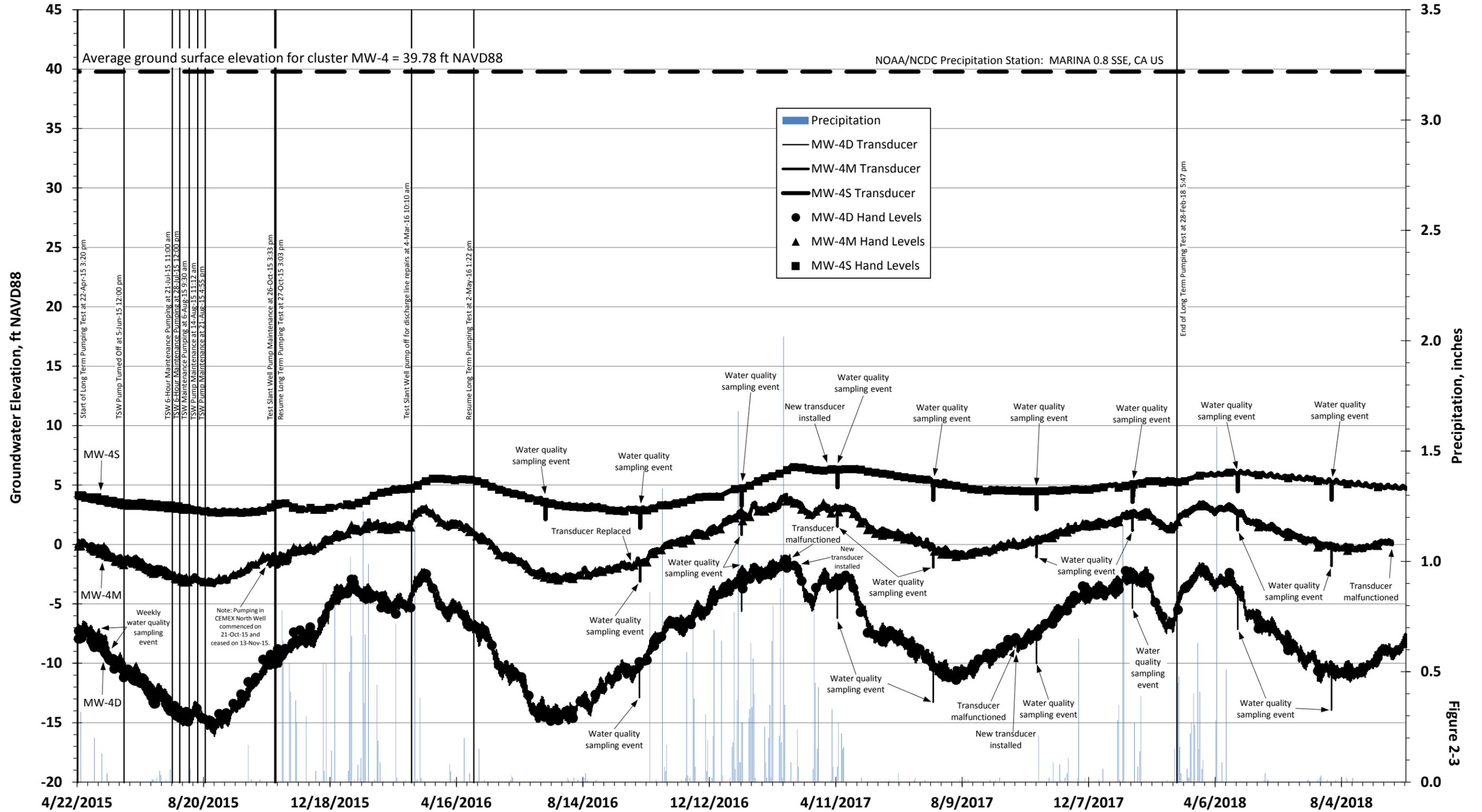


Figure 2-3

Groundwater Elevation in MPWSP MW-5

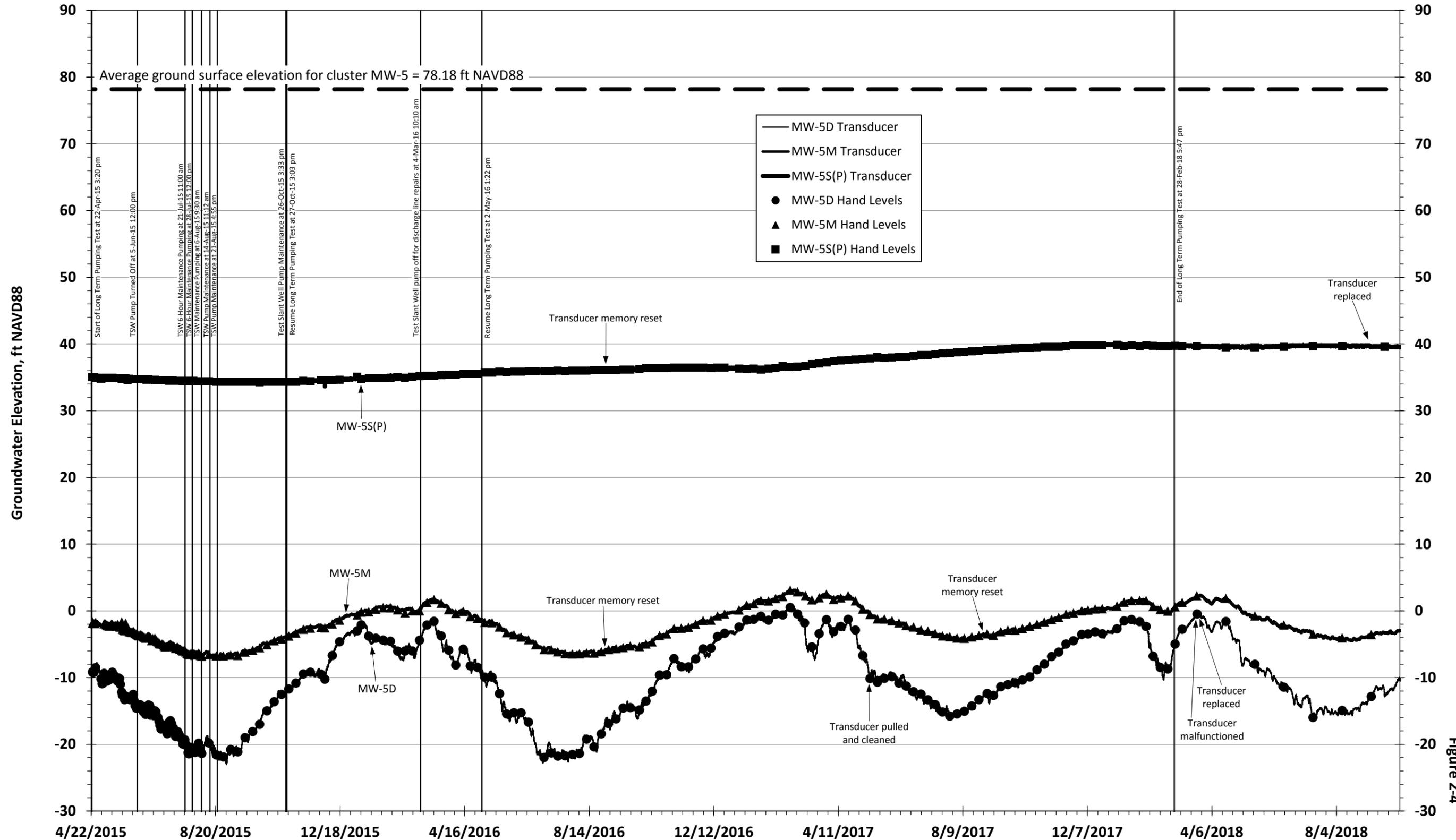


Figure 2-4

Groundwater Elevation in MPWSP MW-6

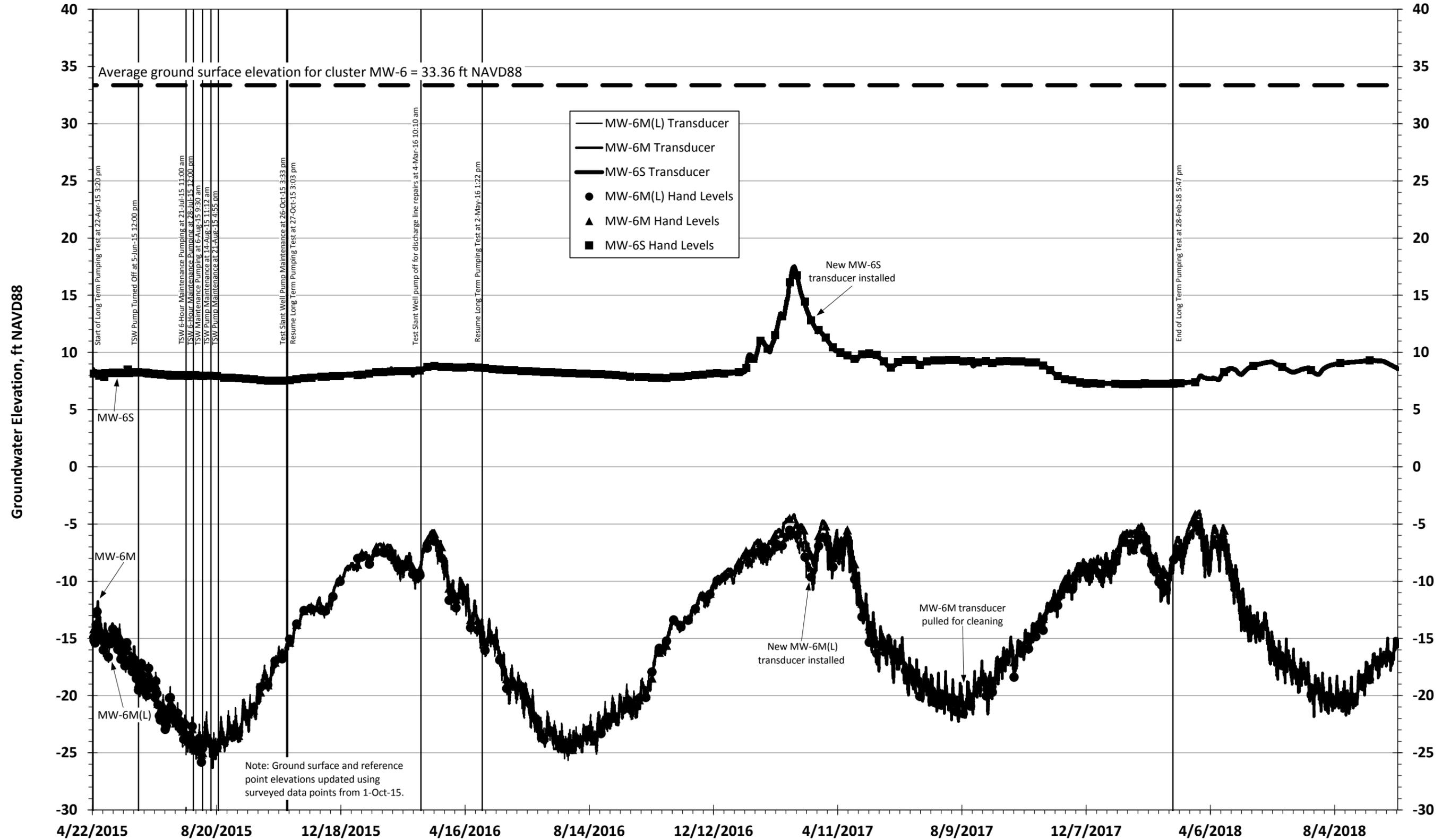


Figure 2-5

Groundwater Elevation in MPWSP MW-7

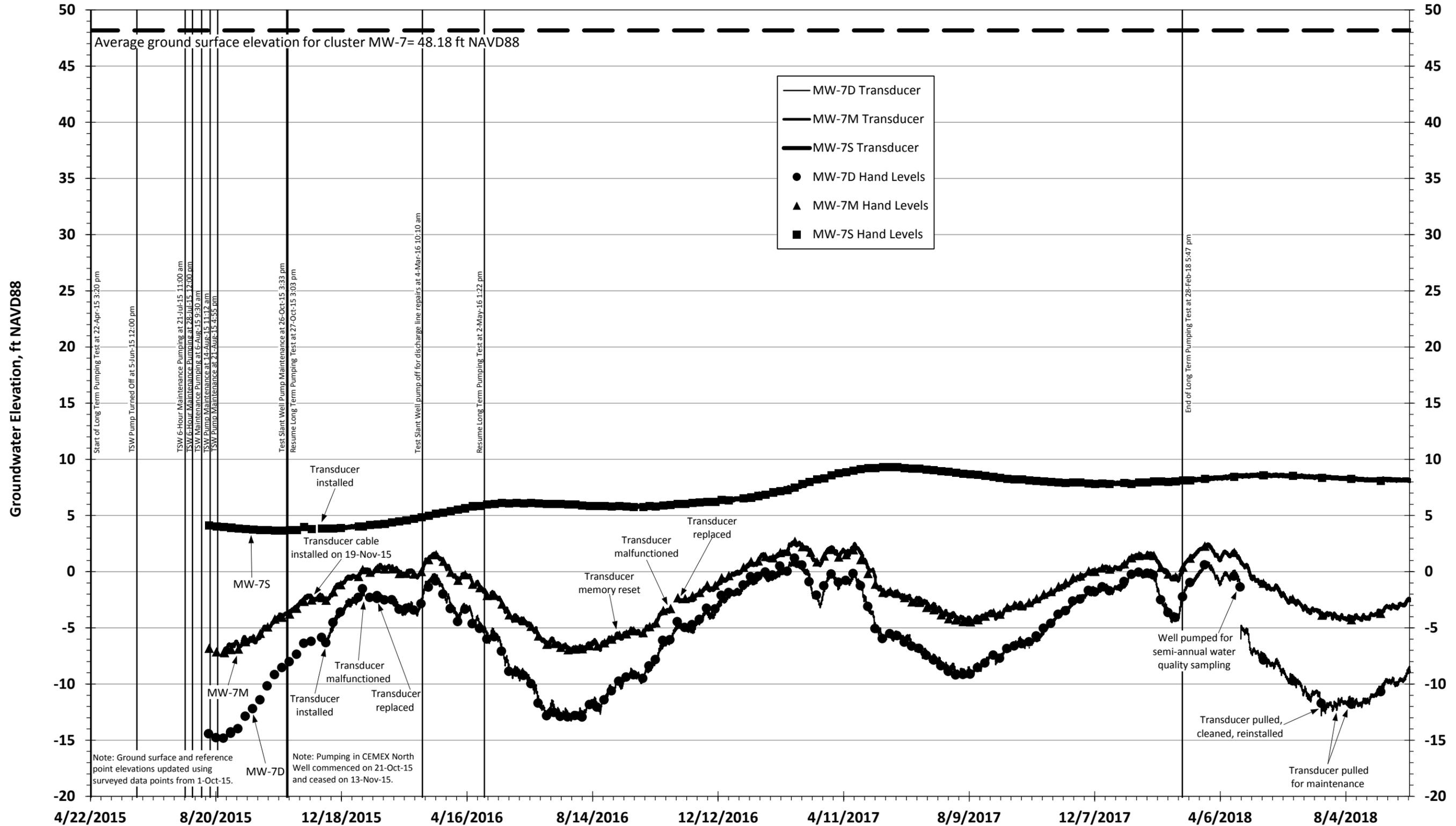


Figure 2-6

Groundwater Elevation in MPWSP MW-8

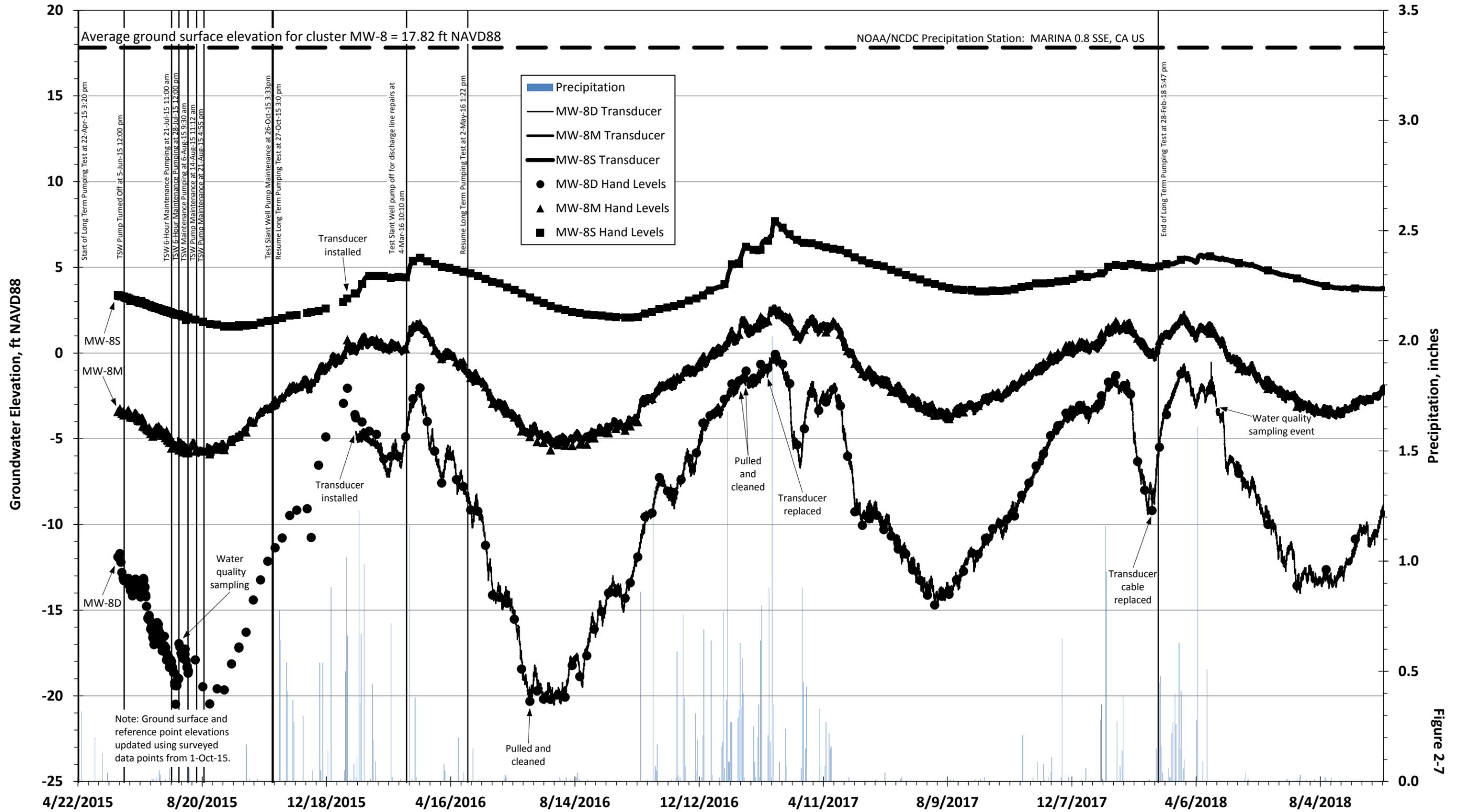


Figure 2-7

Groundwater Elevation in MPWSP MW-9

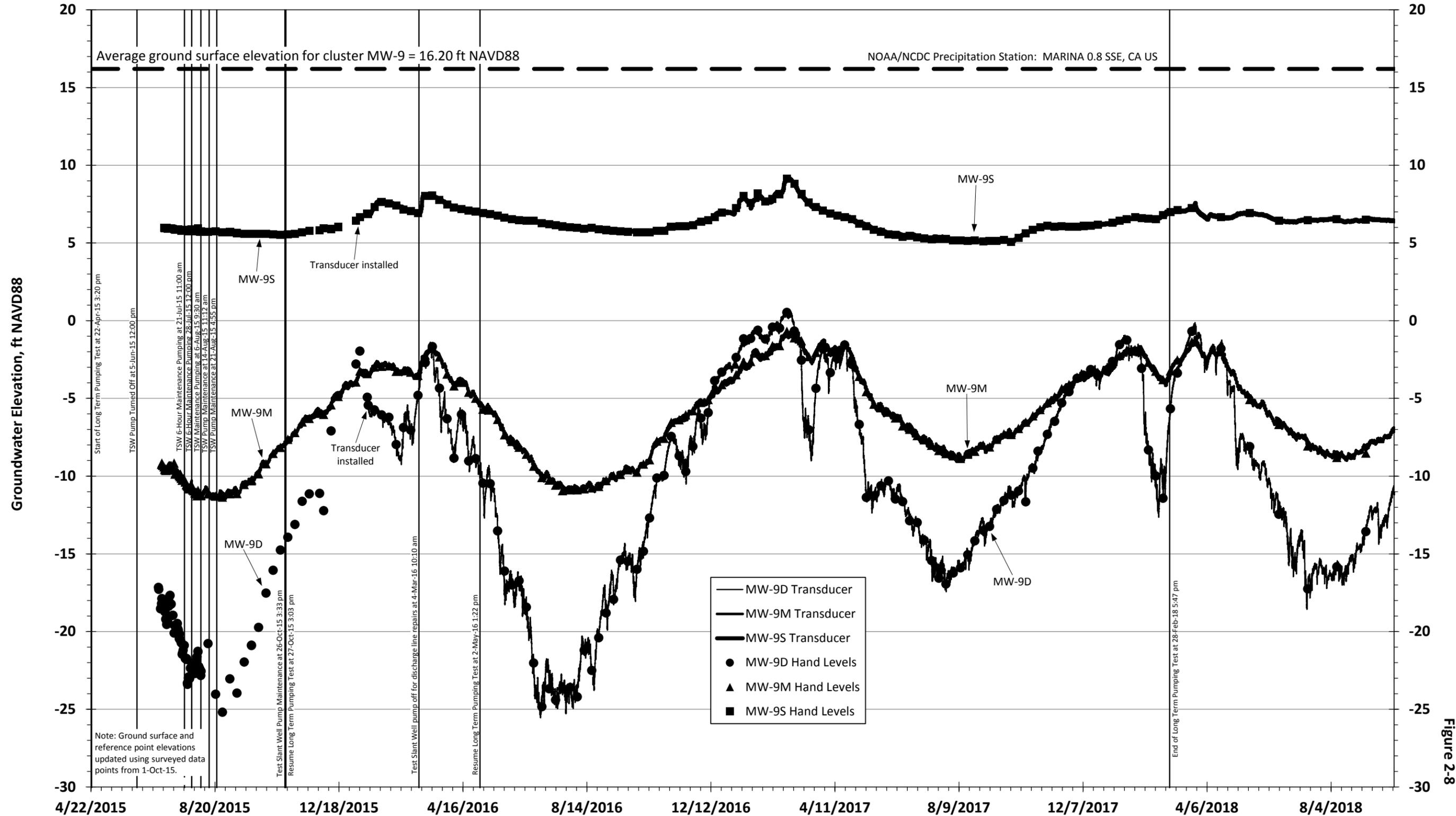


Figure 2-8

Groundwater Elevation in MPWSP Test Slant Well

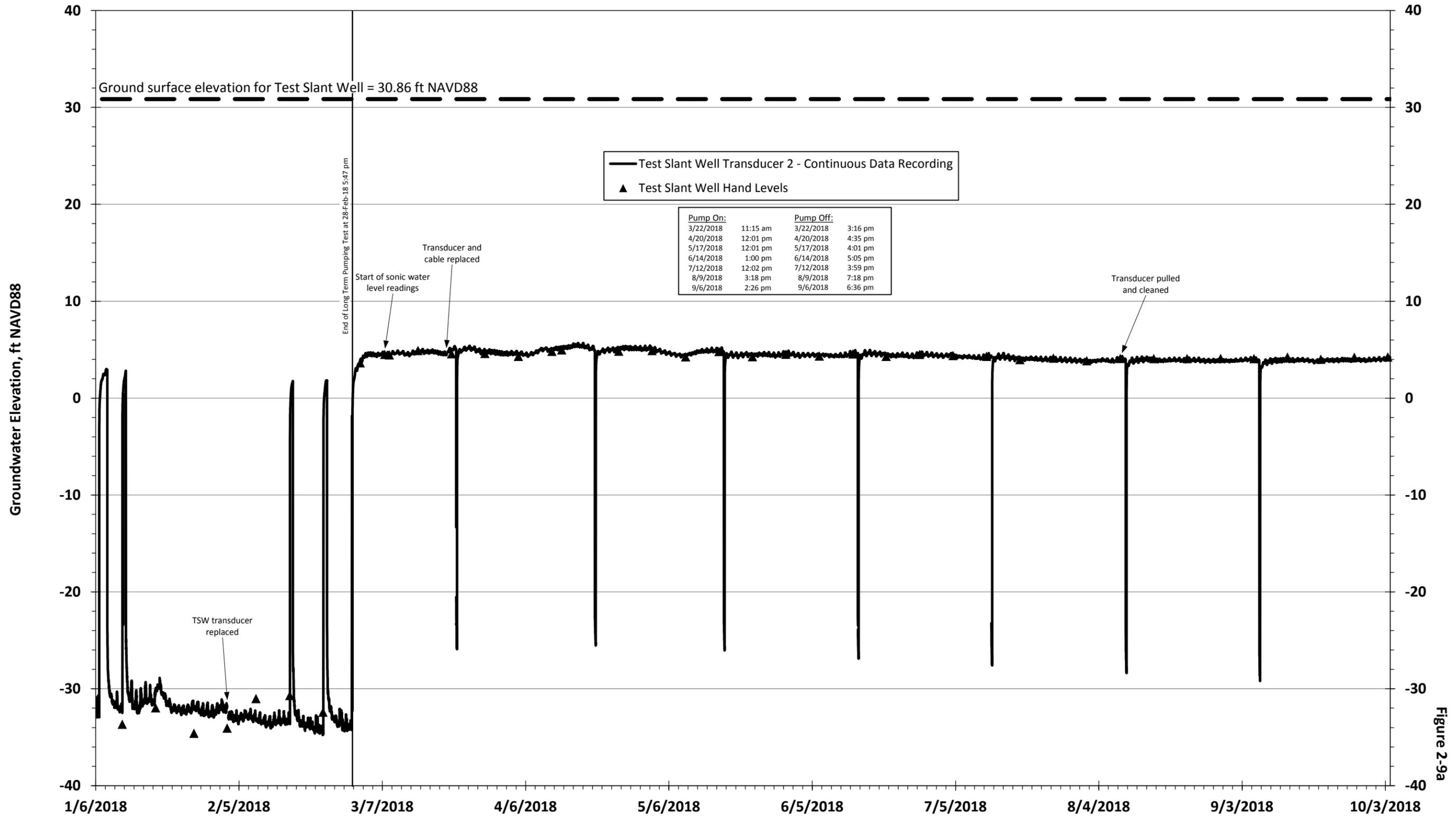


Figure 2-9a

Groundwater Elevation in MPWSP Test Slant Well During and After Long-Term Pumping Test

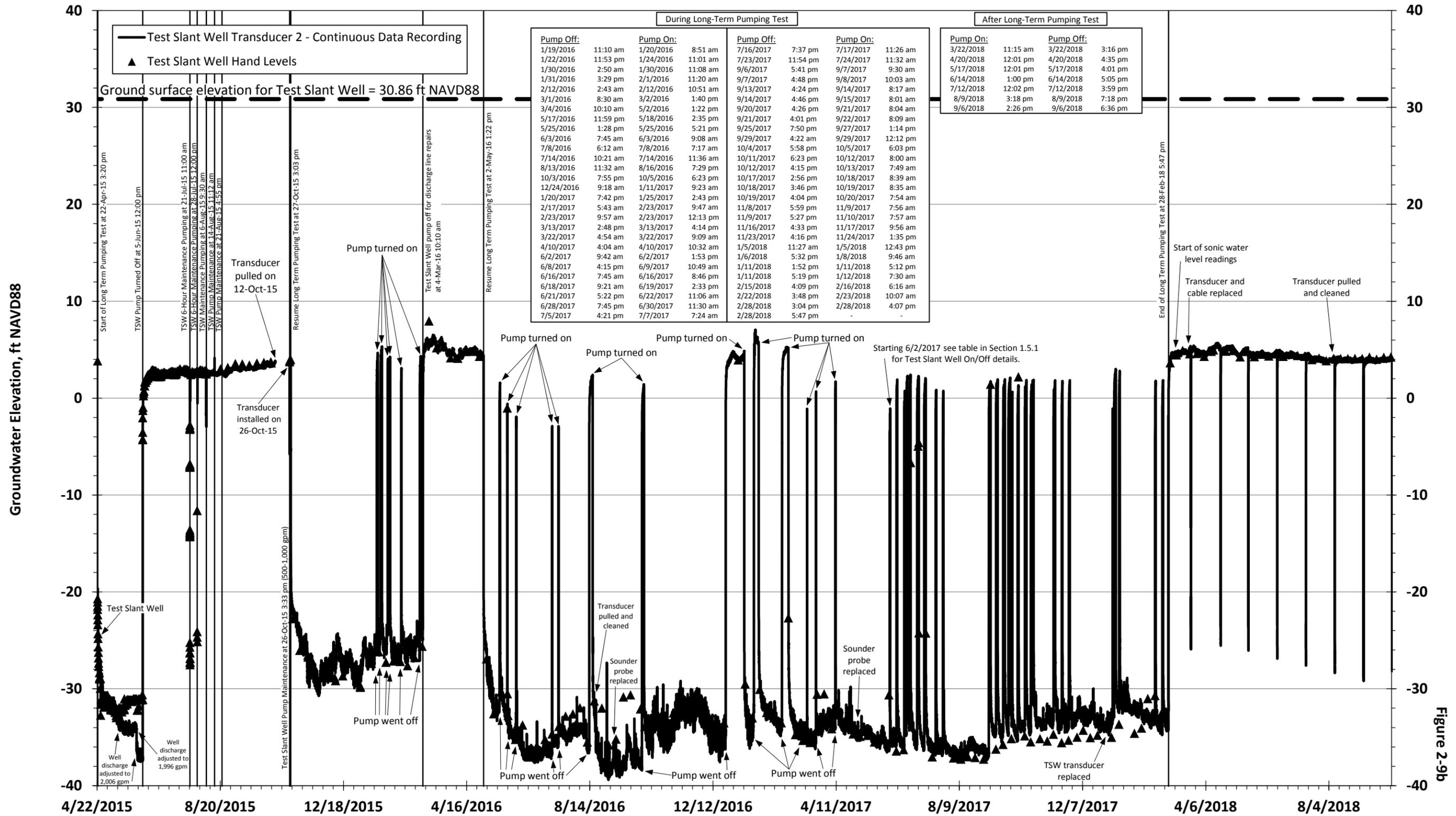


Figure 2-9b

Specific Conductivity in MPWSP MW-3

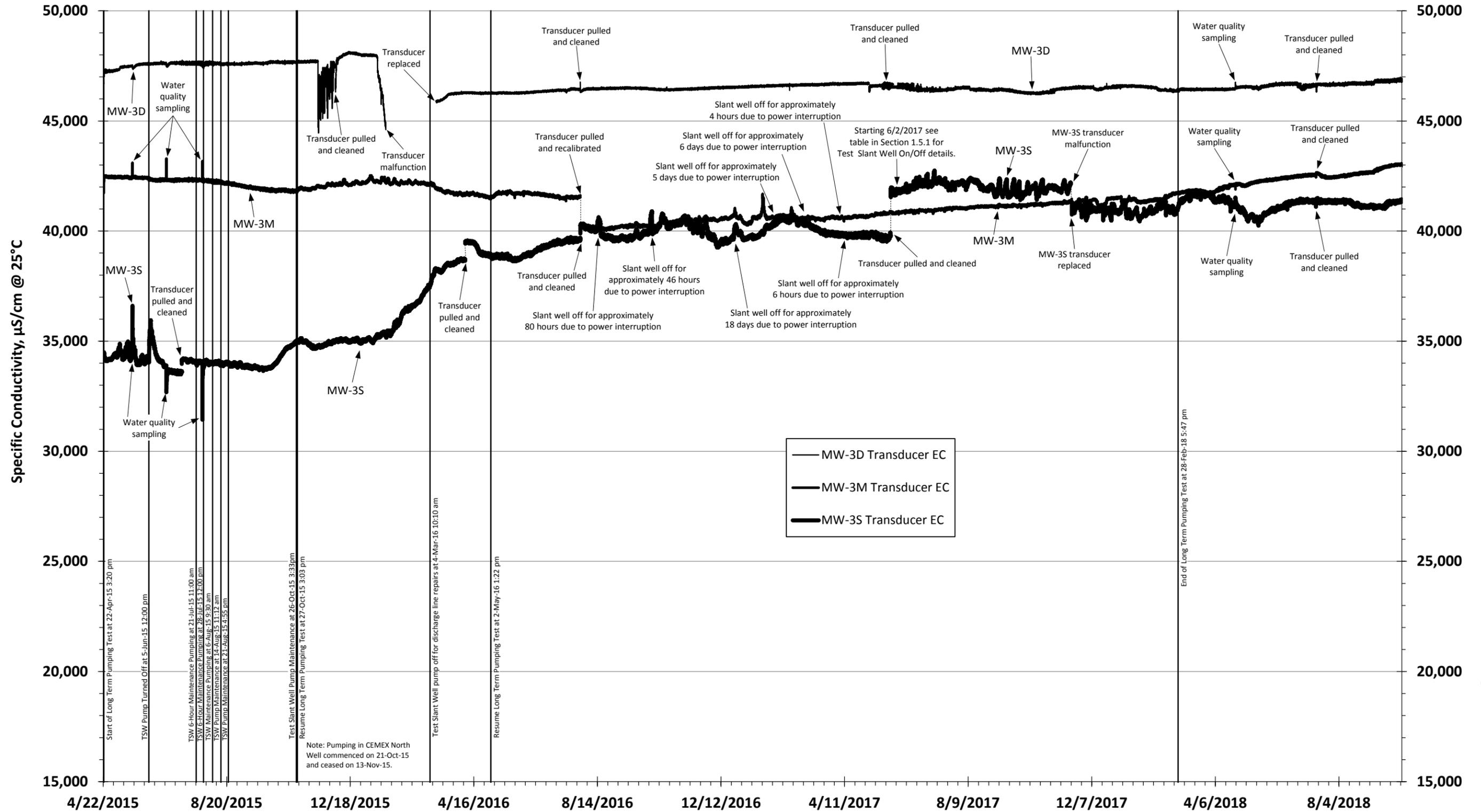


Figure 3-2

Specific Conductivity in MPWSP MW-4

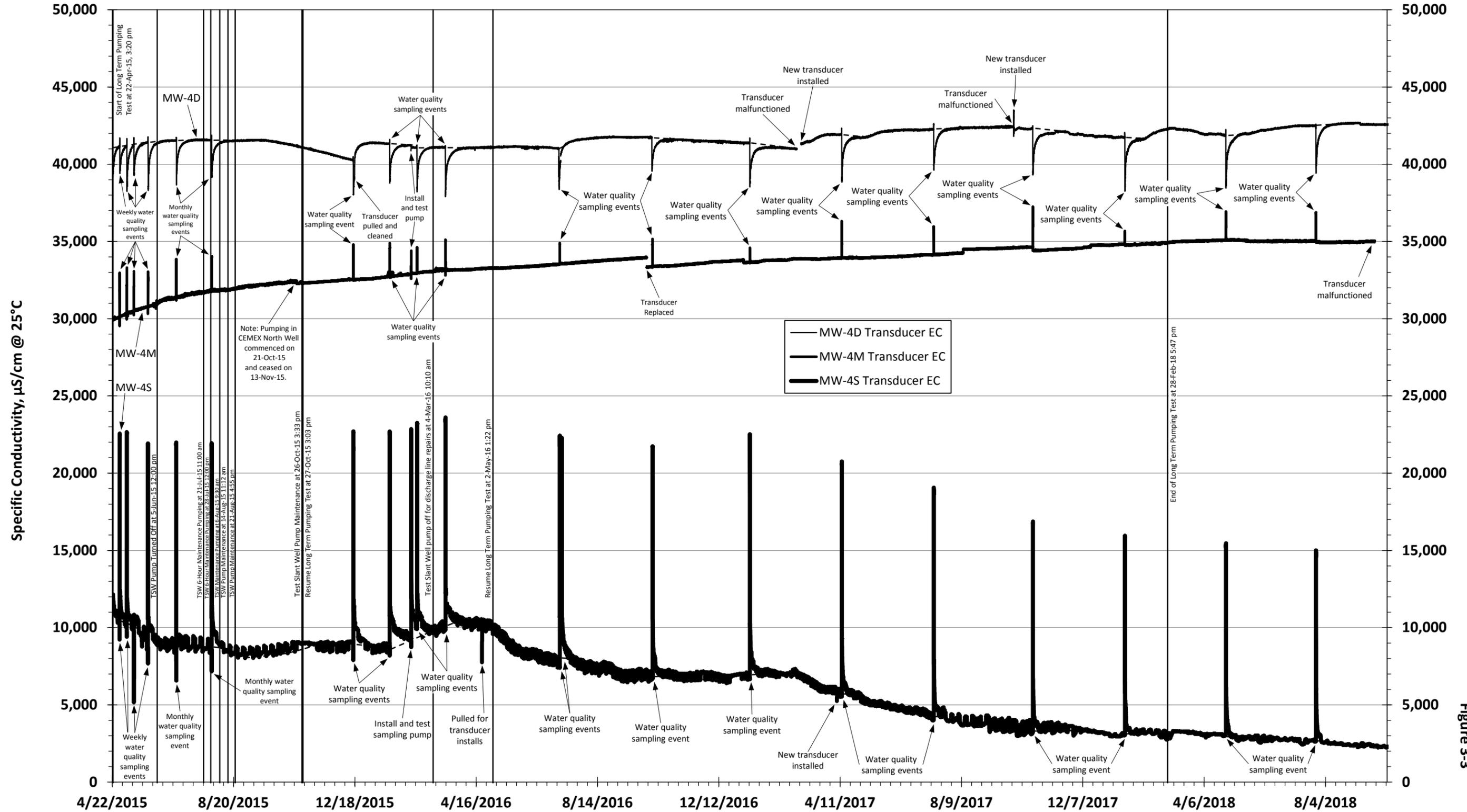


Figure 3-3

Specific Conductivity in MPWSP MW-5

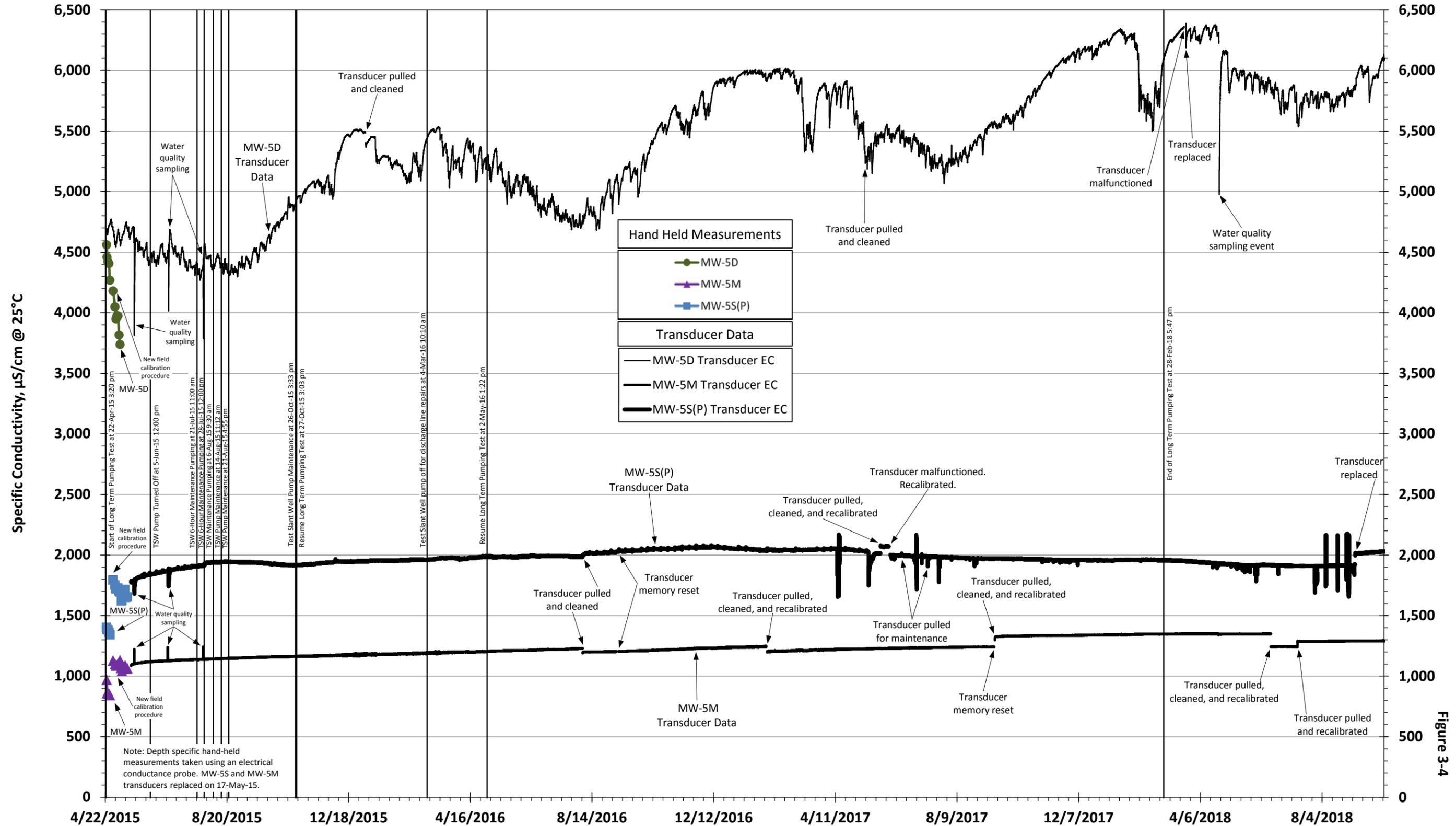


Figure 3-4

Specific Conductivity in MPWSP MW-6

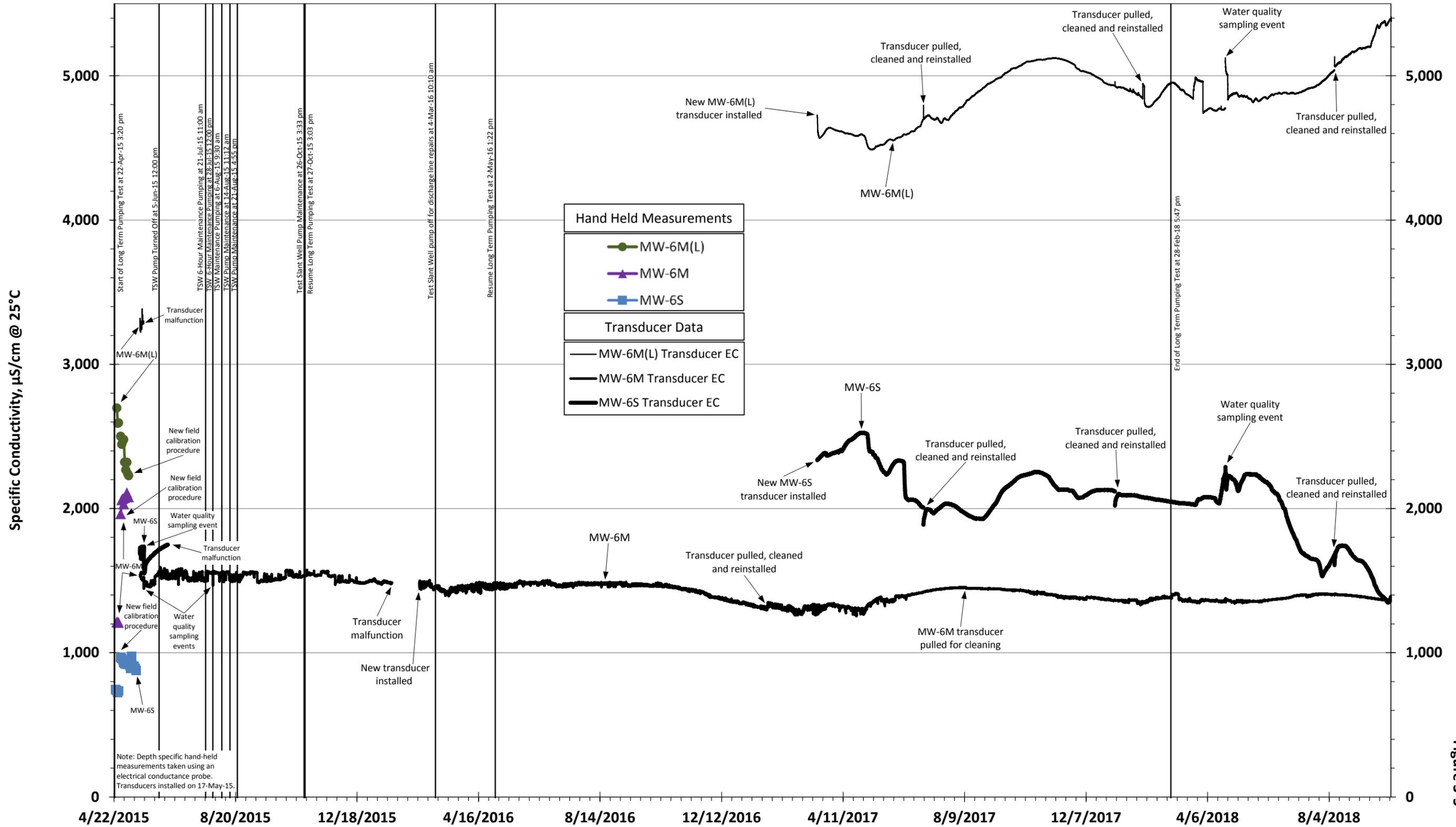


Figure 3-5

Specific Conductivity in MPWSP MW-7

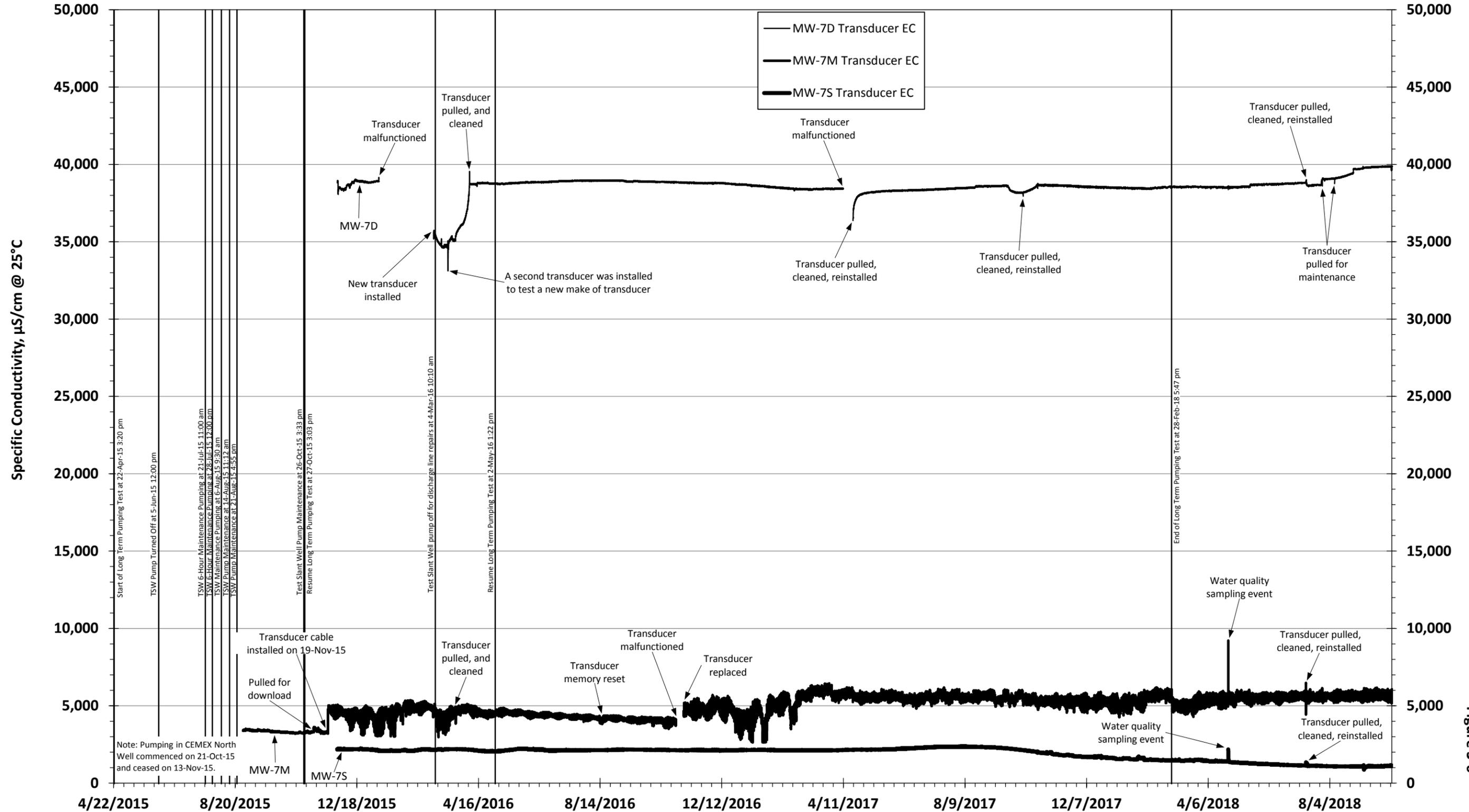


Figure 3-6

Specific Conductivity in MPWSP MW-8

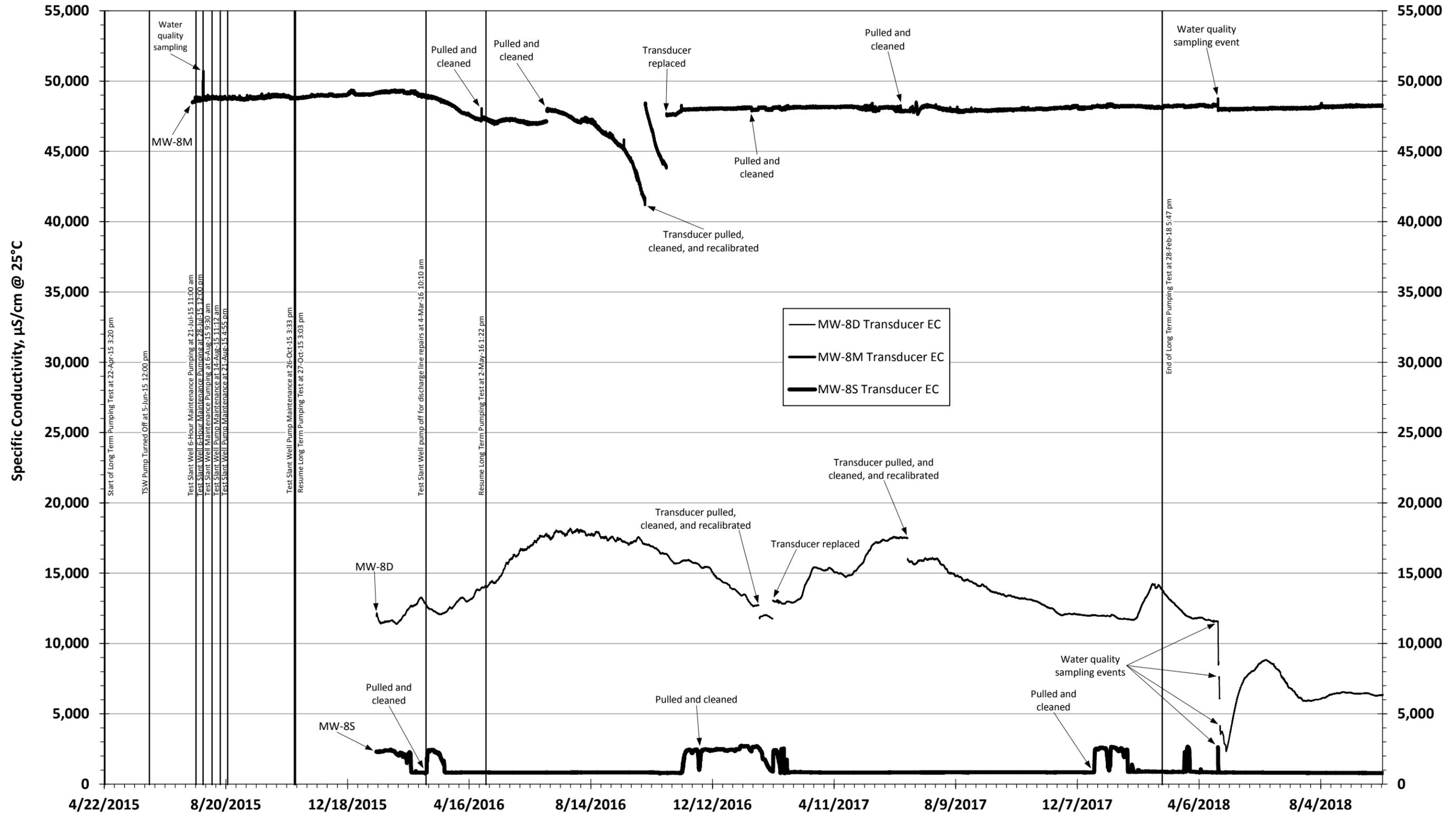


Figure 3-7

Specific Conductivity in MPWSP MW-9

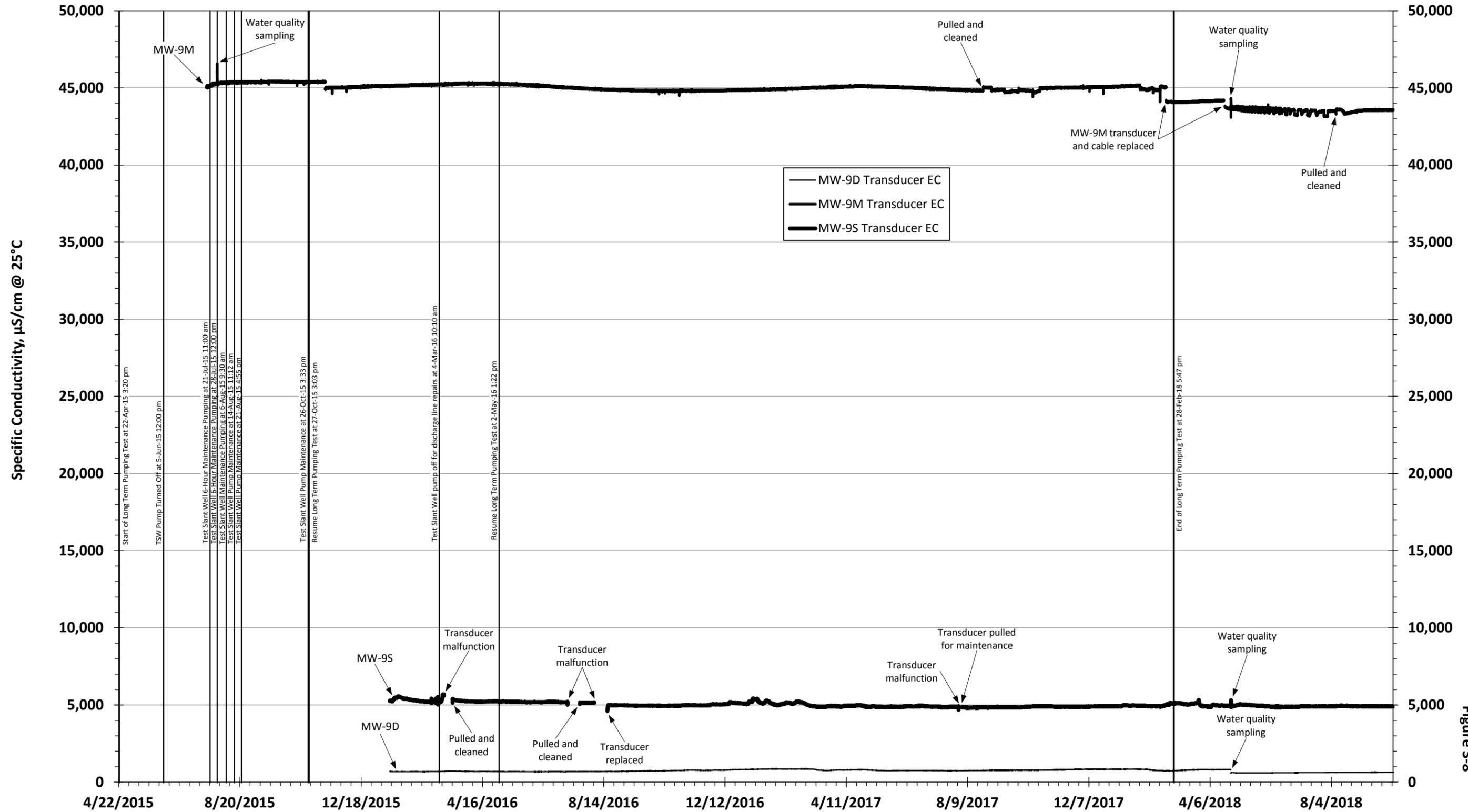
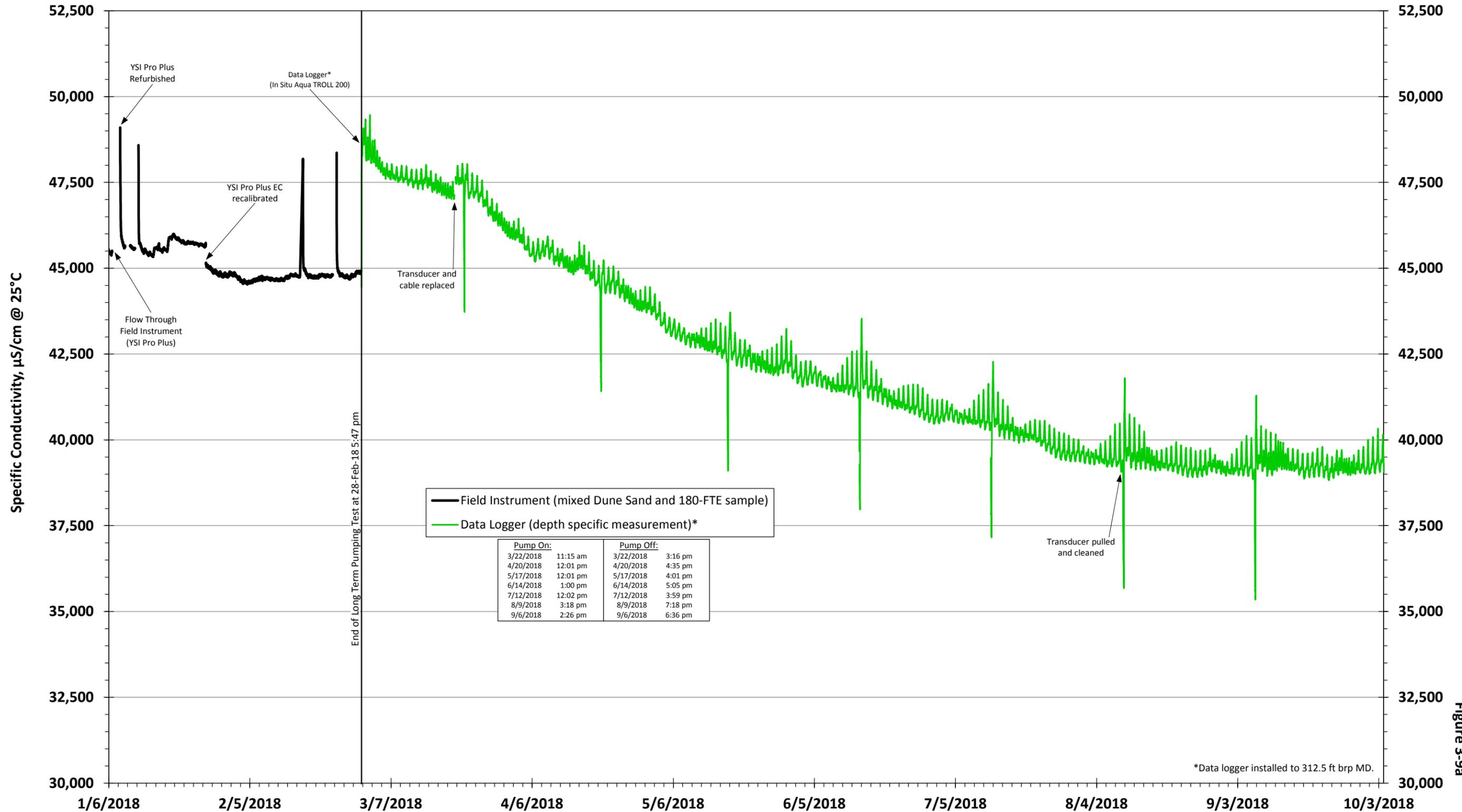


Figure 3-8

Specific Conductivity in MPWSP Test Slant Well



*Data logger installed to 312.5 ft brp MD.

Figure 3-9a

Specific Conductivity in MPWSP Test Slant Well During and After Long-Term Pumping Test

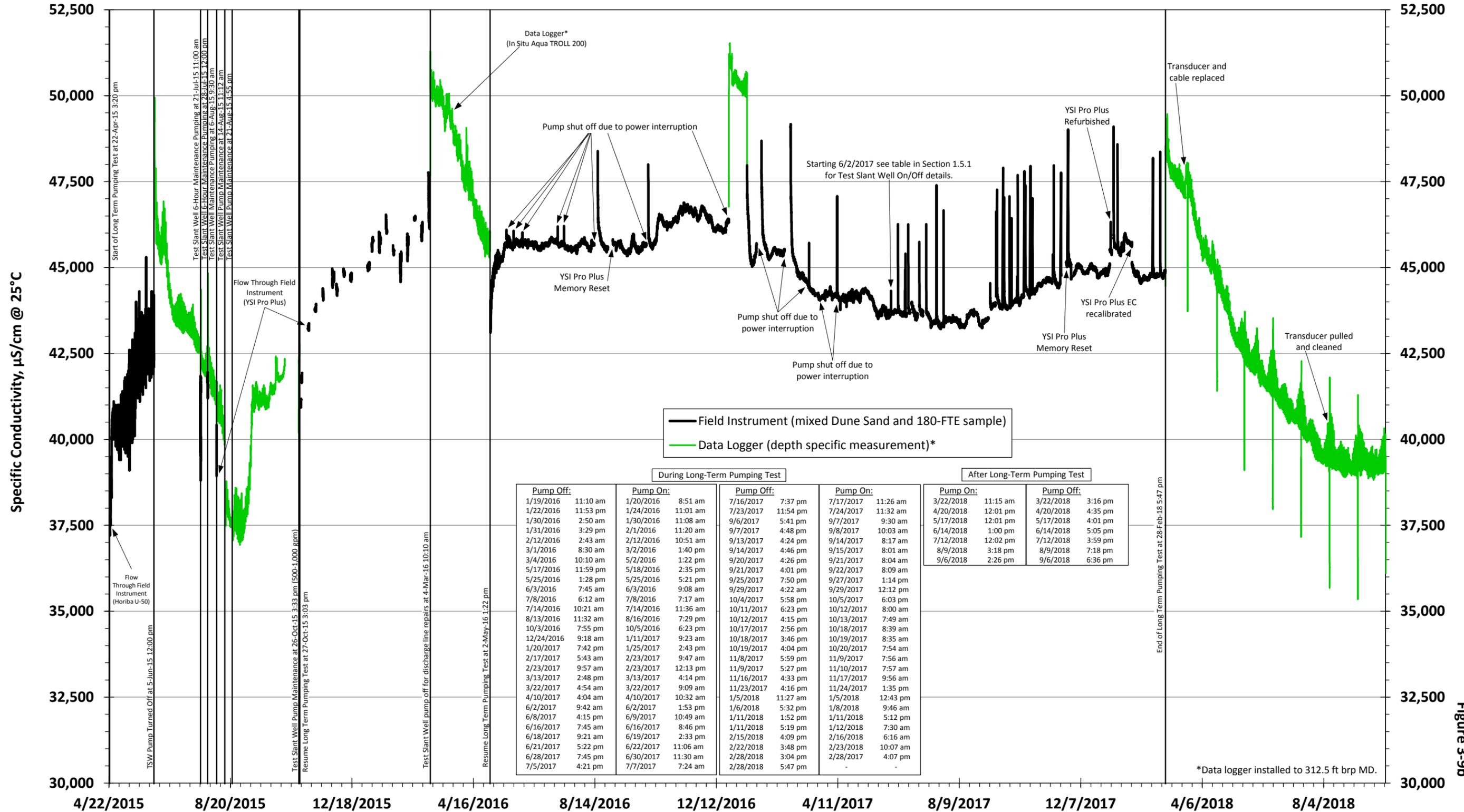


Figure 3-9b

TABLES

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Table 1: Well Information Table

| State Plane Coordinates | | | | | | | | | | | | | |
|-------------------------------|---------|-----------------------------|--------------|--------------|------------------------|-------------------------|--|--------------------------------------|---|--|-------------|-------------------------|---------------------|
| Well Name | Cluster | Reference Point (RP) | Northing | Easting | RP Elevation ft NAVD88 | RP Height (ft above GS) | Distance of RP from Slant Well Head (ft) | Top of Screen Interval (ft below GS) | Bottom of Screen Interval (ft below GS) | Transducer Installed Depth (ft below RP) | Survey Date | Data Logging Start Date | Data Collected |
| MW-1S | MW-1 | Top of ABS Transducer Mount | 2,154,745.35 | 5,739,355.82 | 30.51 ¹ | 2.65 ¹ | 211 | 55 | 95 | 76 | 26-Mar-15 | 19-Feb-15 | Level, Conductivity |
| MW-1M | MW-1 | Top of ABS Transducer Mount | 2,154,751.93 | 5,739,347.94 | 29.86 | 2.48 | 220 | 115 | 225 | 182 | 26-Mar-15 | 19-Feb-15 | Level, Conductivity |
| MW-1D | MW-1 | Top of ABS Transducer Mount | 2,154,753.60 | 5,739,337.98 | 29.68 ¹ | 2.65 ¹ | 230 | 277 | 327 | 309 | 26-Mar-15 | 19-Feb-15 | Level, Conductivity |
| MW-3S | MW-3 | Top of ABS Transducer Mount | 2,154,599.85 | 5,739,977.02 | 37.16 | 2.66 | 428 | 50 | 90 | 76 | 26-Mar-15 | 4-Mar-15 | Level, Conductivity |
| MW-3M | MW-3 | Top of ABS Transducer Mount | 2,154,592.96 | 5,739,988.54 | 37.35 | 2.73 | 441 | 105 | 215 | 182 | 26-Mar-15 | 4-Mar-15 | Level, Conductivity |
| MW-3D | MW-3 | Top of ABS Transducer Mount | 2,154,589.81 | 5,739,998.68 | 36.93 | 2.74 | 451 | 285 | 330 | 321 | 26-Mar-15 | 4-Mar-15 | Level, Conductivity |
| MW-4S | MW-4 | Top of ABS Transducer Mount | 2,154,170.90 | 5,741,427.62 | 41.96 | 2.26 | 1,940 | 60 | 100 | 66 | 26-Mar-15 | 9-Mar-15 | Level, Conductivity |
| MW-4M | MW-4 | Top of ABS Transducer Mount | 2,154,172.79 | 5,741,416.78 | 41.99 | 2.15 | 1,929 | 130 | 260 | 208 | 26-Mar-15 | 9-Mar-15 | Level, Conductivity |
| MW-4D | MW-4 | Top of ABS Transducer Mount | 2,154,174.30 | 5,741,406.08 | 41.95 | 2.15 | 1,918 | 290 | 330 | 317 | 26-Mar-15 | 20-Feb-15 | Level, Conductivity |
| MW-5S(P) | MW-5 | Top of ABS Transducer Mount | 2,156,239.19 | 5,748,566.86 | 80.25 ¹ | 2.20 ¹ | 9,135 | 43 | 83 | 71 | 26-Mar-15 | 10-Mar-15 | Level, Conductivity |
| MW-5M | MW-5 | Top of ABS Transducer Mount | 2,156,230.38 | 5,748,564.26 | 80.48 ¹ | 2.31 ¹ | 9,131 | 100 | 310 | 171 | 26-Mar-15 | 10-Mar-15 | Level, Conductivity |
| MW-5D | MW-5 | Top of ABS Transducer Mount | 2,156,220.77 | 5,748,560.95 | 80.06 | 1.97 | 9,126 | 395 | 435 | 417 | 26-Mar-15 | 19-Feb-15 | Level, Conductivity |
| MW-6S | MW-6 | Top of ABS Transducer Mount | 2,141,142.87 | 5,756,164.01 | 35.89 | 2.45 ¹ | 21,436 | 30 | 60 | 54 | 1-Oct-15 | 22-Apr-15 | Level, Conductivity |
| MW-6M | MW-6 | Top of ABS Transducer Mount | 2,141,138.40 | 5,756,154.35 | 35.68 | 2.44 ¹ | 21,431 | 150 | 210 | 184 | 1-Oct-15 | 22-Apr-15 | Level, Conductivity |
| MW-6M(L) | MW-6 | Top of ABS Transducer Mount | 2,141,133.06 | 5,756,144.94 | 35.82 | 2.42 ¹ | 21,427 | 255 | 325 | 315 | 1-Oct-15 | 22-Apr-15 | Level, Conductivity |
| MW-7S | MW-7 | Top of ABS Transducer Mount | 2,152,099.25 | 5,744,148.10 | 50.64 | 2.06 | 5,274 | 60 | 80 | 72 | 1-Oct-15 | 13-Aug-15 | Level, Conductivity |
| MW-7M | MW-7 | Top of ABS Transducer Mount | 2,152,110.46 | 5,744,146.08 | 50.29 | 2.09 | 5,266 | 130 | 220 | 187 | 1-Oct-15 | 13-Aug-15 | Level, Conductivity |
| MW-7D | MW-7 | Top of ABS Transducer Mount | 2,152,120.50 | 5,744,144.38 | 50.24 | 2.24 | 5,260 | 295 | 345 | 322 | 1-Oct-15 | 13-Aug-15 | Level, Conductivity |
| MW-8S | MW-8 | Top of ABS Transducer Mount | 2,159,440.33 | 5,744,871.52 | 19.96 | 2.14 ³ | 7,116 | 40 | 80 | 61 | 1-Oct-15 | 30-May-15 | Level, Conductivity |
| MW-8M | MW-8 | Top of ABS Transducer Mount | 2,159,430.86 | 5,744,866.05 | 19.99 | 2.17 ² | 7,106 | 125 | 215 | 181 | 1-Oct-15 | 30-May-15 | Level, Conductivity |
| MW-8D | MW-8 | Top of ABS Transducer Mount | 2,159,421.47 | 5,744,861.04 | 20.08 | 2.10 ³ | 7,096 | 300 | 350 | 326 | 1-Oct-15 | 30-May-15 | Level, Conductivity |
| MW-9S | MW-9 | Top of ABS Transducer Mount | 2,162,010.77 | 5,747,345.03 | 18.42 | 2.16 ³ | 10,677 | 30 | 110 | 71 | 1-Oct-15 | 1-Jul-15 | Level, Conductivity |
| MW-9M | MW-9 | Top of ABS Transducer Mount | 2,162,016.58 | 5,747,353.64 | 18.32 | 2.13 ² | 10,687 | 145 | 225 | 182 | 1-Oct-15 | 29-Jun-15 | Level, Conductivity |
| MW-9D | MW-9 | Top of ABS Transducer Mount | 2,162,022.89 | 5,747,362.25 | 18.32 | 2.15 ³ | 10,697 | 353 | 393 | 377 | 1-Oct-15 | 26-Jun-15 | Level, Conductivity |
| Well No. 1 ⁴ | MRWPCA | Well Cover | 2,151,622.14 | 5,750,015.59 | 114 ft amsl (GS) | 1.60 | 10,898 | 260 | 340 | 299 | - | 19-Feb-15 | Level, Conductivity |
| Well No. 2 ⁴ | MRWPCA | Well Cover | 2,151,550.18 | 5,749,987.41 | 115 ft amsl (GS) | 1.65 | 10,892 | 260 | 340 | 319 | - | 19-Feb-15 | Level, Conductivity |
| CEMEX Dredge Pond | CEMEX | Top of ABS Transducer Mount | 2,155,912.41 | 5,739,497.26 | 14.14 | 8.92 [*] | 1,212 | - | - | - | 26-Mar-15 | 8-Mar-15 | Level, Conductivity |
| Test Slant Well | CEMEX | Near Ground Surface | 2,154,702.56 | 5,739,561.92 | 30.86 | 0 | 0 | 46 ^{**} | 231 ^{**} | 305MD | 26-Mar-15 | 1-Apr-15 | Level, Conductivity |
| CEMEX North Well | CEMEX | Well Cover | 2,154,284.48 | 5,741,032.07 | 39.20 | 0.25 | 1,529 | 244 | 481 | 150 | 1-Oct-15 | 1-Apr-15 | Level, Conductivity |
| CEMEX South Well ⁴ | CEMEX | Ground Surface | 2,154,213.90 | 5,740,998.57 | 31 ft amsl (GS) | 0 | 1,518 | 400 | 506 | - | - | - | - |

Horizontal Datum: NAD83 State Plane Zone 4
Vertical Datum: NAVD88
* RP height above pond water level 5.22 ft NAVD88 (8-11 am 26-Mar-15)
** Top of 18 in. screen = 140 ft x Sin(19) = 46 ft TVD, Bottom of 14 in. screen = 710 x Sin(19) = 231 ft TVD
¹ RP/elevation change on May 17, 2015 - New caps
² RP/elevation change on July 17, 2015 - New caps
³ RP/elevation change on September 24, 2015 - New caps
⁴ Estimated - not surveyed.
MD: Measured Depth - lineal feet along the angle of the slant well
GS: Ground Surface - approximate ground surface elevation based on Google Earth

Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | |
|--|----------------------------|-------------|-------------------------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|
| | | | 8-Apr-15 | 29-Apr-15 | 6-May-15 | 13-May-15 | 20-May-15 | 27-May-15 | 3-Jun-15 | 28-Oct-15 | 12-Nov-15 | 19-Nov-15 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 117 | - | 121 | 120 | 121 | 118 | 124 | - | - | 117 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | - | 70 | ND | ND | 321 | ND | - | - | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | - | ND | ND | ND | ND | ND | ND | - | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | 33 | - | 31 | 31 | 38 | 38 | 37 | - | - | 38 |
| Arsenic, Total | EPA 1640 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Barium, Dissolved | EPA 200.8 | µg/L | 95 | - | 106 | 106 | 100 | 110 | 87 | - | - | 88 |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 143 | - | 148 | 146 | 148 | 144 | 151 | - | - | 143 |
| Boron, Dissolved | EPA 200.7 | mg/L | 2.6 | - | 2.51 | 3.10 | 2.88 | 2.71 | 2.86 | - | - | 3.37 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 37.0 | - | 45 | 45 | 48.7 | 48 | 47.4 | - | - | 53.6 |
| Calcium | EPA 200.7 | mg/L | 349 | - | 621 | 606 | 607 | 587 | 598 | - | - | 541 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 371 | - | 581 | 660 | 595 | 584 | 583 | - | - | 551 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | ND | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | - | ND | ND | ND | ND | ND | - | - | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 13,830 | - | 14,476 | 14,344 | 15,724 | 15,721 | 15,869 | - | - | 14,186 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | ND | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | 4 | - | 4 | ND | ND | ND | ND | 6 | - | 4 |
| Copper | EPA 200.7 | µg/L | - | - | - | - | - | ND | ND | - | - | ND |
| Copper, Total | EPA 200.8 | µg/L | 44 | - | 75 | 74 | 40 | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | ND | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | ND | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | ND | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 431.33 | - | 453.50 | 451.38 | 491.70 | 491.97 | 496.41 | - | - | 447.47 |
| Total Anions | Calculation | Meq/L | 431.33 | - | 453.50 | 451.38 | 491.70 | 491.97 | 496.41 | - | - | 447.47 |
| Dissolved Cations | Calculation | Meq/L | 455.09 | - | 435.45 | 479.03 | 508.91 | 458.32 | 460.38 | - | - | 494.88 |
| Total Cations | Calculation | Meq/L | 430.99 | - | 477.91 | 445.16 | 524.66 | 458.67 | 465.32 | - | - | 483.86 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.2 | - | 0.7 | ND | ND | 0.7 | ND | - | - | 0.8 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 4,751 | - | 5,879 | 5,796 | 6,066 | 5,748 | 5,924 | - | - | 5,798 |
| Hydroxide | SM2320B | mg/L | ND | - | ND | ND | ND | ND | ND | - | - | ND |
| Iodide | EPA 9056M | µg/L | ND | - | ND | ND | ND | ND | ND | - | - | ND |
| Iron | EPA 200.7 | µg/L | 69 | - | 99 | ND | ND | ND | ND | - | - | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | 65 | - | ND | ND | ND | ND | ND | - | - | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | - | ND | ND | ND | ND | ND | - | - | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | - | ND | ND | ND | ND | ND | - | - | ND |
| Lithium | EPA 200.8 | µg/L | 152 | - | 169 | 144 | 165 | 250 | 212 | - | - | 106 |
| Magnesium | EPA 200.7 | mg/L | 942 | - | 1,050 | 1,040 | 1,100 | 1,040 | 1,080 | - | - | 1,080 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 989 | - | 970 | 1,110 | 1,080 | 1,040 | 1,060 | - | - | 1,110 |
| Manganese, Dissolved | EPA 200.7 | µg/L | 26 | - | ND | ND | ND | ND | ND | - | - | ND |
| Manganese, Total | EPA 200.7 | µg/L | 26 | - | ND | ND | ND | ND | ND | - | - | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | - | ND | ND | ND | ND | ND | - | - | ND |
| Nitrate as N | EPA 300.0 | mg/L | - | - | - | - | - | - | - | - | - | - |
| Nitrate as NO3 | EPA 300.0 | mg/L | 5 | - | 7 | 8 | ND | 6 | 8 | - | - | 6 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 1.0 | - | 1.9 | 1.8 | 1.8 | 1.8 | 1.7 | - | - | 1.4 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | - | 0.2 | ND | ND | 0.3 | ND | - | - | ND |
| Odor Threshold at 60 C | SM2150B | TON | 2 | - | 1 | 1 | 1 | 1 | 1 | - | - | 2 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.10 | - | 0.12 | 0.13 | 0.12 | 0.11 | 0.13 | - | - | 0.14 |
| pH (Field Test) | SM4500-H+B | pH | 7.03 | 6.86 | 6.84 | 6.85 | 6.94 | 6.91 | 6.94 | 7.01 | 7.05 | 7.04 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.2 | - | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.2 | - | 7.1 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | ND | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.09 | - | 0.10 | 0.13 | 0.13 | 0.07 | 0.14 | - | - | 0.10 |
| Potassium | EPA 200.7 | mg/L | 203 | - | 212 | 209 | 231 | 220 | 226 | - | - | 256 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 213 | - | 185 | 230 | 227 | 219 | 220 | - | - | 263 |
| QC Ratio TDS/SEC | Calculation | - | 0.67 | 0.66 | 0.64 | 0.66 | 0.67 | 0.67 | 0.68 | 0.67 | 0.67 | 0.68 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | ND | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | - | - | - | - | - | - | - | - | - | - |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 20 | - | 16 | 22 | 19 | 17 | 20 | - | - | 19 |
| Sodium | EPA 200.7 | mg/L | 7,606 | - | 8,163 | 7,448 | 9,148 | 7,774 | 7,835 | - | - | 8,309 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 8,040 | - | 7,400 | 8,020 | 8,840 | 7,770 | 7,780 | - | - | 8,490 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 37,860 | 39,500 | 41,110 | 41,800 | 42,100 | 42,410 | 42,950 | 41,400 | 43,940 | 43,730 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 38,097 | 40,100 | 40,600 | 42,400 | 41,900 | 42,400 | 43,300 | 40,915 | 43,940 | 44,222 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,440 | - | 7,820 | 8,008 | 8,349 | 7,734 | 7,900 | - | - | 7,670 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 1,840 | - | 2,018 | 2,096 | 2,160 | 2,181 | 2,188 | - | - | 1,973 |
| Temperature (Field) | SM2550 | ° C | 17.20 | 16.79 | 16.71 | 16.86 | 16.63 | 16.35 | 16.68 | 18.4 | 17.1 | 17.1 |
| Total Diss. Solids | SM2540C | mg/L | 25,400 | 26,000 | 26,300 | 27,600 | 28,400 | 28,500 | 29,100 | 27,700 | 29,400 | 29,800 |
| Turbidity | EPA 180.1 | NTU | 0.40 | - | 0.30 | 0.30 | 0.25 | 0.25 | 0.15 | 0.5 | - | 0.30 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.74 | 0.84 | 0.69 | 0.76 | 0.30 | 0.29 | 0.353 | 0.59 | 0.98 | 0.61 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | ND | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | - | - | - | - | - | 142 | ND | - | - | ND |
| Zinc, Total | EPA 200.8 | µg/L | ND | - | 158 | ND | 209 | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | ND | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | 7.68 | - | ND | 12.2 | 0.766 | - | - | - |

Notes:

°C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micrograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | |
|--|----------------------------|-------------|-------------------------|----------|-----------|-----------|----------|-----------|-----------|-----------|----------|-----------|
| | | | 30-Nov-15 | 3-Dec-15 | 10-Dec-15 | 17-Dec-15 | 4-Jan-16 | 14-Jan-16 | 21-Jan-16 | 28-Jan-16 | 4-Feb-16 | 11-Feb-16 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 114 | 111 | 113 | 112 | 111 | 110 | 111 | 110 | 109 | 110 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | 53 | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | 45 | 42 | 42 | 40 | 47 | ND | 48 | 50 | 46 | 42 |
| Arsenic, Total | EPA 1640 | µg/L | - | - | - | - | - | - | - | - | - | 0.39 |
| Barium, Dissolved | EPA 200.8 | µg/L | 81 | 88 | 82 | 78 | 78 | 74 | 82 | 74 | 69 | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 139 | 135 | 138 | 137 | 135 | 134 | 135 | 134 | 133 | 134 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.38 | 3.16 | 3.14 | 3.97 | 3.21 | 3.71 | 3.48 | 3.35 | 3.33 | 3.41 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 53 | 52.6 | 50.2 | 50.2 | 50.0 | 52.4 | 48.2 | 51.3 | 50.1 | 51.8 |
| Calcium | EPA 200.7 | mg/L | 582 | 538 | 511 | 657 | 515 | 531 | 493 | 523 | 522 | 523 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 577 | 532 | 518 | 686 | 511 | 537 | 532 | 523 | 526 | 533 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | ND | - | - | - | - | - | - | ND | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 16,111 | 16,383 | 16,257 | 16,579 | 16,510 | 16,972 | 15,685 | 16,798 | 17,195 | 16,980 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | ND | - | - | - | - | - | - | ND | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | 7 | 4 | ND | ND | 3 | 5 | ND | ND | ND | 5 |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | ND | - | - | - | - | - | - | ND | - | - |
| Dioxin | EPA 1613 | pg/L | ND | - | - | - | - | - | - | ND | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | ND | - | - | - | - | - | - | ND | - | - |
| Dissolved Anions | Calculation | Meq/L | 503.06 | 503.06 | 507.53 | 516.55 | 514.28 | 529.53 | 493.46 | 524.48 | 535.83 | 529.87 |
| Total Anions | Calculation | Meq/L | 503.06 | 510.47 | 507.53 | 516.55 | 514.28 | 529.53 | 493.46 | 524.48 | 535.83 | 529.87 |
| Dissolved Cations | Calculation | Meq/L | 526.37 | 498.07 | 506.84 | 484.86 | 457.70 | 533.96 | 514.92 | 523.20 | 521.97 | 537.19 |
| Total Cations | Calculation | Meq/L | 544.39 | 500.67 | 500.01 | 510.72 | 466.00 | 526.46 | 484.44 | 516.68 | 524.71 | 526.05 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.8 | 0.8 | ND | ND | ND | ND | ND | ND | ND | ND |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 6,383 | 5,890 | 5,756 | 6,710 | 5,651 | 5,938 | 5,909 | 5,918 | 5,940 | 5,972 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | 96 | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | 126 | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 135 | 131 | 142 | 149 | 133 | 160 | 129 | 128 | 117 | 170 |
| Magnesium | EPA 200.7 | mg/L | 1,200 | 1,100 | 1,090 | 1,230 | 1,060 | 1,120 | 1,140 | 1,120 | 1,130 | 1,130 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,170 | 1,090 | 1,100 | 1,310 | 1,050 | 1,150 | 1,190 | 1,130 | 1,130 | 1,150 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | - | - | - | - | - | - | - | - | - | - |
| Nitrate as NO3 | EPA 300.0 | mg/L | 6 | 6 | 2 | 9 | 8 | 8 | 8 | 8 | 8 | 8 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 1.4 | 1.3 | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 2 | 2 | 3 | 1 | 2 | 2 | 1 | 1 | 2 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.15 | 0.15 | 0.14 | 0.13 | 0.13 | 0.12 | 0.11 | 0.12 | 0.12 | 0.13 |
| pH (Field Test) | SM4500-H+B | pH | 7.06 | 8.14 | 7.10 | 7.08 | 7.11 | 7.07 | 7.08 | 7.06 | 7.04 | 7.05 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.3 | 7.2 | 7.2 | 7.1 | 7.2 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | ND | - | - | - | - | - | - | ND | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.14 | 0.13 | 0.13 | 0.13 | 0.10 | 0.10 | 0.10 | 0.11 | 0.09 | 0.10 |
| Potassium | EPA 200.7 | mg/L | 284 | 268 | 266 | 293 | 256 | 275 | 271 | 267 | 270 | 268 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 281 | 268.0 | 266 | 308 | 254 | 278 | 282 | 272 | 269 | 276 |
| QC Ratio TDS/SEC | Calculation | - | 0.68 | 0.69 | 0.68 | 0.67 | 0.66 | 0.69 | 0.67 | 0.67 | 0.67 | 0.69 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | ND | - | - | - | - | - | - | ND | - | - |
| Salinity | SM2520B | psu | - | - | - | - | - | - | - | - | - | - |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 18 | 16 | 16 | 20 | 16 | 20 | 17 | 15 | 14 | 14 |
| Sodium | EPA 200.7 | mg/L | 9,410 | 8,654 | 8,691 | 8,488 | 7,966 | 9,213 | 8,255 | 9,002 | 9,167 | 9,198 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 9,060 | 8,620 | 8,820 | 7,700 | 7,800 | 9,320 | 8,810 | 9,130 | 9,100 | 9,400 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 44,110 | 44,470 | 44,380 | 44,870 | 45,370 | 45,720 | 46,900 | 45,720 | 45,790 | 45,650 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 44,835 | 44,246 | 44,834 | 44,649 | 45,090 | 45,937 | 46,026 | 45,487 | 45,392 | 45,697 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,767 | 7,668 | 7,444 | 7,194 | 7,306 | 7,800 | 7,481 | 7,503 | 5,865 | 5,796 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,187 | 2,177 | 2,204 | 2,202 | 2,188 | 2,294 | 2,307 | 2,288 | 2,297 | 2,300 |
| Temperature (Field) | SM2550 | ° C | 16.3 | 16.9 | 16.9 | 16.7 | 15.6 | 15.2 | 15.5 | 15.3 | 15.5 | 15.9 |
| Total Diss. Solids | SM2540C | mg/L | 29,800 | 30,900 | 30,200 | 30,200 | 30,100 | 31,700 | 31,400 | 30,600 | 30,500 | 31,400 |
| Turbidity | EPA 180.1 | NTU | 0.30 | 0.15 | 0.40 | 0.25 | 0.30 | 0.35 | 0.30 | 0.10 | 0.15 | 0.25 |
| Turbidity (Field) | EPA 180.1 | NTU | 1.15 | 0.64 | 0.67 | 0.36 | 0.31 | 0.37 | 0.09 | 0.11 | 0.64 | 0.35 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | ND | - | - | - | - | - | - | ND | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | 204 | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | ND | - | - | - | - | - | - | ND | - | - |
| Total PCB | EPA 1668C | pg/L | 25.8 | - | - | - | - | - | - | 7.73 | - | - |

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 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micrograms per Liter
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ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

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Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | |
|--|----------------------------|-------------|-------------------------|-----------|----------|----------|-----------|-----------|-----------|----------|----------|-----------|
| | | | 18-Feb-16 | 25-Feb-16 | 3-Mar-16 | 3-May-16 | 12-May-16 | 19-May-16 | 26-May-16 | 2-Jun-16 | 9-Jun-16 | 16-Jun-16 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 110 | 110 | 110 | 108 | 110 | 114 | 112 | 111 | 110 | 112 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.28 | 0.30 | 0.28 | 0.32 | 0.26 | 0.24 | 0.29 | 0.28 | 0.27 | 0.30 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | 71 | 75 | ND | ND | 74 | ND | ND | 62 | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 134 | 134 | 134 | 132 | 134 | 139 | 137 | 135 | 134 | 137 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.19 | 3.31 | 3.43 | 3.62 | 3.30 | 3.54 | 3.11 | 3.18 | 3.47 | 3.38 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 52.6 | 52.6 | 52.3 | 50.3 | 43.2 | 59.4 | 59.6 | 50.5 | 40.1 | 35.4 |
| Calcium | EPA 200.7 | mg/L | 497 | 510 | 493 | 458 | 489 | 542 | 430 | 469 | 506 | 498 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 503 | 510 | 502 | 456 | 496 | 528 | 396 | 479 | 506 | 499 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 17,243 | 17,186 | 17,337 | 15,946 | 15,872 | 16,965 | 16,326 | 16,326 | 16,807 | 16,547 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 538.01 | 536.27 | 541.32 | 499.99 | 499.14 | 530.65 | 509.47 | 510.34 | 528.27 | 520.48 |
| Total Anions | Calculation | Meq/L | 538.01 | 536.27 | 541.32 | 499.99 | 499.14 | 530.65 | 509.47 | 510.34 | 528.27 | 520.48 |
| Dissolved Cations | Calculation | Meq/L | 522.84 | 541.86 | 557.28 | 520.85 | 514.63 | 529.51 | 491.98 | 515.26 | 496.63 | 479.25 |
| Total Cations | Calculation | Meq/L | 520.40 | 544.60 | 540.75 | 516.58 | 507.73 | 540.16 | 497.14 | 507.81 | 493.75 | 481.32 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | ND | ND | 1.1 | 1.0 | ND | ND | ND | ND | ND | ND |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 5,870 | 6,112 | 5,901 | 5,739 | 5,776 | 6,316 | 5,492 | 5,656 | 5,822 | 5,732 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | 4 | ND | ND | 5 | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 154 | 164 | 166 | 153 | 149 | 145 | 164 | 159 | 177 | 132 |
| Magnesium | EPA 200.7 | mg/L | 1,120 | 1,180 | 1,130 | 1,120 | 1,110 | 1,200 | 1,070 | 1,090 | 1,110 | 1,090 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,120 | 1,170 | 1,180 | 1,120 | 1,120 | 1,180 | 1,040 | 1,100 | 1,110 | 1,090 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | - | - | - | - | - | - | - | - | - | - |
| Nitrate as NO3 | EPA 300.0 | mg/L | 8 | 8 | 8 | 6 | 6 | 3 | ND | ND | 1 | ND |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 1.8 | 1.8 | 1.8 | 1.4 | 1.3 | 0.7 | ND | ND | 0.2 | ND |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.11 | 0.12 | 0.11 | 0.11 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 |
| pH (Field Test) | SM4500-H+B | pH | 7.11 | 7.12 | 7.14 | 7.25 | 7.10 | 7.07 | 7.16 | 7.04 | 7.17 | 7.07 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.3 | 6.8 | 7.3 | 7.3 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.4 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.11 | 0.10 | 0.10 | 0.13 | 0.11 | 0.10 | 0.12 | 0.11 | 0.09 | 0.09 |
| Potassium | EPA 200.7 | mg/L | 261 | 271 | 273 | 310 | 276 | 287 | 257 | 258 | 264 | 261 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 261 | 271 | 280 | 309 | 277 | 280 | 252 | 263 | 266 | 260 |
| QC Ratio TDS/SEC | Calculation | - | 0.67 | 0.67 | 0.69 | 0.68 | 0.68 | 0.70 | 0.70 | 0.68 | 0.69 | 0.68 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | - | - | - | 28.8 | 29.1 | 29.4 | 29.6 | 29.7 | 29.7 | 29.3 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 12 | 12 | 14 | ND | 13 | 10 | 12 | 13 | 17 | 16 |
| Sodium | EPA 200.7 | mg/L | 9,121 | 9,543 | 9,401 | 9,049 | 8,849 | 9,357 | 8,760 | 8,922 | 8,515 | 8,278 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 9,170 | 9,480 | 9,680 | 9,150 | 8,980 | 9,170 | 8,740 | 9,060 | 8,580 | 8,230 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 45,560 | 46,190 | 46,380 | 44,530 | 45,030 | 45,430 | 45,730 | 45,880 | 45,800 | 45,340 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 46,403 | 46,259 | 46,381 | 44,112 | 45,258 | 45,810 | 45,693 | 45,759 | 45,762 | 45,685 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,671 | 7,823 | 7,910 | 7,601 | 7,910 | 7,976 | 7,515 | 7,735 | 7,600 | 7,377 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,334 | 2,328 | 2,366 | 2,270 | 2,332 | 2,353 | 2,206 | 2,254 | 2,470 | 2,450 |
| Temperature (Field) | SM2550 | ° C | 15.1 | 15.0 | 15.0 | 15.1 | 15.4 | 15.5 | 15.4 | 15.6 | 15.8 | 15.9 |
| Total Diss. Solids | SM2540C | mg/L | 30,700 | 30,800 | 31,800 | 30,200 | 30,800 | 31,900 | 32,200 | 31,300 | 31,600 | 30,900 |
| Turbidity | EPA 180.1 | NTU | 0.10 | 0.10 | 0.30 | 1.6 | 0.35 | 0.30 | 0.35 | 0.20 | 0.25 | 0.25 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.33 | 0.15 | 0.08 | 0.29 | 0.37 | 0.10 | 0.30 | 0.12 | 0.19 | 0.31 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - | - |

Notes:

°C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micrograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | |
|--|----------------------------|-------------|-------------------------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|
| | | | 23-Jun-16 | 30-Jun-16 | 7-Jul-16 | 15-Jul-16 | 21-Jul-16 | 28-Jul-16 | 4-Aug-16 | 10-Aug-16 | 18-Aug-16 | 25-Aug-16 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 113 | 114 | 113 | 114 | 113 | 114 | 115 | 114 | 113 | 116 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.33 | 0.30 | 0.27 | 0.27 | 0.28 | 0.18 | 0.27 | 0.23 | 0.22 | 0.24 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 138 | 139 | 138 | 139 | 138 | 139 | 140 | 139 | 138 | 142 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.46 | 3.58 | 3.21 | 3.18 | 3.53 | 3.40 | 3.54 | 3.18 | 3.61 | 3.37 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 37.3 | 40.2 | 50.8 | 39.8 | 44.6 | 52.9 | 31.2 | 27.8 | 31.3 | 48.9 |
| Calcium | EPA 200.7 | mg/L | 489 | 510 | 482 | 471 | 559 | 495 | 486 | 520 | 505 | 490 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 494 | 515 | 467 | 481 | 531 | 493 | 506 | 504 | 510 | 470 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 17,230 | 17,425 | 17,982 | 16,795 | 17,100 | 18,028 | 18,231 | 18,374 | 17,490 | 17,636 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | 3 | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 536.91 | 541.24 | 558.08 | 524.21 | 532.46 | 563.12 | 564.83 | 568.56 | 545.43 | 546.73 |
| Total Anions | Calculation | Meq/L | 536.91 | 541.24 | 558.08 | 524.21 | 532.46 | 563.12 | 564.83 | 568.56 | 545.43 | 546.73 |
| Dissolved Cations | Calculation | Meq/L | 505.36 | 544.69 | 514.15 | 518.34 | 556.30 | 517.87 | 529.65 | 512.33 | 531.64 | 494.71 |
| Total Cations | Calculation | Meq/L | 495.32 | 523.17 | 511.63 | 499.31 | 583.22 | 514.08 | 509.12 | 523.03 | 528.35 | 527.38 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | ND | 1.2 | ND | 1 | 1.1 | 0.5 | 1.2 | 1.1 | 1.3 | ND |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 5,907 | 6,009 | 5,799 | 5,611 | 6,531 | 5,918 | 5,785 | 6,038 | 6,310 | 5,671 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 145 | 162 | 128 | 142 | 150 | 135 | 145 | 142 | 152 | 162 |
| Magnesium | EPA 200.7 | mg/L | 1,140 | 1,150 | 1,120 | 1,080 | 1,250 | 1,140 | 1,110 | 1,150 | 1,230 | 1,080 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,150 | 1,160 | 1,100 | 1,090 | 1,200 | 1,140 | 1,160 | 1,150 | 1,200 | 1,010 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | - | - | - | - | - | - | - | - | - | - |
| Nitrate as NO3 | EPA 300.0 | mg/L | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 2 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.6 | 0.6 | 0.6 | 0.4 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.11 | 0.11 | 0.10 | 0.11 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | 0.10 |
| pH (Field Test) | SM4500-H+B | pH | 7.17 | 7.11 | 7.14 | 7.65 | 7.10 | 7.10 | 7.15 | 7.15 | 7.08 | 7.05 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.3 | 7.2 | 7.3 | 7.2 | 7.2 | 7.3 | 7.2 | 7.2 | 7.2 | 7.3 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.10 | 0.09 | 0.09 | 0.09 | 0.05 | 0.14 | 0.09 | 0.11 | 0.10 | 0.10 |
| Potassium | EPA 200.7 | mg/L | 262 | 276 | 262 | 279 | 317 | 273 | 285 | 285 | 306 | 285 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 264 | 282.9 | 260.2 | 276 | 305 | 277.1 | 291 | 279 | 300 | 277 |
| QC Ratio TDS/SEC | Calculation | - | 0.69 | 0.65 | 0.68 | 0.66 | 0.68 | 0.69 | 0.69 | 0.68 | 0.67 | 0.67 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 29.3 | 29.4 | 29.7 | 29.3 | 29.1 | 29.1 | 28.6 | 29.4 | 29.8 | 29.2 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 10 | 16 | 14 | 12 | 14 | 9.0 | 12 | 14 | 12 | 11 |
| Sodium | EPA 200.7 | mg/L | 8,515 | 9,104 | 8,936 | 8,731 | 10,215 | 8,933 | 8,879 | 9,084 | 9,060 | 9,351 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 8,720 | 9,570 | 9,050 | 9,140 | 9,730 | 9,020 | 9,230 | 8,860 | 9,190 | 8,760 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 45,330 | 45,380 | 45,800 | 45,240 | 45,000 | 45,070 | 44,370 | 45,360 | 46,050 | 45,200 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 45,663 | 45,769 | 45,763 | 45,620 | 45,544 | 45,613 | 45,770 | 45,632 | 46,081 | 45,509 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,438 | 7,460 | 7,791 | 7,147 | 7,366 | 7,164 | 7,552 | 7,884 | 7,620 | 7,785 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,309 | 2,250 | 2,299 | 2,286 | 2,267 | 2,476 | 2,296 | 2,282 | 2,370 | 2,221 |
| Temperature (Field) | SM2550 | ° C | 15.9 | 15.8 | 15.9 | 15.9 | 16.2 | 16.1 | 15.9 | 16.0 | 15.9 | 15.9 |
| Total Diss. Solids | SM2540C | mg/L | 31,300 | 29,700 | 31,000 | 29,800 | 30,700 | 30,900 | 30,800 | 30,800 | 30,800 | 30,200 |
| Turbidity | EPA 180.1 | NTU | 0.15 | 0.30 | 0.20 | .10 | 0.30 | 0.25 | 0.40 | 0.10 | 0.30 | 0.05 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.34 | 0.26 | 0.21 | 0.16 | 0.17 | 0.33 | 0.27 | 0.14 | 0.12 | 0.24 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - | - |

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ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

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Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | |
|--|----------------------------|-------------|-------------------------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|
| | | | 1-Sep-16 | 8-Sep-16 | 15-Sep-16 | 22-Sep-16 | 30-Sep-16 | 7-Oct-16 | 13-Oct-16 | 20-Oct-16 | 27-Oct-16 | 3-Nov-16 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 116 | 117 | 116 | 115 | 117 | 115 | 113 | 118 | 116 | 114 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.27 | 0.23 | 0.22 | 0.22 | 0.22 | 0.21 | 0.25 | 0.27 | 0.23 | 0.46 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 142 | 143 | 142 | 140 | 143 | 140 | 138 | 144 | 142 | 139 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.20 | 3.23 | 3.20 | 3.17 | 3.41 | 3.36 | 3.40 | 3.34 | 3.33 | 3.19 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 56.4 | 51.8 | 47.2 | 54.0 | 50 | 50.0 | 50.4 | 50.9 | 51.2 | 50.6 |
| Calcium | EPA 200.7 | mg/L | 461 | 461 | 460 | 494 | 492 | 508 | 510 | 471 | 493 | 488 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 467 | 457 | 454 | 488 | 495 | 458 | 473 | 472 | 492 | 488 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 16,683 | 16,820 | 15,643 | 16,179 | 16,705 | 16,568 | 16,897 | 17,065 | 17,350 | 16,949 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 521.27 | 526.22 | 493.31 | 508.70 | 523.28 | 519.14 | 532.46 | 535.53 | 543.47 | 532.28 |
| Total Anions | Calculation | Meq/L | 521.27 | 526.22 | 493.31 | 508.70 | 523.28 | 519.14 | 532.46 | 535.53 | 543.47 | 532.28 |
| Dissolved Cations | Calculation | Meq/L | 501.83 | 487.61 | 466.60 | 537.27 | 528.58 | 521.64 | 545.47 | 503.68 | 542.16 | 496.51 |
| Total Cations | Calculation | Meq/L | 512.46 | 489.96 | 483.65 | 530.53 | 543.94 | 537.38 | 544.72 | 516.26 | 549.54 | 534.35 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.8 | 1.1 | 0.9 | 1.0 | 0.9 | 1.1 | 0.9 | 1.0 | 0.9 | 0.8 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 5,286 | 5,619 | 5,534 | 5,924 | 5,874 | 5,918 | 5,964 | 5,764 | 5,781 | 5,728 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | 6 | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 166 | 156 | 153 | 132 | 138 | 124 | 141 | 149 | 140 | 141 |
| Magnesium | EPA 200.7 | mg/L | 1,000 | 1,080 | 1,060 | 1,140 | 1,130 | 1,130 | 1,140 | 1,110 | 1,100 | 1,100 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 968 | 1,060 | 1,040 | 1,060 | 1,130 | 1,090 | 1,120 | 1,110 | 1,090 | 1,100 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | - | - | - | - | - | - | - | - | - | - |
| Nitrate as NO3 | EPA 300.0 | mg/L | 3 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 0.6 | 1.1 | 1.1 | 1.0 | 1.1 | 1.0 | 1.2 | 1.1 | 1.3 | 1.1 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.11 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.08 | 0.09 | 0.09 | 0.09 |
| pH (Field Test) | SM4500-H+B | pH | 7.06 | 7.06 | 7.08 | 7.09 | 7.09 | 7.10 | 7.02 | 7.02 | 7.03 | 7.04 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.2 | 7.2 | 7.1 | 7.2 | 7.0 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.10 | 0.07 | 0.11 | 0.08 | 0.07 | 0.10 | 0.06 | 0.09 | 0.11 | 0.11 |
| Potassium | EPA 200.7 | mg/L | 269 | 273 | 273 | 271 | 283 | 286 | 285 | 328 | 304 | 308 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 271.0 | 272 | 269 | 278 | 282 | 276 | 286 | 321 | 301 | 292 |
| QC Ratio TDS/SEC | Calculation | - | 0.69 | 0.66 | 0.67 | 0.66 | 0.68 | 0.69 | 0.67 | 0.66 | 0.66 | 0.69 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 29.4 | 29.3 | 29.3 | 29.6 | 29.4 | 29.4 | 29.5 | 29.8 | 29.7 | 29.8 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 12 | 12 | 13 | 12 | 13 | 11 | 14 | 12 | 15 | 15 |
| Sodium | EPA 200.7 | mg/L | 9,202 | 8,531 | 8,425 | 9,567 | 9,636 | 9,467 | 9,613 | 9,035 | 9,808 | 9,462 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 9,010 | 8,520 | 8,080 | 9,680 | 9,280 | 9,240 | 9,710 | 8,750 | 9,660 | 8,590 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 45,450 | 45,260 | 45,250 | 45,680 | 45,380 | 45,420 | 45,610 | 46,000 | 45,800 | 45,980 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 45,669 | 45,720 | 45,362 | 45,682 | 45,648 | 45,682 | 45,775 | 46,308 | 46,223 | 46,352 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,458 | 7,875 | 7,415 | 7,158 | 7,293 | 7,430 | 7,259 | 7,542 | 7,275 | 7,302 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,285 | 2,337 | 2,355 | 2,365 | 2,353 | 2,342 | 2,537 | 2,452 | 2,448 | 2,457 |
| Temperature (Field) | SM2550 | ° C | 16.1 | 16.2 | 16.1 | 16.1 | 16.1 | 16.4 | 16.3 | 16.2 | 16.3 | 16.3 |
| Total Diss. Solids | SM2540C | mg/L | 31,200 | 30,000 | 30,200 | 30,300 | 30,800 | 31,400 | 30,500 | 30,500 | 30,400 | 31,700 |
| Turbidity | EPA 180.1 | NTU | 0.25 | 0.15 | 0.25 | 0.20 | 0.15 | 0.10 | 0.20 | 0.10 | 0.20 | 0.10 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.34 | 0.21 | 0.11 | 0.13 | 0.09 | 0.25 | 0.27 | 0.08 | 0.10 | 0.29 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - | - |

Notes:

°C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micrograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | |
|--|----------------------------|-------------|-------------------------|-----------|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|
| | | | 10-Nov-16 | 17-Nov-16 | 23-Nov-16 | 1-Dec-16 | 8-Dec-16 | 15-Dec-16 | 21-Dec-16 | 12-Jan-17 | 19-Jan-17 | 26-Jan-17 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 113 | 115 | 114 | 112 | 106 | 111 | 112 | 107 | 112 | 117 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | 55 | 160 | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.25 | 0.27 | 0.27 | 0.26 | 0.21 | 0.22 | 0.26 | 0.20 | 0.21 | 0.28 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | 69 | ND | 65 | 66 | ND | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 138 | 140 | 139 | 137 | 129 | 135 | 137 | 131 | 137 | 143 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.73 | 3.84 | 3.29 | 3.42 | 3.09 | 3.10 | 3.73 | 3.2 | 3.30 | 3.42 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 53.0 | 50 | 52 | 54 | 51 | 54 | 57 | 56.7 | 55.8 | 58.6 |
| Calcium | EPA 200.7 | mg/L | 493 | 517 | 462 | 532 | 540 | 549 | 542 | 407 | 481 | 467 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 503 | 531 | 453 | 536 | 539 | 529 | 543 | 401 | 485 | 466 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 17,651 | 17,082 | 17,145 | 17,215 | 17,283 | 18,271 | 16,460 | 16,984 | 16,509 | 17,164 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 540.88 | 527.60 | 533.74 | 528.40 | 541.73 | 569.71 | 518.18 | 532.63 | 523.58 | 537.43 |
| Total Anions | Calculation | Meq/L | 540.88 | 527.60 | 533.74 | 528.40 | 541.73 | 569.71 | 518.18 | 532.63 | 523.58 | 537.43 |
| Dissolved Cations | Calculation | Meq/L | 545.78 | 565.18 | 540.61 | 582.47 | 562.53 | 557.54 | 555.00 | 506.56 | 514.77 | 517.04 |
| Total Cations | Calculation | Meq/L | 536.10 | 570.96 | 527.00 | 558.83 | 559.45 | 569.62 | 580.06 | 509.59 | 505.75 | 518.85 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.5 | 0.8 | 0.9 | 0.5 | 1.0 | 0.9 | 1.2 | 0.9 | ND | 1.0 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 6,185 | 6,401 | 5,601 | 6,344 | 6,451 | 6,452 | 6,542 | 5,678 | 5,961 | 6,050 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | 4 | ND | ND | - | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 146 | 162 | 139 | 141 | 146 | 148 | ND | ND | 161 | 165 |
| Magnesium | EPA 200.7 | mg/L | 1,200 | 1,240 | 1,080 | 1,220 | 1,240 | 1,230 | 1,260 | 1,130 | 1,160 | 1,190 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,220 | 1,250 | 1,070 | 1,260 | 1,240 | 1,210 | 1,240 | 1,140 | 1,150 | 1,170 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | - | - | - | - | - | - | - | - | - | - |
| Nitrate as NO3 | EPA 300.0 | mg/L | ND | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 2 | 2 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 0.7 | 1.0 | 0.8 | 0.8 | 1.1 | 1.0 | 0.9 | 0.6 | 0.6 | 0.4 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.09 | 0.10 | 0.09 | 0.09 | 0.09 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 |
| pH (Field Test) | SM4500-H+B | pH | 7.05 | 7.05 | 7.05 | 7.07 | 7.07 | 7.07 | 7.07 | 7.37 | 6.94 | 7.23 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.1 | 7.2 | 7.3 | 7.2 | 7.3 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.09 | 0.08 | 0.09 |
| Potassium | EPA 200.7 | mg/L | 314 | 331 | 284 | 317 | 316 | 313 | 322 | 334 | 286 | 304 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 326 | 338 | 279 | 326 | 319 | 308 | 323 | 331 | 285 | 303 |
| QC Ratio TDS/SEC | Calculation | - | 0.67 | 0.67 | 0.69 | 0.68 | 0.68 | 0.66 | 0.66 | 0.66 | 0.70 | 0.67 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 30.0 | 30.1 | 30.0 | 30.2 | 30.0 | 29.7 | 29.7 | 29.9 | 29.3 | 29.6 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 16 | 17 | 12 | 20 | 11 | ND | 13 | ND | 11 | 9.0 |
| Sodium | EPA 200.7 | mg/L | 9,304 | 9,992 | 9,375 | 9,742 | 9,710 | 9,954 | 10,140 | 8,910 | 8,712 | 8,962 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 9,470 | 9,820 | 9,720 | 10,200 | 9,780 | 9,740 | 9,600 | 8,830 | 8,770 | 8,960 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 46,230 | 46,370 | 46,270 | 46,540 | 46,330 | 45,810 | 45,840 | 46,060 | 45,310 | 45,700 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 46,803 | 46,648 | 46,445 | 46,511 | 46,179 | 46,097 | 46,063 | 46,477 | 45,300 | 46,236 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,700 | 7,183 | 7,212 | 7,624 | 7,583 | 7,530 | 6,800 | 6,700 | 7,229 | 7,372 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 1,920 | 2,052 | 2,262 | 1,911 | 2,466 | 2,465 | 2,441 | 2,431 | 2,363 | 2,408 |
| Temperature (Field) | SM2550 | ° C | 16.4 | 16.1 | 16.1 | 15.9 | 15.6 | 15.6 | 15.4 | 15.3 | 15.3 | 15.1 |
| Total Diss. Solids | SM2540C | mg/L | 30,900 | 31,000 | 31,800 | 31,500 | 31,600 | 30,400 | 30,200 | 30,500 | 31,700 | 30,800 |
| Turbidity | EPA 180.1 | NTU | 0.25 | 0.10 | 0.20 | 0.35 | 0.15 | 0.10 | 0.40 | 0.45 | 0.15 | 0.20 |
| Turbidity (Field) | EPA 180.1 | NTU | 1.06 | 0.18 | 0.24 | 0.41 | 0.17 | 0.12 | 0.14 | 0.25 | 0.29 | 0.16 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - | - |

Notes:

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 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micrograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | |
|--|----------------------------|-------------|-------------------------|----------|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|
| | | | 2-Feb-17 | 9-Feb-17 | 15-Feb-17 | 24-Feb-17 | 1-Mar-17 | 8-Mar-17 | 15-Mar-17 | 23-Mar-17 | 29-Mar-17 | 5-Apr-17 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 114 | 117 | 113 | 110 | 113 | 112 | 110 | 109 | 107 | 108 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.26 | 0.20 | 0.24 | 0.30 | 0.30 | 0.29 | 0.26 | 0.28 | 0.29 | 0.30 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | 68 | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 139 | 143 | 138 | 134 | 138 | 137 | 134 | 133 | 131 | 132 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.36 | 3.37 | 3.31 | 3.51 | 3.56 | 3.25 | 3.27 | 3.11 | 3.44 | 3.21 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 55.4 | 55.2 | 55.6 | 56.1 | 55.7 | 55.1 | 53.7 | 52.3 | 54.1 | 52.2 |
| Calcium | EPA 200.7 | mg/L | 486 | 497 | 467 | 492 | 464 | 459 | 478 | 405 | 398 | 415 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 487 | 484 | 466 | 481 | 473 | 477 | 464 | 420 | 420 | 406 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 16,638 | 16,746 | 16,794 | 17,028 | 16,860 | 16,522 | 16,264 | 16,086 | 16,048 | 16,370 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 521.35 | 524.61 | 526.53 | 532.85 | 525.63 | 516.22 | 508.39 | 502.66 | 503.45 | 512.21 |
| Total Anions | Calculation | Meq/L | 521.35 | 524.61 | 526.53 | 532.85 | 525.63 | 516.22 | 508.39 | 502.66 | 503.45 | 512.21 |
| Dissolved Cations | Calculation | Meq/L | 516.21 | 512.58 | 496.59 | 497.38 | 492.63 | 488.89 | 494.69 | 495.32 | 500.18 | 483.86 |
| Total Cations | Calculation | Meq/L | 530.41 | 541.45 | 489.87 | 501.11 | 490.19 | 489.96 | 488.39 | 485.02 | 462.87 | 492.88 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.7 | 0.9 | 0.9 | 0.8 | 0.8 | 0.9 | 0.8 | 0.9 | ND | 0.7 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 6,258 | 6,273 | 5,609 | 5,927 | 5,903 | 5,692 | 5,843 | 5,327 | 5,515 | 5,714 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 188 | 97 | 155 | 146 | 144 | 151 | 155 | 224 | 182 | 186 |
| Magnesium | EPA 200.7 | mg/L | 1,220 | 1,220 | 1,080 | 1,140 | 1,150 | 1,100 | 1,130 | 1,050 | 1,100 | 1,140 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,210 | 1,190 | 1,090 | 1,130 | 1,180 | 1,120 | 1,130 | 1,090 | 1,150 | 1,120 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | - | - | - | - | - | - | - | - | - | - |
| Nitrate as NO3 | EPA 300.0 | mg/L | 3 | 3 | 2 | 3 | 5 | 4 | 5 | 5 | 3 | 3 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 0.7 | 0.8 | 0.8 | 0.8 | 1.1 | 1.0 | 1.0 | 1.0 | 0.7 | 0.7 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.09 | 0.08 | 0.08 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.11 | 0.08 |
| pH (Field Test) | SM4500-H+B | pH | 7.07 | 7.01 | 7.00 | 7.13 | 7.09 | 7.08 | 7.00 | 7.22 | 7.22 | 7.07 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.2 | 7.3 | 7.2 | 7.3 | 7.2 | 7.2 | 7.2 | 7.3 | 7.3 | 7.2 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.09 | 0.09 | 0.10 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.09 |
| Potassium | EPA 200.7 | mg/L | 306 | 301 | 285 | 299 | 284 | 272 | 278 | 272 | 276 | 289 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 305 | 301 | 288 | 297 | 289 | 277 | 276 | 277 | 291 | 287 |
| QC Ratio TDS/SEC | Calculation | - | 0.66 | 0.65 | 0.66 | 0.69 | 0.65 | 0.67 | 0.65 | 0.67 | 0.69 | 0.66 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 29.3 | 29.7 | 29.4 | 29.3 | 29.0 | 28.8 | 28.9 | 28.4 | 28.5 | 28.5 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 12 | 13 | 14 | 13 | 13 | 10 | ND | 12 | 13 | 12 |
| Sodium | EPA 200.7 | mg/L | 9,148 | 9,392 | 8,515 | 8,623 | 8,394 | 8,496 | 8,378 | 8,539 | 7,941 | 8,528 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 8,840 | 8,800 | 8,650 | 8,570 | 8,380 | 8,410 | 8,540 | 8,680 | 8,670 | 8,370 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 45,270 | 45,820 | 45,460 | 45,310 | 44,910 | 44,540 | 44,710 | 44,060 | 44,140 | 44,200 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 45,256 | 45,414 | 45,429 | 45,816 | 44,951 | 44,725 | 44,351 | 44,064 | 44,279 | 44,184 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,066 | 7,254 | 7,194 | 7,238 | 7,093 | 7,271 | 7,197 | 8,222 | 7,208 | 7,922 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,352 | 2,359 | 2,390 | 2,379 | 2,256 | 2,264 | 2,240 | 2,208 | 2,298 | 2,284 |
| Temperature (Field) | SM2550 | ° C | 15.3 | 15.2 | 15.3 | 15.0 | 15 | 15.1 | 15.0 | 15.2 | 15.2 | 15.0 |
| Total Diss. Solids | SM2540C | mg/L | 29,900 | 29,800 | 30,000 | 31,100 | 29,100 | 29,700 | 29,100 | 29,400 | 30,600 | 29,000 |
| Turbidity | EPA 180.1 | NTU | 0.30 | 0.25 | 0.15 | 0.10 | 0.20 | 0.25 | 0.25 | 0.50 | 0.35 | 0.15 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.41 | 0.08 | 0.15 | 0.17 | 0.10 | 0.37 | 0.14 | 0.17 | 0.44 | 0.09 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - | - |

Notes:

°C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micrograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | | |
|--|------------------------------|-------------|-------------------------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----------|-----------|--------|
| | | | 13-Apr-17 | 19-Apr-17 | 26-Apr-17 | 3-May-17 | 10-May-17 | 18-May-17 | 24-May-17 | 31-May-17 | 8-Jun-17 | 14-Jun-17 | |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 107 | 108 | 108 | 109 | 108 | 108 | 108 | 108 | 111 | 113 | 113 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | 116 | 106 | ND | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.29 | 0.29 | 0.30 | 0.33 | 0.34 | 0.29 | 0.32 | 0.32 | 0.32 | 0.30 | 0.30 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | 72 | ND | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 131 | 132 | 132 | 133 | 132 | 132 | 132 | 132 | 135 | 138 | 138 |
| Boron, Dissolved | EPA 200.7 | mg/L | 2.87 | 3.06 | 2.86 | 3.2 | 3.13 | 3.34 | 3.33 | 3.33 | 2.77 | 3.55 | 2.84 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 51.9 | 55.3 | 54.5 | 54.1 | 55.9 | 55.7 | 56.6 | 56.6 | 53.9 | 62.2 | 57 |
| Calcium | EPA 200.7 | mg/L | 442 | 460 | 439 | 439 | 464 | 462 | 456 | 456 | 521 | 500 | 494 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 450 | 418 | 429 | 433 | 464 | 469 | 478 | 478 | 526 | 496 | 490 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 16,528 | 16,171 | 15,973 | 15,733 | 16,016 | 15,903 | 15,975 | 15,975 | 15,393 | 16,064 | 15,908 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 516.78 | 506.03 | 500.60 | 493.11 | 501.27 | 498.04 | 499.89 | 499.89 | 482.94 | 502.84 | 498.13 |
| Total Anions | Calculation | Meq/L | 516.78 | 506.03 | 500.60 | 493.11 | 501.27 | 498.04 | 499.89 | 499.89 | 482.94 | 502.84 | 498.13 |
| Dissolved Cations | Calculation | Meq/L | 496.81 | 518.02 | 487.93 | 457.64 | 483.41 | 511.09 | 529.98 | 529.98 | 511.80 | 539.35 | 538.05 |
| Total Cations | Calculation | Meq/L | 479.82 | 531.51 | 486.29 | 470.10 | 483.80 | 499.09 | 514.21 | 514.21 | 502.48 | 540.68 | 555.31 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | ND | 0.8 | 0.9 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 5,403 | 5,378 | 5,268 | 5,255 | 5,503 | 5,675 | 5,796 | 5,796 | 5,790 | 5,745 | 5,916 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | - | ND | ND |
| Lithium | EPA 200.8 | µg/L | 184 | 177 | 187 | 154 | 158 | 160 | 145 | 145 | 134 | 175 | 173 |
| Magnesium | EPA 200.7 | mg/L | 1,040 | 1,030 | 1,010 | 1,010 | 1,060 | 1,100 | 1,130 | 1,130 | 1,090 | 1,090 | 1,140 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,080 | 1,150 | 921 | 973 | 1,051 | 1,130 | 1,120 | 1,120 | 1,120 | 1,120 | 1,120 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | - | - | - | - | - | - | - | - | - | - | - |
| Nitrate as NO3 | EPA 300.0 | mg/L | 3 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 0.8 | 1.5 | 1.5 | 1.1 | 0.9 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| pH (Field Test) | SM4500-H+B | pH | 7.08 | 7.08 | 7.08 | 7.08 | 7.08 | 7.01 | 7.02 | 7.02 | 7.02 | 6.98 | 7.16 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 6.8 | 7.1 | 7.2 | 7.3 | 7.3 | 7.3 | 7.2 | 7.2 | 7.1 | 7.3 | 7.2 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.08 | 0.08 | 0.09 | 0.08 | 0.06 | 0.09 | 0.07 | 0.07 | 0.08 | 0.09 | 0.06 |
| Potassium | EPA 200.7 | mg/L | 272 | 273 | 272 | 314 | 276 | 288 | 291 | 291 | 324 | 384 | 319 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 275 | 278 | 259 | 264 | 276 | 295 | 300 | 300 | 295 | 325 | 320 |
| QC Ratio TDS/SEC | Calculation | - | 0.65 | 0.67 | 0.67 | 0.68 | 0.67 | 0.68 | 0.68 | 0.68 | 0.67 | 0.67 | 0.68 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 28.4 | 28.4 | 28.4 | 28.5 | 28.7 | 28.2 | 28.2 | 28.2 | 28.2 | 28.5 | 28.3 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | ND | 14 | 11 | ND | 13 | 15 | 15 | 15 | 20 | 17 | ND |
| Sodium | EPA 200.7 | mg/L | 8,396 | 9,582 | 8,605 | 8,208 | 8,422 | 8,693 | 8,989 | 8,989 | 8,701 | 9,568 | 9,855 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 8,700 | 9,090 | 8,830 | 8,270 | 8,430 | 8,900 | 9,340 | 9,340 | 8,870 | 9,520 | 9,500 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 44,010 | 44,100 | 44,020 | 44,120 | 44,420 | 43,820 | 43,730 | 43,730 | 43,740 | 44,180 | 43,840 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 44,004 | 44,144 | 44,093 | 44,202 | 44,254 | 43,823 | 43,689 | 43,689 | 43,626 | 43,677 | 43,625 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,948 | 7,160 | 7,098 | 7,256 | 6,858 | 6,773 | 6,865 | 6,865 | 6,810 | 7,575 | 7,244 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,290 | 2,252 | 2,260 | 2,226 | 2,235 | 2,233 | 2,224 | 2,224 | 2,197 | 2,237 | 2,225 |
| Temperature (Field) | SM2550 | ° C | 15.0 | 15.3 | 15.3 | 15.4 | 15.2 | 15.2 | 15.3 | 15.3 | 15.4 | 15.3 | 15.4 |
| Total Diss. Solids | SM2540C | mg/L | 28,800 | 29,600 | 29,400 | 29,900 | 29,800 | 29,600 | 29,600 | 29,600 | 29,300 | 29,600 | 30,000 |
| Turbidity | EPA 180.1 | NTU | 0.20 | 0.20 | 0.25 | 0.25 | 1.5 | 0.60 | 0.25 | 0.25 | 0.20 | 0.15 | 0.15 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.12 | 0.15 | 0.22 | 0.25 | 0.21 | 0.21 | 0.13 | 0.13 | 0.14 | 0.18 | 0.21 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - | - | - |

Notes:

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ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

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Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | |
|--|----------------------------|-------------|-------------------------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|
| | | | 21-Jun-17 | 28-Jun-17 | 5-Jul-17 | 12-Jul-17 | 19-Jul-17 | 26-Jul-17 | 2-Aug-17 | 9-Aug-17 | 16-Aug-17 | 23-Aug-17 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 112 | 114 | 114 | 115 | 114 | 114 | 113 | 114 | 113 | 114 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.29 | 0.36 | 0.36 | 0.23 | 0.28 | 0.22 | 0.21 | 0.23 | 0.22 | 0.28 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 137 | 139 | 139 | 140 | 139 | 139 | 138 | 139 | 138 | 139 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.77 | 3.33 | 3.3 | 2.44 | 3.33 | 3.40 | 2.92 | 3.28 | 3.45 | 3.74 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 51.9 | 51.0 | 52.2 | 55.3 | 56.5 | 57.9 | 59.1 | 55.8 | 54.9 | 39.8 |
| Calcium | EPA 200.7 | mg/L | 559 | 490 | 561 | 523 | 486 | 504 | 407 | 489 | 504 | 738 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 580 | 482 | 508 | 541 | 488 | 506 | 427 | 483 | 485 | 740 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 15,110 | 15,550 | 15,817 | 15,996 | 16,292 | 16,572 | 17,007 | 16,452 | 16,738 | 15,992 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 475.36 | 488.10 | 495.48 | 496.86 | 509.36 | 518.74 | 531.54 | 514.72 | 524.04 | 500.45 |
| Total Anions | Calculation | Meq/L | 475.36 | 488.10 | 495.48 | 496.86 | 509.36 | 518.74 | 531.54 | 514.72 | 524.04 | 500.45 |
| Dissolved Cations | Calculation | Meq/L | 526.04 | 508.51 | 529.93 | 502.41 | 499.74 | 499.71 | 497.53 | 499.13 | 487.85 | 520.31 |
| Total Cations | Calculation | Meq/L | 520.58 | 511.83 | 549.43 | 514.48 | 488.40 | 490.03 | 489.71 | 506.68 | 504.92 | 525.08 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 6,255 | 5,622 | 6,095 | 5,473 | 5,212 | 5,607 | 4,702 | 5,594 | 5,681 | 6,447 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 152 | 166 | 163 | 182 | 219 | 116 | 191 | 177 | 177 | 192 |
| Magnesium | EPA 200.7 | mg/L | 1,180 | 1,070 | 1,140 | 1,010 | 971 | 1,060 | 895 | 1,060 | 1,070 | 1,120 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,200 | 1,070 | 1,140 | 960 | 975 | 1,080 | 937 | 1,060 | 1,040 | 1,110 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | - | - | - | - | - | - | - | - | - | - |
| Nitrate as NO3 | EPA 300.0 | mg/L | 4 | 4 | 4 | 5 | 6 | 5 | 6 | 6 | 6 | 5 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 1.1 | 0.9 | 0.9 | 1.2 | 1.3 | 1.2 | 1.3 | 1.3 | 1.3 | 1.0 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.06 | 0.08 | 0.08 | 0.07 | 0.07 | 0.08 | 0.10 | 0.09 | 0.08 | 0.08 |
| pH (Field Test) | SM4500-H+B | pH | 7.12 | 7.18 | 7.18 | 7.18 | 7.18 | 7.01 | 7.00 | 7.00 | 7.00 | 7.00 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.2 | 7.3 | 6.9 | 7.2 | 7.3 | 7.2 | 7.3 | 7.2 | 7.4 | 7.2 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.06 | 0.08 | 0.08 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 | 0.08 | 0.08 |
| Potassium | EPA 200.7 | mg/L | 328 | 277 | 295 | 249 | 259 | 275 | 231 | 277 | 278 | 288 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 336 | 277 | 294 | 260 | 262 | 279 | 245 | 273 | 270 | 284 |
| QC Ratio TDS/SEC | Calculation | - | 0.64 | 0.67 | 0.66 | 0.67 | 0.66 | 0.68 | 0.67 | 0.69 | 0.68 | 0.70 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 28.3 | 28.1 | 28.3 | 28.0 | 27.9 | 28.1 | 28.4 | 28.0 | 28.7 | 28.5 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 18 | 12 | 10 | 11 | 14 | 17 | 10 | 13 | 17 | 15 |
| Sodium | EPA 200.7 | mg/L | 8,901 | 9,017 | 9,657 | 9,170 | 8,681 | 8,520 | 8,962 | 8,915 | 8,834 | 8,940 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 8,960 | 8,950 | 9,270 | 8,960 | 8,930 | 8,700 | 9,030 | 8,760 | 8,540 | 8,850 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 43,900 | 43,570 | 43,840 | 43,480 | 43,360 | 43,600 | 44,000 | 43,430 | 44,420 | 44,180 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 43,687 | 43,633 | 43,501 | 43,353 | 43,305 | 43,451 | 43,437 | 43,266 | 43,408 | 43,583 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,297 | 7,718 | 7,210 | 6,593 | 7,967 | 6,799 | 6,348 | 7,320 | 7,406 | 6,853 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,216 | 2,231 | 2,223 | 2,043 | 2,242 | 2,313 | 2,338 | 2,267 | 2,329 | 2,218 |
| Temperature (Field) | SM2550 | ° C | 15.6 | 15.4 | 16.3 | 15.5 | 15.5 | 15.7 | 15.8 | 15.7 | 15.9 | 15.9 |
| Total Diss. Solids | SM2540C | mg/L | 28,100 | 29,400 | 29,000 | 29,000 | 28,500 | 29,600 | 29,600 | 30,000 | 30,400 | 30,800 |
| Turbidity | EPA 180.1 | NTU | 0.15 | 0.60 | 0.10 | 0.05 | 0.20 | 0.10 | 0.25 | 0.25 | 0.30 | 0.15 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.13 | 0.26 | 0.34 | 0.24 | 0.17 | 0.18 | 0.15 | 0.15 | 0.13 | 0.08 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - | - |

Notes:

°C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micrograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | |
|--|----------------------------|-------------|-------------------------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|
| | | | 31-Aug-17 | 6-Sep-17 | 13-Sep-17 | 20-Sep-17 | 28-Sep-17 | 4-Oct-17 | 11-Oct-17 | 17-Oct-17 | 25-Oct-17 | 1-Nov-17 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 114 | 115 | 114 | 114 | 112 | 113 | 114 | 113 | 112 | 113 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.23 | 0.22 | 0.22 | 0.24 | 0.24 | 0.21 | 0.20 | 0.20 | 0.23 | 0.24 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 139 | 140 | 139 | 139 | 137 | 138 | 139 | 138 | 137 | 138 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.39 | 3.68 | 3.80 | 2.67 | 3.20 | 3.00 | 3.30 | 3.00 | 3.00 | 2.52 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 53.2 | 56.1 | 56.1 | 53.7 | 56.0 | 56.0 | 57.7 | 57.8 | 55.5 | 55.3 |
| Calcium | EPA 200.7 | mg/L | 759 | 404 | 535 | 535 | 520 | 440 | 476 | 580 | 447 | 392 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 824 | 456 | 499 | 515 | 450 | 410 | 502 | 458 | 447 | 400 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 16,661 | 16,432 | 16,200 | 16,100 | 16,500 | 16,100 | 16,500 | 17,100 | 17,000 | 16,400 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | ND | 3 | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 520.32 | 512.79 | 506.32 | 503.25 | 515.78 | 504.91 | 515.40 | 532.93 | 531.32 | 513.36 |
| Total Anions | Calculation | Meq/L | 520.32 | 512.79 | 506.32 | 503.25 | 515.78 | 504.91 | 515.40 | 532.93 | 531.32 | 513.36 |
| Dissolved Cations | Calculation | Meq/L | 497.84 | 515.38 | 516.67 | 517.83 | 447.57 | 458.17 | 512.27 | 482.68 | 473.64 | 506.73 |
| Total Cations | Calculation | Meq/L | 508.00 | 529.94 | 548.05 | 516.68 | 521.57 | 460.18 | 488.57 | 506.41 | 459.71 | 496.32 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.6 | 0.5 | 0.6 | 0.7 | 0.5 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 6,200 | 5,750 | 6,210 | 5,980 | 6,240 | 5,220 | 5,260 | 5,780 | 4,870 | 4,770 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 214 | 226 | 170 | 153 | 200 | 169 | 172 | 171 | 192 | 227 |
| Magnesium | EPA 200.7 | mg/L | 1,068 | 1,030 | 1,180 | 1,130 | 1,200 | 1,000 | 988 | 1,050 | 1,020 | 921 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,024 | 918 | 1,120 | 1,110 | 990 | 1,000 | 1,050 | 1,020 | 1,030 | 932 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | 1.2 | 1.3 | 1.6 | 1.4 | 1.5 | 1.2 | 1.2 | 1.2 | 1.3 | 1.2 |
| Nitrate as NO3 | EPA 300.0 | mg/L | 5 | 6 | 7 | 6 | 7 | 5 | 6 | 5 | 6 | 5 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 1.2 | 1.3 | 1.6 | 1.4 | 1.5 | 1.2 | 1.2 | 1.2 | 1.3 | 1.2 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 4 | 1 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.08 | 0.07 | 0.08 | 0.08 | 0.07 | 0.07 | 0.08 | 0.08 | 0.07 | 0.07 |
| pH (Field Test) | SM4500-H+B | pH | 7.00 | 7.01 | 7.17 | 7.17 | 7.06 | 7.04 | 7.04 | 7.30 | 7.05 | 7.04 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.4 | 7.2 | 7.2 | 7.2 | 7.2 | 6.7 | 7.2 | 7.2 | 7.1 | 7.1 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.08 | 0.08 | 0.09 | 0.08 | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| Potassium | EPA 200.7 | mg/L | 279 | 290 | 311 | 283 | 380 | 310 | 266 | 340 | 251.0 | 285 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 269 | 269 | 283 | 295 | 510 | 460 | 279 | 274 | 254.0 | 284 |
| QC Ratio TDS/SEC | Calculation | - | 0.67 | 0.68 | 0.68 | 0.66 | 0.67 | 0.66 | 0.69 | 0.70 | 0.70 | 0.68 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 28.2 | 28.2 | 28.4 | 28.4 | 28.4 | 28.4 | 28.5 | 28.4 | 28.6 | 28.8 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 14 | 12 | 10 | 13 | 13 | 13 | 9 | ND | ND | 19 |
| Sodium | EPA 200.7 | mg/L | 8,623 | 9,600 | 9,570 | 8,960 | 8,900 | 8,000 | 8,660 | 8,790 | 7,980 | 9,050 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 8,404 | 9,430 | 9,020 | 9,040 | 7,600 | 7,900 | 9,050 | 8,480 | 8,270 | 9,260 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 43,710 | 43,810 | 44,080 | 44,030 | 44,080 | 44,100 | 44,130 | 44,080 | 44,350 | 44,590 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 43,261 | 43,510 | 43,920 | 43,820 | 43,860 | 44,050 | 44,170 | 44,160 | 44,510 | 44,590 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 6,822 | 7,060 | 6,510 | 5,900 | 7,770 | 8,280 | 7,700 | 7,770 | 7,180 | 7,120 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,271 | 2,262 | 2,220 | 2,210 | 2,270 | 2,290 | 2,250 | 2,280 | 2,340 | 2,290 |
| Temperature (Field) | SM2550 | ° C | 15.9 | 16.0 | 16.1 | 16.3 | 16.2 | 16.1 | 16.1 | 16.2 | 16.2 | 16.2 |
| Total Diss. Solids | SM2540C | mg/L | 29,400 | 29,700 | 29,800 | 29,100 | 29,700 | 29,300 | 30,600 | 30,900 | 31,100 | 30,300 |
| Turbidity | EPA 180.1 | NTU | 0.10 | 0.20 | 0.15 | 0.35 | 0.15 | 0.15 | 0.30 | 0.10 | 0.15 | 0.05 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.20 | 0.18 | 0.05 | 0.07 | 0.14 | 0.28 | 0.08 | 0.08 | 0.35 | 0.20 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - | - |

Notes:

°C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micrograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | | | | | |
|--|----------------------------|-------------|-------------------------|-----------|-----------|-----------|----------|-----------|-----------|----------|-----------|-----------|
| | | | 8-Nov-17 | 15-Nov-17 | 22-Nov-17 | 30-Nov-17 | 6-Dec-17 | 13-Dec-17 | 20-Dec-17 | 4-Jan-18 | 10-Jan-18 | 17-Jan-18 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 112 | 112 | 113 | 112 | 111 | 112 | 112 | 112 | 104 | 111 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.25 | 0.26 | 0.28 | 0.25 | 0.25 | 0.26 | 0.25 | 0.24 | 0.24 | 0.27 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 137 | 137 | 138 | 137 | 135 | 137 | 137 | 137 | 127 | 135 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.50 | 3.60 | 3.10 | 3.60 | 3.1 | 3.3 | 3.4 | 3.7 | 3.8 | 3.82 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 56.2 | 53.2 | 52.3 | 52.8 | 53.2 | 58.9 | 59.9 | 58.0 | 55.9 | 54.4 |
| Calcium | EPA 200.7 | mg/L | 565 | 509 | 484 | 746 | 479 | 414 | 447 | 730 | 442 | 473 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 542 | 496 | 496 | 710 | 466 | 478 | 485 | 745 | 496 | 466 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 16,400 | 16,200 | 17,200 | 16,800 | 16,400 | 16,400 | 17,100 | 17,100 | 16,500 | 16,500 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 513.14 | 508.09 | 541.29 | 525.62 | 513.69 | 513.37 | 533.76 | 537.72 | 515.79 | 516.32 |
| Total Anions | Calculation | Meq/L | 513.14 | 508.09 | 541.29 | 525.62 | 513.69 | 513.37 | 533.76 | 537.72 | 515.79 | 516.32 |
| Dissolved Cations | Calculation | Meq/L | 512.96 | 491.61 | 467.56 | 510.36 | 490.44 | 510.03 | 522.47 | 517.31 | 498.00 | 509.74 |
| Total Cations | Calculation | Meq/L | 548.24 | 458.49 | 463.09 | 507.82 | 494.33 | 480.40 | 478.29 | 536.73 | 510.55 | 520.15 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.7 | 0.9 | 0.7 | 0.5 | 0.6 | 0.9 | 0.7 | 0.4 | 0.8 | 0.5 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 6,250 | 5,440 | 5,060 | 6,290 | 4,820 | 5,030 | 5,180 | 6,510 | 5,370 | 5,930 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 160 | 176 | 162 | 136 | 177 | 118 | 199 | 174 | 176 | 252 |
| Magnesium | EPA 200.7 | mg/L | 1,180 | 969 | 936 | 1,070 | 1,050 | 972 | 987 | 1,140 | 1,040 | 1,150 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,110 | 1,080 | 942 | 1,100 | 1,040 | 1,020 | 1,050 | 1,200 | 1,070 | 1,170 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | 1.1 | 1.2 | 1.0 | 1.0 | 0.9 | 1.1 | 1.2 | 1.4 | 1.1 | 1.0 |
| Nitrate as NO3 | EPA 300.0 | mg/L | 5 | 5 | ND | 4.3 | 4 | 5 | 5 | 6 | 5 | 4 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 1.1 | 1.2 | 1.0 | 1.0 | 0.9 | 1.1 | 1.2 | 1.4 | 1.1 | 1.0 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.08 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 |
| pH (Field Test) | SM4500-H+B | pH | 7.05 | 7.05 | 7.05 | 7.01 | 7.03 | 7.02 | 7.02 | 7.02 | 7.23 | 7.05 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.2 | 7.1 | 7.2 | 7.6 | 7.0 | 7.2 | 7.2 | 7.1 | 7.2 | 7.2 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.08 | 0.08 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.08 | 0.08 |
| Potassium | EPA 200.7 | mg/L | 328 | 262 | 238 | 275 | 282 | 272 | 264 | 297 | 293 | 322.0 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 307 | 288 | 251 | 282.0 | 281 | 284 | 286 | 319 | 298 | 322.0 |
| QC Ratio TDS/SEC | Calculation | - | 0.67 | 0.68 | 0.68 | 0.69 | 0.68 | 0.68 | 0.67 | 0.66 | 0.69 | 0.67 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 28.8 | 28.5 | 28.5 | 28.7 | 28.8 | 28.8 | 28.7 | 28.7 | 28.8 | 28.9 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 16 | 22 | 13 | 11 | 12 | 16 | 15 | 15 | 17 | 29 |
| Sodium | EPA 200.7 | mg/L | 9,530 | 7,970 | 8,180 | 8,630 | 8,670 | 8,570 | 8,460 | 9,170 | 9,090 | 9,050 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 8,890 | 8,520 | 8,250 | 8,680 | 8,610 | 9,080 | 9,300 | 8,580 | 8,680 | 8,970 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 44,530 | 44,190 | 44,130 | 44,420 | 44,600 | 44,610 | 44,460 | 44,450 | 44,530 | 44,680 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 44,580 | 44,520 | 44,490 | 44,790 | 45,010 | 44,930 | 44,980 | 45,050 | 45,660 | 45,600 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 6,200 | 7,130 | 7,900 | 8,250 | 8,110 | 8,970 | 8,830 | 7,480 | 7,740 | 7,060 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,280 | 2,310 | 2,550 | 2,300 | 2,310 | 2,290 | 2,320 | 2,510 | 2,280 | 2,300 |
| Temperature (Field) | SM2550 | ° C | 16.3 | 16.2 | 16.1 | 16.0 | 15.7 | 15.7 | 15.6 | 15.5 | 15.5 | 15.3 |
| Total Diss. Solids | SM2540C | mg/L | 29,900 | 30,100 | 30,100 | 30,500 | 30,500 | 30,400 | 29,600 | 29,500 | 30,700 | 29,800 |
| Turbidity | EPA 180.1 | NTU | 0.10 | 0.15 | 0.15 | 0.10 | 0.10 | 0.10 | 0.15 | 0.15 | 0.10 | 0.30 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.07 | 0.11 | 0.08 | 0.07 | 0.17 | 0.20 | 0.21 | 0.10 | 0.17 | 0.17 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - | - |

Notes:

°C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micrograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

Table 2: Summary of Test Slant Well Laboratory Water Quality Results

| Constituent | Method | Units | Sample Collection Date: | | | | | |
|--|----------------------------|-------------|-------------------------|-----------|----------|-----------|-----------|-----------|
| | | | 25-Jan-18 | 31-Jan-18 | 7-Feb-18 | 14-Feb-18 | 21-Feb-18 | 28-Feb-18 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 111 | 112 | 110 | 109 | 109 | 110 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.23 | 0.23 | 0.26 | 0.26 | 0.25 | 0.20 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 135 | 137 | 134 | 133 | 133 | 134 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.5 | 3.4 | 3.4 | 3.3 | 3.2 | 3.5 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 52.1 | 49.4 | 55.3 | 48.4 | 56.4 | 55.2 |
| Calcium | EPA 200.7 | mg/L | 484 | 465 | 516 | 485 | 491 | 549 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 464 | 487 | 496 | 490 | 465 | 553 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 16,800 | 16,600 | 16,700 | 16,400 | 16,800 | 16,500 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | 3 | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 526.03 | 519.31 | 522.37 | 512.05 | 523.30 | 517.56 |
| Total Anions | Calculation | Meq/L | 526.03 | 519.31 | 522.37 | 512.05 | 523.30 | 517.56 |
| Dissolved Cations | Calculation | Meq/L | 509.32 | 509.73 | 529.93 | 534.21 | 506.57 | 524.34 |
| Total Cations | Calculation | Meq/L | 489.40 | 477.11 | 542.33 | 518.66 | 533.73 | 525.01 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.5 | 0.5 | 0.5 | 0.7 | 0.7 | 0.7 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 5,600 | 5,560 | 5,980 | 5,530 | 5,580 | 6,070 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351 | mg/L | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 87 | 179 | 170 | 180 | 163 | 157 |
| Magnesium | EPA 200.7 | mg/L | 1,070 | 1,070 | 1,140 | 1,050 | 1,060 | 1,140 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,120 | 1,120 | 1,120 | 1,060 | 1,010 | 1,130 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | 1.3 | 1.0 | 1.0 | 0.8 | 0.8 | 0.9 |
| Nitrate as NO3 | EPA 300.0 | mg/L | 5.6 | 4 | 4 | 3.6 | 4 | 4 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 1.3 | 1.0 | 1.0 | 0.8 | 0.8 | 0.9 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 1 | 1 | 1 | 1 | 1 | 1 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 |
| pH (Field Test) | SM4500-H+B | pH | 7.06 | 7.09 | 7.08 | 7.09 | 7.10 | 7.10 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.4 | 7.2 | 7.3 | 7.2 | 7.1 | 7.3 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.08 | 0.08 | 0.07 | 0.07 | 0.08 | 0.08 |
| Potassium | EPA 200.7 | mg/L | 274 | 273 | 304 | 290 | 291 | 294 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 285 | 290 | 297 | 295 | 274 | 292 |
| QC Ratio TDS/SEC | Calculation | - | 0.67 | 0.69 | 0.67 | 0.67 | 0.71 | 0.69 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 28.8 | 28.8 | 28.8 | 28.8 | 28.5 | 28.8 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 16 | 15 | 17 | 15 | 14 | 18 |
| Sodium | EPA 200.7 | mg/L | 8,510 | 8,250 | 9,540 | 9,210 | 9,530 | 9,110 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 8,890 | 8,870 | 9,320 | 9,540 | 9,040 | 9,100 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 44,640 | 44,570 | 44,560 | 44,520 | 44,120 | 44,520 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 45,680 | 44,890 | 44,750 | 44,840 | 44,770 | 44,930 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,280 | 7,440 | 7,520 | 7,390 | 7,130 | 7,180 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,360 | 2,310 | 2,320 | 2,250 | 2,230 | 2,360 |
| Temperature (Field) | SM2550 | ° C | 15.1 | 15.1 | 15.3 | 15.2 | 15.1 | 15.1 |
| Total Diss. Solids | SM2540C | mg/L | 29,900 | 30,600 | 30,000 | 29,900 | 31,300 | 30,600 |
| Turbidity | EPA 180.1 | NTU | 0.20 | 0.05 | 0.15 | 0.25 | 0.15 | 0.15 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.13 | 0.14 | 0.08 | 0.09 | 0.11 | 0.08 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - |

Notes:

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 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micrograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

**Table 3: Summary of Quarterly and Semiannual Monitoring Well
 Laboratory Water Quality Results Following Long-Term Pumping Test**

| Constituent | Method | Units | Monitoring Well Name: | | | | | | MW-4S | | |
|--|------------------------------|-------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|-----------------|
| | | | MW-1S | MW-1M | MW-1D | MW-3S | MW-3M | MW-3D | 27-Apr-18 13:04 | 27-Apr-18 13:19 | 27-Apr-18 13:34 |
| | | | 24-Apr-18 | 24-Apr-18 | 24-Apr-18 | 25-Apr-18 | 25-Apr-18 | 25-Apr-18 | | | |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 103 | 106 | 119 | 98 | 91 | 118 | 70 | 70 | 68 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.13 | 0.13 | 0.67 | 0.27 | 0.15 | 0.49 | 0.2 | 0.18 | 0.18 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | 118 | ND | ND | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 126 | 129 | 145 | 120 | 111 | 144 | 85 | 85 | 83 |
| Boron, Dissolved | EPA 200.7 | mg/L | 4.01 | 3.91 | 1.33 | 2.50 | 2.7 | 1.21 | 0.73 | 0.74 | 0.75 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 47.6 | 54.4 | 46.8 | 42.7 | 48.0 | 53.6 | 12.9 | 13.0 | 12.7 |
| Calcium | EPA 200.7 | mg/L | 411 | 445 | 2,400 | 614 | 753 | 2,370 | 427 | 432 | 443 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 390 | 442 | 2,460 | 608 | 728 | 2,260 | 429 | 434 | 444 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 17,200 | 19,400 | 16,900 | 13,300 | 15,200 | 16,600 | 4,290 | 4,340 | 4,300 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | 4 | ND | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 571.07 | 605.32 | 528.28 | 417.18 | 475.69 | 519.48 | 135.18 | 136.36 | 135.19 |
| Total Anions | Calculation | Meq/L | 571.07 | 605.32 | 528.28 | 417.18 | 475.69 | 519.48 | 135.18 | 136.36 | 135.19 |
| Dissolved Cations | Calculation | Meq/L | 552.35 | 650.58 | 533.55 | 413.94 | 481.52 | 565.93 | 139.50 | 136.36 | 142.77 |
| Total Cations | Calculation | Meq/L | 557.83 | 659.35 | 529.97 | 419.19 | 496.84 | 578.90 | 139.55 | 140.52 | 141.91 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.2 | 0.1 | 0.2 | 0.9 | 0.3 | 0.6 | 0.1 | ND | ND |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 6,690 | 6,600 | 11,300 | 5,230 | 6,140 | 11,800 | 2,420 | 2,420 | 2,490 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M & EPA 314.0 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | 261 | ND | ND | 244 | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | 189 | ND | ND | 244 | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351.2 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 193 | 197 | 273 | 114 | 151 | 265 | 15 | 15 | 14 |
| Magnesium | EPA 200.7 | mg/L | 1,380 | 1,330 | 1,290 | 897 | 1,040 | 1,420 | 328 | 326 | 336 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,310 | 1,330 | 1,380 | 910 | 1,100 | 1,340 | 326 | 327 | 335 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | 68 | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | 1.0 | 1.0 | 0.8 | 2.0 | 1.8 | 1.0 | 5.0 | 5.0 | 5.0 |
| Nitrate as NO3 | EPA 300.0 | mg/L | 4.4 | 4.3 | 3.6 | 8.9 | 7.9 | 4.4 | 22 | 22 | 22 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 1.0 | 1.0 | 0.8 | 2.0 | 1.8 | 1.0 | 5.0 | 5.0 | 5.0 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | ND | ND | 2 | ND | ND | 2 | ND | ND | ND |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.04 | 0.05 | 0.02 | 0.11 | 0.05 | 0.03 | 0.07 | 0.07 | 0.07 |
| pH (Field Test) | SM4500-H+B | pH | 6.96 | 6.64 | 6.16 | 6.62 | 6.55 | 6.47 | 6.92 | 6.90 | 6.90 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.1 | 7.1 | 6.7 | 7.0 | 7.0 | 6.8 | 7.1 | 7.1 | 7.2 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.03 | 0.04 | ND | 0.10 | 0.06 | ND | 0.06 | 0.06 | 0.06 |
| Potassium | EPA 200.7 | mg/L | 428 | 393 | 67.5 | 213 | 239 | 73.4 | 30.2 | 30.7 | 31.6 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 400 | 396 | 73.3 | 216 | 244 | 72.2 | 30.8 | 31.1 | 32.4 |
| QC Ratio TDS/SEC | Calculation | - | 0.67 | 0.68 | 0.7 | 0.65 | 0.65 | 0.73 | 0.72 | 0.71 | 0.65 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 36.4 | 36.2 | 31.5 | 25.7 | 29.1 | 31.6 | 8.3 | 8.2 | 8.2 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 13 | 19 | 34 | 16 | 22 | 31 | 28 | 29 | 30 |
| Sodium | EPA 200.7 | mg/L | 9,490 | 11,900 | 6,950 | 7,110 | 8,450 | 7,860 | 2,080 | 2,100 | 2,100 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 9,540 | 11,700 | 6,790 | 6,970 | 8,010 | 7,840 | 2,080 | 2,000 | 2,120 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 49,600 | 49,430 | 43,640 | 36,260 | 40,570 | 43,750 | 12,910 | 12,770 | 12,760 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 50,930 | 50,580 | 44,580 | 36,940 | 41,510 | 44,700 | 13,020 | 13,000 | 12,990 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 6,600 | 7,010 | 14,300 | 7,280 | 8,700 | 15,200 | 3,380 | 3,260 | 3,250 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 2,700 | 2,650 | 2,330 | 1,890 | 2,130 | 2,310 | 588 | 577 | 577 |
| Temperature (Field) | SM2550 | ° C | 14.5 | 16.0 | 19.3 | 17.3 | 17.7 | 19.4 | 17.8 | 17.8 | 17.8 |
| Total Diss. Solids | SM2540C | mg/L | 33,200 | 33,600 | 30,700 | 23,500 | 26,400 | 31,800 | 9,300 | 9,100 | 8,300 |
| Turbidity | EPA 180.1 | NTU | 0.60 | 0.10 | 0.35 | 0.10 | 0.20 | 0.35 | 0.10 | 0.10 | 0.10 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.19 | 0.21 | 0.77 | 0.310 | 0.18 | 0.37 | 0.08 | 0.07 | 0.09 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - |

Notes:

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 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
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ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

**Table 3: Summary of Quarterly and Semiannual Monitoring Well
 Laboratory Water Quality Results Following Long-Term Pumping Test**

| Constituent | Method | Units | Monitoring Well Name: MW-4S | | | Monitoring Well Name: MW-4M | | | | |
|--|------------------------------|-------------|-----------------------------|-----------------|-----------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|
| | | | Sample Collection Date: | | | 27-Apr-18 11:47 | 27-Apr-18 12:02 | 27-Apr-18 12:17 | 25-Jul-18 12:22 | 25-Jul-18 12:37 |
| | | | 25-Jul-18 13:40 | 25-Jul-18 13:55 | 25-Jul-18 14:10 | Result | Result | Result | Result | Result |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 68 | 68 | 68 | 97 | 96 | 97 | 96 | 97 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.22 | 0.20 | 0.19 | 0.089 | 0.094 | 0.090 | 0.09 | 0.09 |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | 101 | 103 |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 83 | 83 | 83 | 118 | 117 | 118 | 117 | 118 |
| Boron, Dissolved | EPA 200.7 | mg/L | 0.69 | 0.61 | 0.61 | 1.6 | 1.6 | 1.6 | 1.45 | 1.46 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 12.7 | 12.5 | 12.5 | 36.7 | 35.1 | 36.4 | 39.4 | 43.7 |
| Calcium | EPA 200.7 | mg/L | 419 | 389 | 401 | 1,220 | 1,240 | 1,240 | 1,330 | 1,310 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 388 | 343 | 351 | 1,240 | 1,230 | 1,230 | 1,270 | 1,290 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 4,150 | 4,130 | 4,090 | 12,800 | 12,300 | 12,700 | 12,200 | 14,000 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 130.73 | 130.60 | 129.01 | 398.57 | 384.42 | 395.55 | 379.94 | 435.79 |
| Total Anions | Calculation | Meq/L | 130.73 | 130.60 | 129.01 | 398.57 | 384.42 | 395.55 | 379.94 | 435.79 |
| Dissolved Cations | Calculation | Meq/L | 127.80 | 113.22 | 118.93 | 406.67 | 404.78 | 401.27 | 395.61 | 385.43 |
| Total Cations | Calculation | Meq/L | 126.22 | 109.34 | 115.47 | 403.52 | 409.19 | 404.41 | 407.29 | 379.78 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 2,050 | 1,850 | 1,910 | 7,120 | 7,220 | 7,240 | 7,220 | 7,040 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M & EPA 314.0 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351.2 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 17 | 17 | 17 | 42 | 40 | 41 | 47 | 47 |
| Magnesium | EPA 200.7 | mg/L | 244 | 212 | 221 | 986 | 1,000 | 1,000 | 947 | 916 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 314 | 287 | 293 | 996 | 1,000 | 984 | 957 | 949 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | 5.3 | 5.2 | 5.2 | 1.4 | 1.4 | 1.6 | 0.8 | 0.8 |
| Nitrate as NO3 | EPA 300.0 | mg/L | 23 | 23 | 23 | 6.4 | 6.4 | 6.9 | 3.5 | 3.5 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 5.3 | 5.2 | 5.2 | 1.4 | 1.4 | 1.6 | 0.8 | 0.8 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | ND | ND | ND | ND | 2 | ND | ND | ND |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.07 | 0.08 | 0.08 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| pH (Field Test) | SM4500-H+B | pH | 6.98 | 6.96 | 6.96 | 6.64 | 6.64 | 6.64 | 6.68 | 6.68 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.1 | 7.1 | 7.1 | 6.9 | 6.9 | 6.8 | 6.8 | 6.8 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.06 | 0.06 | 0.06 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 |
| Potassium | EPA 200.7 | mg/L | 32.8 | 27.6 | 27.8 | 70.8 | 72.1 | 72.5 | 78.0 | 76.7 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 31.9 | 27.8 | 29.0 | 71.6 | 72.4 | 71.7 | 80.2 | 77.1 |
| QC Ratio TDS/SEC | Calculation | - | 0.65 | 0.69 | 0.67 | 0.68 | 0.68 | 0.67 | 0.74 | 0.74 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 7.9 | 7.8 | 7.9 | 23.5 | 23.9 | 23.9 | 23.1 | 23.2 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 23 | 20 | 20 | 30 | 30 | 29 | 26 | 24 |
| Sodium | EPA 200.7 | mg/L | 1,940 | 1,650 | 1,760 | 5,970 | 6,050 | 5,940 | 6,000 | 5,450 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 1,880 | 1,650 | 1,760 | 6,000 | 5,960 | 5,910 | 5,780 | 5,540 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 12,350 | 12,230 | 12,300 | 33,510 | 34,050 | 34,030 | 32,950 | 33,130 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 12,510 | 12,490 | 12,480 | 34,850 | 34,860 | 34,830 | 33,790 | 33,810 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 2,830 | 2,870 | 2,820 | 10,400 | 10,300 | 10,300 | 9,450 | 9,530 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 565 | 586 | 564 | 1,680 | 1,680 | 1,670 | 1,600 | 1,840 |
| Temperature (Field) | SM2550 | ° C | 17.9 | 17.9 | 17.9 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 |
| Total Diss. Solids | SM2540C | mg/L | 8,000 | 8,400 | 8,200 | 22,700 | 23,100 | 22,800 | 24,400 | 24,400 |
| Turbidity | EPA 180.1 | NTU | 0.05 | 0.05 | 0.05 | 0.10 | 0.05 | 0.10 | 0.10 | 0.10 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.26 | 0.33 | 0.10 | 0.07 | 0.06 | 0.06 | 0.08 | 0.11 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - |

Notes:
 °C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

**Table 3: Summary of Quarterly and Semiannual Monitoring Well
 Laboratory Water Quality Results Following Long-Term Pumping Test**

| Constituent | Method | Units | Monitoring Well Name: | | MW-4D | | | | | | MW-5S(P) |
|--|------------------------------|-------------|-----------------------|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | | | MW-4M | | 25-Jul-18 12:52 | 27-Apr-18 09:32 | 27-Apr-18 09:47 | 27-Apr-18 10:02 | 25-Jul-18 10:12 | 25-Jul-18 10:27 | 25-Jul-18 10:42 |
| Sample Collection Date: | | | Result | Result | Result | Result | Result | Result | Result | Result | Result |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 96 | 118 | 116 | 116 | 114 | 114 | 114 | 114 | 66 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | 40 |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.09 | 0.36 | 0.36 | 0.35 | 0.36 | 0.35 | 0.35 | 0.35 | 0.2 |
| Barium, Dissolved | EPA 200.8 | µg/L | 103 | 117 | 114 | 122 | 139 | 136 | 147 | 113 | 113 |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 117 | 144 | 142 | 142 | 139 | 139 | 139 | 139 | 80 |
| Boron, Dissolved | EPA 200.7 | mg/L | 1.47 | 1.1 | 1.0 | 1.0 | 0.87 | 0.82 | 0.88 | 0.88 | 0.06 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 41.3 | 43.0 | 43.5 | 44.1 | 52.6 | 52.5 | 50.9 | 3.3 | 3.3 |
| Calcium | EPA 200.7 | mg/L | 1,310 | 3,020 | 2,930 | 2,990 | 2,790 | 2,900 | 2,940 | 154 | 154 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 1,240 | 2,960 | 2,980 | 3,030 | 2,800 | 2,890 | 2,990 | 148 | 148 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 12,600 | 14,900 | 14,900 | 15,100 | 15,700 | 15,500 | 15,500 | 299 | 299 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | 3 | ND | ND | 3 | 3 | 3 | 3 | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 392.30 | 463.47 | 464.07 | 469.71 | 487.90 | 481.63 | 481.61 | 18.98 | 18.98 |
| Total Anions | Calculation | Meq/L | 392.30 | 463.47 | 464.07 | 469.71 | 487.90 | 481.63 | 481.61 | 18.98 | 18.98 |
| Dissolved Cations | Calculation | Meq/L | 379.71 | 482.35 | 492.48 | 490.08 | 449.04 | 460.90 | 467.89 | 19.40 | 19.40 |
| Total Cations | Calculation | Meq/L | 383.80 | 493.30 | 477.42 | 488.52 | 439.94 | 475.13 | 465.53 | 19.56 | 19.56 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | ND | 0.1 | ND |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 7,080 | 7,770 | 11,800 | 12,000 | 11,300 | 11,800 | 11,800 | 668 | 668 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M & EPA 314.0 | µg/L | ND | ND | ND | ND | ND | 3.6 | 3 | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | 33 | ND | ND | ND | ND | ND | 90 |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351.2 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 47 | 226 | 218 | 226 | 307 | 298 | 308 | 10 | 10 |
| Magnesium | EPA 200.7 | mg/L | 922 | 1,110 | 1,080 | 1,110 | 1,040 | 1,100 | 1,080 | 69 | 69 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 936 | 1,090 | 1,090 | 1,120 | 1,040 | 1,070 | 1,100 | 67 | 67 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | 0.9 | 0.9 | 0.9 | 0.9 | 0.1 | 0.1 | 0.1 | 0.1 | 61.5 |
| Nitrate as NO3 | EPA 300.0 | mg/L | 4 | 3.9 | 3.9 | 3.9 | ND | ND | ND | ND | 270 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 0.9 | 0.9 | 0.9 | 0.9 | 0.1 | 0.1 | 0.1 | 0.1 | 61.5 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | ND | ND | ND | 2 | ND | ND | ND | 2 | 2 |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.06 |
| pH (Field Test) | SM4500-H+B | pH | 6.68 | 6.55 | 6.55 | 6.55 | 6.58 | 6.58 | 6.58 | 6.58 | 6.32 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 6.9 | 6.8 | 6.8 | 6.8 | 6.7 | 6.8 | 6.8 | 6.8 | 6.5 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.03 | ND | ND | ND | ND | ND | ND | ND | 0.05 |
| Potassium | EPA 200.7 | mg/L | 78.2 | 54.9 | 52.8 | 52.2 | 60.8 | 59.4 | 61.6 | 4.3 | 4.3 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 78.1 | 52.7 | 52.8 | 53.9 | 56.9 | 61.2 | 59.9 | 4.2 | 4.2 |
| QC Ratio TDS/SEC | Calculation | - | 0.70 | 0.75 | 0.72 | 0.74 | 0.81 | 0.80 | 0.81 | 0.81 | 0.70 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | 22.8 | 27.9 | 27.8 | 28.0 | 28.0 | 28.1 | 28.1 | NA | NA |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 26 | 36 | 34 | 37 | 31 | 30 | 32 | 42 | 42 |
| Sodium | EPA 200.7 | mg/L | 5,530 | 5,740 | 5,540 | 5,670 | 4,910 | 5,480 | 5,250 | 140 | 140 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 5,490 | 5,600 | 5,810 | 5,640 | 5,110 | 5,220 | 5,210 | 147 | 147 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 32,650 | 39,050 | 38,940 | 39,220 | 39,290 | 39,300 | 39,330 | 1,941 | 1,941 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 33,810 | 40,180 | 40,160 | 40,140 | 40,280 | 40,270 | 40,300 | 2,544 | 2,544 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 9,330 | 15,800 | 15,400 | 15,700 | 15,300 | 14,900 | 15,000 | 1,390 | 1,390 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 1,650 | 1,930 | 1,960 | 1,960 | 2,020 | 1,990 | 1,990 | 230 | 230 |
| Temperature (Field) | SM2550 | ° C | 18.0 | 19.9 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 17.0 |
| Total Diss. Solids | SM2540C | mg/L | 22,900 | 29,400 | 28,200 | 28,900 | 32,900 | 32,400 | 32,400 | 1,350 | 1,350 |
| Turbidity | EPA 180.1 | NTU | 0.10 | 0.25 | 0.35 | 0.15 | 0.30 | 0.25 | 0.30 | 1.80 | 1.80 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.09 | 0.07 | 0.1 | 0.14 | 0.13 | 0.130 | 0.09 | 4.8 | 4.8 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - |

Notes:

°C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

**Table 3: Summary of Quarterly and Semiannual Monitoring Well
 Laboratory Water Quality Results Following Long-Term Pumping Test**

| Constituent | Method | Units | Monitoring Well Name: | | | | | | | | | |
|--|------------------------------|-------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | MW-5M | MW-5D | MW-6S | MW-6M(L) | MW-6D | MW-7S | MW-7M | MW-7D | MW-8S | MW-8M |
| Sample Collection Date: | | | 23-Apr-18 | 24-Apr-18 | 23-Apr-18 | 23-Apr-18 | 23-Apr-18 | 25-Apr-18 | 25-Apr-18 | 25-Apr-18 | 24-Apr-18 | 24-Apr-18 |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 166 | 114 | 456 | 386 | 108 | 20 | 82 | 103 | 330 | 144 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | 6 | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | ND | 0.6 | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 1.5 | 0.4 | 8.70 | 1.50 | 0.49 | 0.12 | 0.09 | 0.50 | 0.26 | 0.34 |
| Barium, Dissolved | EPA 200.8 | µg/L | 78 | 392 | 219 | 133 | 264 | 249 | 377 | ND | 107 | ND |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 203 | 139 | 556 | 471 | 132 | 24 | 100 | 126 | 403 | 176 |
| Boron, Dissolved | EPA 200.7 | mg/L | 0.12 | ND | 0.28 | 0.26 | ND | ND | ND | 1.95 | 0.25 | 1.3 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 0.3 | 4.9 | 0.9 | 0.4 | 3.7 | 1.2 | 8.7 | 43.2 | 1.0 | 35.5 |
| Calcium | EPA 200.7 | mg/L | 83 | 520 | 180 | 118 | 507 | 134 | 823 | 1,490 | 133 | 1,420 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 82 | 524 | 183 | 119 | 500 | 134 | 811 | 1,500 | 135 | 1,310 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 108 | 1,640 | 185 | 142 | 1,210 | 431 | 2,560 | 13,700 | 313 | 11,300 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | 7 | 4 | ND | 5 | ND | ND | 3 | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - | - | - | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 9.26 | 50.53 | 22.62 | 14.74 | 38.47 | 17.18 | 78.33 | 430.44 | 23.12 | 354.47 |
| Total Anions | Calculation | Meq/L | 9.26 | 50.53 | 22.62 | 14.74 | 38.47 | 17.18 | 78.33 | 430.44 | 23.12 | 354.47 |
| Dissolved Cations | Calculation | Meq/L | 8.99 | 48.62 | 23.18 | 14.75 | 37.91 | 17.30 | 77.15 | 435.37 | 23.34 | 386.44 |
| Total Cations | Calculation | Meq/L | 9.25 | 48.21 | 23.08 | 15.35 | 38.90 | 17.53 | 79.35 | 442.68 | 22.72 | 382.44 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.2 | 0.1 | 0.2 | 0.1 | ND | 0.4 | 0.3 | 0.8 | 0.3 | 0.5 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 313 | 2,070 | 751 | 466 | 1,760 | 609 | 3,110 | 7,530 | 567 | 6,360 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M & EPA 314.0 | µg/L | ND | ND | 1,030 | ND |
| Iron | EPA 200.7 | µg/L | ND | ND | 233 | ND | ND | 33 | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | 19 | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351.2 | mg/L | ND | ND | 0.8 | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 6 | 65 | 7 | 20 | 40 | 3 | 26 | 179 | 4 | 106 |
| Magnesium | EPA 200.7 | mg/L | 26 | 188 | 73 | 42 | 121 | 66 | 255 | 925 | 57 | 683 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 25 | 190 | 75 | 41 | 119 | 67 | 251 | 941 | 58 | 703 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | 3,140 | 308 | 104 | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | 3,090 | 314 | 104 | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | 0.06 | ND | 0.07 | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | 15.4 | 1.3 | 0.2 | 0.2 | 1.2 | 45.3 | 4.5 | 1.9 | 27.6 | 1.4 |
| Nitrate as NO3 | EPA 300.0 | mg/L | 68 | 5.8 | 1 | 1 | 5.5 | 200 | 20 | 8.3 | 120 | 6.0 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 15.4 | 1.3 | 0.2 | 0.2 | 1.2 | 45.3 | 4.5 | 1.9 | 27.6 | 1.4 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | ND | 2 | ND | ND | 2 | ND | ND | ND | ND | ND |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.12 | ND | 1.26 | 0.15 | ND | 0.06 | 0.03 | 0.03 | 0.08 | 0.03 |
| pH (Field Test) | SM4500-H+B | pH | 7.23 | 7.10 | 6.94 | 7.08 | 6.99 | 6.84 | 6.86 | 6.73 | 6.61 | 6.46 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.4 | 7.2 | 7.2 | 7.2 | 7.2 | 6.6 | 7.1 | 6.9 | 7.1 | 6.9 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | 0.12 | ND | 1.24 | 0.16 | ND | 0.04 | ND | ND | 0.07 | ND |
| Potassium | EPA 200.7 | mg/L | 3.7 | 12.3 | 10.4 | 7.0 | 9.7 | 4.0 | 11.4 | 63.6 | 5.1 | 69.3 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 3.9 | 12.2 | 10.5 | 7 | 9.8 | 4 | 11 | 64.0 | 5 | 69.8 |
| QC Ratio TDS/SEC | Calculation | - | 0.61 | 0.74 | 0.69 | 0.64 | 0.72 | 0.71 | 0.71 | 0.72 | 0.66 | 0.73 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Salinity | SM2520B | psu | NA | 3.0 | NA | NA | 2.3 | NA | 4.7 | 27.2 | NA | 21.4 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 33 | 45 | 31 | 39 | 40 | 42 | 31 | 33 | 37 | 30 |
| Sodium | EPA 200.7 | mg/L | 66 | 149 | 179 | 134 | 78 | 122 | 391 | 6,680 | 259 | 5,830 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 63 | 150 | 174 | 121 | 67 | 115 | 362 | 6,470 | 269 | 6,010 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 924 | 4,993 | 1,970 | 1,357 | 3,959 | 1,843 | 7,610 | 38,240 | 2,240 | 30,770 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 946 | 6,503 | 2,026 | 1,390 | 4,037 | 1,891 | 7,686 | 38,970 | 2,229 | 31,970 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 508 | 3,660 | 1,120 | 682 | 2,680 | 1,330 | 5,080 | 10,000 | 989 | 8,760 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 86 | 88 | 396 | 144 | 98 | 66 | 194 | 1,980 | 274 | 1,550 |
| Temperature (Field) | SM2550 | ° C | 17.3 | 21.8 | 17.8 | 17.2 | 19.5 | 17.9 | 18.2 | 19.4 | 16.6 | 16.9 |
| Total Diss. Solids | SM2540C | mg/L | 566 | 3,700 | 1,360 | 871 | 2,860 | 1,310 | 5,440 | 27,700 | 1,480 | 22,600 |
| Turbidity | EPA 180.1 | NTU | 0.10 | 0.65 | 1.30 | 0.10 | 0.20 | 0.45 | 0.15 | 0.15 | 0.15 | 0.25 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.87 | 2.7 | 1.6 | 0.76 | 0.93 | 0.81 | 0.39 | 0.4 | 0.35 | 0.64 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - | - | - | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - | - | - | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - | - | - | - | - | - | - |

Notes:

°C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
 pg/L = Picograms per Liter
 TON = Threshold Odor Number
 µg/L = Micograms per Liter
 µmhos/cm = Micromhos per Centimeter

ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

¹ Using EPA Method 200.8, Arsenic values are overstated due to matrix interference caused by high chloride levels. The overstated values are in laboratory reports through February 11, 2016. Going forward, EPA Method 1640 will be used for Arsenic analysis only.

**Table 3: Summary of Quarterly and Semiannual Monitoring Well
 Laboratory Water Quality Results Following Long-Term Pumping Test**

| Constituent | Method | Units | Monitoring Well Name: | | | |
|--|------------------------------|-------------|-----------------------|-----------|-----------|-----------|
| | | | MW-8D | MW-9S | MW-9M | MW-9D |
| Sample Collection Date: | | | 26-Apr-18 | 26-Apr-18 | 26-Apr-18 | 26-Apr-18 |
| Constituent | Method | Units | Result | Result | Result | Result |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 149 | 964 | 116 | 168 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND |
| Ammonia-N, Dissolved | SM4500NH3 D & EPA 350.1 | mg/L | ND | 3.1 | ND | ND |
| Arsenic, Total ¹ | EPA 200.8 | µg/L | - | - | - | - |
| Arsenic, Total | EPA 1640 | µg/L | 0.78 | 6.3 | 0.54 | 0.9 |
| Barium, Dissolved | EPA 200.8 | µg/L | 40 | 308 | ND | 54 |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 182 | 1,180 | 142 | 205 |
| Boron, Dissolved | EPA 200.7 | mg/L | ND | 0.64 | 2.33 | 0.07 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 1.9 | 3.0 | 49.3 | 0.1 |
| Calcium | EPA 200.7 | mg/L | 67 | 213 | 1,370 | 32 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 67 | 219 | 1,390 | 31 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | ND | ND | ND | ND |
| Chloride, Dissolved | EPA 300.0 | mg/L | 692 | 1,000 | 16,800 | 66 |
| Chlorinated Pesticides and PCB (EPA 508) | EPA 508 | µg/L | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | 4 | 28 | 4 | 4 |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND |
| Copper, Total | EPA 200.8 | µg/L | - | - | - | - |
| DBCP & EDB | EPA 504.1 | µg/L | - | - | - | - |
| Dioxin | EPA 1613 | pg/L | - | - | - | - |
| Diquat (EPA 549) | EPA 549 | µg/L | - | - | - | - |
| Dissolved Anions | Calculation | Meq/L | 24.47 | 53.30 | 526.28 | 5.72 |
| Total Anions | Calculation | Meq/L | 24.47 | 53.30 | 526.28 | 5.72 |
| Dissolved Cations | Calculation | Meq/L | 22.73 | 50.98 | 477.51 | 5.73 |
| Total Cations | Calculation | Meq/L | 23.00 | 50.93 | 477.83 | 5.73 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.2 | ND | ND | 0.2 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 359 | 1,110 | 7,860 | 134 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND |
| Iodide | EPA 9056M & EPA 314.0 | µg/L | ND | 180 | ND | ND |
| Iron | EPA 200.7 | µg/L | ND | 5,570 | 37 | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | 5,580 | ND | ND |
| Total Kjeldahl Nitrogen, Dissolved | SM4500-NH3 B,C,E & EPA 351.2 | mg/L | ND | 3.6 | ND | ND |
| Lead, Total | EPA 200.8 | µg/L | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 30 | 14 | 209 | 26 |
| Magnesium | EPA 200.7 | mg/L | 47 | 140 | 1,080 | 13 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 46 | 140 | 1,100 | 13 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | 4,120 | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | 4,100 | 96 | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | 0.06 | ND | ND |
| Nitrate as N | EPA 300.0 | mg/L | 1.1 | 0.8 | 1.0 | 0.6 |
| Nitrate as NO3 | EPA 300.0 | mg/L | 4.9 | 3.5 | 4.6 | 2.8 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 1.1 | 0.8 | 1.0 | 0.6 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | ND | 2 | ND | ND |
| o-Phosphate-P | Hach 8048 & EPA 365.1 | mg/L | 0.02 | 1.38 | 0.04 | 0.02 |
| pH (Field Test) | SM4500-H+B | pH | 7.12 | 6.65 | 6.34 | 7.09 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.4 | 7.1 | 6.8 | 7.5 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 & EPA 365.1 | mg/L | ND | 1.26 | 0.02 | ND |
| Potassium | EPA 200.7 | mg/L | 6.4 | 14.6 | 170.0 | 7.6 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 6.1 | 15.0 | 173 | 7.56 |
| QC Ratio TDS/SEC | Calculation | - | 0.57 | 0.57 | 0.78 | 0.65 |
| Reg. Org. Compounds (EPA 525) | EPA 525 | µg/L | - | - | - | - |
| Salinity | SM2520B | psu | NA | 3.0 | 32.1 | NA |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 41 | 41 | 30 | 46 |
| Sodium | EPA 200.7 | mg/L | 361 | 648 | 7,270 | 66 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 355 | 642 | 7,200 | 67 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 2,544 | 4,963 | 44,400 | 571 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 2,592 | 4,920 | 45,130 | 587 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 529 | 1,930 | 9,180 | 267 |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 90 | 274 | 2,370 | 22 |
| Temperature (Field) | SM2550 | ° C | 20.5 | 17.6 | 17.6 | 21.1 |
| Total Diss. Solids | SM2540C | mg/L | 1,440 | 2,820 | 34,600 | 371 |
| Turbidity | EPA 180.1 | NTU | 0.55 | 60.0 | 0.45 | 0.40 |
| Turbidity (Field) | EPA 180.1 | NTU | 0.68 | 0.29 | 0.44 | 0.6 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | ND | ND | ND | ND |
| Zinc, Total | EPA 200.8 | µg/L | - | - | - | - |
| PCBs, Total | EPA 508 | µg/L | - | - | - | - |
| Total PCB | EPA 1668C | pg/L | - | - | - | - |

Notes:

°C = Degrees Celsius
 CU = Color Units
 Meq/L = Milliequivalents per Liter
 mg/L = Milligrams per Liter
 NTU = Nephelometric Turbidity Units
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ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

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APPENDICES

APPENDIX A-1

Coastal Development Permit # A-3-MRA-14-0050

8-Dec-14



CALIFORNIA COASTAL COMMISSION

45 FREMONT, SUITE 2000
SAN FRANCISCO, CA 94105-2219
VOICE (415) 904-5200
FAX (415) 904-5400
TDD (415) 597-5885

**COASTAL DEVELOPMENT PERMIT**

On November 12, 2014, by a vote of 11-0, the California Coastal Commission granted to California American Water Company (Cal-Am) Coastal Development Permit #A-3-MRA-14-0050 subject to the attached standard and special conditions, for development consisting of:

Construction, operation, and decommissioning of a test slant well at the CEMEX sand mining facility in the City of Marina and beneath Monterey Bay in the County of Monterey.

Issued on behalf of the Coastal Commission on December 8, 2014.

CHARLES LESTER
Executive Director

A handwritten signature in cursive script, appearing to read "Alison J. Dettmer".

By: ALISON J. DETTMER
Deputy Director
Energy, Ocean Resources, and Federal Consistency Division

Permit A-3-MRA-14-0050

December 8, 2014

Page 2 of 12

Acknowledgment:

The undersigned Permittee acknowledges receipt of this permit and agrees to abide by all terms and conditions thereof.

The undersigned Permittee acknowledges that Government Code Section 818.4, which states in pertinent part, that: "A public entity is not liable for injury caused by the issuance... of any permit..." applies to the issuance of this permit.

IMPORTANT: THIS PERMIT IS NOT VALID UNLESS AND UNTIL A COPY OF THE PERMIT WITH THE SIGNED ACKNOWLEDGMENT HAS BEEN RETURNED TO THE COMMISSION OFFICE (14 Cal. Admin. Code Section 13158(a).)

12/8/14
Date


Signature of Permittee or Representative

STANDARD CONDITIONS

This permit is subject to the following standard conditions:

1. **Notice of Receipt and Acknowledgment.** The permit is not valid and development shall not commence until a copy of the permit, signed by the Permittee or authorized agent, acknowledging receipt of the permit and acceptance of the terms and conditions, is returned to the Commission office.
2. **Expiration.** If development has not commenced, the permit will expire two years from the date on which the Commission voted on the application. Development shall be pursued in a diligent manner and completed in a reasonable period of time. Application for extension of the permit must be made prior to the expiration date.
3. **Interpretation.** Any questions of intent of interpretation of any condition will be resolved by the Executive Director or the Commission.
4. **Assignment.** The permit may be assigned to any qualified person, provided assignee files with the Commission an affidavit accepting all terms and conditions of the permit.
5. **Terms and Conditions Run with the Land.** These terms and conditions shall be perpetual, and it is the intention of the Commission and the Permittee to bind all future owners and possessors of the subject property to the terms and conditions.

SPECIAL CONDITIONS

This permit is subject to the following special conditions:

1. **Proof of Legal Interest and Other Approvals.** The Permittee shall provide to the Executive Director a copy of each of the following approvals or documentation from the relevant agency that such approval is not required:
 - a. PRIOR TO PERMIT ISSUANCE, proof of legal interest in the project site.
 - b. PRIOR TO CONNECTING TO THE OUTFALL, the negotiated agreement or memorandum of understanding between the applicant and the Monterey Regional Water Pollution Control Agency (“MRWPCA”) regarding connection and use of the ocean outfall for discharge of water produced from the test well.
 - c. PRIOR TO ISSUANCE OF CDP 9-14-1735, a lease from the State Lands Commission.

The Permittee shall inform the Executive Director of any changes to the project required by, or resulting from, these permits or approvals. Such changes shall not be incorporated into the project until the Permittee obtains a Commission amendment to this permit, unless the Executive Director determines that no amendment is legally required.

2. **Liability for Costs and Attorneys Fees.** The Permittee shall reimburse the Coastal Commission in full for all Coastal Commission costs and attorneys fees – including (a) those charged by the Office of the Attorney General; and (b) any court costs and attorneys fees that the Coastal Commission may be required by a court to pay – that the Coastal Commission incurs in connection with the defense of any action brought by a party other than the Permittee against the Coastal Commission, its officers, employees, agents, successors, and assigns challenging the approval or issuance of this permit, the interpretation and/or enforcement of permit conditions, or any other matter related to this permit. The Coastal Commission retains complete authority to conduct and direct the defense of any such action against the Coastal Commission.

3. **Project Construction.** The Permittee shall conduct project construction as described and conditioned herein, including the following measures:
 - a. Project-related construction shall occur only in areas as described in the permit application.
 - b. Project-related construction, including site preparation, equipment staging, and installation or removal of equipment or wells, occurring between February 28 and October 1 of any year is subject to the timing and species protection requirements of Special Condition 14.
 - c. Construction equipment and materials, including project-related debris, shall be placed or stored where it cannot enter a storm drain or coastal waters. The Permittee shall ensure that all construction personnel keep all food-related trash items in sealed containers and remove them daily to discourage the concentration of potential predators in snowy plover habitat. All trash and construction debris shall be removed from work areas and properly disposed of at the end of each work day at an approved upland location. All vegetation removed from the construction site shall be taken to a certified landfill to prevent the spread of invasive species.
 - d. To reduce construction noise, noise attenuation devices (e.g., noise blankets, sound baffles, etc.) shall be installed around all stationary construction equipment, including drill rigs.
 - e. All project vehicles shall maintain speeds of 10 miles per hour or less when at the project site. Prior to moving any vehicle, project personnel shall visually inspect for special-status species under and around the vehicle, and shall notify the on-site biologist should any be detected.
 - f. To avoid predation of special-status species, wire excluders or similar anti-perching devices shall be installed and maintained on the top of all aboveground structures (e.g., electrical panel) to deter perching by avian predators.

No changes to these requirements shall occur without a Commission amendment to this permit unless the Executive Director determines that no amendment is legally required.

4. **Protection of Water Quality.** PRIOR TO COMMENCEMENT OF CONSTRUCTION, the Permittee shall submit an erosion control plan for Executive Director review and approval. The Plan shall include a schedule for the completion of erosion- and sediment-control structures, which ensures that all such erosion-control structures are in place by mid-November of the year that construction begins and maintained thereafter. The plan

shall identify standard Best Management Practices to be implemented to address both temporary and permanent measures to control erosion and reduce sedimentation. Site monitoring by the applicant's erosion-control specialist shall be undertaken and a follow-up report shall be prepared that documents the progress and/or completion of required erosion-control measures both during and after construction and decommissioning activities. No synthetic plastic mesh products shall be used in any erosion control materials. All plans shall show that sedimentation and erosion control measures are installed prior to any other ground disturbing work.

5. Hazardous Material Spill Prevention and Response.

(a) PRIOR TO COMMENCEMENT OF CONSTRUCTION, the Permittee shall submit for Executive Director review and approval a project-specific Hazardous Materials Spill Prevention and Response Plan that includes:

- an estimate of a reasonable worst case release of fuel or other hazardous materials onto the project site or into adjacent sensitive habitat areas or coastal waters resulting from project operations;
- all identified locations within the project footprint of known or suspected buried hazardous materials, including current or former underground storage tanks, septic systems, refuse disposal areas, and the like;
- specific protocols for monitoring and minimizing the use of fuel and hazardous materials during project operations, including Best Management Practices that will be implemented to ensure minimal impacts to the environment;
- a detailed response and clean-up plan in the event of a spill or accidental discharge or release of fuel or hazardous materials;
- a list of all spill prevention and response equipment that will be maintained on-site;
- the designation of the onsite person who will have responsibility for implementing the plan;
- a telephone contact list of all regulatory and public trustee agencies, including Coastal Commission staff, having authority over the development and/or the project site and its resources to be notified in the event of a spill or material release; and,
- a list of all fuels and hazardous materials that will be used or might be used during the proposed project, together with Material Safety Data Sheets for each of these materials.

The Permittee shall implement the Plan as approved by the Executive Director. The Permittee shall also ensure that all onsite project personnel participate in a training program that describes the above-referenced Plan, identifies the Plan's requirements for implementing Best Management Practices to prevent spills or releases, specifies the location of all clean-up materials and equipment available on site, and specifies the measures that are to be taken should a spill or release occur.

- (b) In the event that a spill or accidental discharge of fuel or hazardous materials occurs during project construction or operations, all non-essential project construction and/or operation shall cease and the Permittee shall implement spill response measures of the approved Plan, including notification of Commission staff. Project construction and/or operation shall not start again until authorized by Commission staff.
- (c) If project construction or operations result in a spill or accidental discharge that causes adverse effects to coastal water quality, ESHA, or other coastal resources, the Permittee shall submit an application to amend this permit, unless the Executive Director determines no amendment is required. The application shall identify proposed measures to prevent future spills or releases and shall include a proposed restoration plan for any coastal resources adversely affected by the spill or release.

The Permittee shall implement the Plan as approved by the Executive Director.

6. **Monitoring and Removal of Temporary Structures, Well Head Burial & Well Closure/Destruction.** The Permittee shall monitor beach erosion at least once per week over the duration of the project to ensure the slant well and monitoring wells remain covered. If the wellheads, linings, casings, or other project components become exposed due to erosion, shifting sand or other factors, the Permittee shall immediately take action to reduce any danger to the public or to marine life and shall submit within one week of detecting the exposed components a complete application for a new or amended permit to remedy the exposure.

Upon project completion, and no later than February 28, 2018, the Permittee shall cut off, cap, and bury the slant well head at least 40 feet below the ground surface, and shall completely remove all other temporary facilities approved by this coastal development permit. To ensure timely removal, the Permittee shall post the bond or other surety device as required by **Special Condition 17** to ensure future removal measures would be appropriately supported and timed to prevent any future resurfacing of the well casing or other project components.

7. **Assumption of Risk, Waiver of Liability and Indemnity.** By acceptance of this permit, the Permittee acknowledges and agrees:
- a. that the site may be subject to hazards from coastal erosion, storm conditions, wave uprush, and tsunami runup;
 - b. to assume the risks to the Permittee and the property that is the subject of this permit of injury and damage from such hazards in connection with this permitted development;
 - c. to unconditionally waive any claim of damage or liability against the Commission, its officers, agents, and employees for injury or damage from such hazards; and
 - d. to indemnify and hold harmless the Commission, its officers, agents, and employees with respect to the Commission's approval of the project against any and all liability, claims, demands, damages, costs (including costs and fees incurred in defense of such claims), expenses, and amounts paid in settlement arising from any injury or damage due to such hazards.

8. **No Future Shoreline Protective Device.** By acceptance of this permit, the Permittee agrees, on behalf of itself and all other successors and assigns, that no shoreline protective device(s) shall ever be constructed to protect the development approved pursuant to this permit, including the wells, supporting infrastructure, and any future improvements, in the event that the development is threatened with damage or destruction from waves, erosion, storm conditions or other natural hazards in the future. By acceptance of this permit, the Permittee hereby waives, on behalf of itself and all successors and assigns, any rights to construct such devices that may exist under Public Resources Code Section 30235.

By acceptance of this permit, the Permittee further agrees, on behalf of itself and all successors and assigns, that the Permittee shall remove the development authorized by this permit, including the wells, supporting infrastructure, and any future improvements, if any government agency with the requisite jurisdiction and authority has ordered, and the Executive Director has concurred, that the development is not to be used due to any of the hazards identified in **Special Condition 7**. In the event that portions of the development fall to the beach before they are removed, the Permittee shall remove all recoverable debris associated with the development from the beach and ocean and lawfully dispose of the material in an approved disposal site. Such removal shall require a coastal development permit.

9. **Geology/Hazards.** The project shall be designed to meet or exceed all applicable requirements of the California Building Code. Project design and construction shall meet or exceed all applicable feasible conclusions and recommendations in the *Geotechnical Investigation for the California American Water Temporary Slant Test Well Project, Marina, Monterey County, California*, dated April 3, 2014 (GeoSoils 2014). Project components shall be sited to avoid areas identified in the coastal erosion memorandum prepared by ESA-PWA (March 2014) as subject to coastal erosion during the duration of the project.
10. **Visual Resources.** PRIOR TO PERMIT ISSUANCE, the Permittee shall submit for Executive Director review and approval a Lighting Plan prepared by a qualified engineer that includes the following:
- a. Identifies all lighting and associated infrastructure proposed for use during the test well project, such as towers, poles, electrical lines, etc. The Lighting Plan shall identify the locations, heights, dimensions, and intensity of the lighting and associated lighting infrastructure.
 - b. Evaluates the effects of project lighting and associated infrastructure on wildlife in the project area and describes proposed measures to avoid or minimize any adverse effects. These measures may include shielding project lighting from off-site locations, directing lighting downward, using the minimum amount of lighting necessary to ensure project safety, and other similar measures.
 - c. Affirms that all lighting structures and fixtures installed for use during the project and visible from public areas, including shoreline areas of Monterey Bay, will be painted or finished in neutral tones that minimize their visibility from those public areas.
- The Permittee shall implement the Lighting Plan as approved by the Executive Director.

11. Protection of Nearby Wells. PRIOR TO STARTING PROJECT-RELATED PUMP TESTS, the Permittee shall install monitoring devices a minimum of four wells on the CEMEX site, within 2000 feet of the test well, and one or more offsite wells to record water and salinity levels within the wells and shall provide to the Executive Director the baseline water and Total Dissolved Solids (“TDS”) levels in those wells prior to commencement of pumping from the test well. The Hydrogeology Working Group shall establish the baseline water and TDS levels for the monitoring wells. During the project pump tests, the Permittee shall, at least once per day, monitor water and TDS levels within those wells in person and/or with electronic logging devices. The Permittee shall post data collected from all monitoring wells on a publicly-available internet site at least once per week and shall provide all monitoring data to the Executive Director upon request. If water levels drop more than one-and-one-half foot, or if TDS levels increase more than two thousand parts per million from pre-pump test conditions, the Permittee shall immediately stop the pump test and inform the Executive Director. The Hydrogeology Working Group shall examine the data from Monitoring Well 4 if the test well is shut down due to either of these causes. The Hydrogeology Working Group shall determine whether the drop in water level or increase in TDS is from a cause or causes other than the test well, and it will submit its determination to the Executive Director. If the Executive Director agrees with the Hydrogeology Working Group that the cause of the drop in water level or increase in TDS was a source or sources other than the test well, then the Executive Director may allow testing to resume. If, however, the Executive Director determines that the drop in water level was caused at least in part by the test well, then the Permittee shall not re-start the pump test until receiving an amendment to this permit.

12. Protection of Biological Resources – Biological Monitor(s). PRIOR TO COMMENCEMENT OF CONSTRUCTION, the Permittee shall retain one or more qualified biologists approved by the Executive Director to ensure compliance with all relevant mitigation measures and Special Conditions. The approved biologist(s) shall conduct the required preconstruction surveys, implement ongoing monitoring and inspections, keep required records, and notify Commission staff and staff of other agencies as necessary regarding project conformity to these measures and Special Conditions.

The approved biologist(s) shall be present during daylight hours for all project construction and decommissioning activities and on a periodic basis when the biologist determines operational activities may affect areas previously undisturbed by project activities. The biologist(s) shall monitor construction equipment access and shall have authority to halt work activities, if the potential for impacts to special-status species or habitat is identified, until the issue can be resolved. The qualified biologist(s) shall immediately report any observations of significant adverse effects on special-status species to the Executive Director.

- 13. Protection of Biological Resources – Training of On-site Personnel.** Prior to starting construction and decommissioning activities, the approved biologist(s) shall conduct an environmental awareness training for all construction personnel that are on-site during activities. The training shall include, at a minimum, the following:
- Descriptions of the special-status species with potential to occur in the project area;
 - Habitat requirements and life histories of those species as they relate to the project;
 - Avoidance, minimization, and mitigation measures that will be implemented to avoid impacts to the species and their habitats;
 - Identification of the regulatory agencies and regulations that manage their protection; and,
 - Consequences that may result from unauthorized impacts or take of special-status species and their habitats.

The training shall include distribution of an environmental training brochure, and collection of signatures from all attendees acknowledging their participation in the training. Subsequent trainings shall be provided by the qualified biologist as needed for additional construction or operations workers through the life of the project.

14. Protection of Biological Resources – Pre-Construction and Pre-Disturbance

Surveys. The approved biologist(s) shall conduct pre-construction surveys for special-status species as described below:

- a. No more than 14 days before the start of onsite activities or any activities planned for areas previously undisturbed by project activities, the biologist(s) shall conduct a field evaluation of the nature and extent of Western snowy plover activity in the project area and shall identify measures needed to ensure construction activities minimize potential effects to the species. Those measures shall, at a minimum, meet the standards and requirements of the mitigation measures included in Exhibit 5 as well as those included in subsection (d) of this special condition. Those measures shall also be submitted for Executive Director review and approval at least five days before the start of construction activities. The Permittee shall implement the measures as approved by the Executive Director.
- b. Prior to construction or activities planned for areas previously undisturbed by project activities, the approved biologist(s) shall coordinate with construction crews to identify and mark the boundaries of project disturbance, locations of special-status species and suitable habitat, avoidance areas, and access routes. GPS data collected during preconstruction surveys completed in 2012, 2013, and 2014 shall be used to flag the known locations of Monterey spineflower and buckwheat for avoidance during construction. Avoidance buffers shall be established and flagged or fenced as necessary to avoid surface disturbance or vegetation removal. The monitoring biologist shall fit the placement of flags and fencing to minimize impacts to any sensitive resources. At a minimum, the biologist shall direct the placement of highly visible exclusion fencing (snow fence or similar) at the following locations:
 - around sensitive snowy plover habitat areas that do not require regular access;
 - areas along the northern edge of the CEMEX accessway in the vicinity of the settling ponds; and
 - between the work area and any identified occurrence of Monterey spineflower or buckwheat within 10 feet of the existing accessway or work area.

- All delineated areas of temporary fencing shall be shown on grading plans and shall remain in place and functional throughout the duration of construction and decommissioning activities.
- c. The approved biologist(s) shall conduct surveys for Monterey spineflower and buckwheat (host plant for Smith's blue butterfly) within all project disturbance areas and within 20 feet of project boundaries during the blooming period for the spineflower (April-June) to identify and record the most current known locations of these species in the project vicinity. Surveys shall be conducted by a qualified botanist, and shall include collection of Global Positioning System (GPS) data points for use during flagging of sensitive plant species locations and avoidance buffers prior to construction.
 - d. Starting no later than February 1 of each year of project construction, operation, and decommissioning, the approved biologist(s) shall conduct breeding and nesting surveys of sensitive avian species within 500 feet of the project footprint. The approved biologist(s) shall continue those surveys at least once per week during periods of project construction, well re-packing, and decommissioning that occur between February 1 and October 1 each year.

In the event that any sensitive species are present in the project area but do not exhibit reproductive behavior and are not within the estimated breeding/reproductive cycle of the subject species, the qualified biologist shall either: (1) initiate a salvage and relocation program prior to any excavation/maintenance activities to move sensitive species by hand to safe locations elsewhere along the project reach or (2) as appropriate, implement a resource avoidance program with sufficient buffer areas to ensure adverse impacts to such resources are avoided. The Permittee shall also immediately notify the Executive Director of the presence of such species and which of the above actions are being taken. If the presence of any such sensitive species requires review by the United States Fish and Wildlife Service and/or the California Department of Fish and Game, then no development activities shall be allowed or continue until any such review and authorizations to proceed are received and also authorizes construction to proceed.

If an active nest of a federally or state-listed threatened or endangered species, species of special concern, or any species of raptor or heron is found, the Permittee shall notify the appropriate State and Federal wildlife agencies within 24 hours, and shall develop an appropriate action specific to each incident. The Permittee shall notify the California Coastal Commission in writing by facsimile or e-mail within 24 hours and consult with the Commission regarding determinations of State and Federal agencies.

If the biologist(s) identify an active nest of any federally- or state-listed threatened or endangered species, species of special concern, or any species of raptor or heron within 300 feet of construction activities (500 feet for raptors), the biologist(s) shall monitor bird behavior and construction noise levels. The biologist(s) shall be present at all relevant construction meetings and during all significant construction activities (those with potential noise impacts) to ensure that nesting birds are not disturbed by

construction-related noise. The biologist(s) shall monitor birds and noise every day at the beginning of the project and during all periods of significant construction activities. Construction activities may occur only if construction noise levels are at or below a peak of 65 dB at the nest(s) site. If construction noise exceeds a peak level of 65 dB at the nest(s) site, sound mitigation measures such as sound shields, blankets around smaller equipment, mixing concrete batches off-site, use of mufflers, and minimizing the use of back-up alarms shall be employed. If these sound mitigation measures do not reduce noise levels, construction within 300 ft. (500 ft. for raptors) of the nesting areas shall cease and shall not re-start until either new sound mitigation can be employed or nesting is complete.

If active plover nests are located within 300 feet of the project or access routes, avoidance buffers shall be established to minimize potential disturbance of nesting activity, and the biologist shall coordinate with and accompany the Permittee's operational staff as necessary during the nesting season to guide access and activities to avoid impacts to nesting plovers. The biologist shall contact the USFWS and CDFW immediately if a nest is found in areas near the wellhead that could be affected by project operations. Operations shall be immediately suspended until the Permittee submits to the Executive Director written authorization to proceed from the USFWS.

If, after starting project activities, the Permittee must stop construction due to the presence of sensitive species or due to the lack of necessary approvals or permits (e.g., a lease from the State Lands Commission), the Permittee shall remove and properly store all project-related equipment and vehicles away from the project site in a manner that does not adversely affect sensitive species.

- 15. Project Area Restoration.** PRIOR TO COMMENCEMENT OF CONSTRUCTION, the Permittee shall prepare a Restoration Plan for review and approval by the Executive Director that is consistent with the City of Marina restoration requirements as codified in Municipal Code Section 17.41.100. The Plan shall include, at a minimum:
- a. a description of the habitat characteristics and extent of the area to be restored, which shall include, at a minimum, all areas of temporary disturbance in the project footprint other than those areas actively in use by CEMEX for mining purposes;
 - b. performance standards and success criteria to be used;
 - c. a minimum 3:1 ratio of native plants to be replaced within the affected area;
 - d. an invasive species control program to be implemented for the duration of the project;
 - e. the timing of proposed restoration activities;
 - f. proposed methods to monitor restoration performance and success for at least five years following initiation of the Plan; and
 - g. identification of all relevant conditions, requirements, and approvals by regulatory agencies needed to implement the Plan.

The Permittee shall implement the Plan: (1) during and immediately following construction and prior to operation of the test well, and (2) during and immediately following decommissioning activities.

Success criteria will include plant cover and species composition/diversity, which shall meet or exceed adjacent undisturbed dune habitat on the CEMEX parcel as determined by the biological monitor. Success criteria shall, at a minimum, be consistent with the requirements of the existing Lapis Revegetation Plan prepared for the RMC Lonestar Lapis Sand Plant (25 percent average vegetative cover and species diversity of all species listed in Group A of the Plan present and providing at least 1 percent cover).

16. **Invasive Species Control.** The Permittee shall remove and properly dispose of at a certified landfill all invasive or exotic plants disturbed or removed during project activities. The Permittee shall use existing on-site soils for fill material to the extent feasible. If the use of imported fill material is necessary, the imported material must be obtained from a source that is known to be free of invasive plant species, or the material must consist of purchased clean material.

17. **Posting of Bond.** To ensure timely removal, **PRIOR TO COMMENCEMENT OF CONSTRUCTION**, the Permittee shall provide to the Commission a surety bond or similar security device acceptable to the Executive Director for \$1,000,000 (one million dollars), and naming the Coastal Commission as the assured, to guarantee the Permittee's compliance with Special Conditions 6 and 15. The surety bond or other security device shall be maintained in full force and effect at all times until Special Conditions 6 and 15 have been met.

APPENDIX A-2

Coastal Development Permit Amendment # A-3-MRA-14-0050-A1

13-Oct-15



CALIFORNIA COASTAL COMMISSION

45 FREMONT, SUITE 2000
SAN FRANCISCO, CA 94105-2219
VOICE AND TDD (415) 904-5200
FAX (415) 904-5400



Page 1 of 3
October 13, 2015
Permit No. A-3-MRA-14-0050-A1

COASTAL DEVELOPMENT PERMIT AMENDMENT

On October 6, 2015, by a vote of 12-0, the California Coastal Commission granted to California American Water Company Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1, subject to the attached standard and special conditions, for development consisting of:

Construction, operation, and decommissioning of a test slant well and associated monitoring wells, equipment, and infrastructure at the CEMEX sand mining facility.

The development is located in the coastal zone in the City of Marina, County of Monterey, and in the Commission's retained jurisdiction.

Issued on behalf of the Coastal Commission on October 13, 2015.

CHARLES LESTER
Executive Director

A handwritten signature in black ink, appearing to read "Charles Lester".

for By: ALISON DETTMER
Deputy Director, Energy, Ocean Resources, and Federal Consistency Division

Acknowledgment:

The undersigned permittee(s) acknowledges receipt of this permit and agrees to abide by all terms and conditions thereof.

The undersigned permittee(s) acknowledges that Government Code Section 818.4, which states in pertinent part, that: "A public entity is not liable for injury caused by the issuance...of any permit..." applies to the issuance of this permit.

IMPORTANT: THE PERMIT IS NOT VALID UNLESS AND UNTIL A COPY OF THE PERMIT WITH THE SIGNED ACKNOWLEDGMENT HAS BEEN RETURNED TO THE COMMISSION OFFICE. (14 Cal. Admin. Code Section 13158(a).)

10/13/15
Date


Signature of Permittee or Representative

SPECIAL CONDITIONS

This **Special Condition** modifies **Special Condition 11** as initially imposed by the Commission in Coastal Development Permit A-3-MRA-14-0050. Standard Conditions 1-5 and Special Conditions 1-10 and 12-17 of that permit shall remain in full force and effect. **Special Condition 11** now requires:

“Protection of Nearby Wells. PRIOR TO STARTING PROJECT-RELATED PUMPING TESTS, the Permittee shall install monitoring devices at a minimum of four wells on the CEMEX site, within 2000 feet of the test well, and one or more offsite wells to record groundwater and salinity levels within the wells and shall provide to the Executive Director the baseline groundwater and Total Dissolved Solids (“TDS”) levels in those wells prior to commencement of pumping from the test well.

The Permittee, in coordination with the Hydrogeology Working Group, shall identify groundwater elevation trends and TDS level trends in the groundwater basin resulting from regional influences such as groundwater withdrawals, rainfall events, increases or decreases in streamflow contributions, and other influences. During the project pumping tests, the Permittee shall, at least once per day, monitor groundwater and TDS levels within the monitoring wells in person and/or with electronic logging devices. The Permittee shall post data collected from all monitoring wells on a publicly-available internet site at least once per week and shall provide all monitoring data to the Executive Director upon request.

The Hydrogeology Working Group shall review data from the monitoring wells and prepare a monthly report that shall be submitted to the Executive Director that documents the groundwater elevation trends and TDS level trends resulting from regional influences. If during the pumping tests, data collected from Monitoring Well-4S (“MW4-S”) or Monitoring Well-4M (“MW-4M”) during any weekly monitoring period show either a decrease in groundwater levels that exceeds an identified decrease in regional groundwater level trends by 1.5 feet or more or show an increase in TDS levels that exceeds an identified increase in regional TDS level trends by two thousand parts per million or more, the Permittee shall immediately stop the pumping test and inform the Executive Director. The Hydrogeology Working Group shall examine the data from Monitoring Well 4 if the pumping test is stopped due to either of these causes.

If, based on the above review of monitoring data, the Executive Director or the Hydrogeology Working Group determines that the pumping test caused, at MW-4S or MW4-M, either a decrease in groundwater level of 1.5 feet or more or caused an increase in TDS levels of two thousand parts per million or more in excess of identified regional trends, then the Permittee shall not re-start the pumping test until receiving an amendment to this permit; otherwise the Executive Director will allow the pumping test to resume.”

APPENDIX B

Groundwater Level and Salinity Instrument Data

5-September-18 - 3-October-18



| | | | | | | | | | | | |
|----------------|--------|--------|-------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/7/2018 7:30 | 120600 | 120205 | 19114 | 270.773 | 41396.195 | 46639.605 | 30.567 | 31.715 | 24.157 | 1.022 | 14.739 |
| 9/7/2018 7:45 | 121500 | 120232 | 19121 | 270.834 | 41368.199 | 46601.168 | 30.539 | 31.689 | 24.173 | 1.022 | 14.747 |
| 9/7/2018 8:00 | 122400 | 120276 | 19121 | 270.933 | 41378.063 | 46612.547 | 30.547 | 31.697 | 24.167 | 1.022 | 14.748 |
| 9/7/2018 8:15 | 123300 | 120317 | 19113 | 271.025 | 41383.73 | 46626.082 | 30.557 | 31.706 | 24.164 | 1.022 | 14.75 |
| 9/7/2018 8:30 | 124200 | 120360 | 19116 | 271.134 | 41384.344 | 46624.063 | 30.555 | 31.704 | 24.164 | 1.022 | 14.751 |
| 9/7/2018 8:45 | 125100 | 120402 | 19102 | 271.218 | 41342.887 | 46591.238 | 30.531 | 31.682 | 24.188 | 1.022 | 14.751 |
| 9/7/2018 9:00 | 126000 | 120444 | 19111 | 271.294 | 41356.27 | 46566.27 | 30.512 | 31.662 | 24.202 | 1.022 | 14.744 |
| 9/7/2018 9:15 | 126900 | 120424 | 1911 | 271.268 | 41329.016 | 46578.313 | 30.521 | 31.673 | 24.196 | 1.022 | 14.751 |
| 9/7/2018 9:30 | 127800 | 120458 | 19115 | 271.344 | 41339.906 | 46575.402 | 30.52 | 31.671 | 24.19 | 1.022 | 14.751 |
| 9/7/2018 9:45 | 128700 | 120475 | 19115 | 271.383 | 41327.211 | 46561.016 | 30.509 | 31.661 | 24.197 | 1.022 | 14.755 |
| 9/7/2018 10:00 | 129600 | 120497 | 19111 | 271.43 | 41334.012 | 46572.074 | 30.517 | 31.669 | 24.193 | 1.022 | 14.749 |
| 9/7/2018 10:15 | 130500 | 120501 | 19111 | 271.44 | 41337.504 | 46577.402 | 30.521 | 31.673 | 24.191 | 1.022 | 14.752 |
| 9/7/2018 10:30 | 131400 | 120507 | 19107 | 271.479 | 41293.566 | 46541.414 | 30.494 | 31.648 | 24.217 | 1.022 | 14.751 |
| 9/7/2018 10:45 | 132300 | 120530 | 19093 | 271.558 | 41307.02 | 46559.625 | 30.507 | 31.661 | 24.209 | 1.022 | 14.757 |
| 9/7/2018 11:00 | 133200 | 120482 | 19088 | 271.398 | 41312.219 | 46570.551 | 30.515 | 31.668 | 24.206 | 1.022 | 14.752 |
| 9/7/2018 11:15 | 134100 | 120442 | 19089 | 271.307 | 41283.949 | 46538.59 | 30.492 | 31.646 | 24.222 | 1.022 | 14.756 |
| 9/7/2018 11:30 | 135000 | 120433 | 19094 | 271.286 | 41307.43 | 46559.559 | 30.507 | 31.661 | 24.209 | 1.022 | 14.751 |
| 9/7/2018 11:45 | 135900 | 120428 | 19089 | 271.277 | 41279.227 | 46533.266 | 30.488 | 31.643 | 24.225 | 1.022 | 14.747 |
| 9/7/2018 12:00 | 136800 | 120383 | 19087 | 271.175 | 41274.879 | 46529.59 | 30.485 | 31.64 | 24.228 | 1.022 | 14.754 |
| 9/7/2018 12:15 | 137700 | 120353 | 19085 | 271.107 | 41295.352 | 46534.848 | 30.503 | 31.657 | 24.216 | 1.022 | 14.749 |
| 9/7/2018 12:30 | 138600 | 120331 | 19084 | 271.058 | 41316.465 | 46580.219 | 30.522 | 31.675 | 24.203 | 1.022 | 14.747 |
| 9/7/2018 12:45 | 139500 | 120323 | 19106 | 271.038 | 41306.43 | 46546.668 | 30.498 | 31.652 | 24.209 | 1.022 | 14.744 |
| 9/7/2018 13:00 | 140400 | 1203 | 19098 | 270.989 | 41295.121 | 46541.859 | 30.494 | 31.648 | 24.216 | 1.022 | 14.743 |
| 9/7/2018 13:15 | 141300 | 120281 | 19109 | 270.944 | 41280.168 | 46533.105 | 30.488 | 31.643 | 24.225 | 1.022 | 14.743 |
| 9/7/2018 13:30 | 142200 | 120243 | 19108 | 270.86 | 41257.246 | 46515.884 | 30.475 | 31.631 | 24.238 | 1.022 | 14.749 |
| 9/7/2018 13:45 | 143100 | 120194 | 19105 | 270.749 | 41281.176 | 46519.426 | 30.478 | 31.633 | 24.224 | 1.022 | 14.744 |
| 9/7/2018 14:00 | 144000 | 120169 | 19098 | 270.692 | 41280.637 | 46525.27 | 30.482 | 31.637 | 24.224 | 1.022 | 14.742 |
| 9/7/2018 14:15 | 144900 | 120155 | 19096 | 270.66 | 41292.086 | 46540.613 | 30.493 | 31.648 | 24.218 | 1.022 | 14.74 |
| 9/7/2018 14:30 | 145800 | 120137 | 19087 | 270.62 | 41273.332 | 46528.625 | 30.484 | 31.639 | 24.229 | 1.022 | 14.742 |
| 9/7/2018 14:45 | 146700 | 120127 | 19094 | 270.598 | 41265.773 | 46512.523 | 30.473 | 31.629 | 24.233 | 1.022 | 14.737 |
| 9/7/2018 15:00 | 147600 | 120162 | 19094 | 271.079 | 41272.24 | 46523.176 | 30.481 | 31.636 | 24.226 | 1.022 | 14.741 |
| 9/7/2018 15:15 | 148500 | 120144 | 19085 | 270.637 | 41289.773 | 46548.473 | 30.499 | 31.653 | 24.219 | 1.022 | 14.741 |
| 9/7/2018 15:30 | 149400 | 120147 | 19106 | 270.644 | 41317.496 | 46559.223 | 30.507 | 31.66 | 24.203 | 1.022 | 14.737 |
| 9/7/2018 15:45 | 150300 | 120149 | 19106 | 270.648 | 41270.98 | 46506.891 | 30.469 | 31.625 | 24.23 | 1.022 | 14.74 |
| 9/7/2018 16:00 | 151200 | 120178 | 19112 | 270.713 | 41277.105 | 46507.43 | 30.47 | 31.625 | 24.227 | 1.022 | 14.733 |
| 9/7/2018 16:15 | 152100 | 120163 | 19091 | 270.679 | 41283.445 | 46535.836 | 30.49 | 31.644 | 24.223 | 1.022 | 14.732 |
| 9/7/2018 16:30 | 153000 | 120243 | 19081 | 270.786 | 41257.98 | 46509.547 | 30.471 | 31.626 | 24.234 | 1.022 | 14.73 |
| 9/7/2018 16:45 | 153900 | 120248 | 19105 | 270.87 | 41282.578 | 46520.652 | 30.479 | 31.624 | 24.223 | 1.022 | 14.731 |
| 9/7/2018 17:00 | 154800 | 120273 | 19095 | 270.927 | 41237.16 | 46479.402 | 30.449 | 31.606 | 24.25 | 1.022 | 14.729 |
| 9/7/2018 17:15 | 155700 | 120308 | 19112 | 271.005 | 41287.09 | 46518.16 | 30.478 | 31.632 | 24.221 | 1.022 | 14.732 |
| 9/7/2018 17:30 | 156600 | 120346 | 19102 | 270.992 | 41299.57 | 46524.34 | 30.495 | 31.649 | 24.213 | 1.022 | 14.725 |
| 9/7/2018 17:45 | 157500 | 12039 | 19108 | 271.19 | 41322.387 | 46562.379 | 30.51 | 31.662 | 24.2 | 1.022 | 14.73 |
| 9/7/2018 18:00 | 158400 | 120422 | 19113 | 271.263 | 41314.508 | 46548.961 | 30.5 | 31.655 | 24.205 | 1.022 | 14.732 |
| 9/7/2018 18:15 | 159300 | 120439 | 19115 | 271.319 | 41346.332 | 46582.645 | 30.525 | 31.676 | 24.186 | 1.022 | 14.735 |
| 9/7/2018 18:30 | 160200 | 120498 | 19111 | 271.434 | 41348.801 | 46590.574 | 30.53 | 31.682 | 24.184 | 1.022 | 14.73 |
| 9/7/2018 18:45 | 161100 | 120578 | 19107 | 271.613 | 41303.883 | 46542.566 | 30.495 | 31.649 | 24.211 | 1.022 | 14.725 |
| 9/7/2018 19:00 | 162000 | 120633 | 19108 | 271.738 | 41337.949 | 46579.738 | 30.523 | 31.674 | 24.191 | 1.022 | 14.724 |
| 9/7/2018 19:15 | 162900 | 120677 | 19101 | 271.836 | 41322.844 | 46569.43 | 30.515 | 31.667 | 24.2 | 1.022 | 14.724 |
| 9/7/2018 19:30 | 163800 | 120717 | 19103 | 271.928 | 41342.781 | 46590.07 | 30.53 | 31.681 | 24.188 | 1.022 | 14.722 |
| 9/7/2018 19:45 | 164700 | 120755 | 19115 | 272.012 | 41335.445 | 46570.113 | 30.516 | 31.668 | 24.192 | 1.022 | 14.729 |
| 9/7/2018 20:00 | 165600 | 120791 | 19103 | 272.094 | 41373.359 | 46624.531 | 30.555 | 31.705 | 24.17 | 1.022 | 14.723 |
| 9/7/2018 20:15 | 166500 | 120819 | 19106 | 272.157 | 41352.758 | 46598.43 | 30.536 | 31.687 | 24.182 | 1.022 | 14.723 |
| 9/7/2018 20:30 | 167400 | 120842 | 19106 | 272.208 | 41359.617 | 46606.156 | 30.542 | 31.692 | 24.178 | 1.022 | 14.724 |
| 9/7/2018 20:45 | 168300 | 120869 | 19105 | 272.269 | 41372.457 | 46622.289 | 30.553 | 31.703 | 24.171 | 1.022 | 14.721 |
| 9/7/2018 21:00 | 169200 | 120872 | 19116 | 272.276 | 41418.418 | 46662.453 | 30.583 | 31.73 | 24.144 | 1.022 | 14.727 |
| 9/7/2018 21:15 | 170100 | 120888 | 19116 | 272.323 | 41403.609 | 46646.035 | 30.571 | 31.719 | 24.152 | 1.022 | 14.723 |
| 9/7/2018 21:30 | 171000 | 120893 | 19116 | 272.322 | 41420.848 | 46665.105 | 30.585 | 31.732 | 24.142 | 1.022 | 14.724 |
| 9/7/2018 21:45 | 171900 | 120882 | 19115 | 272.299 | 41400.723 | 46644.09 | 30.57 | 31.718 | 24.154 | 1.022 | 14.722 |
| 9/7/2018 22:00 | 172800 | 120858 | 19107 | 272.244 | 41377.91 | 46625.723 | 30.556 | 31.705 | 24.167 | 1.022 | 14.726 |
| 9/7/2018 22:15 | 173700 | 120811 | 19093 | 272.138 | 41356.551 | 46615.453 | 30.548 | 31.699 | 24.18 | 1.022 | 14.728 |
| 9/7/2018 22:30 | 174600 | 12081 | 19109 | 272.135 | 41373.039 | 46637.188 | 30.564 | 31.713 | 24.17 | 1.022 | 14.728 |
| 9/7/2018 22:45 | 175500 | 120825 | 19109 | 272.079 | 41349.059 | 46608.414 | 30.543 | 31.694 | 24.182 | 1.022 | 14.727 |
| 9/7/2018 23:00 | 176400 | 120721 | 19096 | 271.936 | 41403.496 | 46646.27 | 30.585 | 31.733 | 24.153 | 1.022 | 14.728 |
| 9/7/2018 23:15 | 177300 | 12068 | 19085 | 271.845 | 41333.449 | 46598.316 | 30.535 | 31.687 | 24.193 | 1.022 | 14.726 |
| 9/7/2018 23:30 | 178200 | 120617 | 19088 | 271.702 | 41346.871 | 46610.227 | 30.544 | 31.695 | 24.186 | 1.022 | 14.726 |
| 9/7/2018 23:45 | 179100 | 120554 | 19103 | 271.56 | 41357.91 | 46607.211 | 30.542 | 31.693 | 24.179 | 1.022 | 14.73 |
| 9/8/2018 0:00 | 180000 | 120508 | 19103 | 271.456 | 41356.039 | 46605.715 | 30.541 | 31.692 | 24.18 | 1.022 | 14.73 |
| 9/8/2018 0:15 | 180900 | 120474 | 19103 | 271.374 | 41313.73 | 46569.566 | 30.514 | 31.667 | 24.205 | 1.022 | 14.735 |
| 9/8/2018 0:30 | 181800 | 120388 | 19083 | 271.185 | 41324.258 | 46589.887 | 30.529 | 31.681 | 24.199 | 1.022 | 14.73 |
| 9/8/2018 0:45 | 182700 | 12034 | 19087 | 271.078 | 41342.938 | 46606.406 | 30.541 | 31.692 | 24.188 | 1.022 | 14.736 |
| 9/8/2018 1:00 | 183600 | 120237 | 19081 | 270.845 | 41295.707 | 46559.523 | 30.506 | 31.66 | 24.216 | 1.022 | 14.733 |
| 9/8/2018 1:15 | 184500 | 120197 | 19084 | 270.756 | 41303.785 | 46565.051 | 30.511 | 31.664 | 24.211 | 1.022 | 14.731 |
| 9/8/2018 1:30 | 185400 | 120122 | 19091 | 270.586 | 41290.738 | 46543.898 | 30.496 | 31.65 | 24.219 | 1.022 | 14.731 |
| 9/8/2018 1:45 | 186300 | 120088 | 19106 | 270.591 | 41311.148 | 46566.023 | 30.511 | 31.665 | 24.207 | 1.022 | 14.725 |
| 9/8/2018 2:00 | 187200 | 120037 | 19087 | 270.396 | 41280.348 | 46535.66 | 30.489 | 31.644 | 24.225 | 1.022 | 14.722 |
| 9/8/2018 2:15 | 188100 | 119945 | 19088 | 270.187 | 41274.957 | 46528.891 | 30.484 | 31.64 | 24.228 | 1.022 | 14.724 |
| 9/8/2018 2:30 | 189000 | 119925 | 19088 | 270.143 | 41267.289 | 46520.773 | 30.478 | 31.634 | 24.232 | 1.022 | 14.724 |
| 9/8/2018 2:45 | 189900 | 119869 | 19109 | 270.018 | 41308.746 | 46545.871 | 30.498 | 31.651 | 24.208 | 1.022 | 14.724 |
| 9/8/2018 3:00 | 190800 | 119813 | 19098 | 269.889 | 41314.16 | 46563.566 | 30.51 | 31.663 | 24.205 | 1.022 | 14.721 |
| 9/8/2018 3:15 | 191700 | 119764 | 19095 | 269.864 | 41290.18 | 46549.54 | 30.547 | 31.647 | 24.219 | 1.022 | 14.723 |
| 9/8/2018 3:30 | 192600 | 119738 | 19089 | 269.72 | 41304.383 | 46560.938 | 30.538 | 31.661 | 24.211 | 1.022 | 14.723 |
| 9/8/2018 3:45 | 193500 | 119718 | 19102 | 269.677 | 41288.473 | 46529.918 | 30.486 | 31.64 | 24.22 | 1.022 | 14.724 |
| 9/8/2018 4:00 | 194400 | 119729 | 19105 | 269.702 | 41328.777 | 46572.543 | 30.517 | 31.669 | 24.196 | 1.022 | 14.718 |
| 9/8 | | | | | | | | | | | |

| | | | | | | | | | | | |
|----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/9/2018 12:15 | 310500 | 120.682 | 19.103 | 271.948 | 41284.281 | 46534.238 | 30.482 | 31.636 | 24.222 | 1.022 | 14.689 |
| 9/9/2018 12:30 | 311400 | 120.673 | 19.111 | 271.828 | 41272.406 | 46504.496 | 30.468 | 31.623 | 24.229 | 1.022 | 14.689 |
| 9/9/2018 12:45 | 312300 | 120.616 | 19.105 | 271.698 | 41284.523 | 46522.762 | 30.481 | 31.635 | 24.222 | 1.022 | 14.687 |
| 9/9/2018 13:00 | 313200 | 120.613 | 19.111 | 271.691 | 41258.688 | 46488.242 | 30.456 | 31.612 | 24.237 | 1.022 | 14.684 |
| 9/9/2018 13:15 | 314100 | 120.587 | 19.109 | 271.635 | 41293.336 | 46528.422 | 30.485 | 31.639 | 24.217 | 1.022 | 14.69 |
| 9/9/2018 13:30 | 315000 | 120.531 | 19.111 | 271.508 | 41262.211 | 46492.48 | 30.459 | 31.615 | 24.235 | 1.022 | 14.692 |
| 9/9/2018 13:45 | 315900 | 120.504 | 19.111 | 271.446 | 41294.078 | 46517.508 | 30.484 | 31.621 | 24.217 | 1.022 | 14.688 |
| 9/9/2018 14:00 | 316800 | 120.431 | 19.108 | 271.282 | 41290.348 | 46526.621 | 30.484 | 31.638 | 24.219 | 1.022 | 14.691 |
| 9/9/2018 14:15 | 317700 | 120.442 | 19.107 | 271.307 | 41298.906 | 46536.609 | 30.491 | 31.645 | 24.214 | 1.022 | 14.685 |
| 9/9/2018 14:30 | 318600 | 120.389 | 19.104 | 271.188 | 41270.977 | 46508.105 | 30.47 | 31.626 | 24.23 | 1.022 | 14.687 |
| 9/9/2018 14:45 | 319500 | 120.335 | 19.098 | 271.067 | 41288.98 | 46534.758 | 30.489 | 31.644 | 24.22 | 1.022 | 14.689 |
| 9/9/2018 15:00 | 320400 | 120.313 | 19.107 | 271.017 | 41229.922 | 46458.797 | 30.434 | 31.592 | 24.254 | 1.022 | 14.681 |
| 9/9/2018 15:15 | 321300 | 120.281 | 19.112 | 270.881 | 41284.262 | 46515.063 | 30.475 | 31.63 | 24.223 | 1.022 | 14.679 |
| 9/9/2018 15:30 | 322200 | 120.243 | 19.116 | 270.86 | 41257.426 | 46480.914 | 30.451 | 31.607 | 24.238 | 1.022 | 14.675 |
| 9/9/2018 15:45 | 323100 | 120.214 | 19.107 | 270.795 | 41310.906 | 46550.742 | 30.501 | 31.655 | 24.207 | 1.022 | 14.674 |
| 9/9/2018 16:00 | 324000 | 120.19 | 19.105 | 270.739 | 41290.488 | 46529.137 | 30.485 | 31.64 | 24.219 | 1.022 | 14.679 |
| 9/9/2018 16:15 | 324900 | 120.172 | 19.104 | 270.699 | 41282.297 | 46521.121 | 30.479 | 31.634 | 24.223 | 1.022 | 14.683 |
| 9/9/2018 16:30 | 325800 | 120.127 | 19.108 | 270.598 | 41261.141 | 46493.449 | 30.459 | 31.616 | 24.236 | 1.022 | 14.678 |
| 9/9/2018 16:45 | 326700 | 120.114 | 19.099 | 270.556 | 41276.995 | 46528.766 | 30.497 | 31.64 | 24.227 | 1.022 | 14.676 |
| 9/9/2018 17:00 | 327600 | 120.116 | 19.082 | 270.574 | 41247.887 | 46504.832 | 30.467 | 31.623 | 24.244 | 1.022 | 14.673 |
| 9/9/2018 17:15 | 328500 | 120.117 | 19.091 | 270.575 | 41265.512 | 46515.461 | 30.475 | 31.631 | 24.233 | 1.022 | 14.673 |
| 9/9/2018 17:30 | 329400 | 120.146 | 19.096 | 270.641 | 41261.48 | 46505.941 | 30.468 | 31.624 | 24.236 | 1.022 | 14.671 |
| 9/9/2018 17:45 | 330300 | 120.139 | 19.099 | 270.626 | 41276.699 | 46519.695 | 30.478 | 31.633 | 24.227 | 1.022 | 14.671 |
| 9/9/2018 18:00 | 331200 | 120.189 | 19.087 | 270.737 | 41239.977 | 46490.41 | 30.456 | 31.613 | 24.248 | 1.022 | 14.672 |
| 9/9/2018 18:15 | 332100 | 120.185 | 19.098 | 270.729 | 41274.383 | 46513.391 | 30.477 | 31.638 | 24.228 | 1.022 | 14.669 |
| 9/9/2018 18:30 | 333000 | 120.225 | 19.105 | 270.818 | 41251.418 | 46485.539 | 30.454 | 31.61 | 24.242 | 1.022 | 14.662 |
| 9/9/2018 18:45 | 333900 | 120.284 | 19.096 | 270.951 | 41282.992 | 46529.57 | 30.485 | 31.64 | 24.223 | 1.022 | 14.665 |
| 9/9/2018 19:00 | 334800 | 120.334 | 19.097 | 271.065 | 41261.328 | 46504.723 | 30.467 | 31.623 | 24.236 | 1.022 | 14.66 |
| 9/9/2018 19:15 | 335700 | 120.374 | 19.105 | 271.154 | 41285.957 | 46524.555 | 30.482 | 31.637 | 24.221 | 1.022 | 14.666 |
| 9/9/2018 19:30 | 336600 | 120.407 | 19.112 | 271.228 | 41275.996 | 46506.02 | 30.469 | 31.624 | 24.227 | 1.022 | 14.665 |
| 9/9/2018 19:45 | 337500 | 120.469 | 19.105 | 271.368 | 41312.063 | 46554.063 | 30.504 | 31.657 | 24.206 | 1.022 | 14.665 |
| 9/9/2018 20:00 | 338400 | 120.508 | 19.121 | 271.456 | 41296.082 | 46519.668 | 30.479 | 31.633 | 24.215 | 1.022 | 14.668 |
| 9/9/2018 20:15 | 339300 | 120.564 | 19.123 | 271.582 | 41319.422 | 46543.941 | 30.497 | 31.65 | 24.202 | 1.022 | 14.669 |
| 9/9/2018 20:30 | 340200 | 120.615 | 19.119 | 271.696 | 41248.59 | 46468.074 | 30.441 | 31.598 | 24.243 | 1.022 | 14.67 |
| 9/9/2018 20:45 | 341100 | 120.648 | 19.104 | 271.773 | 41278.008 | 46516.375 | 30.476 | 31.631 | 24.226 | 1.022 | 14.67 |
| 9/9/2018 21:00 | 342000 | 120.711 | 19.109 | 271.913 | 41269.863 | 46501.973 | 30.466 | 31.621 | 24.231 | 1.022 | 14.679 |
| 9/9/2018 21:15 | 342900 | 120.756 | 19.109 | 272.026 | 41298.266 | 46535.375 | 30.489 | 31.644 | 24.214 | 1.022 | 14.681 |
| 9/9/2018 21:30 | 343800 | 120.794 | 19.117 | 272.101 | 41291.484 | 46518.063 | 30.478 | 31.632 | 24.218 | 1.022 | 14.682 |
| 9/9/2018 21:45 | 344700 | 120.803 | 19.111 | 272.121 | 41343.652 | 46584.16 | 30.526 | 31.677 | 24.188 | 1.022 | 14.686 |
| 9/9/2018 22:00 | 345600 | 120.874 | 19.111 | 272.281 | 41306.465 | 46542.168 | 30.495 | 31.649 | 24.209 | 1.022 | 14.684 |
| 9/9/2018 22:15 | 346500 | 120.896 | 19.114 | 272.329 | 41310.48 | 46543.293 | 30.496 | 31.649 | 24.207 | 1.022 | 14.688 |
| 9/9/2018 22:30 | 347400 | 120.905 | 19.112 | 272.35 | 41300.406 | 46533.867 | 30.489 | 31.643 | 24.213 | 1.022 | 14.686 |
| 9/9/2018 22:45 | 348300 | 120.902 | 19.103 | 272.344 | 41326.09 | 46571.895 | 30.516 | 31.669 | 24.198 | 1.022 | 14.685 |
| 9/9/2018 23:00 | 349200 | 120.927 | 19.112 | 272.425 | 41310.766 | 46548.826 | 30.497 | 31.65 | 24.237 | 1.022 | 14.687 |
| 9/9/2018 23:15 | 350100 | 120.929 | 19.112 | 272.405 | 41320.711 | 46556.484 | 30.506 | 31.658 | 24.201 | 1.022 | 14.689 |
| 9/9/2018 23:30 | 351000 | 120.93 | 19.114 | 272.406 | 41319.969 | 46553.723 | 30.504 | 31.657 | 24.201 | 1.022 | 14.682 |
| 9/9/2018 23:45 | 351900 | 120.876 | 19.106 | 272.286 | 41366.828 | 46614.285 | 30.548 | 31.698 | 24.174 | 1.022 | 14.686 |
| 9/10/2018 0:00 | 352800 | 120.894 | 19.09 | 272.326 | 41282.086 | 46535.012 | 30.489 | 31.644 | 24.224 | 1.022 | 14.687 |
| 9/10/2018 0:15 | 353700 | 120.931 | 19.087 | 272.184 | 41329.102 | 46590.715 | 30.53 | 31.682 | 24.196 | 1.022 | 14.692 |
| 9/10/2018 0:30 | 354600 | 120.831 | 19.095 | 272.185 | 41312.766 | 46564.793 | 30.511 | 31.664 | 24.206 | 1.022 | 14.681 |
| 9/10/2018 0:45 | 355500 | 120.786 | 19.109 | 272.083 | 41331.016 | 46571.402 | 30.516 | 31.669 | 24.195 | 1.022 | 14.684 |
| 9/10/2018 1:00 | 356400 | 120.756 | 19.104 | 272.014 | 41319.117 | 46562.699 | 30.51 | 31.663 | 24.202 | 1.022 | 14.682 |
| 9/10/2018 1:15 | 357300 | 120.699 | 19.101 | 271.887 | 41336.094 | 46584.801 | 30.526 | 31.678 | 24.192 | 1.022 | 14.681 |
| 9/10/2018 1:30 | 358200 | 120.604 | 19.109 | 271.673 | 41257.105 | 46488.301 | 30.456 | 31.612 | 24.238 | 1.022 | 14.688 |
| 9/10/2018 1:45 | 359100 | 120.551 | 19.102 | 271.553 | 41313.77 | 46558.516 | 30.507 | 31.66 | 24.205 | 1.022 | 14.681 |
| 9/10/2018 2:00 | 360000 | 120.508 | 19.089 | 271.456 | 41266.093 | 46518.145 | 30.477 | 31.632 | 24.233 | 1.022 | 14.688 |
| 9/10/2018 2:15 | 360900 | 120.436 | 19.084 | 271.293 | 41239.613 | 46493.23 | 30.458 | 31.615 | 24.249 | 1.022 | 14.689 |
| 9/10/2018 2:30 | 361800 | 120.414 | 19.089 | 271.244 | 41240.406 | 46489.254 | 30.455 | 31.613 | 24.248 | 1.022 | 14.684 |
| 9/10/2018 2:45 | 362700 | 120.35 | 19.087 | 271.1 | 41286.277 | 46542.348 | 30.494 | 31.649 | 24.221 | 1.022 | 14.686 |
| 9/10/2018 3:00 | 363600 | 120.282 | 19.095 | 270.947 | 41278.938 | 46526.316 | 30.483 | 31.638 | 24.225 | 1.022 | 14.687 |
| 9/10/2018 3:15 | 364500 | 120.191 | 19.102 | 270.743 | 41289.238 | 46511.039 | 30.487 | 31.641 | 24.219 | 1.022 | 14.686 |
| 9/10/2018 3:30 | 365400 | 120.162 | 19.1 | 270.627 | 41270.906 | 46512.379 | 30.468 | 31.628 | 24.23 | 1.022 | 14.681 |
| 9/10/2018 3:45 | 366300 | 120.124 | 19.099 | 270.59 | 41260.543 | 46501.582 | 30.465 | 31.621 | 24.236 | 1.022 | 14.68 |
| 9/10/2018 4:00 | 367200 | 120.073 | 19.099 | 270.477 | 41261.039 | 46502.742 | 30.466 | 31.622 | 24.236 | 1.022 | 14.682 |
| 9/10/2018 4:15 | 368100 | 120.025 | 19.102 | 270.369 | 41270.105 | 46509.477 | 30.471 | 31.626 | 24.231 | 1.022 | 14.677 |
| 9/10/2018 4:30 | 369000 | 119.966 | 19.094 | 270.235 | 41261.094 | 46507.594 | 30.469 | 31.625 | 24.236 | 1.022 | 14.684 |
| 9/10/2018 4:45 | 369900 | 119.948 | 19.082 | 270.194 | 41274.656 | 46534.398 | 30.488 | 31.643 | 24.228 | 1.022 | 14.675 |
| 9/10/2018 5:00 | 370800 | 119.844 | 19.089 | 270.083 | 41271.336 | 46470.73 | 30.46 | 31.62 | 24.262 | 1.022 | 14.679 |
| 9/10/2018 5:15 | 371700 | 119.9 | 19.082 | 270.086 | 41272.262 | 46531.867 | 30.486 | 31.642 | 24.229 | 1.022 | 14.675 |
| 9/10/2018 5:30 | 372600 | 119.919 | 19.084 | 270.129 | 41222.883 | 46474.637 | 30.445 | 31.603 | 24.258 | 1.022 | 14.678 |
| 9/10/2018 5:45 | 373500 | 119.87 | 19.09 | 270.02 | 41245.555 | 46493.832 | 30.459 | 31.616 | 24.245 | 1.022 | 14.686 |
| 9/10/2018 6:00 | 374400 | 119.872 | 19.089 | 270.023 | 41241.742 | 46491.012 | 30.457 | 31.614 | 24.247 | 1.022 | 14.688 |
| 9/10/2018 6:15 | 375300 | 119.89 | 19.086 | 270.065 | 41241.793 | 46493.254 | 30.458 | 31.615 | 24.247 | 1.022 | 14.682 |
| 9/10/2018 6:30 | 376200 | 119.898 | 19.089 | 270.063 | 41245.934 | 46494.934 | 30.46 | 31.617 | 24.244 | 1.022 | 14.68 |
| 9/10/2018 6:45 | 377100 | 119.954 | 19.098 | 270.208 | 41243.832 | 46483.609 | 30.452 | 31.609 | 24.246 | 1.022 | 14.684 |
| 9/10/2018 7:00 | 378000 | 119.942 | 19.109 | 270.181 | 41218.773 | 46444.238 | 30.424 | 31.582 | 24.261 | 1.022 | 14.688 |
| 9/10/2018 7:15 | 378900 | 120.003 | 19.111 | 270.32 | 41288.734 | 46521.145 | 30.48 | 31.634 | 24.22 | 1.022 | 14.689 |
| 9/10/2018 7:30 | 379800 | 120.042 | 19.116 | 270.406 | 41242.316 | 46464.578 | 30.439 | 31.596 | 24.247 | 1.022 | 14.69 |
| 9/10/2018 7:45 | 380700 | 120.086 | 19.12 | 270.505 | 41255.227 | 46474.422 | 30.446 | 31.603 | 24.239 | 1.022 | 14.693 |
| 9/10/2018 8:00 | 381600 | 120.107 | 19.114 | 270.553 | 41233.438 | 46465.793 | 30.432 | 31.59 | 24.252 | 1.022 | 14.696 |
| 9/10/2018 8:15 | 382500 | 120.184 | 19.117 | 270.727 | 41260.945 | 46490.645 | 30.458 | 31.614 | 24.233 | 1.022 | 14.701 |
| 9/10/2018 8:30 | 383400 | 120.244 | 19.119 | 270.86 | 41264.469 | 46485.711 | | | | | |

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|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/11/2018 17:00 | 500400 | 120.371 | 19.113 | 271.147 | 41250.184 | 46476.41 | 30.447 | 31.604 | 24.242 | 1.022 | 14.666 |
| 9/11/2018 17:15 | 501300 | 120.341 | 19.105 | 271.08 | 41244.641 | 46478.16 | 30.448 | 31.605 | 24.246 | 1.022 | 14.661 |
| 9/11/2018 17:30 | 502200 | 120.292 | 19.096 | 270.97 | 41197.652 | 46434.094 | 30.416 | 31.575 | 24.273 | 1.021 | 14.664 |
| 9/11/2018 17:45 | 503100 | 120.28 | 19.096 | 270.941 | 41240.945 | 46482.973 | 30.451 | 31.608 | 24.248 | 1.022 | 14.656 |
| 9/11/2018 18:00 | 504000 | 120.242 | 19.094 | 270.857 | 41247.59 | 46492.289 | 30.458 | 31.615 | 24.244 | 1.022 | 14.661 |
| 9/11/2018 18:15 | 504900 | 120.229 | 19.109 | 270.828 | 41268.223 | 46500.469 | 30.465 | 31.62 | 24.232 | 1.022 | 14.663 |
| 9/11/2018 18:30 | 505800 | 120.82 | 19.084 | 270.82 | 41230.883 | 46474.066 | 30.445 | 31.603 | 24.254 | 1.022 | 14.657 |
| 9/11/2018 18:45 | 506700 | 120.213 | 19.092 | 270.791 | 41268.16 | 46517.57 | 30.476 | 31.632 | 24.232 | 1.022 | 14.656 |
| 9/11/2018 19:00 | 507600 | 120.211 | 19.096 | 270.786 | 41270.445 | 46515.879 | 30.475 | 31.631 | 24.23 | 1.022 | 14.655 |
| 9/11/2018 19:15 | 508500 | 120.22 | 19.105 | 270.807 | 41249.906 | 46483.75 | 30.452 | 31.609 | 24.242 | 1.022 | 14.661 |
| 9/11/2018 19:30 | 509400 | 120.221 | 19.112 | 270.809 | 41223.918 | 46447.594 | 30.426 | 31.584 | 24.258 | 1.022 | 14.662 |
| 9/11/2018 19:45 | 510300 | 120.246 | 19.118 | 270.805 | 41307.457 | 46535.527 | 30.491 | 31.644 | 24.209 | 1.022 | 14.657 |
| 9/11/2018 20:00 | 511200 | 120.274 | 19.120 | 270.799 | 41245.508 | 46465.051 | 30.439 | 31.596 | 24.26 | 1.022 | 14.66 |
| 9/11/2018 20:15 | 512100 | 120.268 | 19.111 | 270.914 | 41268.191 | 46498.605 | 30.463 | 31.619 | 24.232 | 1.022 | 14.656 |
| 9/11/2018 20:30 | 513000 | 120.338 | 19.108 | 271.073 | 41219.703 | 46446.672 | 30.425 | 31.584 | 24.26 | 1.022 | 14.662 |
| 9/11/2018 20:45 | 513900 | 120.362 | 19.108 | 271.126 | 41273.563 | 46507.02 | 30.469 | 31.625 | 24.229 | 1.022 | 14.667 |
| 9/11/2018 21:00 | 514800 | 120.377 | 19.107 | 271.161 | 41274.07 | 46508.461 | 30.47 | 31.626 | 24.228 | 1.022 | 14.673 |
| 9/11/2018 21:15 | 515700 | 120.437 | 19.116 | 271.296 | 41320.805 | 46525.66 | 30.503 | 31.656 | 24.201 | 1.022 | 14.667 |
| 9/11/2018 21:30 | 516600 | 120.486 | 19.127 | 271.467 | 41269.57 | 46474.043 | 30.446 | 31.602 | 24.236 | 1.022 | 14.671 |
| 9/11/2018 21:45 | 517500 | 120.536 | 19.114 | 271.518 | 41259.016 | 46484.797 | 30.453 | 31.61 | 24.237 | 1.022 | 14.676 |
| 9/11/2018 22:00 | 518400 | 120.59 | 19.103 | 271.641 | 41272.32 | 46510.758 | 30.472 | 31.627 | 24.229 | 1.022 | 14.675 |
| 9/11/2018 22:15 | 519300 | 120.598 | 19.111 | 271.658 | 41306.02 | 46540.703 | 30.494 | 31.648 | 24.21 | 1.022 | 14.682 |
| 9/11/2018 22:30 | 520200 | 120.664 | 19.113 | 271.807 | 41242.934 | 46467.449 | 30.441 | 31.598 | 24.247 | 1.022 | 14.677 |
| 9/11/2018 22:45 | 521100 | 120.715 | 19.125 | 271.922 | 41292.395 | 46512.031 | 30.474 | 31.628 | 24.218 | 1.022 | 14.678 |
| 9/11/2018 23:00 | 522000 | 120.76 | 19.121 | 272.023 | 41292.893 | 46493.152 | 30.466 | 31.615 | 24.229 | 1.022 | 14.68 |
| 9/11/2018 23:15 | 522900 | 120.785 | 19.117 | 272.081 | 41321.344 | 46511.785 | 30.503 | 31.655 | 24.201 | 1.022 | 14.678 |
| 9/11/2018 23:30 | 523800 | 120.824 | 19.123 | 272.168 | 41242.742 | 46457.926 | 30.434 | 31.591 | 24.247 | 1.022 | 14.675 |
| 9/11/2018 23:45 | 524700 | 120.841 | 19.128 | 272.206 | 41317.316 | 46537.141 | 30.492 | 31.645 | 24.203 | 1.022 | 14.686 |
| 9/12/2018 0:00 | 525600 | 120.874 | 19.121 | 272.281 | 41308.473 | 46533.457 | 30.489 | 31.643 | 24.208 | 1.022 | 14.679 |
| 9/12/2018 0:15 | 526500 | 120.89 | 19.122 | 272.316 | 41304.223 | 46527.531 | 30.485 | 31.639 | 24.211 | 1.022 | 14.674 |
| 9/12/2018 0:30 | 527400 | 120.895 | 19.108 | 272.329 | 41262.711 | 46495.395 | 30.461 | 31.617 | 24.235 | 1.022 | 14.685 |
| 9/12/2018 0:45 | 528300 | 120.901 | 19.111 | 272.342 | 41300.633 | 46534.391 | 30.49 | 31.643 | 24.213 | 1.022 | 14.685 |
| 9/12/2018 1:00 | 529200 | 120.911 | 19.115 | 272.364 | 41270.961 | 46497.203 | 30.463 | 31.618 | 24.23 | 1.022 | 14.679 |
| 9/12/2018 1:15 | 530100 | 120.89 | 19.115 | 272.317 | 41315.98 | 46548.273 | 30.5 | 31.653 | 24.204 | 1.022 | 14.681 |
| 9/12/2018 1:30 | 531000 | 120.887 | 19.113 | 272.311 | 41270.754 | 46499.059 | 30.464 | 31.619 | 24.23 | 1.022 | 14.687 |
| 9/12/2018 1:45 | 531900 | 120.872 | 19.112 | 272.277 | 41304.875 | 46538.375 | 30.492 | 31.646 | 24.21 | 1.022 | 14.686 |
| 9/12/2018 2:00 | 532800 | 120.862 | 19.107 | 272.262 | 41273.093 | 46511.625 | 30.48 | 31.625 | 24.229 | 1.022 | 14.685 |
| 9/12/2018 2:15 | 533700 | 120.796 | 19.087 | 272.104 | 41285.983 | 46541.902 | 30.494 | 31.649 | 24.221 | 1.022 | 14.68 |
| 9/12/2018 2:30 | 534600 | 120.775 | 19.091 | 272.057 | 41251.785 | 46500.148 | 30.464 | 31.62 | 24.241 | 1.022 | 14.685 |
| 9/12/2018 2:45 | 535500 | 120.75 | 19.099 | 272 | 41288.73 | 46533.078 | 30.488 | 31.642 | 24.22 | 1.022 | 14.688 |
| 9/12/2018 3:00 | 536400 | 120.716 | 19.101 | 271.924 | 41300.563 | 46544.758 | 30.497 | 31.65 | 24.213 | 1.022 | 14.683 |
| 9/12/2018 3:15 | 537300 | 120.638 | 19.088 | 271.749 | 41280.156 | 46534.582 | 30.489 | 31.644 | 24.225 | 1.022 | 14.686 |
| 9/12/2018 3:30 | 538200 | 120.635 | 19.084 | 271.743 | 41288.504 | 46491.801 | 30.457 | 31.614 | 24.249 | 1.022 | 14.682 |
| 9/12/2018 3:45 | 539100 | 120.687 | 19.097 | 271.835 | 41293.734 | 46550.754 | 30.5 | 31.655 | 24.217 | 1.022 | 14.684 |
| 9/12/2018 4:00 | 540000 | 120.538 | 19.102 | 271.523 | 41263.863 | 46502.871 | 30.466 | 31.622 | 24.234 | 1.022 | 14.678 |
| 9/12/2018 4:15 | 540900 | 120.494 | 19.1 | 271.424 | 41282.836 | 46526.27 | 30.483 | 31.638 | 24.223 | 1.022 | 14.682 |
| 9/12/2018 4:30 | 541800 | 120.449 | 19.094 | 271.323 | 41269.363 | 46517.004 | 30.476 | 31.632 | 24.231 | 1.022 | 14.683 |
| 9/12/2018 4:45 | 542700 | 120.41 | 19.095 | 271.234 | 41280.824 | 46528.441 | 30.484 | 31.639 | 24.224 | 1.022 | 14.683 |
| 9/12/2018 5:00 | 543600 | 120.333 | 19.103 | 271.061 | 41271.484 | 46510.16 | 30.471 | 31.627 | 24.23 | 1.022 | 14.683 |
| 9/12/2018 5:15 | 544500 | 120.322 | 19.097 | 271.037 | 41255.082 | 46497.082 | 30.462 | 31.618 | 24.239 | 1.022 | 14.686 |
| 9/12/2018 5:30 | 545400 | 120.26 | 19.106 | 270.898 | 41241.242 | 46473.293 | 30.445 | 31.602 | 24.248 | 1.022 | 14.687 |
| 9/12/2018 5:45 | 546300 | 120.235 | 19.098 | 270.842 | 41258.516 | 46500.766 | 30.464 | 31.621 | 24.237 | 1.022 | 14.684 |
| 9/12/2018 6:00 | 547200 | 120.236 | 19.098 | 270.843 | 41253.016 | 46494.051 | 30.459 | 31.616 | 24.241 | 1.022 | 14.687 |
| 9/12/2018 6:15 | 548100 | 120.224 | 19.099 | 270.816 | 41260.344 | 46501.262 | 30.465 | 31.621 | 24.236 | 1.022 | 14.684 |
| 9/12/2018 6:30 | 549000 | 120.188 | 19.098 | 270.735 | 41238.359 | 46477.789 | 30.448 | 31.605 | 24.249 | 1.022 | 14.696 |
| 9/12/2018 6:45 | 549900 | 120.177 | 19.094 | 270.71 | 41289.375 | 46539.301 | 30.492 | 31.647 | 24.219 | 1.022 | 14.692 |
| 9/12/2018 7:00 | 550800 | 120.158 | 19.089 | 270.667 | 41239.379 | 46487.66 | 30.454 | 31.612 | 24.249 | 1.022 | 14.688 |
| 9/12/2018 7:15 | 551700 | 120.17 | 19.086 | 270.694 | 41235.938 | 46487.34 | 30.454 | 31.611 | 24.251 | 1.022 | 14.689 |
| 9/12/2018 7:30 | 552600 | 120.159 | 19.086 | 270.671 | 41217.102 | 46465.5 | 30.438 | 31.597 | 24.262 | 1.022 | 14.7 |
| 9/12/2018 7:45 | 553500 | 120.173 | 19.09 | 270.701 | 41296.32 | 46550.969 | 30.501 | 31.655 | 24.215 | 1.022 | 14.701 |
| 9/12/2018 8:00 | 554400 | 120.217 | 19.103 | 270.8 | 41259.688 | 46496.5 | 30.461 | 31.618 | 24.237 | 1.022 | 14.701 |
| 9/12/2018 8:15 | 555300 | 120.237 | 19.107 | 270.837 | 41280.883 | 46517.836 | 30.485 | 31.639 | 24.227 | 1.022 | 14.724 |
| 9/12/2018 8:30 | 556200 | 120.26 | 19.104 | 270.896 | 41217.871 | 46448.605 | 30.427 | 31.585 | 24.261 | 1.022 | 14.704 |
| 9/12/2018 8:45 | 557100 | 120.273 | 19.098 | 270.926 | 41217.762 | 46454.836 | 30.431 | 31.589 | 24.261 | 1.022 | 14.705 |
| 9/12/2018 9:00 | 558000 | 120.332 | 19.115 | 271.06 | 41233.563 | 46455.59 | 30.432 | 31.59 | 24.252 | 1.022 | 14.713 |
| 9/12/2018 9:15 | 558900 | 120.373 | 19.117 | 271.152 | 41258.078 | 46481.121 | 30.451 | 31.607 | 24.238 | 1.022 | 14.711 |
| 9/12/2018 9:30 | 559800 | 120.414 | 19.114 | 271.245 | 41238.195 | 46461.238 | 30.436 | 31.594 | 24.249 | 1.022 | 14.71 |
| 9/12/2018 9:45 | 560700 | 120.466 | 19.107 | 271.337 | 41224.086 | 46463.09 | 30.432 | 31.595 | 24.257 | 1.022 | 14.715 |
| 9/12/2018 10:00 | 561600 | 120.519 | 19.112 | 271.481 | 41227.938 | 46452.301 | 30.43 | 31.588 | 24.255 | 1.022 | 14.713 |
| 9/12/2018 10:15 | 562500 | 120.547 | 19.118 | 271.544 | 41259.633 | 46481.828 | 30.451 | 31.608 | 24.237 | 1.022 | 14.724 |
| 9/12/2018 10:30 | 563400 | 120.608 | 19.117 | 271.682 | 41263.875 | 46487.469 | 30.456 | 31.611 | 24.234 | 1.022 | 14.719 |
| 9/12/2018 10:45 | 564300 | 120.664 | 19.106 | 271.807 | 41260.633 | 46494.801 | 30.46 | 31.616 | 24.236 | 1.022 | 14.719 |
| 9/12/2018 11:00 | 565200 | 120.705 | 19.103 | 271.9 | 41229.641 | 46463.348 | 30.437 | 31.595 | 24.254 | 1.022 | 14.719 |
| 9/12/2018 11:15 | 566100 | 120.75 | 19.115 | 272.005 | 41275.891 | 46512.986 | 30.485 | 31.627 | 24.227 | 1.022 | 14.724 |
| 9/12/2018 11:30 | 567000 | 120.786 | 19.123 | 272.083 | 41252.871 | 46469.16 | 30.442 | 31.599 | 24.241 | 1.022 | 14.72 |
| 9/12/2018 11:45 | 567900 | 120.825 | 19.125 | 272.17 | 41260.52 | 46475.871 | 30.447 | 31.604 | 24.236 | 1.022 | 14.725 |
| 9/12/2018 12:00 | 568800 | 120.852 | 19.126 | 272.232 | 41287.09 | 46504.828 | 30.469 | 31.623 | 24.221 | 1.022 | 14.722 |
| 9/12/2018 12:15 | 569700 | 120.89 | 19.114 | 272.316 | 41262.211 | 46488.824 | 30.456 | 31.612 | 24.235 | 1.022 | 14.72 |
| 9/12/2018 12:30 | 570600 | 120.892 | 19.12 | 272.32 | 41298.586 | 46523.266 | 30.482 | 31.636 | 24.214 | 1.022 | 14.72 |
| 9/12/2018 12:45 | 571500 | 120.928 | 19.123 | 272.403 | 41328.488 | 46554.254 | 30.505 | 31.657 | 24.196 | 1.022 | 14.721 |
| 9/12/2018 13:00 | 572400 | 120.941 | 19.117 | 272.431 | 41276.98 | 46502.152 | 30.466 | 31.621 | 24.227 | 1.022 | 14.72 |
| 9/12/2018 13:15 | 573300 | 120.955 | 19.116 | 272.462 | 41295.27 | 46523 | | | | | |

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|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/13/2018 21:45 | 690300 | 120.178 | 19.113 | 270.714 | 41282.051 | 46511.438 | 30.473 | 31.628 | 24.224 | 1.022 | 14.712 |
| 9/13/2018 22:00 | 691200 | 120.233 | 19.114 | 270.837 | 41266.938 | 46494.148 | 30.46 | 31.616 | 24.232 | 1.022 | 14.714 |
| 9/13/2018 22:15 | 692100 | 120.257 | 19.111 | 270.891 | 41269.074 | 46499.684 | 30.464 | 31.62 | 24.231 | 1.022 | 14.712 |
| 9/13/2018 22:30 | 693000 | 120.287 | 19.094 | 270.957 | 41251.297 | 46496.469 | 30.461 | 31.618 | 24.242 | 1.022 | 14.716 |
| 9/13/2018 22:45 | 693900 | 120.307 | 19.107 | 271.004 | 41263.379 | 46496.664 | 30.462 | 31.618 | 24.235 | 1.022 | 14.717 |
| 9/13/2018 23:00 | 694800 | 120.34 | 19.106 | 271.077 | 41251.293 | 46484.094 | 30.453 | 31.609 | 24.242 | 1.022 | 14.711 |
| 9/13/2018 23:15 | 695700 | 120.371 | 19.105 | 271.151 | 41279.949 | 46485.516 | 30.455 | 31.625 | 24.235 | 1.022 | 14.715 |
| 9/13/2018 23:30 | 696600 | 120.374 | 19.101 | 271.154 | 41255.957 | 46494.227 | 30.46 | 31.616 | 24.239 | 1.022 | 14.717 |
| 9/13/2018 23:45 | 697500 | 120.406 | 19.111 | 271.226 | 41254.41 | 46482.734 | 30.452 | 31.608 | 24.24 | 1.022 | 14.714 |
| 9/14/2018 0:00 | 698400 | 120.457 | 19.109 | 271.342 | 41259.805 | 46491.074 | 30.458 | 31.614 | 24.237 | 1.022 | 14.713 |
| 9/14/2018 0:15 | 699300 | 120.493 | 19.113 | 271.422 | 41267.191 | 46495.648 | 30.461 | 31.617 | 24.232 | 1.022 | 14.716 |
| 9/14/2018 0:30 | 700200 | 120.524 | 19.112 | 271.492 | 41265.559 | 46494.508 | 30.46 | 31.616 | 24.233 | 1.022 | 14.718 |
| 9/14/2018 0:45 | 701100 | 120.548 | 19.114 | 271.546 | 41307.566 | 46493.656 | 30.463 | 31.647 | 24.209 | 1.022 | 14.723 |
| 9/14/2018 1:00 | 702000 | 120.578 | 19.109 | 271.614 | 41276.328 | 46509.961 | 30.472 | 31.627 | 24.227 | 1.022 | 14.723 |
| 9/14/2018 1:15 | 702900 | 120.616 | 19.116 | 271.699 | 41272.539 | 46498.191 | 30.463 | 31.619 | 24.229 | 1.022 | 14.717 |
| 9/14/2018 1:30 | 703800 | 120.627 | 19.121 | 271.724 | 41252.258 | 46470.734 | 30.443 | 31.6 | 24.241 | 1.022 | 14.721 |
| 9/14/2018 1:45 | 704700 | 120.654 | 19.108 | 271.784 | 41271.582 | 46505.566 | 30.468 | 31.624 | 24.23 | 1.022 | 14.722 |
| 9/14/2018 2:00 | 705600 | 120.671 | 19.106 | 271.824 | 41247.309 | 46480.129 | 30.45 | 31.606 | 24.244 | 1.022 | 14.715 |
| 9/14/2018 2:15 | 706500 | 120.683 | 19.102 | 271.864 | 41243.57 | 46479.137 | 30.449 | 31.608 | 24.246 | 1.022 | 14.721 |
| 9/14/2018 2:30 | 707400 | 120.675 | 19.113 | 271.833 | 41266.246 | 46493.98 | 30.46 | 31.616 | 24.233 | 1.022 | 14.72 |
| 9/14/2018 2:45 | 708300 | 120.682 | 19.105 | 271.848 | 41240.02 | 46472.879 | 30.444 | 31.602 | 24.248 | 1.022 | 14.724 |
| 9/14/2018 3:00 | 709200 | 120.697 | 19.111 | 271.883 | 41260.398 | 46489.301 | 30.457 | 31.613 | 24.236 | 1.022 | 14.716 |
| 9/14/2018 3:15 | 710100 | 120.678 | 19.113 | 271.838 | 41298.578 | 46530.844 | 30.487 | 31.641 | 24.214 | 1.022 | 14.716 |
| 9/14/2018 3:30 | 711000 | 120.674 | 19.103 | 271.83 | 41274.914 | 46513.414 | 30.474 | 31.629 | 24.228 | 1.022 | 14.717 |
| 9/14/2018 3:45 | 711900 | 120.647 | 19.105 | 271.769 | 41259.625 | 46514.84 | 30.474 | 31.63 | 24.237 | 1.022 | 14.717 |
| 9/14/2018 4:00 | 712800 | 120.654 | 19.091 | 271.784 | 41279.555 | 46531.105 | 30.486 | 31.641 | 24.225 | 1.022 | 14.719 |
| 9/14/2018 4:15 | 713700 | 120.633 | 19.1 | 271.737 | 41276.727 | 46518.938 | 30.478 | 31.633 | 24.227 | 1.022 | 14.715 |
| 9/14/2018 4:30 | 714600 | 120.605 | 19.089 | 271.674 | 41268.25 | 46519.938 | 30.478 | 31.634 | 24.232 | 1.022 | 14.713 |
| 9/14/2018 4:45 | 715500 | 120.603 | 19.094 | 271.67 | 41295.195 | 46545.602 | 30.497 | 31.651 | 24.216 | 1.022 | 14.713 |
| 9/14/2018 5:00 | 716400 | 120.575 | 19.096 | 271.606 | 41251.531 | 46494.988 | 30.46 | 31.617 | 24.242 | 1.022 | 14.711 |
| 9/14/2018 5:15 | 717300 | 120.581 | 19.097 | 271.568 | 41294.836 | 46540.888 | 30.459 | 31.648 | 24.216 | 1.022 | 14.704 |
| 9/14/2018 5:30 | 718200 | 120.546 | 19.089 | 271.543 | 41266.703 | 46518.898 | 30.477 | 31.633 | 24.233 | 1.022 | 14.708 |
| 9/14/2018 5:45 | 719100 | 120.51 | 19.089 | 271.46 | 41241.215 | 46489.98 | 30.456 | 31.613 | 24.248 | 1.022 | 14.708 |
| 9/14/2018 6:00 | 720000 | 120.457 | 19.091 | 271.342 | 41244.66 | 46491.344 | 30.457 | 31.614 | 24.246 | 1.022 | 14.71 |
| 9/14/2018 6:15 | 720900 | 120.456 | 19.091 | 271.34 | 41288.313 | 46541.508 | 30.494 | 31.648 | 24.22 | 1.022 | 14.709 |
| 9/14/2018 6:30 | 721800 | 120.421 | 19.095 | 271.26 | 41238.523 | 46480.426 | 30.449 | 31.607 | 24.249 | 1.022 | 14.705 |
| 9/14/2018 6:45 | 722700 | 120.4 | 19.104 | 271.242 | 41313.773 | 46562.961 | 30.51 | 31.625 | 24.205 | 1.022 | 14.707 |
| 9/14/2018 7:00 | 723600 | 120.4 | 19.1 | 271.214 | 41240.789 | 46478.086 | 30.448 | 31.605 | 24.248 | 1.022 | 14.705 |
| 9/14/2018 7:15 | 724500 | 120.36 | 19.092 | 271.122 | 41273.957 | 46524.02 | 30.481 | 31.636 | 24.228 | 1.022 | 14.71 |
| 9/14/2018 7:30 | 725400 | 120.34 | 19.091 | 271.078 | 41254.438 | 46503.32 | 30.466 | 31.622 | 24.24 | 1.022 | 14.707 |
| 9/14/2018 7:45 | 726300 | 120.364 | 19.093 | 271.132 | 41263.141 | 46510.352 | 30.471 | 31.627 | 24.235 | 1.022 | 14.71 |
| 9/14/2018 8:00 | 727200 | 120.351 | 19.104 | 271.102 | 41218.605 | 46449.516 | 30.427 | 31.586 | 24.261 | 1.022 | 14.715 |
| 9/14/2018 8:15 | 728100 | 120.332 | 19.094 | 271.059 | 41242.672 | 46486.402 | 30.454 | 31.611 | 24.247 | 1.022 | 14.711 |
| 9/14/2018 8:30 | 729000 | 120.329 | 19.09 | 271.053 | 41252.88 | 46511.855 | 30.461 | 31.615 | 24.241 | 1.022 | 14.708 |
| 9/14/2018 8:45 | 729900 | 120.323 | 19.092 | 271.04 | 41266.926 | 46516.352 | 30.475 | 31.631 | 24.232 | 1.022 | 14.709 |
| 9/14/2018 9:00 | 730800 | 120.338 | 19.088 | 271.074 | 41243.383 | 46493.82 | 30.459 | 31.616 | 24.246 | 1.022 | 14.709 |
| 9/14/2018 9:15 | 731700 | 120.369 | 19.09 | 271.143 | 41258.223 | 46508.113 | 30.469 | 31.626 | 24.238 | 1.022 | 14.707 |
| 9/14/2018 9:30 | 732600 | 120.398 | 19.11 | 271.208 | 41217.785 | 46442.156 | 30.422 | 31.581 | 24.261 | 1.022 | 14.704 |
| 9/14/2018 9:45 | 733500 | 120.414 | 19.11 | 271.243 | 41248.188 | 46476.336 | 30.447 | 31.604 | 24.243 | 1.022 | 14.706 |
| 9/14/2018 10:00 | 734400 | 120.396 | 19.117 | 271.205 | 41207.551 | 46424.367 | 30.409 | 31.569 | 24.267 | 1.021 | 14.713 |
| 9/14/2018 10:15 | 735300 | 120.443 | 19.114 | 271.31 | 41287.488 | 46516.691 | 30.477 | 31.631 | 24.22 | 1.022 | 14.713 |
| 9/14/2018 10:30 | 736200 | 120.482 | 19.097 | 271.398 | 41229.828 | 46468.695 | 30.441 | 31.599 | 24.254 | 1.022 | 14.709 |
| 9/14/2018 10:45 | 737100 | 120.516 | 19.113 | 271.473 | 41227.352 | 46450.156 | 30.428 | 31.586 | 24.256 | 1.022 | 14.705 |
| 9/14/2018 11:00 | 738000 | 120.539 | 19.116 | 271.526 | 41221.867 | 46440.93 | 30.421 | 31.58 | 24.259 | 1.021 | 14.706 |
| 9/14/2018 11:15 | 738900 | 120.563 | 19.121 | 271.58 | 41286.402 | 46508.766 | 30.471 | 31.626 | 24.221 | 1.022 | 14.704 |
| 9/14/2018 11:30 | 739800 | 120.608 | 19.116 | 271.681 | 41246.238 | 46468.129 | 30.448 | 31.598 | 24.245 | 1.022 | 14.706 |
| 9/14/2018 11:45 | 740700 | 120.642 | 19.117 | 271.757 | 41262.871 | 46485.988 | 30.454 | 31.61 | 24.235 | 1.022 | 14.705 |
| 9/14/2018 12:00 | 741600 | 120.679 | 19.12 | 271.841 | 41246.18 | 46464.75 | 30.439 | 31.596 | 24.245 | 1.022 | 14.706 |
| 9/14/2018 12:15 | 742500 | 120.706 | 19.118 | 271.902 | 41277.215 | 46501.719 | 30.466 | 31.621 | 24.226 | 1.022 | 14.705 |
| 9/14/2018 12:30 | 743400 | 120.741 | 19.125 | 271.981 | 41264.477 | 46480.586 | 30.451 | 31.607 | 24.234 | 1.022 | 14.709 |
| 9/14/2018 12:45 | 744300 | 120.773 | 19.12 | 272.053 | 41277.27 | 46499.348 | 30.464 | 31.62 | 24.226 | 1.022 | 14.699 |
| 9/14/2018 13:00 | 745200 | 120.795 | 19.124 | 272.129 | 41276.93 | 46494.543 | 30.461 | 31.616 | 24.23 | 1.022 | 14.697 |
| 9/14/2018 13:15 | 746100 | 120.829 | 19.118 | 272.179 | 41264.496 | 46487.473 | 30.456 | 31.611 | 24.234 | 1.022 | 14.695 |
| 9/14/2018 13:30 | 747000 | 120.859 | 19.097 | 272.247 | 41254.656 | 46497.203 | 30.462 | 31.618 | 24.24 | 1.022 | 14.692 |
| 9/14/2018 13:45 | 747900 | 120.849 | 19.107 | 272.223 | 41253.008 | 46484.887 | 30.453 | 31.61 | 24.241 | 1.022 | 14.692 |
| 9/14/2018 14:00 | 748800 | 120.863 | 19.107 | 272.255 | 41253.629 | 46486.199 | 30.454 | 31.611 | 24.24 | 1.022 | 14.693 |
| 9/14/2018 14:15 | 749700 | 120.913 | 19.107 | 272.369 | 41286.078 | 46522.422 | 30.481 | 31.635 | 24.221 | 1.022 | 14.691 |
| 9/14/2018 14:30 | 750600 | 120.931 | 19.106 | 272.447 | 41258.691 | 46485.309 | 30.451 | 31.61 | 24.238 | 1.022 | 14.685 |
| 9/14/2018 14:45 | 751500 | 120.918 | 19.106 | 272.379 | 41270.961 | 46506.18 | 30.469 | 31.624 | 24.23 | 1.022 | 14.685 |
| 9/14/2018 15:00 | 752400 | 120.922 | 19.093 | 272.389 | 41280.203 | 46529.66 | 30.485 | 31.64 | 24.225 | 1.022 | 14.681 |
| 9/14/2018 15:15 | 753300 | 120.887 | 19.1 | 272.31 | 41245.355 | 46483.324 | 30.452 | 31.609 | 24.245 | 1.022 | 14.687 |
| 9/14/2018 15:30 | 754200 | 120.907 | 19.107 | 272.355 | 41249.203 | 46481.395 | 30.451 | 31.607 | 24.243 | 1.022 | 14.688 |
| 9/14/2018 15:45 | 755100 | 120.894 | 19.105 | 272.326 | 41249.422 | 46483.289 | 30.452 | 31.609 | 24.243 | 1.022 | 14.684 |
| 9/14/2018 16:00 | 756000 | 120.851 | 19.104 | 272.281 | 41234.914 | 46467.488 | 30.44 | 31.598 | 24.252 | 1.022 | 14.683 |
| 9/14/2018 16:15 | 756900 | 120.852 | 19.096 | 272.231 | 41231.125 | 46471.379 | 30.443 | 31.601 | 24.254 | 1.022 | 14.681 |
| 9/14/2018 16:30 | 757800 | 120.82 | 19.11 | 272.158 | 41250.094 | 46478.742 | 30.449 | 31.606 | 24.242 | 1.022 | 14.679 |
| 9/14/2018 16:45 | 758700 | 120.81 | 19.11 | 272.137 | 41234.629 | 46471.496 | 30.443 | 31.601 | 24.251 | 1.022 | 14.678 |
| 9/14/2018 17:00 | 759600 | 120.784 | 19.101 | 272.077 | 41226.793 | 46461.797 | 30.436 | 31.594 | 24.256 | 1.022 | 14.675 |
| 9/14/2018 17:15 | 760500 | 120.735 | 19.106 | 271.968 | 41290.008 | 46528.332 | 30.485 | 31.639 | 24.219 | 1.022 | 14.678 |
| 9/14/2018 17:30 | 761400 | 120.713 | 19.108 | 271.918 | 41247.578 | 46467.859 | 30.462 | 31.619 | 24.244 | 1.022 | 14.672 |
| 9/14/2018 17:45 | 762300 | 120.669 | 19.085 | 271.82 | 41207.219 | 46535.273 | 30.458 | 31.644 | 24.226 | 1.022 | 14.673 |
| 9/14/2018 18:00 | 763200 | 120.602 | 19.083 | 271.669 | 41215.1 | | | | | | |

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|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/16/2018 2:30 | 880200 | 120.377 | 19.109 | 271.16 | 41271.43 | 46503.48 | 30.467 | 31.622 | 24.23 | 1.022 | 14.717 |
| 9/16/2018 2:45 | 881100 | 120.442 | 19.101 | 271.308 | 41302.215 | 46547.141 | 30.498 | 31.652 | 24.212 | 1.022 | 14.714 |
| 9/16/2018 3:00 | 882000 | 120.446 | 19.101 | 271.315 | 41274.133 | 46514.895 | 30.475 | 31.63 | 24.228 | 1.022 | 14.718 |
| 9/16/2018 3:15 | 882900 | 120.444 | 19.1 | 271.312 | 41256.246 | 46495.598 | 30.461 | 31.617 | 24.239 | 1.022 | 14.717 |
| 9/16/2018 3:30 | 883800 | 120.502 | 19.097 | 271.443 | 41251.352 | 46493.563 | 30.459 | 31.616 | 24.242 | 1.022 | 14.717 |
| 9/16/2018 3:45 | 884700 | 120.482 | 19.108 | 271.397 | 41273.879 | 46507.805 | 30.47 | 31.625 | 24.228 | 1.022 | 14.72 |
| 9/16/2018 4:00 | 885600 | 120.531 | 19.107 | 271.508 | 41270.655 | 46499.014 | 30.442 | 31.6 | 24.232 | 1.022 | 14.718 |
| 9/16/2018 4:15 | 886500 | 120.546 | 19.101 | 271.542 | 41305.762 | 46550.539 | 30.501 | 31.654 | 24.21 | 1.022 | 14.714 |
| 9/16/2018 4:30 | 887400 | 120.573 | 19.114 | 271.603 | 41272.371 | 46499.66 | 30.464 | 31.62 | 24.229 | 1.022 | 14.716 |
| 9/16/2018 4:45 | 888300 | 120.548 | 19.107 | 271.547 | 41300.844 | 46539.586 | 30.493 | 31.647 | 24.213 | 1.022 | 14.715 |
| 9/16/2018 5:00 | 889200 | 120.572 | 19.112 | 271.6 | 41266.867 | 46495.551 | 30.461 | 31.617 | 24.233 | 1.022 | 14.716 |
| 9/16/2018 5:15 | 890100 | 120.584 | 19.114 | 271.627 | 41311.262 | 46543.914 | 30.497 | 31.65 | 24.206 | 1.022 | 14.72 |
| 9/16/2018 5:30 | 891000 | 120.596 | 19.115 | 271.653 | 41230.18 | 46451.43 | 30.459 | 31.629 | 24.254 | 1.022 | 14.723 |
| 9/16/2018 5:45 | 891900 | 120.608 | 19.095 | 271.68 | 41295.777 | 46545.117 | 30.497 | 31.651 | 24.216 | 1.022 | 14.72 |
| 9/16/2018 6:00 | 892800 | 120.601 | 19.093 | 271.666 | 41231.914 | 46475.496 | 30.446 | 31.603 | 24.253 | 1.022 | 14.726 |
| 9/16/2018 6:15 | 893700 | 120.605 | 19.106 | 271.675 | 41304.824 | 46544.684 | 30.497 | 31.65 | 24.21 | 1.022 | 14.718 |
| 9/16/2018 6:30 | 894600 | 120.558 | 19.102 | 271.569 | 41255.57 | 46493.523 | 30.459 | 31.616 | 24.239 | 1.022 | 14.724 |
| 9/16/2018 6:45 | 895500 | 120.531 | 19.099 | 271.507 | 41263.641 | 46505.676 | 30.468 | 31.624 | 24.234 | 1.022 | 14.729 |
| 9/16/2018 7:00 | 896400 | 120.567 | 19.112 | 271.589 | 41268.525 | 46488.535 | 30.456 | 31.612 | 24.241 | 1.022 | 14.726 |
| 9/16/2018 7:15 | 897300 | 120.566 | 19.112 | 271.586 | 41283.98 | 46515.266 | 30.476 | 31.63 | 24.222 | 1.022 | 14.727 |
| 9/16/2018 7:30 | 898200 | 120.552 | 19.103 | 271.556 | 41275.582 | 46514.691 | 30.475 | 31.63 | 24.227 | 1.022 | 14.729 |
| 9/16/2018 7:45 | 899100 | 120.542 | 19.113 | 271.532 | 41300.965 | 46533.535 | 30.489 | 31.643 | 24.213 | 1.022 | 14.735 |
| 9/16/2018 8:00 | 900000 | 120.525 | 19.113 | 271.493 | 41261.039 | 46488.719 | 30.456 | 31.612 | 24.236 | 1.022 | 14.737 |
| 9/16/2018 8:15 | 900900 | 120.517 | 19.113 | 271.475 | 41284.531 | 46515.109 | 30.476 | 31.63 | 24.222 | 1.022 | 14.737 |
| 9/16/2018 8:30 | 901800 | 120.514 | 19.111 | 271.468 | 41221.191 | 46455.23 | 30.431 | 31.59 | 24.259 | 1.022 | 14.732 |
| 9/16/2018 8:45 | 902700 | 120.507 | 19.093 | 271.454 | 41251.676 | 46497.941 | 30.462 | 31.619 | 24.241 | 1.022 | 14.735 |
| 9/16/2018 9:00 | 903600 | 120.471 | 19.094 | 271.372 | 41235.227 | 46478.352 | 30.448 | 31.605 | 24.251 | 1.022 | 14.734 |
| 9/16/2018 9:15 | 904500 | 120.484 | 19.09 | 271.401 | 41241.59 | 46489.105 | 30.455 | 31.613 | 24.247 | 1.022 | 14.742 |
| 9/16/2018 9:30 | 905400 | 120.465 | 19.087 | 271.36 | 41233.137 | 46482.355 | 30.45 | 31.608 | 24.252 | 1.022 | 14.733 |
| 9/16/2018 9:45 | 906300 | 120.442 | 19.102 | 271.307 | 41280.395 | 46520.902 | 30.479 | 31.634 | 24.225 | 1.022 | 14.742 |
| 9/16/2018 10:00 | 907200 | 120.481 | 19.107 | 271.396 | 41252.76 | 46483.691 | 30.452 | 31.609 | 24.241 | 1.022 | 14.735 |
| 9/16/2018 10:15 | 908100 | 120.481 | 19.11 | 271.395 | 41245.66 | 46474.266 | 30.446 | 31.603 | 24.245 | 1.022 | 14.738 |
| 9/16/2018 10:30 | 909000 | 120.476 | 19.102 | 271.384 | 41207.754 | 46438.773 | 30.419 | 31.578 | 24.267 | 1.022 | 14.745 |
| 9/16/2018 10:45 | 909900 | 120.454 | 19.107 | 271.335 | 41224.621 | 46453.512 | 30.43 | 31.588 | 24.257 | 1.022 | 14.742 |
| 9/16/2018 11:00 | 910800 | 120.465 | 19.089 | 271.359 | 41172.801 | 46413.293 | 30.4 | 31.561 | 24.288 | 1.021 | 14.744 |
| 9/16/2018 11:15 | 911700 | 120.483 | 19.088 | 271.399 | 41196.02 | 46439.738 | 30.419 | 31.579 | 24.274 | 1.022 | 14.736 |
| 9/16/2018 11:30 | 912600 | 120.505 | 19.105 | 271.449 | 41218.105 | 46464.85 | 30.426 | 31.585 | 24.261 | 1.022 | 14.743 |
| 9/16/2018 11:45 | 913500 | 120.486 | 19.101 | 271.406 | 41220.152 | 46453.969 | 30.43 | 31.589 | 24.26 | 1.022 | 14.737 |
| 9/16/2018 12:00 | 914400 | 120.538 | 19.099 | 271.524 | 41227.258 | 46463.707 | 30.437 | 31.595 | 24.256 | 1.022 | 14.734 |
| 9/16/2018 12:15 | 915300 | 120.538 | 19.103 | 271.524 | 41249.434 | 46484.965 | 30.453 | 31.61 | 24.243 | 1.022 | 14.736 |
| 9/16/2018 12:30 | 916200 | 120.559 | 19.113 | 271.571 | 41220.473 | 46442.484 | 30.422 | 31.581 | 24.26 | 1.021 | 14.735 |
| 9/16/2018 12:45 | 917100 | 120.578 | 19.113 | 271.615 | 41218.34 | 46440.531 | 30.421 | 31.58 | 24.261 | 1.021 | 14.738 |
| 9/16/2018 13:00 | 918000 | 120.6 | 19.109 | 271.662 | 41198.094 | 46421.105 | 30.407 | 31.566 | 24.273 | 1.021 | 14.733 |
| 9/16/2018 13:15 | 918900 | 120.611 | 19.113 | 271.734 | 41242.754 | 46467.59 | 30.457 | 31.598 | 24.247 | 1.022 | 14.737 |
| 9/16/2018 13:30 | 919800 | 120.646 | 19.114 | 271.766 | 41216.344 | 46436.535 | 30.418 | 31.577 | 24.262 | 1.021 | 14.727 |
| 9/16/2018 13:45 | 920700 | 120.652 | 19.116 | 271.781 | 41259.137 | 46483.453 | 30.453 | 31.609 | 24.237 | 1.022 | 14.727 |
| 9/16/2018 14:00 | 921600 | 120.691 | 19.123 | 271.867 | 41268.98 | 46487.48 | 30.456 | 31.611 | 24.231 | 1.022 | 14.73 |
| 9/16/2018 14:15 | 922500 | 120.7 | 19.106 | 271.888 | 41222.32 | 46451.887 | 30.429 | 31.587 | 24.259 | 1.022 | 14.735 |
| 9/16/2018 14:30 | 923400 | 120.718 | 19.103 | 271.929 | 41232.391 | 46466.02 | 30.439 | 31.597 | 24.253 | 1.022 | 14.725 |
| 9/16/2018 14:45 | 924300 | 120.749 | 19.114 | 271.999 | 41228.738 | 46452.109 | 30.437 | 31.594 | 24.249 | 1.022 | 14.724 |
| 9/16/2018 15:00 | 925200 | 120.773 | 19.117 | 272.053 | 41253.227 | 46475.305 | 30.447 | 31.603 | 24.241 | 1.022 | 14.72 |
| 9/16/2018 15:15 | 926100 | 120.759 | 19.098 | 272.021 | 41215.027 | 46451.754 | 30.429 | 31.587 | 24.263 | 1.022 | 14.716 |
| 9/16/2018 15:30 | 927000 | 120.772 | 19.1 | 272.051 | 41242 | 46479.367 | 30.449 | 31.606 | 24.247 | 1.022 | 14.717 |
| 9/16/2018 15:45 | 927900 | 120.82 | 19.098 | 272.16 | 41240.738 | 46480.211 | 30.449 | 31.607 | 24.248 | 1.022 | 14.711 |
| 9/16/2018 16:00 | 928800 | 120.815 | 19.114 | 272.148 | 41192.828 | 46410.227 | 30.399 | 31.559 | 24.276 | 1.021 | 14.717 |
| 9/16/2018 16:15 | 929700 | 120.797 | 19.115 | 272.106 | 41244.301 | 46467.426 | 30.441 | 31.598 | 24.246 | 1.022 | 14.711 |
| 9/16/2018 16:30 | 930600 | 120.825 | 19.117 | 272.17 | 41222.855 | 46441.176 | 30.422 | 31.58 | 24.258 | 1.021 | 14.708 |
| 9/16/2018 16:45 | 931500 | 120.839 | 19.114 | 272.202 | 41262.656 | 46489.059 | 30.457 | 31.613 | 24.235 | 1.022 | 14.711 |
| 9/16/2018 17:00 | 932400 | 120.799 | 19.098 | 272.111 | 41234.105 | 46472.738 | 30.444 | 31.601 | 24.252 | 1.022 | 14.701 |
| 9/16/2018 17:15 | 933300 | 120.817 | 19.1 | 272.152 | 41281.211 | 46523.828 | 30.481 | 31.636 | 24.224 | 1.022 | 14.704 |
| 9/16/2018 17:30 | 934200 | 120.804 | 19.113 | 272.123 | 41262.211 | 46490.099 | 30.457 | 31.613 | 24.235 | 1.022 | 14.707 |
| 9/16/2018 17:45 | 935100 | 120.814 | 19.115 | 272.145 | 41296.32 | 46535.031 | 30.484 | 31.638 | 24.215 | 1.022 | 14.712 |
| 9/16/2018 18:00 | 936000 | 120.781 | 19.103 | 272.072 | 41274.293 | 46513.059 | 30.474 | 31.629 | 24.228 | 1.022 | 14.709 |
| 9/16/2018 18:15 | 936900 | 120.77 | 19.111 | 272.046 | 41270.539 | 46500.727 | 30.465 | 31.62 | 24.23 | 1.022 | 14.708 |
| 9/16/2018 18:30 | 937800 | 120.705 | 19.097 | 271.9 | 41242.887 | 46483.766 | 30.452 | 31.609 | 24.247 | 1.022 | 14.711 |
| 9/16/2018 18:45 | 938700 | 120.723 | 19.1 | 271.94 | 41306.5 | 46552.492 | 30.502 | 31.656 | 24.209 | 1.022 | 14.714 |
| 9/16/2018 19:00 | 939600 | 120.671 | 19.098 | 271.823 | 41243.77 | 46484.063 | 30.452 | 31.609 | 24.246 | 1.022 | 14.708 |
| 9/16/2018 19:15 | 940500 | 120.671 | 19.105 | 271.821 | 41285.75 | 46527.524 | 30.484 | 31.639 | 24.221 | 1.022 | 14.713 |
| 9/16/2018 19:30 | 941400 | 120.645 | 19.1 | 271.765 | 41250.676 | 46489.758 | 30.456 | 31.613 | 24.242 | 1.022 | 14.709 |
| 9/16/2018 19:45 | 942300 | 120.595 | 19.109 | 271.652 | 41275.383 | 46508.109 | 30.47 | 31.626 | 24.228 | 1.022 | 14.701 |
| 9/16/2018 20:00 | 943200 | 120.579 | 19.105 | 271.615 | 41248.133 | 46481.668 | 30.451 | 31.608 | 24.244 | 1.022 | 14.705 |
| 9/16/2018 20:15 | 944100 | 120.534 | 19.114 | 271.514 | 41273.375 | 46500.789 | 30.465 | 31.621 | 24.229 | 1.022 | 14.707 |
| 9/16/2018 20:30 | 945000 | 120.483 | 19.098 | 271.399 | 41259.73 | 46502.137 | 30.465 | 31.621 | 24.237 | 1.022 | 14.705 |
| 9/16/2018 20:45 | 945900 | 120.477 | 19.105 | 271.377 | 41228.203 | 46482.093 | 30.459 | 31.599 | 24.255 | 1.022 | 14.717 |
| 9/16/2018 21:00 | 946800 | 120.445 | 19.102 | 271.315 | 41259.766 | 46497.48 | 30.462 | 31.618 | 24.237 | 1.022 | 14.707 |
| 9/16/2018 21:15 | 947700 | 120.4 | 19.108 | 271.212 | 41267.875 | 46500.871 | 30.465 | 31.621 | 24.232 | 1.022 | 14.708 |
| 9/16/2018 21:30 | 948600 | 120.355 | 19.085 | 271.11 | 41233.895 | 46485.305 | 30.452 | 31.61 | 24.252 | 1.022 | 14.707 |
| 9/16/2018 21:45 | 949500 | 120.318 | 19.085 | 271.029 | 41238.941 | 46491.426 | 30.457 | 31.614 | 24.249 | 1.022 | 14.712 |
| 9/16/2018 22:00 | 950400 | 120.304 | 19.105 | 270.996 | 41247.074 | 46480.738 | 30.45 | 31.607 | 24.244 | 1.022 | 14.711 |
| 9/16/2018 22:15 | 951300 | 120.264 | 19.106 | 270.928 | 41258.656 | 46492.574 | 30.459 | 31.615 | 24.237 | 1.022 | 14.711 |
| 9/16/2018 22:30 | 952200 | 120.238 | 19.088 | 270.848 | 41240.203 | 46480.211 | 30.449 | 31.607 | 24.248 | 1.022 | 14.709 |
| 9/16/2018 22:45 | 953100 | 120.199 | 19.088 | 270.761 | 41259.07 | | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/18/2018 7:15 | 1070100 | 120.689 | 19.113 | 271.864 | 41253.07 | 46479.738 | 30.45 | 31.606 | 24.241 | 1.022 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 120.697 | 19.109 | 271.881 | 41250.984 | 46480.785 | 30.45 | 31.607 | 24.242 | 1.022 | 14.725 |
| 9/18/2018 7:45 | 1071900 | 120.705 | 19.114 | 271.9 | 41278.234 | 46506.703 | 30.469 | 31.625 | 24.226 | 1.022 | 14.723 |
| 9/18/2018 8:00 | 1072800 | 120.683 | 19.092 | 271.849 | 41248.75 | 46495.863 | 30.46 | 31.617 | 24.243 | 1.022 | 14.724 |
| 9/18/2018 8:15 | 1073600 | 120.684 | 19.099 | 271.852 | 41256.348 | 46496.941 | 30.462 | 31.618 | 24.239 | 1.022 | 14.726 |
| 9/18/2018 8:30 | 1074700 | 120.721 | 19.106 | 271.935 | 41245.063 | 46477.136 | 30.447 | 31.604 | 24.245 | 1.022 | 14.724 |
| 9/18/2018 8:45 | 1075500 | 120.71 | 19.11 | 271.921 | 41288.517 | 46514.887 | 30.463 | 31.63 | 24.22 | 1.022 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 120.67 | 19.116 | 271.82 | 41268.039 | 46493.215 | 30.46 | 31.615 | 24.232 | 1.022 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 120.663 | 19.117 | 271.806 | 41236.688 | 46456.758 | 30.433 | 31.591 | 24.25 | 1.022 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 120.687 | 19.105 | 271.859 | 41274.68 | 46511.324 | 30.472 | 31.628 | 24.228 | 1.022 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 120.684 | 19.106 | 271.852 | 41259.621 | 46493.922 | 30.46 | 31.616 | 24.237 | 1.022 | 14.731 |
| 9/18/2018 10:00 | 1080000 | 120.677 | 19.097 | 271.836 | 41240.004 | 46480.43 | 30.449 | 31.607 | 24.248 | 1.022 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 120.629 | 19.103 | 271.728 | 41274.73 | 46511.641 | 30.473 | 31.628 | 24.228 | 1.022 | 14.73 |
| 9/18/2018 10:30 | 1081800 | 120.661 | 19.104 | 271.801 | 41232.211 | 46464.68 | 30.438 | 31.596 | 24.253 | 1.022 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 120.636 | 19.106 | 271.744 | 41224.574 | 46453.91 | 30.431 | 31.589 | 24.257 | 1.022 | 14.726 |
| 9/18/2018 11:00 | 1083600 | 120.639 | 19.116 | 271.75 | 41256.766 | 46480.781 | 30.451 | 31.607 | 24.238 | 1.022 | 14.726 |
| 9/18/2018 11:15 | 1084500 | 120.59 | 19.105 | 271.641 | 41246.656 | 46479.922 | 30.449 | 31.606 | 24.244 | 1.022 | 14.728 |
| 9/18/2018 11:30 | 1085400 | 120.614 | 19.111 | 271.694 | 41227.5 | 46452.758 | 30.43 | 31.588 | 24.256 | 1.022 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 120.593 | 19.108 | 271.647 | 41255.546 | 46487.57 | 30.45 | 31.617 | 24.239 | 1.022 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 120.588 | 19.105 | 271.635 | 41237.461 | 46469.207 | 30.442 | 31.599 | 24.25 | 1.022 | 14.727 |
| 9/18/2018 12:15 | 1088100 | 120.595 | 19.099 | 271.653 | 41252.141 | 46491.934 | 30.458 | 31.615 | 24.241 | 1.022 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 120.592 | 19.108 | 271.646 | 41216.316 | 46442.941 | 30.423 | 31.581 | 24.262 | 1.022 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 120.576 | 19.114 | 271.61 | 41245.629 | 46469.871 | 30.443 | 31.6 | 24.245 | 1.022 | 14.723 |
| 9/18/2018 13:00 | 1090800 | 120.548 | 19.111 | 271.545 | 41202.016 | 46423.277 | 30.408 | 31.568 | 24.271 | 1.021 | 14.721 |
| 9/18/2018 13:15 | 1091700 | 120.58 | 19.103 | 271.616 | 41237.699 | 46451.589 | 30.448 | 31.604 | 24.25 | 1.022 | 14.717 |
| 9/18/2018 13:30 | 1092600 | 120.595 | 19.114 | 271.651 | 41224.539 | 46446.547 | 30.425 | 31.584 | 24.257 | 1.022 | 14.713 |
| 9/18/2018 13:45 | 1093500 | 120.608 | 19.108 | 271.681 | 41256.637 | 46488.023 | 30.456 | 31.612 | 24.239 | 1.022 | 14.716 |
| 9/18/2018 14:00 | 1094400 | 120.602 | 19.11 | 271.668 | 41203.707 | 46426.82 | 30.411 | 31.57 | 24.27 | 1.021 | 14.709 |
| 9/18/2018 14:15 | 1095300 | 120.624 | 19.101 | 271.717 | 41235.609 | 46471.906 | 30.443 | 31.601 | 24.251 | 1.022 | 14.709 |
| 9/18/2018 14:30 | 1096200 | 120.633 | 19.109 | 271.737 | 41200.563 | 46423.801 | 30.409 | 31.568 | 24.272 | 1.021 | 14.703 |
| 9/18/2018 14:45 | 1097100 | 120.634 | 19.097 | 271.795 | 41245.746 | 46486.382 | 30.454 | 31.614 | 24.245 | 1.022 | 14.704 |
| 9/18/2018 15:00 | 1098000 | 120.667 | 19.11 | 271.813 | 41183.727 | 46404.047 | 30.394 | 31.555 | 24.281 | 1.021 | 14.702 |
| 9/18/2018 15:15 | 1098900 | 120.675 | 19.116 | 271.833 | 41275.809 | 46502.309 | 30.466 | 31.622 | 24.227 | 1.022 | 14.704 |
| 9/18/2018 15:30 | 1099800 | 120.718 | 19.118 | 271.929 | 41189.609 | 46402.852 | 30.394 | 31.554 | 24.278 | 1.021 | 14.7 |
| 9/18/2018 15:45 | 1100700 | 120.73 | 19.109 | 271.956 | 41250.301 | 46479.93 | 30.45 | 31.606 | 24.242 | 1.022 | 14.704 |
| 9/18/2018 16:00 | 1101600 | 120.753 | 19.11 | 272.007 | 41225.805 | 46451.543 | 30.429 | 31.587 | 24.257 | 1.022 | 14.698 |
| 9/18/2018 16:15 | 1102500 | 120.753 | 19.103 | 272.007 | 41266.586 | 46488.348 | 30.456 | 31.612 | 24.235 | 1.022 | 14.705 |
| 9/18/2018 16:30 | 1103400 | 120.793 | 19.12 | 272.098 | 41274.027 | 46496.121 | 30.462 | 31.617 | 24.228 | 1.022 | 14.704 |
| 9/18/2018 16:45 | 1104300 | 120.816 | 19.11 | 272.149 | 41284.27 | 46517.77 | 30.477 | 31.632 | 24.222 | 1.022 | 14.701 |
| 9/18/2018 17:00 | 1105200 | 120.826 | 19.116 | 272.172 | 41249.438 | 46471.992 | 30.444 | 31.601 | 24.243 | 1.022 | 14.694 |
| 9/18/2018 17:15 | 1106100 | 120.854 | 19.121 | 272.235 | 41277 | 46498.09 | 30.463 | 31.619 | 24.227 | 1.022 | 14.695 |
| 9/18/2018 17:30 | 1107000 | 120.859 | 19.121 | 272.247 | 41246.086 | 46463.422 | 30.438 | 31.595 | 24.245 | 1.022 | 14.697 |
| 9/18/2018 17:45 | 1107900 | 120.892 | 19.122 | 272.322 | 41264.477 | 46495.559 | 30.46 | 31.616 | 24.234 | 1.022 | 14.699 |
| 9/18/2018 18:00 | 1108800 | 120.897 | 19.123 | 272.322 | 41264.477 | 46495.559 | 30.46 | 31.616 | 24.234 | 1.022 | 14.699 |
| 9/18/2018 18:15 | 1109700 | 120.9 | 19.107 | 272.34 | 41268.621 | 46502.32 | 30.466 | 31.622 | 24.231 | 1.022 | 14.692 |
| 9/18/2018 18:30 | 1110600 | 120.911 | 19.1 | 272.363 | 41259.293 | 46499.293 | 30.463 | 31.62 | 24.237 | 1.022 | 14.689 |
| 9/18/2018 18:45 | 1111500 | 120.912 | 19.115 | 272.366 | 41308.395 | 46539.551 | 30.493 | 31.647 | 24.208 | 1.022 | 14.688 |
| 9/18/2018 19:00 | 1112400 | 120.918 | 19.111 | 272.38 | 41245.938 | 46473.188 | 30.445 | 31.602 | 24.245 | 1.022 | 14.691 |
| 9/18/2018 19:15 | 1113300 | 120.987 | 19.115 | 272.309 | 41279.742 | 46507.699 | 30.47 | 31.625 | 24.225 | 1.022 | 14.684 |
| 9/18/2018 19:30 | 1114200 | 120.895 | 19.113 | 272.328 | 41281.371 | 46510.672 | 30.472 | 31.627 | 24.224 | 1.022 | 14.691 |
| 9/18/2018 19:45 | 1115100 | 120.886 | 19.12 | 272.307 | 41297.109 | 46521.699 | 30.481 | 31.635 | 24.215 | 1.022 | 14.693 |
| 9/18/2018 20:00 | 1116000 | 120.866 | 19.111 | 272.262 | 41282.227 | 46513.813 | 30.474 | 31.629 | 24.223 | 1.022 | 14.694 |
| 9/18/2018 20:15 | 1116900 | 120.847 | 19.106 | 272.22 | 41265.238 | 46499.637 | 30.464 | 31.62 | 24.233 | 1.022 | 14.694 |
| 9/18/2018 20:30 | 1117800 | 120.832 | 19.111 | 272.187 | 41247.746 | 46475.57 | 30.447 | 31.603 | 24.244 | 1.022 | 14.688 |
| 9/18/2018 20:45 | 1118700 | 120.816 | 19.116 | 272.149 | 41221.883 | 46440.949 | 30.422 | 31.58 | 24.259 | 1.021 | 14.688 |
| 9/18/2018 21:00 | 1119600 | 120.783 | 19.115 | 272.075 | 41255.094 | 46480.191 | 30.45 | 31.607 | 24.239 | 1.022 | 14.685 |
| 9/18/2018 21:15 | 1120500 | 120.718 | 19.103 | 271.93 | 41284 | 46523.922 | 30.481 | 31.636 | 24.222 | 1.022 | 14.688 |
| 9/18/2018 21:30 | 1121400 | 120.726 | 19.096 | 271.947 | 41228.168 | 46467.961 | 30.44 | 31.598 | 24.255 | 1.022 | 14.687 |
| 9/18/2018 21:45 | 1122300 | 120.682 | 19.108 | 271.847 | 41219.59 | 46446.117 | 30.425 | 31.583 | 24.26 | 1.022 | 14.688 |
| 9/18/2018 22:00 | 1123200 | 120.618 | 19.105 | 271.705 | 41247.512 | 46480.969 | 30.45 | 31.607 | 24.244 | 1.022 | 14.688 |
| 9/18/2018 22:15 | 1124100 | 120.607 | 19.101 | 271.679 | 41278.988 | 46520.621 | 30.479 | 31.634 | 24.225 | 1.022 | 14.682 |
| 9/18/2018 22:30 | 1125000 | 120.561 | 19.1 | 271.561 | 41250.1 | 46451.888 | 30.447 | 31.594 | 24.257 | 1.022 | 14.688 |
| 9/18/2018 22:45 | 1125900 | 120.532 | 19.09 | 271.509 | 41244.332 | 46492.707 | 30.458 | 31.615 | 24.246 | 1.022 | 14.684 |
| 9/18/2018 23:00 | 1126800 | 120.486 | 19.099 | 271.407 | 41241.961 | 46481.074 | 30.45 | 31.607 | 24.247 | 1.022 | 14.689 |
| 9/18/2018 23:15 | 1127700 | 120.429 | 19.09 | 271.277 | 41204.188 | 46446.945 | 30.425 | 31.584 | 24.269 | 1.022 | 14.685 |
| 9/18/2018 23:30 | 1128600 | 120.407 | 19.104 | 271.228 | 41253.52 | 46489.043 | 30.456 | 31.613 | 24.24 | 1.022 | 14.687 |
| 9/18/2018 23:45 | 1129500 | 120.37 | 19.092 | 271.145 | 41247.297 | 46493.875 | 30.459 | 31.616 | 24.244 | 1.022 | 14.692 |
| 9/19/2018 0:00 | 1130400 | 120.34 | 19.084 | 271.077 | 41239.547 | 46482.899 | 30.45 | 31.604 | 24.254 | 1.022 | 14.685 |
| 9/19/2018 0:15 | 1131300 | 120.31 | 19.07 | 271.01 | 41247.141 | 46476.027 | 30.447 | 31.604 | 24.244 | 1.022 | 14.687 |
| 9/19/2018 0:30 | 1132200 | 120.243 | 19.109 | 270.859 | 41223.004 | 46449.004 | 30.427 | 31.585 | 24.258 | 1.022 | 14.688 |
| 9/19/2018 0:45 | 1133100 | 120.24 | 19.107 | 270.853 | 41253.043 | 46484.852 | 30.453 | 31.61 | 24.241 | 1.022 | 14.689 |
| 9/19/2018 1:00 | 1134000 | 120.23 | 19.099 | 270.829 | 41243 | 46481.715 | 30.45 | 31.608 | 24.247 | 1.022 | 14.686 |
| 9/19/2018 1:15 | 1134900 | 120.199 | 19.093 | 270.76 | 41210.34 | 46451.262 | 30.428 | 31.587 | 24.266 | 1.022 | 14.689 |
| 9/19/2018 1:30 | 1135800 | 120.19 | 19.085 | 270.719 | 41215.645 | 46451.5 | 30.425 | 31.587 | 24.262 | 1.022 | 14.685 |
| 9/19/2018 1:45 | 1136700 | 120.152 | 19.086 | 270.654 | 41225.059 | 46474.824 | 30.445 | 31.603 | 24.257 | 1.022 | 14.688 |
| 9/19/2018 2:00 | 1137600 | 120.162 | 19.094 | 270.676 | 41204.535 | 46443.844 | 30.423 | 31.582 | 24.269 | 1.022 | 14.69 |
| 9/19/2018 2:15 | 1138500 | 120.158 | 19.101 | 270.667 | 41227.371 | 46462.105 | 30.436 | 31.594 | 24.256 | 1.022 | 14.692 |
| 9/19/2018 2:30 | 1139400 | 120.161 | 19.109 | 270.673 | 41214.473 | 46440.168 | 30.421 | 31.579 | 24.263 | 1.021 | 14.689 |
| 9/19/2018 2:45 | 1140300 | 120.155 | 19.099 | 270.66 | 41227.645 | 46464.594 | 30.438 | 31.596 | 24.256 | 1.022 | 14.688 |
| 9/19/2018 3:00 | 1141200 | 120.153 | 19.095 | 270.657 | 41235.551 | 46441.254 | 30.421 | 31.58 | 24.27 | 1.022 | 14.69 |
| 9/19/2018 3:15 | 1142100 | 120.161 | 19.097 | 270.674 | 41244.484 | 46462.941 | 30.437 | 31.603 | 24.257 | 1.022 | 14.686 |
| 9/19/201 | | | | | | | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/20/2018 12:00 | 1260000 | 120.504 | 19.079 | 271.448 | 41153.648 | 46401.707 | 30.391 | 31.553 | 24.299 | 1.021 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 120.472 | 19.08 | 271.375 | 41185.047 | 46436.063 | 30.416 | 31.577 | 24.281 | 1.022 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 120.467 | 19.08 | 271.363 | 41167.516 | 46415.602 | 30.401 | 31.563 | 24.291 | 1.021 | 14.669 |
| 9/20/2018 12:45 | 1262700 | 120.44 | 19.079 | 271.302 | 41154.227 | 46401.578 | 30.391 | 31.553 | 24.299 | 1.021 | 14.668 |
| 9/20/2018 12:45 | 1263600 | 120.45 | 19.082 | 271.325 | 41135.297 | 46377.973 | 30.374 | 31.537 | 24.31 | 1.021 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 120.413 | 19.087 | 271.241 | 41183.332 | 46426.555 | 30.41 | 31.57 | 24.282 | 1.021 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 120.397 | 19.083 | 271.206 | 41144.703 | 46386.84 | 30.38 | 31.543 | 24.304 | 1.021 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 120.394 | 19.075 | 271.199 | 41163.258 | 46416.367 | 30.402 | 31.563 | 24.294 | 1.021 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 120.381 | 19.087 | 271.171 | 41145.176 | 46383.375 | 30.378 | 31.541 | 24.304 | 1.021 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 120.41 | 19.085 | 271.234 | 41210.469 | 46458.809 | 30.433 | 31.592 | 24.266 | 1.022 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 120.403 | 19.091 | 271.219 | 41197.875 | 46438.859 | 30.419 | 31.578 | 24.273 | 1.022 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 120.406 | 19.084 | 271.226 | 41207.254 | 46457.02 | 30.432 | 31.591 | 24.268 | 1.022 | 14.664 |
| 9/20/2018 15:00 | 1270800 | 120.39 | 19.076 | 271.191 | 41135.012 | 46433.566 | 30.378 | 31.541 | 24.31 | 1.021 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 120.39 | 19.088 | 271.191 | 41161.492 | 46401.063 | 30.391 | 31.553 | 24.295 | 1.021 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 120.422 | 19.076 | 271.262 | 41135.242 | 46383.223 | 30.377 | 31.541 | 24.31 | 1.021 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 120.433 | 19.081 | 271.286 | 41174.926 | 46423.613 | 30.407 | 31.568 | 24.287 | 1.021 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 120.42 | 19.085 | 271.258 | 41182.82 | 46427.809 | 30.41 | 31.571 | 24.282 | 1.021 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 120.438 | 19.084 | 271.298 | 41183.473 | 46430.281 | 30.412 | 31.573 | 24.282 | 1.021 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 120.456 | 19.087 | 271.367 | 41163.863 | 46403.848 | 30.392 | 31.555 | 24.293 | 1.021 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 120.488 | 19.083 | 271.411 | 41178.133 | 46425.316 | 30.409 | 31.569 | 24.285 | 1.021 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 120.498 | 19.085 | 271.434 | 41191.168 | 46437.57 | 30.418 | 31.578 | 24.277 | 1.022 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 120.541 | 19.088 | 271.531 | 41185.48 | 46428.375 | 30.411 | 31.571 | 24.28 | 1.021 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 120.549 | 19.087 | 271.548 | 41182.063 | 46424.957 | 30.408 | 31.569 | 24.282 | 1.021 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 120.576 | 19.091 | 271.609 | 41168.367 | 46406.301 | 30.395 | 31.556 | 24.29 | 1.021 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 120.614 | 19.086 | 271.696 | 41163.918 | 46402.34 | 30.392 | 31.554 | 24.295 | 1.021 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 120.654 | 19.088 | 271.784 | 41178.414 | 46420.582 | 30.405 | 31.566 | 24.285 | 1.021 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 120.657 | 19.089 | 271.791 | 41204.59 | 46448.352 | 30.426 | 31.585 | 24.269 | 1.022 | 14.66 |
| 9/20/2018 18:45 | 1284300 | 120.707 | 19.087 | 271.904 | 41193.703 | 46437.902 | 30.418 | 31.578 | 24.276 | 1.022 | 14.661 |
| 9/20/2018 19:00 | 1285200 | 120.748 | 19.085 | 271.998 | 41217.152 | 46466.43 | 30.439 | 31.597 | 24.262 | 1.022 | 14.658 |
| 9/20/2018 19:15 | 1286100 | 120.729 | 19.086 | 271.954 | 41234.262 | 46484.766 | 30.452 | 31.61 | 24.252 | 1.022 | 14.663 |
| 9/20/2018 19:30 | 1287000 | 120.75 | 19.084 | 272.071 | 41223.016 | 46474.176 | 30.444 | 31.602 | 24.256 | 1.022 | 14.664 |
| 9/20/2018 19:45 | 1287900 | 120.774 | 19.079 | 272.056 | 41234.844 | 46492.816 | 30.458 | 31.615 | 24.251 | 1.022 | 14.658 |
| 9/20/2018 20:00 | 1288800 | 120.778 | 19.081 | 272.064 | 41199.484 | 46451.035 | 30.427 | 31.587 | 24.272 | 1.022 | 14.665 |
| 9/20/2018 20:15 | 1289700 | 120.79 | 19.083 | 272.092 | 41222.418 | 46474.801 | 30.445 | 31.603 | 24.259 | 1.022 | 14.663 |
| 9/20/2018 20:30 | 1290600 | 120.793 | 19.079 | 272.099 | 41191.676 | 46443.895 | 30.422 | 31.582 | 24.277 | 1.022 | 14.665 |
| 9/20/2018 20:45 | 1291500 | 120.787 | 19.084 | 272.083 | 41224.02 | 46475.391 | 30.445 | 31.603 | 24.258 | 1.022 | 14.667 |
| 9/20/2018 21:00 | 1292400 | 120.781 | 19.086 | 272.071 | 41210.617 | 46463.263 | 30.437 | 31.595 | 24.266 | 1.022 | 14.669 |
| 9/20/2018 21:15 | 1293300 | 120.771 | 19.085 | 272.048 | 41209.996 | 46458.621 | 30.432 | 31.592 | 24.262 | 1.022 | 14.664 |
| 9/20/2018 21:30 | 1294200 | 120.749 | 19.078 | 271.998 | 41197.531 | 46451.613 | 30.428 | 31.587 | 24.273 | 1.022 | 14.675 |
| 9/20/2018 21:45 | 1295100 | 120.728 | 19.082 | 271.951 | 41245.633 | 46501.93 | 30.464 | 31.621 | 24.245 | 1.022 | 14.675 |
| 9/20/2018 22:00 | 1296000 | 120.743 | 19.086 | 271.985 | 41207.93 | 46455.512 | 30.431 | 31.59 | 24.267 | 1.022 | 14.673 |
| 9/20/2018 22:15 | 1296900 | 120.705 | 19.086 | 271.9 | 41214.867 | 46463.242 | 30.436 | 31.595 | 24.263 | 1.022 | 14.679 |
| 9/20/2018 22:30 | 1297800 | 120.674 | 19.082 | 271.829 | 41220.461 | 46484.395 | 30.452 | 31.609 | 24.254 | 1.022 | 14.67 |
| 9/20/2018 22:45 | 1298700 | 120.627 | 19.082 | 271.679 | 41207.363 | 46458.355 | 30.427 | 31.583 | 24.268 | 1.022 | 14.668 |
| 9/20/2018 23:00 | 1299600 | 120.578 | 19.078 | 271.615 | 41225.852 | 46483.543 | 30.451 | 31.609 | 24.257 | 1.022 | 14.672 |
| 9/20/2018 23:15 | 1300500 | 120.533 | 19.075 | 271.513 | 41239.242 | 46502.141 | 30.464 | 31.621 | 24.249 | 1.022 | 14.67 |
| 9/20/2018 23:30 | 1301400 | 120.494 | 19.082 | 271.425 | 41171.363 | 46418.461 | 30.403 | 31.565 | 24.289 | 1.021 | 14.667 |
| 9/20/2018 23:45 | 1302300 | 120.452 | 19.076 | 271.331 | 41201.238 | 46457.98 | 30.432 | 31.591 | 24.271 | 1.022 | 14.674 |
| 9/21/2018 0:00 | 1303200 | 120.407 | 19.075 | 271.229 | 41184.992 | 46440.441 | 30.419 | 31.58 | 24.281 | 1.022 | 14.667 |
| 9/21/2018 0:15 | 1304100 | 120.365 | 19.071 | 271.133 | 41185.141 | 46444.699 | 30.422 | 31.582 | 24.281 | 1.022 | 14.672 |
| 9/21/2018 0:30 | 1305000 | 120.33 | 19.075 | 271.055 | 41138.184 | 46388.184 | 30.381 | 31.544 | 24.308 | 1.021 | 14.667 |
| 9/21/2018 0:45 | 1305900 | 120.279 | 19.076 | 270.94 | 41190.777 | 46446.094 | 30.423 | 31.583 | 24.277 | 1.022 | 14.663 |
| 9/21/2018 1:00 | 1306800 | 120.241 | 19.081 | 270.854 | 41192.117 | 46442.297 | 30.421 | 31.581 | 24.276 | 1.022 | 14.668 |
| 9/21/2018 1:15 | 1307700 | 120.202 | 19.08 | 270.766 | 41172.238 | 46421.621 | 30.406 | 31.567 | 24.288 | 1.022 | 14.669 |
| 9/21/2018 1:30 | 1308600 | 120.204 | 19.079 | 270.77 | 41134.48 | 46379.223 | 30.375 | 31.538 | 24.311 | 1.021 | 14.661 |
| 9/21/2018 1:45 | 1309500 | 120.138 | 19.075 | 270.622 | 41166.86 | 46419.926 | 30.404 | 31.566 | 24.292 | 1.022 | 14.665 |
| 9/21/2018 2:00 | 1310400 | 120.103 | 19.077 | 270.545 | 41135.984 | 46383.711 | 30.378 | 31.541 | 24.31 | 1.021 | 14.665 |
| 9/21/2018 2:15 | 1311300 | 120.081 | 19.07 | 270.494 | 41150.043 | 46406.523 | 30.394 | 31.556 | 24.301 | 1.022 | 14.667 |
| 9/21/2018 2:30 | 1312200 | 120.105 | 19.083 | 270.548 | 41186.965 | 46434.746 | 30.415 | 31.576 | 24.28 | 1.022 | 14.659 |
| 9/21/2018 2:45 | 1313100 | 120.044 | 19.071 | 270.411 | 41173.395 | 46431.109 | 30.412 | 31.573 | 24.288 | 1.022 | 14.662 |
| 9/21/2018 3:00 | 1314000 | 120.016 | 19.077 | 270.348 | 41167.219 | 46418.313 | 30.403 | 31.564 | 24.291 | 1.022 | 14.673 |
| 9/21/2018 3:15 | 1314900 | 120.015 | 19.075 | 270.265 | 41153.066 | 46398.703 | 30.392 | 31.552 | 24.3 | 1.021 | 14.668 |
| 9/21/2018 3:30 | 1315800 | 120.051 | 19.075 | 270.426 | 41157.906 | 46409.641 | 30.397 | 31.559 | 24.297 | 1.021 | 14.668 |
| 9/21/2018 3:45 | 1316700 | 120.043 | 19.085 | 270.408 | 41168.039 | 46411.402 | 30.398 | 31.56 | 24.291 | 1.021 | 14.669 |
| 9/21/2018 4:00 | 1317600 | 120.024 | 19.081 | 270.366 | 41136.859 | 46380.16 | 30.375 | 31.539 | 24.309 | 1.021 | 14.666 |
| 9/21/2018 4:15 | 1318500 | 120.066 | 19.079 | 270.46 | 41153.172 | 46400.297 | 30.39 | 31.552 | 24.299 | 1.021 | 14.671 |
| 9/21/2018 4:30 | 1319400 | 120.075 | 19.085 | 270.481 | 41186.234 | 46431.488 | 30.413 | 31.573 | 24.28 | 1.021 | 14.675 |
| 9/21/2018 4:45 | 1320300 | 120.071 | 19.081 | 270.471 | 41175.914 | 46423.59 | 30.407 | 31.568 | 24.286 | 1.021 | 14.678 |
| 9/21/2018 5:00 | 1321200 | 120.082 | 19.076 | 270.497 | 41164.203 | 46415.695 | 30.401 | 31.563 | 24.293 | 1.021 | 14.681 |
| 9/21/2018 5:15 | 1322100 | 120.114 | 19.081 | 270.568 | 41169.289 | 46416.723 | 30.402 | 31.563 | 24.29 | 1.021 | 14.68 |
| 9/21/2018 5:30 | 1323000 | 120.141 | 19.081 | 270.63 | 41155.734 | 46401.711 | 30.391 | 31.553 | 24.298 | 1.021 | 14.691 |
| 9/21/2018 5:45 | 1323900 | 120.176 | 19.083 | 270.708 | 41188.211 | 46436.234 | 30.417 | 31.577 | 24.279 | 1.022 | 14.684 |
| 9/21/2018 6:00 | 1324800 | 120.231 | 19.082 | 270.832 | 41172.777 | 46420.23 | 30.405 | 31.566 | 24.288 | 1.022 | 14.689 |
| 9/21/2018 6:15 | 1325700 | 120.241 | 19.076 | 270.854 | 41150.68 | 46401.234 | 30.391 | 31.553 | 24.28 | 1.021 | 14.693 |
| 9/21/2018 6:30 | 1326600 | 120.292 | 19.084 | 270.97 | 41136.043 | 46376.645 | 30.373 | 31.536 | 24.31 | 1.021 | 14.694 |
| 9/21/2018 6:45 | 1327500 | 120.317 | 19.082 | 271.026 | 41153.434 | 46398.07 | 30.389 | 31.551 | 24.299 | 1.021 | 14.696 |
| 9/21/2018 7:00 | 1328400 | 120.352 | 19.079 | 271.104 | 41165.652 | 46414.898 | 30.401 | 31.562 | 24.292 | 1.021 | 14.703 |
| 9/21/2018 7:15 | 1329300 | 120.421 | 19.082 | 271.26 | 41139.102 | 46381.82 | 30.377 | 31.54 | 24.308 | 1.021 | 14.701 |
| 9/21/2018 7:30 | 1330200 | 120.432 | 19.078 | 271.284 | 41135.004 | 46381.293 | 30.376 | 31.539 | 24.31 | 1.021 | 14.708 |
| 9/21/2018 7:45 | 1331100 | 120.457 | 19.077 | 271.342 | 41174.457 | 46405.473 | 30.409 | 31.57 | 24.287 | 1.021 | 14.709 |
| 9/21/2018 8:00 | 1332000 | 120.483 | 19.077 | 271.399 | 41165.211 | 46416.137 | 30.402 | 31.563 | 24.292 | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/22/2018 16:45 | 1449900 | 120.321 | 19.053 | 271.035 | 41104.418 | 46371.492 | 30.368 | 31.533 | 24.328 | 1.021 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 120.344 | 19.052 | 271.086 | 41101.871 | 46369.398 | 30.366 | 31.531 | 24.33 | 1.021 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 120.354 | 19.053 | 271.11 | 41098.363 | 46364.586 | 30.363 | 31.528 | 24.332 | 1.021 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 120.38 | 19.055 | 271.167 | 41080.82 | 46342.605 | 30.347 | 31.513 | 24.342 | 1.021 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 120.414 | 19.055 | 271.244 | 41108.766 | 46374.566 | 30.37 | 31.535 | 24.326 | 1.021 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 120.435 | 19.053 | 271.291 | 41103.336 | 46370.105 | 30.367 | 31.532 | 24.329 | 1.021 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 120.464 | 19.052 | 271.356 | 41111.789 | 46380.762 | 30.375 | 31.539 | 24.324 | 1.021 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 120.495 | 19.053 | 271.427 | 41135.754 | 46407.367 | 30.394 | 31.557 | 24.31 | 1.021 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 120.538 | 19.053 | 271.525 | 41151.309 | 46424.566 | 30.407 | 31.569 | 24.301 | 1.022 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 120.572 | 19.052 | 271.6 | 41087.438 | 46353.113 | 30.354 | 31.52 | 24.338 | 1.021 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 120.596 | 19.053 | 271.655 | 41158.781 | 46433.348 | 30.413 | 31.575 | 24.296 | 1.022 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 120.631 | 19.053 | 271.733 | 41133.926 | 46404.613 | 30.392 | 31.555 | 24.311 | 1.021 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 120.674 | 19.051 | 271.831 | 41149.496 | 46423.624 | 30.406 | 31.568 | 24.302 | 1.022 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 120.687 | 19.05 | 271.858 | 41132.66 | 46406.055 | 30.393 | 31.556 | 24.312 | 1.021 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 120.718 | 19.05 | 271.928 | 41140.098 | 46415.055 | 30.399 | 31.562 | 24.307 | 1.021 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 120.749 | 19.049 | 271.999 | 41177.785 | 46458.707 | 30.431 | 31.592 | 24.285 | 1.022 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 120.762 | 19.05 | 272.027 | 41164.766 | 46442.617 | 30.42 | 31.581 | 24.293 | 1.022 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 120.785 | 19.05 | 272.08 | 41168.539 | 46446.965 | 30.423 | 31.584 | 24.29 | 1.022 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 120.789 | 19.049 | 272.088 | 41146.42 | 46422.781 | 30.405 | 31.567 | 24.293 | 1.022 | 14.698 |
| 9/22/2018 21:30 | 1467000 | 120.807 | 19.049 | 272.129 | 41163.762 | 46442.531 | 30.42 | 31.581 | 24.293 | 1.022 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 120.815 | 19.048 | 272.148 | 41172.301 | 46453.398 | 30.427 | 31.588 | 24.288 | 1.022 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 120.815 | 19.047 | 272.147 | 41162.051 | 46442.434 | 30.419 | 31.581 | 24.294 | 1.022 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 120.798 | 19.046 | 272.109 | 41156.105 | 46436.68 | 30.415 | 31.577 | 24.298 | 1.022 | 14.694 |
| 9/22/2018 22:30 | 1470600 | 120.783 | 19.046 | 272.076 | 41129.07 | 46406.176 | 30.393 | 31.556 | 24.314 | 1.021 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 120.777 | 19.047 | 272.062 | 41166.926 | 46448.203 | 30.424 | 31.585 | 24.291 | 1.022 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 120.759 | 19.048 | 272.021 | 41102.496 | 46374.641 | 30.37 | 31.535 | 24.329 | 1.021 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 120.737 | 19.046 | 271.971 | 41184.328 | 46468.359 | 30.438 | 31.598 | 24.281 | 1.022 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 120.712 | 19.047 | 271.916 | 41137.836 | 46415.547 | 30.4 | 31.563 | 24.309 | 1.021 | 14.691 |
| 9/22/2018 23:45 | 1475100 | 120.672 | 19.047 | 271.825 | 41161.453 | 46441.762 | 30.419 | 31.58 | 24.295 | 1.022 | 14.694 |
| 9/23/2018 0:00 | 1476000 | 120.633 | 19.047 | 271.737 | 41117.102 | 46392.238 | 30.383 | 31.547 | 24.321 | 1.021 | 14.695 |
| 9/23/2018 0:15 | 1476900 | 120.596 | 19.047 | 271.654 | 41161.336 | 46442.668 | 30.419 | 31.581 | 24.295 | 1.021 | 14.697 |
| 9/23/2018 0:30 | 1477800 | 120.557 | 19.047 | 271.566 | 41144.891 | 46423.156 | 30.405 | 31.568 | 24.304 | 1.022 | 14.693 |
| 9/23/2018 0:45 | 1478700 | 120.502 | 19.049 | 271.444 | 41170.313 | 46449.832 | 30.425 | 31.586 | 24.289 | 1.022 | 14.698 |
| 9/23/2018 1:00 | 1479600 | 120.478 | 19.05 | 271.389 | 41083.996 | 46351.492 | 30.353 | 31.519 | 24.34 | 1.021 | 14.69 |
| 9/23/2018 1:15 | 1480500 | 120.421 | 19.05 | 271.26 | 41143.879 | 46419.664 | 30.403 | 31.565 | 24.305 | 1.022 | 14.693 |
| 9/23/2018 1:30 | 1481400 | 120.375 | 19.049 | 271.156 | 41130.188 | 46405.004 | 30.392 | 31.555 | 24.313 | 1.021 | 14.696 |
| 9/23/2018 1:45 | 1482300 | 120.347 | 19.049 | 271.083 | 41099.848 | 46381.965 | 30.375 | 31.54 | 24.325 | 1.021 | 14.686 |
| 9/23/2018 2:00 | 1483200 | 120.296 | 19.05 | 270.979 | 41136.984 | 46411.023 | 30.397 | 31.559 | 24.329 | 1.021 | 14.691 |
| 9/23/2018 2:15 | 1484100 | 120.252 | 19.052 | 270.878 | 41132.223 | 46404.164 | 30.392 | 31.555 | 24.312 | 1.021 | 14.688 |
| 9/23/2018 2:30 | 1485000 | 120.209 | 19.048 | 270.782 | 41086.82 | 46356.594 | 30.357 | 31.522 | 24.339 | 1.021 | 14.691 |
| 9/23/2018 2:45 | 1485900 | 120.185 | 19.053 | 270.729 | 41107.859 | 46375.898 | 30.371 | 31.536 | 24.326 | 1.021 | 14.694 |
| 9/23/2018 3:00 | 1486800 | 120.159 | 19.051 | 270.67 | 41076.414 | 46342.422 | 30.346 | 31.513 | 24.345 | 1.021 | 14.681 |
| 9/23/2018 3:15 | 1487700 | 120.112 | 19.051 | 270.565 | 41154.582 | 46430.703 | 30.411 | 31.573 | 24.299 | 1.022 | 14.693 |
| 9/23/2018 3:30 | 1488600 | 120.093 | 19.053 | 270.521 | 41104.438 | 46412.125 | 30.368 | 31.523 | 24.328 | 1.021 | 14.687 |
| 9/23/2018 3:45 | 1489500 | 120.074 | 19.053 | 270.479 | 41130.188 | 46400.648 | 30.389 | 31.552 | 24.313 | 1.021 | 14.682 |
| 9/23/2018 4:00 | 1490400 | 120.063 | 19.052 | 270.454 | 41085.813 | 46351.891 | 30.353 | 31.519 | 24.339 | 1.021 | 14.689 |
| 9/23/2018 4:15 | 1491300 | 120.055 | 19.052 | 270.436 | 41110.309 | 46379.176 | 30.373 | 31.538 | 24.325 | 1.021 | 14.682 |
| 9/23/2018 4:30 | 1492200 | 120.04 | 19.051 | 270.401 | 41105.863 | 46374.953 | 30.37 | 31.535 | 24.327 | 1.021 | 14.688 |
| 9/23/2018 4:45 | 1493100 | 120.059 | 19.052 | 270.444 | 41080.191 | 46345.027 | 30.348 | 31.515 | 24.343 | 1.021 | 14.679 |
| 9/23/2018 5:00 | 1494000 | 120.05 | 19.053 | 270.424 | 41141.316 | 46413.645 | 30.399 | 31.561 | 24.306 | 1.022 | 14.686 |
| 9/23/2018 5:15 | 1494900 | 120.061 | 19.054 | 270.45 | 41091.871 | 46356.387 | 30.357 | 31.522 | 24.336 | 1.021 | 14.678 |
| 9/23/2018 5:30 | 1495800 | 120.079 | 19.055 | 270.49 | 41101.246 | 46366.434 | 30.364 | 31.529 | 24.33 | 1.021 | 14.682 |
| 9/23/2018 5:45 | 1496700 | 120.094 | 19.054 | 270.523 | 41150.254 | 46422.332 | 30.405 | 31.567 | 24.301 | 1.022 | 14.682 |
| 9/23/2018 6:00 | 1497600 | 120.125 | 19.052 | 270.594 | 41073.266 | 46337.734 | 30.343 | 31.51 | 24.347 | 1.021 | 14.679 |
| 9/23/2018 6:15 | 1498500 | 120.142 | 19.051 | 270.633 | 41143.234 | 46417.551 | 30.401 | 31.564 | 24.305 | 1.021 | 14.691 |
| 9/23/2018 6:30 | 1499400 | 120.184 | 19.052 | 270.727 | 41096.52 | 46365.012 | 30.363 | 31.528 | 24.333 | 1.022 | 14.686 |
| 9/23/2018 6:45 | 1500300 | 120.219 | 19.048 | 270.806 | 41119 | 46392.902 | 30.383 | 31.547 | 24.32 | 1.021 | 14.685 |
| 9/23/2018 7:00 | 1501200 | 120.265 | 19.05 | 270.909 | 41081.848 | 46348.91 | 30.351 | 31.517 | 24.342 | 1.021 | 14.686 |
| 9/23/2018 7:15 | 1502100 | 120.3 | 19.052 | 270.988 | 41106.891 | 46375.762 | 30.371 | 31.536 | 24.327 | 1.021 | 14.681 |
| 9/23/2018 7:30 | 1503000 | 120.339 | 19.05 | 271.075 | 41091.645 | 46360.734 | 30.36 | 31.525 | 24.336 | 1.021 | 14.686 |
| 9/23/2018 7:45 | 1503900 | 120.387 | 19.048 | 271.184 | 41127.344 | 46402.934 | 30.375 | 31.554 | 24.315 | 1.021 | 14.688 |
| 9/23/2018 8:00 | 1504800 | 120.384 | 19.051 | 271.278 | 41086.16 | 46356.082 | 30.356 | 31.522 | 24.329 | 1.021 | 14.686 |
| 9/23/2018 8:15 | 1505700 | 120.466 | 19.049 | 271.361 | 41140.316 | 46416.516 | 30.4 | 31.563 | 24.307 | 1.021 | 14.7 |
| 9/23/2018 8:30 | 1506600 | 120.511 | 19.049 | 271.463 | 41104.391 | 46375.723 | 30.371 | 31.535 | 24.328 | 1.021 | 14.698 |
| 9/23/2018 8:45 | 1507500 | 120.541 | 19.046 | 271.531 | 41116.215 | 46391.855 | 30.382 | 31.546 | 24.321 | 1.021 | 14.701 |
| 9/23/2018 9:00 | 1508400 | 120.573 | 19.043 | 271.603 | 41121.051 | 46400.867 | 30.389 | 31.553 | 24.318 | 1.021 | 14.703 |
| 9/23/2018 9:15 | 1509300 | 120.601 | 19.043 | 271.666 | 41104.078 | 46381.629 | 30.375 | 31.54 | 24.328 | 1.021 | 14.708 |
| 9/23/2018 9:30 | 1510200 | 120.629 | 19.045 | 271.728 | 41104.663 | 46380.466 | 30.374 | 31.539 | 24.328 | 1.021 | 14.702 |
| 9/23/2018 9:45 | 1511100 | 120.653 | 19.046 | 271.783 | 41154.574 | 46435.563 | 30.414 | 31.576 | 24.299 | 1.022 | 14.706 |
| 9/23/2018 10:00 | 1512000 | 120.673 | 19.045 | 271.827 | 41094.602 | 46368.238 | 30.365 | 31.53 | 24.334 | 1.021 | 14.709 |
| 9/23/2018 10:15 | 1512900 | 120.694 | 19.044 | 271.875 | 41096.715 | 46371.676 | 30.368 | 31.533 | 24.333 | 1.021 | 14.712 |
| 9/23/2018 10:30 | 1513800 | 120.707 | 19.045 | 271.905 | 41077.91 | 46349.59 | 30.351 | 31.518 | 24.344 | 1.021 | 14.708 |
| 9/23/2018 10:45 | 1514700 | 120.686 | 19.045 | 271.857 | 41094.742 | 46368.582 | 30.365 | 31.531 | 24.334 | 1.021 | 14.705 |
| 9/23/2018 11:00 | 1515600 | 120.698 | 19.045 | 271.881 | 41109.711 | 46385.289 | 30.378 | 31.542 | 24.325 | 1.021 | 14.702 |
| 9/23/2018 11:15 | 1516500 | 120.704 | 19.051 | 271.898 | 41098.063 | 46366.676 | 30.364 | 31.529 | 24.332 | 1.021 | 14.7 |
| 9/23/2018 11:30 | 1517400 | 120.692 | 19.056 | 271.869 | 41088.172 | 46350.648 | 30.353 | 31.518 | 24.338 | 1.021 | 14.7 |
| 9/23/2018 11:45 | 1518300 | 120.672 | 19.056 | 271.827 | 41113.531 | 46378.473 | 30.373 | 31.537 | 24.323 | 1.021 | 14.708 |
| 9/23/2018 12:00 | 1519200 | 120.663 | 19.055 | 271.806 | 41105.801 | 46370.871 | 30.367 | 31.532 | 24.327 | 1.021 | 14.706 |
| 9/23/2018 12:15 | 1520100 | 120.657 | 19.057 | 271.792 | 41132.422 | 46398.91 | 30.388 | 31.551 | 24.312 | 1.021 | 14.696 |
| 9/23/2018 12:30 | 1521000 | 120.619 | 19.058 | 271.707 | 41117.095 | 46381.434 | 30.375 | 31.539 | 24.32 | 1.021 | 14.698 |
| 9/23/2018 12:45 | 1521900 | 120.599 | 19.056 | 271.666 | 41124.688 | 46388.734 | 30.381 | 31.544 | 24.316 | 1.02 | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/24/2018 21:30 | 1639800 | 120.789 | 19.102 | 272.089 | 41239.848 | 46474.941 | 30.446 | 31.603 | 24.248 | 1.022 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 120.781 | 19.103 | 272.072 | 41259.566 | 46496.645 | 30.462 | 31.618 | 24.237 | 1.022 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 120.831 | 19.103 | 272.183 | 41203.113 | 46432.934 | 30.415 | 31.574 | 24.227 | 1.021 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 120.84 | 19.103 | 272.204 | 41271.848 | 46510.305 | 30.472 | 31.627 | 24.23 | 1.022 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 120.853 | 19.103 | 272.232 | 41262.09 | 46499.488 | 30.464 | 31.62 | 24.235 | 1.022 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 120.87 | 19.103 | 272.273 | 41254.535 | 46491.145 | 30.458 | 31.614 | 24.24 | 1.022 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 120.873 | 19.103 | 272.278 | 41245.809 | 46481.227 | 30.45 | 31.607 | 24.243 | 1.022 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 120.839 | 19.102 | 272.202 | 41233.73 | 46468.484 | 30.441 | 31.599 | 24.252 | 1.022 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 120.871 | 19.101 | 272.274 | 41240.172 | 46476.262 | 30.447 | 31.604 | 24.248 | 1.022 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 120.864 | 19.101 | 272.258 | 41247.492 | 46484.871 | 30.453 | 31.61 | 24.244 | 1.022 | 14.681 |
| 9/25/2018 0:00 | 1648800 | 120.82 | 19.1 | 272.159 | 41272.031 | 46513.297 | 30.474 | 31.629 | 24.229 | 1.022 | 14.688 |
| 9/25/2018 0:15 | 1649700 | 120.824 | 19.099 | 272.168 | 41282.766 | 46526.266 | 30.483 | 31.638 | 24.223 | 1.022 | 14.689 |
| 9/25/2018 0:30 | 1650600 | 120.805 | 19.099 | 272.125 | 41260.797 | 46502.219 | 30.465 | 31.622 | 24.226 | 1.022 | 14.686 |
| 9/25/2018 0:45 | 1651500 | 120.773 | 19.098 | 272.052 | 41267.547 | 46510.52 | 30.471 | 31.627 | 24.232 | 1.022 | 14.686 |
| 9/25/2018 1:00 | 1652400 | 120.708 | 19.097 | 271.905 | 41223.223 | 46461.777 | 30.436 | 31.594 | 24.258 | 1.022 | 14.691 |
| 9/25/2018 1:15 | 1653300 | 120.707 | 19.097 | 271.905 | 41267.059 | 46511.184 | 30.472 | 31.628 | 24.232 | 1.022 | 14.688 |
| 9/25/2018 1:30 | 1654200 | 120.668 | 19.096 | 271.817 | 41228.148 | 46468.289 | 30.441 | 31.598 | 24.255 | 1.022 | 14.688 |
| 9/25/2018 1:45 | 1655100 | 120.632 | 19.095 | 271.736 | 41257.625 | 46502.199 | 30.465 | 31.621 | 24.238 | 1.022 | 14.69 |
| 9/25/2018 2:00 | 1656000 | 120.596 | 19.095 | 271.658 | 41229.348 | 46470.845 | 30.442 | 31.6 | 24.255 | 1.022 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 120.526 | 19.094 | 271.496 | 41219.801 | 46461.141 | 30.435 | 31.594 | 24.26 | 1.022 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 120.485 | 19.093 | 271.405 | 41203.477 | 46443.008 | 30.422 | 31.581 | 24.27 | 1.022 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 120.436 | 19.093 | 271.293 | 41239.535 | 46483.902 | 30.452 | 31.609 | 24.249 | 1.022 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 120.393 | 19.093 | 271.197 | 41193.691 | 46432.496 | 30.414 | 31.574 | 24.276 | 1.021 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 120.396 | 19.092 | 271.203 | 41216.73 | 46459.336 | 30.434 | 31.592 | 24.262 | 1.022 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 120.375 | 19.091 | 271.111 | 41185.874 | 46444.938 | 30.409 | 31.569 | 24.28 | 1.021 | 14.686 |
| 9/25/2018 3:45 | 1662300 | 120.288 | 19.091 | 270.96 | 41226.926 | 46471.699 | 30.443 | 31.601 | 24.256 | 1.022 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 120.272 | 19.091 | 270.925 | 41176.172 | 46414.656 | 30.401 | 31.562 | 24.286 | 1.021 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 120.234 | 19.091 | 270.84 | 41185.68 | 46425.203 | 30.409 | 31.569 | 24.28 | 1.021 | 14.68 |
| 9/25/2018 4:30 | 1665000 | 120.222 | 19.091 | 270.812 | 41184.285 | 46423.715 | 30.408 | 31.568 | 24.281 | 1.021 | 14.687 |
| 9/25/2018 4:45 | 1665900 | 120.197 | 19.091 | 270.755 | 41188.535 | 46428.164 | 30.411 | 31.571 | 24.279 | 1.021 | 14.685 |
| 9/25/2018 5:00 | 1666800 | 120.189 | 19.092 | 270.739 | 41273.977 | 46411.488 | 30.399 | 31.56 | 24.287 | 1.021 | 14.678 |
| 9/25/2018 5:15 | 1667700 | 120.204 | 19.092 | 270.772 | 41181.281 | 46419.379 | 30.405 | 31.565 | 24.283 | 1.021 | 14.682 |
| 9/25/2018 5:30 | 1668600 | 120.173 | 19.093 | 270.702 | 41158.59 | 46393.191 | 30.386 | 31.547 | 24.296 | 1.021 | 14.685 |
| 9/25/2018 5:45 | 1669500 | 120.214 | 19.093 | 270.793 | 41203 | 46442.379 | 30.421 | 31.581 | 24.27 | 1.022 | 14.69 |
| 9/25/2018 6:00 | 1670400 | 120.204 | 19.094 | 270.772 | 41161.781 | 46395.391 | 30.387 | 31.549 | 24.294 | 1.021 | 14.692 |
| 9/25/2018 6:15 | 1671300 | 120.212 | 19.094 | 270.789 | 41192.117 | 46429.16 | 30.412 | 31.572 | 24.276 | 1.021 | 14.691 |
| 9/25/2018 6:30 | 1672200 | 120.25 | 19.096 | 270.875 | 41203.84 | 46463.84 | 30.439 | 31.554 | 24.289 | 1.021 | 14.686 |
| 9/25/2018 6:45 | 1673100 | 120.264 | 19.096 | 270.907 | 41208.637 | 46454.949 | 30.424 | 31.583 | 24.267 | 1.022 | 14.686 |
| 9/25/2018 7:00 | 1674000 | 120.269 | 19.096 | 270.917 | 41168.434 | 46400.637 | 30.391 | 31.552 | 24.29 | 1.021 | 14.69 |
| 9/25/2018 7:15 | 1674900 | 120.298 | 19.097 | 270.982 | 41193.777 | 46428.504 | 30.412 | 31.571 | 24.276 | 1.021 | 14.69 |
| 9/25/2018 7:30 | 1675800 | 120.361 | 19.097 | 271.126 | 41153.383 | 46382.621 | 30.378 | 31.54 | 24.299 | 1.021 | 14.692 |
| 9/25/2018 7:45 | 1676700 | 120.371 | 19.098 | 271.148 | 41226.074 | 46463.512 | 30.437 | 31.595 | 24.256 | 1.022 | 14.692 |
| 9/25/2018 8:00 | 1677600 | 120.429 | 19.099 | 271.277 | 41168.945 | 46398.867 | 30.39 | 31.551 | 24.29 | 1.021 | 14.698 |
| 9/25/2018 8:15 | 1678500 | 120.473 | 19.1 | 271.378 | 41219.785 | 46451.25 | 30.419 | 31.589 | 24.26 | 1.022 | 14.7 |
| 9/25/2018 8:30 | 1679400 | 120.511 | 19.1 | 271.464 | 41187.75 | 46418.402 | 30.404 | 31.565 | 24.279 | 1.021 | 14.7 |
| 9/25/2018 8:45 | 1680300 | 120.549 | 19.101 | 271.549 | 41197.703 | 46428.758 | 30.412 | 31.572 | 24.273 | 1.021 | 14.706 |
| 9/25/2018 9:00 | 1681200 | 120.583 | 19.102 | 271.624 | 41210.348 | 46442.484 | 30.422 | 31.581 | 24.266 | 1.022 | 14.705 |
| 9/25/2018 9:15 | 1682100 | 120.633 | 19.103 | 271.737 | 41221.43 | 46453.836 | 30.443 | 31.589 | 24.259 | 1.022 | 14.701 |
| 9/25/2018 9:30 | 1683000 | 120.634 | 19.103 | 271.739 | 41190.801 | 46418.969 | 30.405 | 31.565 | 24.277 | 1.021 | 14.707 |
| 9/25/2018 9:45 | 1683900 | 120.7 | 19.104 | 271.889 | 41223.461 | 46455.09 | 30.431 | 31.589 | 24.258 | 1.022 | 14.709 |
| 9/25/2018 10:00 | 1684800 | 120.726 | 19.104 | 271.947 | 41198.191 | 46426.086 | 30.41 | 31.57 | 24.273 | 1.021 | 14.711 |
| 9/25/2018 10:15 | 1685700 | 120.749 | 19.105 | 272 | 41211.586 | 46441.004 | 30.421 | 31.58 | 24.265 | 1.022 | 14.718 |
| 9/25/2018 10:30 | 1686600 | 120.781 | 19.105 | 272.071 | 41170.758 | 46394.477 | 30.387 | 31.548 | 24.289 | 1.021 | 14.712 |
| 9/25/2018 10:45 | 1687500 | 120.803 | 19.104 | 272.121 | 41220.051 | 46450.809 | 30.428 | 31.587 | 24.26 | 1.022 | 14.71 |
| 9/25/2018 11:00 | 1688400 | 120.813 | 19.105 | 272.143 | 41191.004 | 46417.645 | 30.404 | 31.564 | 24.277 | 1.021 | 14.72 |
| 9/25/2018 11:15 | 1689300 | 120.797 | 19.104 | 272.106 | 41213.125 | 46442.828 | 30.422 | 31.581 | 24.264 | 1.022 | 14.715 |
| 9/25/2018 11:30 | 1690200 | 120.831 | 19.104 | 272.184 | 41192.336 | 46419.828 | 30.406 | 31.565 | 24.276 | 1.021 | 14.719 |
| 9/25/2018 11:45 | 1691100 | 120.826 | 19.104 | 272.172 | 41181.078 | 46406.969 | 30.396 | 31.557 | 24.283 | 1.021 | 14.716 |
| 9/25/2018 12:00 | 1692000 | 120.812 | 19.103 | 272.14 | 41196.598 | 46425.426 | 30.41 | 31.569 | 24.274 | 1.021 | 14.72 |
| 9/25/2018 12:15 | 1692900 | 120.81 | 19.103 | 272.137 | 41210.781 | 46441.484 | 30.421 | 31.58 | 24.265 | 1.022 | 14.719 |
| 9/25/2018 12:30 | 1693800 | 120.795 | 19.103 | 272.102 | 41212.895 | 46444.402 | 30.423 | 31.582 | 24.264 | 1.022 | 14.718 |
| 9/25/2018 12:45 | 1694700 | 120.772 | 19.104 | 272.052 | 41211.998 | 46445.672 | 30.422 | 31.581 | 24.262 | 1.022 | 14.719 |
| 9/25/2018 13:00 | 1695600 | 120.73 | 19.101 | 271.957 | 41188.852 | 46418.695 | 30.405 | 31.565 | 24.278 | 1.021 | 14.718 |
| 9/25/2018 13:15 | 1696500 | 120.75 | 19.101 | 272.001 | 41214.277 | 46447.867 | 30.426 | 31.585 | 24.263 | 1.022 | 14.713 |
| 9/25/2018 13:30 | 1697400 | 120.706 | 19.1 | 271.902 | 41202.707 | 46435.262 | 30.417 | 31.576 | 24.27 | 1.021 | 14.721 |
| 9/25/2018 13:45 | 1698300 | 120.673 | 19.099 | 271.829 | 41228.68 | 46465.578 | 30.439 | 31.597 | 24.255 | 1.022 | 14.72 |
| 9/25/2018 14:00 | 1699200 | 120.638 | 19.099 | 271.749 | 41192.238 | 46424.949 | 30.409 | 31.569 | 24.276 | 1.021 | 14.716 |
| 9/25/2018 14:15 | 1700100 | 120.634 | 19.099 | 271.755 | 41223.398 | 46460.266 | 30.431 | 31.593 | 24.258 | 1.022 | 14.725 |
| 9/25/2018 14:30 | 1701000 | 120.53 | 19.098 | 271.505 | 41190.652 | 46423.938 | 30.408 | 31.568 | 24.277 | 1.021 | 14.715 |
| 9/25/2018 14:45 | 1701900 | 120.498 | 19.097 | 271.433 | 41240.516 | 46480.918 | 30.45 | 31.607 | 24.248 | 1.022 | 14.709 |
| 9/25/2018 15:00 | 1702800 | 120.471 | 19.096 | 271.372 | 41177.211 | 46410.344 | 30.398 | 31.559 | 24.285 | 1.021 | 14.707 |
| 9/25/2018 15:15 | 1703700 | 120.457 | 19.096 | 271.341 | 41203.188 | 46439.715 | 30.42 | 31.579 | 24.27 | 1.022 | 14.707 |
| 9/25/2018 15:30 | 1704600 | 120.424 | 19.096 | 271.267 | 41186.074 | 46421.125 | 30.406 | 31.566 | 24.28 | 1.022 | 14.708 |
| 9/25/2018 15:45 | 1705500 | 120.359 | 19.095 | 271.17 | 41211.73 | 46450.887 | 30.427 | 31.586 | 24.267 | 1.022 | 14.72 |
| 9/25/2018 16:00 | 1706400 | 120.331 | 19.095 | 271.058 | 41189.68 | 46425.801 | 30.409 | 31.57 | 24.278 | 1.021 | 14.708 |
| 9/25/2018 16:15 | 1707300 | 120.328 | 19.095 | 271.05 | 41224.699 | 46465.09 | 30.438 | 31.596 | 24.257 | 1.022 | 14.707 |
| 9/25/2018 16:30 | 1708200 | 120.283 | 19.094 | 270.95 | 41180.07 | 46415.84 | 30.402 | 31.563 | 24.284 | 1.021 | 14.706 |
| 9/25/2018 16:45 | 1709100 | 120.296 | 19.095 | 270.979 | 41205.488 | 46444.055 | 30.423 | 31.582 | 24.269 | 1.022 | 14.701 |
| 9/25/2018 17:00 | 1710000 | 120.279 | 19.095 | 270.941 | 41183.727 | 46419.527 | 30.405 | 31.565 | 24.281 | 1.021 | 14.702 |
| 9/25/2018 17:15 | 1710900 | 120.239 | 19.095 | 270.851 | 41189.504 | 46406.039 | 30.41 | 31.57 | 24.278 | 1.021 | 14.699 |
| 9/25/2018 17:30 | 1711800 | 120.259 | 19.095 | 270.894 | 41200.02 | 46437.801 | 30.418 | 31.578 | 24.272 | 1.022 | 14.688 |
| 9/25/2018 | | | | | | | | | | | |

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|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/27/2018 2:15 | 182970 | 120.719 | 19.103 | 271.931 | 41259.922 | 46496.863 | 30.462 | 31.618 | 24.237 | 1.022 | 14.705 |
| 9/27/2018 2:30 | 183060 | 120.698 | 19.103 | 271.884 | 41235.828 | 46469.805 | 30.442 | 31.599 | 24.251 | 1.022 | 14.701 |
| 9/27/2018 2:45 | 183150 | 120.638 | 19.102 | 271.748 | 41265.973 | 46504.82 | 30.467 | 31.623 | 24.233 | 1.022 | 14.706 |
| 9/27/2018 3:00 | 183240 | 120.632 | 19.102 | 271.734 | 41250.023 | 46487.113 | 30.455 | 31.611 | 24.242 | 1.022 | 14.706 |
| 9/27/2018 3:15 | 183330 | 120.605 | 19.101 | 271.676 | 41234.469 | 46470.445 | 30.442 | 31.6 | 24.252 | 1.022 | 14.706 |
| 9/27/2018 3:30 | 183420 | 120.549 | 19.1 | 271.547 | 41245.063 | 46485.43 | 30.452 | 31.609 | 24.245 | 1.022 | 14.706 |
| 9/27/2018 3:45 | 183510 | 120.514 | 19.1 | 271.469 | 41260.254 | 46500.469 | 30.464 | 31.626 | 24.236 | 1.022 | 14.706 |
| 9/27/2018 4:00 | 183600 | 120.48 | 19.099 | 271.392 | 41245.695 | 46484.938 | 30.453 | 31.61 | 24.245 | 1.022 | 14.702 |
| 9/27/2018 4:15 | 183690 | 120.446 | 19.099 | 271.316 | 41229.824 | 46467.309 | 30.44 | 31.598 | 24.254 | 1.022 | 14.7 |
| 9/27/2018 4:30 | 183780 | 120.404 | 19.098 | 271.221 | 41216.379 | 46452.582 | 30.429 | 31.588 | 24.262 | 1.022 | 14.706 |
| 9/27/2018 4:45 | 183870 | 120.42 | 19.098 | 271.257 | 41245.66 | 46485.762 | 30.453 | 31.61 | 24.245 | 1.022 | 14.702 |
| 9/27/2018 5:00 | 183960 | 120.396 | 19.098 | 271.204 | 41222.875 | 46460.598 | 30.435 | 31.593 | 24.258 | 1.022 | 14.702 |
| 9/27/2018 5:15 | 184050 | 120.368 | 19.097 | 271.143 | 41212.631 | 46447.941 | 30.443 | 31.603 | 24.253 | 1.022 | 14.706 |
| 9/27/2018 5:30 | 184140 | 120.336 | 19.098 | 271.068 | 41205.117 | 46440.668 | 30.442 | 31.58 | 24.269 | 1.022 | 14.7 |
| 9/27/2018 5:45 | 184230 | 120.332 | 19.097 | 271.06 | 41225.957 | 46464.258 | 30.438 | 31.596 | 24.257 | 1.022 | 14.708 |
| 9/27/2018 6:00 | 184320 | 120.302 | 19.097 | 270.993 | 41207.215 | 46443.207 | 30.422 | 31.581 | 24.268 | 1.022 | 14.699 |
| 9/27/2018 6:15 | 184410 | 120.296 | 19.098 | 270.978 | 41232.051 | 46470.512 | 30.442 | 31.6 | 24.253 | 1.022 | 14.701 |
| 9/27/2018 6:30 | 184500 | 120.31 | 19.098 | 271.01 | 41210.609 | 46445.992 | 30.424 | 31.583 | 24.266 | 1.022 | 14.712 |
| 9/27/2018 6:45 | 184590 | 120.317 | 19.099 | 271.025 | 41252.703 | 46462.652 | 30.458 | 31.615 | 24.241 | 1.022 | 14.708 |
| 9/27/2018 7:00 | 184680 | 120.309 | 19.1 | 271.007 | 41212.961 | 46447.52 | 30.426 | 31.584 | 24.264 | 1.022 | 14.705 |
| 9/27/2018 7:15 | 184770 | 120.337 | 19.101 | 271.07 | 41241.996 | 46478.93 | 30.449 | 31.606 | 24.247 | 1.022 | 14.714 |
| 9/27/2018 7:30 | 184860 | 120.361 | 19.101 | 271.126 | 41209.703 | 46442.191 | 30.422 | 31.581 | 24.266 | 1.022 | 14.71 |
| 9/27/2018 7:45 | 184950 | 120.365 | 19.102 | 271.135 | 41256.984 | 46494.773 | 30.46 | 31.616 | 24.238 | 1.022 | 14.714 |
| 9/27/2018 8:00 | 185040 | 120.37 | 19.103 | 271.146 | 41230.223 | 46463.93 | 30.438 | 31.595 | 24.254 | 1.022 | 14.711 |
| 9/27/2018 8:15 | 185130 | 120.425 | 19.104 | 271.268 | 41240.91 | 46474.91 | 30.446 | 31.603 | 24.248 | 1.022 | 14.718 |
| 9/27/2018 8:30 | 185220 | 120.46 | 19.104 | 271.348 | 41239.863 | 46473.215 | 30.445 | 31.602 | 24.248 | 1.022 | 14.711 |
| 9/27/2018 8:45 | 185310 | 120.498 | 19.105 | 271.433 | 41253.262 | 46487.188 | 30.455 | 31.611 | 24.241 | 1.022 | 14.715 |
| 9/27/2018 9:00 | 185400 | 120.527 | 19.106 | 271.499 | 41244.625 | 46476.41 | 30.447 | 31.604 | 24.246 | 1.022 | 14.716 |
| 9/27/2018 9:15 | 185490 | 120.556 | 19.107 | 271.564 | 41241.598 | 46472.121 | 30.444 | 31.601 | 24.247 | 1.022 | 14.722 |
| 9/27/2018 9:30 | 185580 | 120.595 | 19.108 | 271.652 | 41233.52 | 46462.418 | 30.437 | 31.594 | 24.252 | 1.022 | 14.722 |
| 9/27/2018 9:45 | 185670 | 120.64 | 19.108 | 271.738 | 41239.859 | 46469.387 | 30.442 | 31.599 | 24.248 | 1.022 | 14.724 |
| 9/27/2018 10:00 | 185760 | 120.681 | 19.109 | 271.846 | 41238.344 | 46466.457 | 30.44 | 31.597 | 24.249 | 1.022 | 14.719 |
| 9/27/2018 10:15 | 185850 | 120.712 | 19.109 | 271.915 | 41261.441 | 46492.316 | 30.459 | 31.615 | 24.236 | 1.022 | 14.725 |
| 9/27/2018 10:30 | 185940 | 120.737 | 19.11 | 271.971 | 41244.609 | 46472.992 | 30.445 | 31.602 | 24.246 | 1.022 | 14.723 |
| 9/27/2018 10:45 | 186030 | 120.797 | 19.111 | 272.107 | 41235.984 | 46462.402 | 30.437 | 31.594 | 24.251 | 1.022 | 14.718 |
| 9/27/2018 11:00 | 186120 | 120.805 | 19.111 | 272.125 | 41223.301 | 46447.684 | 30.426 | 31.584 | 24.258 | 1.022 | 14.716 |
| 9/27/2018 11:15 | 186210 | 120.813 | 19.113 | 272.143 | 41275.73 | 46504.832 | 30.446 | 31.623 | 24.227 | 1.022 | 14.721 |
| 9/27/2018 11:30 | 186300 | 120.827 | 19.114 | 272.243 | 41247.949 | 46472.488 | 30.444 | 31.601 | 24.244 | 1.022 | 14.72 |
| 9/27/2018 11:45 | 186390 | 120.877 | 19.115 | 272.287 | 41279.18 | 46506.719 | 30.469 | 31.625 | 24.225 | 1.022 | 14.719 |
| 9/27/2018 12:00 | 186480 | 120.892 | 19.115 | 272.32 | 41282.535 | 46510.156 | 30.472 | 31.627 | 24.223 | 1.022 | 14.719 |
| 9/27/2018 12:15 | 186570 | 120.888 | 19.115 | 272.312 | 41267.906 | 46494.285 | 30.46 | 31.616 | 24.232 | 1.022 | 14.716 |
| 9/27/2018 12:30 | 186660 | 120.91 | 19.114 | 272.362 | 41243.074 | 46466.836 | 30.44 | 31.597 | 24.246 | 1.022 | 14.708 |
| 9/27/2018 12:45 | 186750 | 120.897 | 19.114 | 272.333 | 41299.758 | 46505.516 | 30.487 | 31.641 | 24.213 | 1.022 | 14.721 |
| 9/27/2018 13:00 | 186840 | 120.869 | 19.114 | 272.269 | 41245.32 | 46491.973 | 30.459 | 31.615 | 24.233 | 1.022 | 14.706 |
| 9/27/2018 13:15 | 186930 | 120.881 | 19.113 | 272.297 | 41314.133 | 46547.668 | 30.499 | 31.652 | 24.205 | 1.022 | 14.711 |
| 9/27/2018 13:30 | 187020 | 120.875 | 19.112 | 272.284 | 41252.734 | 46479.453 | 30.449 | 31.606 | 24.241 | 1.022 | 14.708 |
| 9/27/2018 13:45 | 187110 | 120.86 | 19.111 | 272.249 | 41297.461 | 46530.816 | 30.487 | 31.641 | 24.215 | 1.022 | 14.702 |
| 9/27/2018 14:00 | 187200 | 120.826 | 19.111 | 272.172 | 41270.211 | 46500.547 | 30.465 | 31.62 | 24.231 | 1.022 | 14.707 |
| 9/27/2018 14:15 | 187290 | 120.792 | 19.109 | 272.096 | 41279.695 | 46512.883 | 30.474 | 31.629 | 24.225 | 1.022 | 14.701 |
| 9/27/2018 14:30 | 187380 | 120.768 | 19.108 | 272.043 | 41269.613 | 46502.828 | 30.466 | 31.622 | 24.231 | 1.022 | 14.692 |
| 9/27/2018 14:45 | 187470 | 120.731 | 19.107 | 271.958 | 41270.125 | 46504.016 | 30.467 | 31.623 | 24.231 | 1.022 | 14.694 |
| 9/27/2018 15:00 | 187560 | 120.68 | 19.106 | 271.844 | 41252.668 | 46485.727 | 30.454 | 31.61 | 24.241 | 1.022 | 14.696 |
| 9/27/2018 15:15 | 187650 | 120.669 | 19.105 | 271.819 | 41257.441 | 46492.328 | 30.458 | 31.615 | 24.238 | 1.022 | 14.689 |
| 9/27/2018 15:30 | 187740 | 120.598 | 19.104 | 271.66 | 41223.965 | 46455.906 | 30.432 | 31.59 | 24.258 | 1.022 | 14.689 |
| 9/27/2018 15:45 | 187830 | 120.591 | 19.103 | 271.642 | 41272.301 | 46511.254 | 30.472 | 31.628 | 24.229 | 1.022 | 14.688 |
| 9/27/2018 16:00 | 187920 | 120.551 | 19.101 | 271.554 | 41247.969 | 46485.947 | 30.453 | 31.61 | 24.244 | 1.022 | 14.687 |
| 9/27/2018 16:15 | 188010 | 120.482 | 19.101 | 271.396 | 41264.418 | 46504.375 | 30.467 | 31.623 | 24.234 | 1.022 | 14.687 |
| 9/27/2018 16:30 | 188100 | 120.466 | 19.101 | 271.362 | 41210.82 | 46444.055 | 30.423 | 31.582 | 24.265 | 1.022 | 14.69 |
| 9/27/2018 16:45 | 188190 | 120.4 | 19.099 | 271.213 | 41236.422 | 46474.301 | 30.445 | 31.603 | 24.25 | 1.022 | 14.683 |
| 9/27/2018 17:00 | 188280 | 120.388 | 19.099 | 271.187 | 41225.523 | 46462.547 | 30.436 | 31.595 | 24.257 | 1.022 | 14.684 |
| 9/27/2018 17:15 | 188370 | 120.344 | 19.098 | 271.087 | 41233.125 | 46471.809 | 30.443 | 31.601 | 24.252 | 1.022 | 14.695 |
| 9/27/2018 17:30 | 188460 | 120.295 | 19.094 | 271.051 | 41233.48 | 46472.734 | 30.444 | 31.602 | 24.252 | 1.022 | 14.689 |
| 9/27/2018 17:45 | 188550 | 120.299 | 19.098 | 270.986 | 41216.426 | 46453.328 | 30.43 | 31.588 | 24.262 | 1.022 | 14.687 |
| 9/27/2018 18:00 | 188640 | 120.241 | 19.097 | 270.856 | 41209.465 | 46445.922 | 30.424 | 31.583 | 24.266 | 1.022 | 14.686 |
| 9/27/2018 18:15 | 188730 | 120.24 | 19.097 | 270.851 | 41239.965 | 46480.297 | 30.449 | 31.607 | 24.248 | 1.022 | 14.688 |
| 9/27/2018 18:30 | 188820 | 120.196 | 19.098 | 270.754 | 41203.098 | 46438.391 | 30.419 | 31.578 | 24.27 | 1.022 | 14.686 |
| 9/27/2018 18:45 | 188910 | 120.235 | 19.097 | 270.841 | 41212.848 | 46449.645 | 30.427 | 31.586 | 24.264 | 1.022 | 14.679 |
| 9/27/2018 19:00 | 189000 | 120.283 | 19.099 | 270.949 | 41208.49 | 46443.33 | 30.442 | 31.575 | 24.273 | 1.022 | 14.675 |
| 9/27/2018 19:15 | 189090 | 120.187 | 19.098 | 270.732 | 41249.223 | 46489.508 | 30.456 | 31.613 | 24.243 | 1.022 | 14.685 |
| 9/27/2018 19:30 | 189180 | 120.208 | 19.099 | 270.78 | 41235.012 | 46472.539 | 30.444 | 31.601 | 24.251 | 1.022 | 14.686 |
| 9/27/2018 19:45 | 189270 | 120.217 | 19.1 | 270.801 | 41244.43 | 46482.633 | 30.451 | 31.608 | 24.246 | 1.022 | 14.68 |
| 9/27/2018 20:00 | 189360 | 120.2 | 19.101 | 270.762 | 41211.141 | 46444.246 | 30.423 | 31.582 | 24.265 | 1.022 | 14.682 |
| 9/27/2018 20:15 | 189450 | 120.252 | 19.101 | 270.879 | 41238.191 | 46474.391 | 30.445 | 31.603 | 24.249 | 1.022 | 14.682 |
| 9/27/2018 20:30 | 189540 | 120.264 | 19.102 | 270.963 | 41231.572 | 46465.71 | 30.446 | 31.606 | 24.245 | 1.022 | 14.688 |
| 9/27/2018 20:45 | 189630 | 120.303 | 19.103 | 270.994 | 41235.938 | 46469.668 | 30.442 | 31.599 | 24.251 | 1.022 | 14.679 |
| 9/27/2018 21:00 | 189720 | 120.292 | 19.104 | 270.97 | 41209.449 | 46439.113 | 30.42 | 31.579 | 24.266 | 1.021 | 14.681 |
| 9/27/2018 21:15 | 189810 | 120.348 | 19.105 | 271.095 | 41238.93 | 46471.039 | 30.443 | 31.6 | 24.249 | 1.022 | 14.677 |
| 9/27/2018 21:30 | 189900 | 120.376 | 19.106 | 271.158 | 41242.969 | 46474.543 | 30.446 | 31.603 | 24.247 | 1.022 | 14.679 |
| 9/27/2018 21:45 | 189990 | 120.41 | 19.108 | 271.235 | 41257.805 | 46489.781 | 30.457 | 31.613 | 24.238 | 1.022 | 14.68 |
| 9/27/2018 22:00 | 190080 | 120.445 | 19.109 | 271.314 | 41240.966 | 46469.445 | 30.442 | 31.599 | 24.248 | 1.022 | 14.682 |
| 9/27/2018 22:15 | 190170 | 120.48 | 19.11 | 271.392 | 41246.375 | 46474.293 | 30.446 | 31.603 | 24.245 | 1.022 | 14.679 |
| 9/27/2018 22:30 | 190260 | 120.51 | 19.113 | 271.461 | | | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/29/2018 7:00 | 2019600 | 120.489 | 19.151 | 271.414 | 41340.141 | 46539.758 | 30.495 | 31.647 | 24.19 | 1.022 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 120.484 | 19.154 | 271.402 | 41336.684 | 46532.379 | 30.49 | 31.642 | 24.192 | 1.022 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 120.476 | 19.151 | 271.383 | 41341.289 | 46541.051 | 30.496 | 31.648 | 24.189 | 1.022 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 120.482 | 19.152 | 271.397 | 41339.156 | 46536.715 | 30.493 | 31.645 | 24.19 | 1.022 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 120.482 | 19.152 | 271.397 | 41349.027 | 46548.363 | 30.502 | 31.653 | 24.184 | 1.022 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 120.496 | 19.151 | 271.43 | 41326.84 | 46524.785 | 30.484 | 31.637 | 24.197 | 1.022 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 120.507 | 19.155 | 271.455 | 41335.045 | 46533.898 | 30.491 | 31.643 | 24.192 | 1.022 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 120.522 | 19.153 | 271.487 | 41329.102 | 46524.625 | 30.484 | 31.637 | 24.196 | 1.022 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 120.533 | 19.159 | 271.512 | 41329.426 | 46519.688 | 30.481 | 31.633 | 24.196 | 1.022 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 120.56 | 19.157 | 271.572 | 41337.203 | 46530.176 | 30.489 | 31.641 | 24.191 | 1.022 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 120.581 | 19.158 | 271.621 | 41321.559 | 46511.871 | 30.475 | 31.628 | 24.2 | 1.022 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 120.606 | 19.155 | 271.676 | 41348.941 | 46545.305 | 30.5 | 31.651 | 24.184 | 1.022 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 120.643 | 19.156 | 271.761 | 41316.895 | 46508.527 | 30.473 | 31.626 | 24.203 | 1.022 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 120.674 | 19.157 | 271.83 | 41310.277 | 46499.523 | 30.466 | 31.62 | 24.207 | 1.022 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 120.706 | 19.157 | 271.902 | 41342.555 | 46536.113 | 30.493 | 31.645 | 24.188 | 1.022 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 120.735 | 19.157 | 271.967 | 41362.555 | 46558.367 | 30.509 | 31.666 | 24.176 | 1.022 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 120.771 | 19.163 | 272.048 | 41343.855 | 46531.742 | 30.49 | 31.642 | 24.187 | 1.022 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 120.798 | 19.16 | 272.109 | 41341.047 | 46531.281 | 30.49 | 31.641 | 24.189 | 1.022 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 120.826 | 19.16 | 272.171 | 41345.664 | 46535.391 | 30.493 | 31.645 | 24.186 | 1.022 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 120.867 | 19.157 | 272.265 | 41345.047 | 46539.18 | 30.495 | 31.647 | 24.187 | 1.022 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 120.894 | 19.158 | 272.326 | 41307.855 | 46496.012 | 30.464 | 31.617 | 24.208 | 1.022 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 120.906 | 19.158 | 272.352 | 41336.563 | 46528.582 | 30.487 | 31.639 | 24.192 | 1.022 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 120.938 | 19.156 | 272.425 | 41309.305 | 46499.289 | 30.466 | 31.62 | 24.208 | 1.022 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 120.95 | 19.16 | 272.452 | 41333.973 | 46523.234 | 30.484 | 31.636 | 24.193 | 1.022 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 120.974 | 19.156 | 272.505 | 41327.707 | 46518.535 | 30.479 | 31.631 | 24.197 | 1.022 | 14.69 |
| 9/29/2018 13:15 | 2042100 | 120.99 | 19.156 | 272.541 | 41347.543 | 46542.418 | 30.497 | 31.649 | 24.185 | 1.022 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 121.004 | 19.153 | 272.572 | 41311.188 | 46504.281 | 30.47 | 31.623 | 24.207 | 1.022 | 14.686 |
| 9/29/2018 13:45 | 2043900 | 121.009 | 19.156 | 272.561 | 41367.395 | 46565.031 | 30.514 | 31.664 | 24.174 | 1.022 | 14.69 |
| 9/29/2018 14:00 | 2044800 | 121.007 | 19.153 | 272.558 | 41344.176 | 46541.414 | 30.497 | 31.648 | 24.187 | 1.022 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 120.988 | 19.152 | 272.538 | 41331.523 | 46529 | 30.487 | 31.64 | 24.195 | 1.022 | 14.686 |
| 9/29/2018 14:30 | 2046600 | 120.998 | 19.15 | 272.559 | 41329.973 | 46528.918 | 30.487 | 31.64 | 24.196 | 1.022 | 14.684 |
| 9/29/2018 14:45 | 2047500 | 120.983 | 19.147 | 272.526 | 41354.852 | 46560.238 | 30.51 | 31.661 | 24.181 | 1.022 | 14.686 |
| 9/29/2018 15:00 | 2048400 | 120.974 | 19.151 | 272.506 | 41362.129 | 46563.984 | 30.513 | 31.664 | 24.177 | 1.022 | 14.681 |
| 9/29/2018 15:15 | 2049300 | 120.937 | 19.152 | 272.423 | 41348.336 | 46547.234 | 30.501 | 31.652 | 24.185 | 1.022 | 14.687 |
| 9/29/2018 15:30 | 2050200 | 120.924 | 19.148 | 272.393 | 41345.316 | 46548.027 | 30.501 | 31.653 | 24.187 | 1.022 | 14.683 |
| 9/29/2018 15:45 | 2051100 | 120.896 | 19.146 | 272.329 | 41328.348 | 46531.09 | 30.489 | 31.641 | 24.196 | 1.022 | 14.68 |
| 9/29/2018 16:00 | 2052000 | 120.845 | 19.147 | 272.345 | 41313.324 | 46513.891 | 30.476 | 31.629 | 24.205 | 1.022 | 14.684 |
| 9/29/2018 16:15 | 2052900 | 120.825 | 19.153 | 272.193 | 41333.008 | 46529.637 | 30.488 | 31.64 | 24.194 | 1.022 | 14.676 |
| 9/29/2018 16:30 | 2053800 | 120.79 | 19.15 | 272.092 | 41301.688 | 46496.813 | 30.464 | 31.618 | 24.212 | 1.022 | 14.679 |
| 9/29/2018 16:45 | 2054700 | 120.747 | 19.145 | 271.994 | 41322.613 | 46525.156 | 30.484 | 31.637 | 24.2 | 1.022 | 14.686 |
| 9/29/2018 17:00 | 2055600 | 120.712 | 19.146 | 271.915 | 41303.039 | 46502.336 | 30.468 | 31.622 | 24.211 | 1.022 | 14.677 |
| 9/29/2018 17:15 | 2056500 | 120.67 | 19.15 | 271.82 | 41340.348 | 46540.684 | 30.496 | 31.648 | 24.189 | 1.022 | 14.678 |
| 9/29/2018 17:30 | 2057400 | 120.633 | 19.15 | 271.738 | 41298.105 | 46493.043 | 30.461 | 31.615 | 24.214 | 1.022 | 14.675 |
| 9/29/2018 17:45 | 2058300 | 120.61 | 19.149 | 271.665 | 41311.055 | 46530.918 | 30.489 | 31.641 | 24.189 | 1.022 | 14.685 |
| 9/29/2018 18:00 | 2059200 | 120.557 | 19.148 | 271.566 | 41329.727 | 46530.375 | 30.488 | 31.641 | 24.196 | 1.022 | 14.677 |
| 9/29/2018 18:15 | 2060100 | 120.527 | 19.148 | 271.499 | 41318.629 | 46518.594 | 30.48 | 31.633 | 24.202 | 1.022 | 14.671 |
| 9/29/2018 18:30 | 2061000 | 120.485 | 19.147 | 271.405 | 41327.902 | 46529.543 | 30.488 | 31.64 | 24.197 | 1.022 | 14.673 |
| 9/29/2018 18:45 | 2061900 | 120.457 | 19.147 | 271.341 | 41332.238 | 46534.074 | 30.491 | 31.643 | 24.194 | 1.022 | 14.675 |
| 9/29/2018 19:00 | 2062800 | 120.399 | 19.15 | 271.211 | 41297.621 | 46482.316 | 30.461 | 31.615 | 24.214 | 1.022 | 14.678 |
| 9/29/2018 19:15 | 2063700 | 120.38 | 19.149 | 271.167 | 41315.34 | 46513.75 | 30.476 | 31.629 | 24.204 | 1.022 | 14.671 |
| 9/29/2018 19:30 | 2064600 | 120.351 | 19.152 | 271.103 | 41329.125 | 46525.426 | 30.485 | 31.637 | 24.196 | 1.022 | 14.677 |
| 9/29/2018 19:45 | 2065500 | 120.329 | 19.155 | 271.052 | 41336.762 | 46531.855 | 30.49 | 31.642 | 24.192 | 1.022 | 14.674 |
| 9/29/2018 20:00 | 2066400 | 120.307 | 19.152 | 271.004 | 41345.996 | 46544.418 | 30.499 | 31.65 | 24.186 | 1.022 | 14.679 |
| 9/29/2018 20:15 | 2067300 | 120.288 | 19.155 | 270.961 | 41322.715 | 46515.957 | 30.478 | 31.631 | 24.2 | 1.022 | 14.681 |
| 9/29/2018 20:30 | 2068200 | 120.278 | 19.152 | 270.939 | 41333.203 | 46530.109 | 30.488 | 31.64 | 24.194 | 1.022 | 14.683 |
| 9/29/2018 20:45 | 2069100 | 120.272 | 19.153 | 270.924 | 41358.441 | 46557.832 | 30.509 | 31.659 | 24.179 | 1.022 | 14.68 |
| 9/29/2018 21:00 | 2070000 | 120.257 | 19.153 | 270.879 | 41333.594 | 46529.953 | 30.488 | 31.64 | 24.193 | 1.022 | 14.684 |
| 9/29/2018 21:15 | 2070900 | 120.261 | 19.154 | 270.899 | 41335.453 | 46531.082 | 30.489 | 31.641 | 24.192 | 1.022 | 14.685 |
| 9/29/2018 21:30 | 2071800 | 120.269 | 19.153 | 270.917 | 41306.168 | 46498.629 | 30.465 | 31.619 | 24.209 | 1.022 | 14.683 |
| 9/29/2018 21:45 | 2072700 | 120.277 | 19.154 | 270.936 | 41351.516 | 46548.723 | 30.502 | 31.653 | 24.183 | 1.022 | 14.685 |
| 9/29/2018 22:00 | 2073600 | 120.284 | 19.155 | 270.952 | 41333.82 | 46528.191 | 30.487 | 31.639 | 24.193 | 1.022 | 14.686 |
| 9/29/2018 22:15 | 2074500 | 120.298 | 19.155 | 271.005 | 41334.648 | 46538.605 | 30.487 | 31.639 | 24.193 | 1.022 | 14.685 |
| 9/29/2018 22:30 | 2075400 | 120.321 | 19.157 | 271.035 | 41327.879 | 46519.246 | 30.481 | 31.633 | 24.197 | 1.022 | 14.685 |
| 9/29/2018 22:45 | 2076300 | 120.337 | 19.157 | 271.071 | 41346.863 | 46541.141 | 30.497 | 31.648 | 24.186 | 1.022 | 14.687 |
| 9/29/2018 23:00 | 2077200 | 120.358 | 19.161 | 271.118 | 41330.043 | 46518.117 | 30.48 | 31.632 | 24.195 | 1.022 | 14.685 |
| 9/29/2018 23:15 | 2078100 | 120.393 | 19.162 | 271.196 | 41352.586 | 46541.918 | 30.497 | 31.649 | 24.182 | 1.022 | 14.684 |
| 9/29/2018 23:30 | 2079000 | 120.424 | 19.162 | 271.267 | 41317.539 | 46502.555 | 30.469 | 31.622 | 24.203 | 1.022 | 14.691 |
| 9/29/2018 23:45 | 2079900 | 120.453 | 19.165 | 271.324 | 41345.766 | 46533.98 | 30.493 | 31.646 | 24.186 | 1.022 | 14.689 |
| 9/30/2018 0:00 | 2080800 | 120.453 | 19.165 | 271.324 | 41318.57 | 46501.023 | 30.468 | 31.621 | 24.202 | 1.022 | 14.68 |
| 9/30/2018 0:15 | 2081700 | 120.497 | 19.164 | 271.432 | 41335.324 | 46521.184 | 30.482 | 31.634 | 24.192 | 1.022 | 14.694 |
| 9/30/2018 0:30 | 2082600 | 120.523 | 19.164 | 271.491 | 41352.586 | 46540.262 | 30.496 | 31.647 | 24.182 | 1.022 | 14.689 |
| 9/30/2018 0:45 | 2083500 | 120.55 | 19.163 | 271.55 | 41347.23 | 46535.027 | 30.492 | 31.644 | 24.185 | 1.022 | 14.692 |
| 9/30/2018 1:00 | 2084400 | 120.59 | 19.161 | 271.64 | 41327.758 | 46515.277 | 30.478 | 31.63 | 24.197 | 1.022 | 14.692 |
| 9/30/2018 1:15 | 2085300 | 120.606 | 19.163 | 271.695 | 41330.985 | 46516.684 | 30.479 | 31.631 | 24.195 | 1.022 | 14.7 |
| 9/30/2018 1:30 | 2086200 | 120.627 | 19.163 | 271.725 | 41338.195 | 46524.859 | 30.485 | 31.637 | 24.191 | 1.022 | 14.697 |
| 9/30/2018 1:45 | 2087100 | 120.663 | 19.16 | 271.806 | 41332.551 | 46521.895 | 30.483 | 31.635 | 24.194 | 1.022 | 14.691 |
| 9/30/2018 2:00 | 2088000 | 120.694 | 19.158 | 271.876 | 41319.219 | 46509.156 | 30.473 | 31.626 | 24.202 | 1.022 | 14.686 |
| 9/30/2018 2:15 | 2088900 | 120.698 | 19.161 | 271.884 | 41332.746 | 46521.16 | 30.482 | 31.634 | 24.194 | 1.022 | 14.695 |
| 9/30/2018 2:30 | 2089800 | 120.716 | 19.16 | 271.926 | 41326.531 | 46515.285 | 30.478 | 31.63 | 24.198 | 1.022 | 14.694 |
| 9/30/2018 2:45 | 2090700 | 120.728 | 19.158 | 271.951 | 41370.797 | 46566.773 | 30.515 | 31.665 | 24.172 | 1.022 | 14.692 |
| 9/30/2018 3:00 | 2091600 | 120.745 | 19.158 | 271.989 | 41351.216 | 46544.492 | 30.499 | 31.655 | 24.18 | | |

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|-----------------|--------|--------|-------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 10/1/2018 11:45 | 220950 | 120872 | 19153 | 272.276 | 41362.16 | 46561.84 | 30.512 | 31.662 | 24.177 | 1.022 | 14.672 |
| 10/1/2018 12:00 | 221040 | 120890 | 19157 | 272.317 | 41339.25 | 46532.738 | 30.49 | 31.642 | 24.19 | 1.022 | 14.667 |
| 10/1/2018 12:15 | 221130 | 120916 | 19155 | 272.375 | 41343.613 | 46539.656 | 30.495 | 31.647 | 24.188 | 1.022 | 14.665 |
| 10/1/2018 12:30 | 221220 | 120933 | 19154 | 272.414 | 41272.402 | 46459.582 | 30.437 | 31.593 | 24.229 | 1.022 | 14.662 |
| 10/1/2018 12:45 | 221310 | 120967 | 19156 | 272.491 | 41345.211 | 46536.051 | 30.493 | 31.645 | 24.187 | 1.022 | 14.658 |
| 10/1/2018 13:00 | 221400 | 120997 | 19158 | 272.557 | 41305.789 | 46493.512 | 30.462 | 31.616 | 24.21 | 1.022 | 14.657 |
| 10/1/2018 13:15 | 221490 | 121023 | 19156 | 272.615 | 41344.227 | 46514.227 | 30.499 | 31.65 | 24.184 | 1.022 | 14.655 |
| 10/1/2018 13:30 | 221580 | 121041 | 19156 | 272.656 | 41306.063 | 46496.426 | 30.464 | 31.618 | 24.21 | 1.022 | 14.655 |
| 10/1/2018 13:45 | 221670 | 121064 | 19158 | 272.709 | 41341.758 | 46534.43 | 30.492 | 31.643 | 24.189 | 1.022 | 14.652 |
| 10/1/2018 14:00 | 221760 | 121082 | 19159 | 272.749 | 41317.363 | 46505.754 | 30.471 | 31.624 | 24.203 | 1.022 | 14.649 |
| 10/1/2018 14:15 | 221850 | 121098 | 1916 | 272.784 | 41335.977 | 46525.23 | 30.485 | 31.637 | 24.192 | 1.022 | 14.646 |
| 10/1/2018 14:30 | 221940 | 121127 | 19158 | 272.85 | 41357.492 | 46581.625 | 30.504 | 31.655 | 24.179 | 1.022 | 14.644 |
| 10/1/2018 14:45 | 222030 | 121146 | 19158 | 272.916 | 41355.871 | 46539.027 | 30.488 | 31.64 | 24.193 | 1.022 | 14.643 |
| 10/1/2018 15:00 | 222120 | 121164 | 19155 | 272.881 | 41330.012 | 46523.637 | 30.484 | 31.636 | 24.195 | 1.022 | 14.644 |
| 10/1/2018 15:15 | 222210 | 121147 | 19152 | 272.896 | 41339.359 | 46537.395 | 30.494 | 31.645 | 24.19 | 1.022 | 14.644 |
| 10/1/2018 15:30 | 222300 | 121169 | 19155 | 272.944 | 41337.031 | 46532.074 | 30.49 | 31.642 | 24.191 | 1.022 | 14.642 |
| 10/1/2018 15:45 | 222390 | 121162 | 19158 | 272.929 | 41353.066 | 46546.727 | 30.501 | 31.652 | 24.182 | 1.022 | 14.639 |
| 10/1/2018 16:00 | 222480 | 121161 | 19153 | 272.927 | 41349.957 | 46548.715 | 30.502 | 31.653 | 24.184 | 1.022 | 14.638 |
| 10/1/2018 16:15 | 222570 | 121152 | 19152 | 272.906 | 41356.976 | 46556.797 | 30.506 | 31.659 | 24.18 | 1.022 | 14.64 |
| 10/1/2018 16:30 | 222660 | 121143 | 19152 | 272.887 | 41364.164 | 46565.84 | 30.514 | 31.665 | 24.176 | 1.022 | 14.637 |
| 10/1/2018 16:45 | 222750 | 121135 | 19153 | 272.869 | 41354.359 | 46553.145 | 30.505 | 31.656 | 24.181 | 1.022 | 14.638 |
| 10/1/2018 17:00 | 222840 | 121115 | 19152 | 272.823 | 41352.633 | 46552.766 | 30.505 | 31.656 | 24.182 | 1.022 | 14.64 |
| 10/1/2018 17:15 | 222930 | 121099 | 19149 | 272.787 | 41395.859 | 46604.48 | 30.542 | 31.691 | 24.157 | 1.022 | 14.632 |
| 10/1/2018 17:30 | 223020 | 121067 | 19147 | 272.715 | 41356.895 | 46562.102 | 30.511 | 31.662 | 24.18 | 1.022 | 14.635 |
| 10/1/2018 17:45 | 223110 | 121041 | 19146 | 272.657 | 41350.656 | 46558.379 | 30.507 | 31.658 | 24.183 | 1.022 | 14.641 |
| 10/1/2018 18:00 | 223200 | 121024 | 19144 | 272.619 | 41364.059 | 46573.215 | 30.519 | 31.67 | 24.176 | 1.022 | 14.639 |
| 10/1/2018 18:15 | 223290 | 120977 | 19151 | 272.512 | 41321.922 | 46519.063 | 30.48 | 31.633 | 24.2 | 1.022 | 14.639 |
| 10/1/2018 18:30 | 223380 | 120949 | 19147 | 272.449 | 41363.273 | 46569.285 | 30.517 | 31.667 | 24.176 | 1.022 | 14.636 |
| 10/1/2018 18:45 | 223470 | 12092 | 19153 | 272.383 | 41337.875 | 46535.113 | 30.492 | 31.644 | 24.191 | 1.022 | 14.63 |
| 10/1/2018 19:00 | 223560 | 120874 | 19149 | 272.28 | 41341.113 | 46541.973 | 30.497 | 31.649 | 24.189 | 1.022 | 14.634 |
| 10/1/2018 19:15 | 223650 | 120832 | 19149 | 272.185 | 41359.873 | 46563.127 | 30.512 | 31.663 | 24.178 | 1.022 | 14.632 |
| 10/1/2018 19:30 | 223740 | 12079 | 19149 | 272.09 | 41359.316 | 46563.078 | 30.512 | 31.663 | 24.178 | 1.022 | 14.632 |
| 10/1/2018 19:45 | 223830 | 120766 | 19152 | 272.038 | 41393.25 | 46598.406 | 30.538 | 31.687 | 24.159 | 1.022 | 14.624 |
| 10/1/2018 20:00 | 223920 | 120714 | 19156 | 271.919 | 41329.492 | 46522.801 | 30.483 | 31.636 | 24.196 | 1.022 | 14.63 |
| 10/1/2018 20:15 | 224010 | 120683 | 19151 | 271.851 | 41388.02 | 46593.129 | 30.534 | 31.683 | 24.162 | 1.022 | 14.628 |
| 10/1/2018 20:30 | 224100 | 120653 | 19153 | 271.782 | 41341.148 | 46538.715 | 30.495 | 31.646 | 24.189 | 1.022 | 14.626 |
| 10/1/2018 20:45 | 224190 | 120627 | 19156 | 271.667 | 41374.203 | 46572.466 | 30.549 | 31.699 | 24.17 | 1.022 | 14.632 |
| 10/1/2018 21:00 | 224280 | 12056 | 19153 | 271.574 | 41324.621 | 46520.277 | 30.481 | 31.624 | 24.199 | 1.022 | 14.631 |
| 10/1/2018 21:15 | 224370 | 120534 | 19153 | 271.515 | 41313.934 | 46508.164 | 30.472 | 31.626 | 24.205 | 1.022 | 14.641 |
| 10/1/2018 21:30 | 224460 | 120507 | 19155 | 271.454 | 41339.438 | 46534.172 | 30.491 | 31.643 | 24.19 | 1.022 | 14.629 |
| 10/1/2018 21:45 | 224550 | 120478 | 19154 | 271.388 | 41342.285 | 46538.949 | 30.495 | 31.646 | 24.188 | 1.022 | 14.63 |
| 10/1/2018 22:00 | 224640 | 120464 | 19157 | 271.356 | 41348.859 | 46543.555 | 30.498 | 31.65 | 24.184 | 1.022 | 14.639 |
| 10/1/2018 22:15 | 224730 | 120423 | 19153 | 271.265 | 41322.51 | 46517.758 | 30.479 | 31.632 | 24.2 | 1.022 | 14.641 |
| 10/1/2018 22:30 | 224820 | 120377 | 19152 | 271.228 | 41309.938 | 46503.898 | 30.469 | 31.622 | 24.207 | 1.022 | 14.637 |
| 10/1/2018 22:45 | 224910 | 120396 | 19156 | 271.204 | 41329.285 | 46522.301 | 30.483 | 31.635 | 24.196 | 1.022 | 14.635 |
| 10/1/2018 23:00 | 225000 | 120399 | 19159 | 271.211 | 41306.43 | 46493.539 | 30.462 | 31.616 | 24.209 | 1.022 | 14.633 |
| 10/1/2018 23:15 | 225090 | 120381 | 19157 | 271.17 | 41347.961 | 46542.031 | 30.497 | 31.649 | 24.185 | 1.022 | 14.635 |
| 10/1/2018 23:30 | 225180 | 120375 | 19156 | 271.157 | 41343.773 | 46538.699 | 30.495 | 31.646 | 24.187 | 1.022 | 14.64 |
| 10/1/2018 23:45 | 225270 | 12039 | 19154 | 271.19 | 41334.613 | 46529.953 | 30.488 | 31.64 | 24.193 | 1.022 | 14.635 |
| 10/2/2018 0:00 | 225360 | 120383 | 19154 | 271.176 | 41325.395 | 46519.418 | 30.481 | 31.633 | 24.198 | 1.022 | 14.641 |
| 10/2/2018 0:15 | 225450 | 120399 | 19157 | 271.211 | 41311.77 | 46501.293 | 30.468 | 31.621 | 24.206 | 1.022 | 14.639 |
| 10/2/2018 0:30 | 225540 | 120408 | 1916 | 271.232 | 41345.703 | 46536.605 | 30.493 | 31.645 | 24.186 | 1.022 | 14.64 |
| 10/2/2018 0:45 | 225630 | 120427 | 19162 | 271.273 | 41343.164 | 46532.184 | 30.49 | 31.642 | 24.188 | 1.022 | 14.636 |
| 10/2/2018 1:00 | 225720 | 120443 | 19162 | 271.311 | 41318.617 | 46504.207 | 30.47 | 31.623 | 24.202 | 1.022 | 14.638 |
| 10/2/2018 1:15 | 225810 | 120457 | 19163 | 271.342 | 41338.719 | 46525.266 | 30.485 | 31.637 | 24.19 | 1.022 | 14.639 |
| 10/2/2018 1:30 | 225900 | 120405 | 19156 | 271.449 | 41353.598 | 46539.922 | 30.496 | 31.647 | 24.182 | 1.022 | 14.632 |
| 10/2/2018 1:45 | 225990 | 120534 | 19165 | 271.515 | 41375.438 | 46564.582 | 30.514 | 31.664 | 24.169 | 1.022 | 14.629 |
| 10/2/2018 2:00 | 226080 | 120547 | 19164 | 271.544 | 41355.961 | 46543.621 | 30.499 | 31.65 | 24.18 | 1.022 | 14.635 |
| 10/2/2018 2:15 | 226170 | 120584 | 19163 | 271.628 | 41353.18 | 46541.633 | 30.497 | 31.648 | 24.182 | 1.022 | 14.632 |
| 10/2/2018 2:30 | 226260 | 120618 | 19165 | 271.704 | 41330.059 | 46514.039 | 30.477 | 31.63 | 24.195 | 1.022 | 14.633 |
| 10/2/2018 2:45 | 226350 | 120651 | 19162 | 271.779 | 41353.84 | 46544.023 | 30.499 | 31.65 | 24.182 | 1.022 | 14.63 |
| 10/2/2018 3:00 | 226440 | 120672 | 19162 | 271.824 | 41314.656 | 46503.266 | 30.469 | 31.623 | 24.208 | 1.022 | 14.632 |
| 10/2/2018 3:15 | 226530 | 120714 | 19161 | 271.919 | 41348.941 | 46539.473 | 30.496 | 31.647 | 24.184 | 1.022 | 14.633 |
| 10/2/2018 3:30 | 226620 | 120736 | 19161 | 271.969 | 41336.598 | 46525.664 | 30.485 | 31.637 | 24.192 | 1.022 | 14.632 |
| 10/2/2018 3:45 | 226710 | 120762 | 19159 | 272.028 | 41339.336 | 46530.141 | 30.489 | 31.64 | 24.19 | 1.022 | 14.633 |
| 10/2/2018 4:00 | 226800 | 120797 | 19161 | 272.107 | 41367.215 | 46560.207 | 30.511 | 31.661 | 24.174 | 1.022 | 14.628 |
| 10/2/2018 4:15 | 226890 | 120827 | 19163 | 272.174 | 41384.289 | 46577.078 | 30.523 | 31.672 | 24.164 | 1.022 | 14.616 |
| 10/2/2018 4:30 | 226980 | 120852 | 19165 | 272.241 | 41333.613 | 46558.127 | 30.48 | 31.643 | 24.193 | 1.022 | 14.616 |
| 10/2/2018 4:45 | 227070 | 120866 | 19165 | 272.262 | 41347.313 | 46533.281 | 30.491 | 31.643 | 24.185 | 1.022 | 14.623 |
| 10/2/2018 5:00 | 227160 | 120898 | 19163 | 272.335 | 41333.449 | 46519.945 | 30.481 | 31.634 | 24.193 | 1.022 | 14.623 |
| 10/2/2018 5:15 | 227250 | 120911 | 19163 | 272.365 | 41337.07 | 46524.105 | 30.484 | 31.636 | 24.191 | 1.022 | 14.629 |
| 10/2/2018 5:30 | 227340 | 120922 | 19164 | 272.389 | 41329.449 | 46514.055 | 30.477 | 31.63 | 24.196 | 1.022 | 14.627 |
| 10/2/2018 5:45 | 227430 | 120934 | 19163 | 272.417 | 41378.133 | 46569.809 | 30.518 | 31.667 | 24.167 | 1.022 | 14.629 |
| 10/2/2018 6:00 | 227520 | 120939 | 19162 | 272.446 | 41370.48 | 46564.066 | 30.514 | 31.664 | 24.171 | 1.022 | 14.637 |
| 10/2/2018 6:15 | 227610 | 120942 | 19159 | 272.434 | 41364.457 | 46559.117 | 30.51 | 31.66 | 24.175 | 1.022 | 14.637 |
| 10/2/2018 6:30 | 227700 | 120953 | 19157 | 272.46 | 41332.875 | 46524.695 | 30.485 | 31.637 | 24.194 | 1.022 | 14.637 |
| 10/2/2018 6:45 | 227790 | 120948 | 19159 | 272.446 | 41353.234 | 46545.695 | 30.5 | 31.651 | 24.182 | 1.022 | 14.633 |
| 10/2/2018 7:00 | 227880 | 120953 | 19158 | 272.459 | 41346.488 | 46539.41 | 30.495 | 31.647 | 24.186 | 1.022 | 14.636 |
| 10/2/2018 7:15 | 227970 | 120956 | 19154 | 272.466 | 41346.184 | 46542.637 | 30.498 | 31.649 | 24.186 | 1.022 | 14.634 |
| 10/2/2018 7:30 | 228060 | 120947 | 19157 | 272.447 | 41339.461 | 46532.891 | 30.491 | 31.642 | 24.19 | 1.022 | 14.628 |
| 10/2/2018 7:45 | 228150 | 120952 | 19156 | 272.455 | 41359.911 | 46555.277 | 30.507 | 31.658 | 24.178 | 1.022 | 14.632 |
| 10/2/2018 8:00 | 228240 | 120945 | 19153 | 272.441 | 41331.441 | 46527.262 | 30.486 | 31.639 | 24.195 | 1.022 | 14.625 |
| 10/2/2018 8:15 | 228330 | 120921 | 19151 | 272.386 | 413 | | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 10/3/2018 16:30 | 2399400 | 121.188 | 19.162 | 272.987 | 41347.879 | 46536.797 | 30.494 | 31.645 | 24.185 | 1.022 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 121.218 | 19.16 | 273.055 | 41339.41 | 46529.707 | 30.488 | 31.64 | 24.19 | 1.022 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 121.231 | 19.158 | 273.086 | 41323.035 | 46512.84 | 30.476 | 31.629 | 24.2 | 1.022 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 121.251 | 19.154 | 273.129 | 41352.727 | 46550.793 | 30.503 | 31.655 | 24.182 | 1.022 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 121.26 | 19.154 | 273.151 | 41357.293 | 46555.844 | 30.507 | 31.658 | 24.18 | 1.022 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 121.27 | 19.155 | 273.173 | 41364.965 | 46563.344 | 30.513 | 31.663 | 24.175 | 1.022 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 121.27 | 19.156 | 273.172 | 41333.32 | 46526.246 | 30.486 | 31.638 | 24.194 | 1.022 | 14.666 |
| 10/3/2018 18:15 | 2405700 | 121.283 | 19.158 | 273.203 | 41341.488 | 46533.785 | 30.491 | 31.643 | 24.189 | 1.022 | 14.663 |
| 10/3/2018 18:30 | 2406600 | 121.291 | 19.154 | 273.219 | 41356.871 | 46554.664 | 30.506 | 31.657 | 24.18 | 1.022 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 121.266 | 19.152 | 273.163 | 41384.738 | 46588.742 | 30.531 | 31.68 | 24.163 | 1.022 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 121.267 | 19.155 | 273.167 | 41360.027 | 46558.133 | 30.509 | 31.66 | 24.178 | 1.022 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 121.267 | 19.159 | 273.165 | 41376.27 | 46572.316 | 30.519 | 31.669 | 24.168 | 1.022 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 121.234 | 19.151 | 273.091 | 41330.488 | 46528.891 | 30.487 | 31.64 | 24.195 | 1.022 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 121.198 | 19.15 | 273.011 | 41366.793 | 46570.801 | 30.518 | 31.668 | 24.174 | 1.022 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 121.18 | 19.152 | 272.969 | 41347.434 | 46546.652 | 30.5 | 31.652 | 24.185 | 1.022 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 121.143 | 19.148 | 272.887 | 41355.426 | 46559.66 | 30.51 | 31.661 | 24.181 | 1.022 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 121.111 | 19.148 | 272.813 | 41360.801 | 46565.98 | 30.514 | 31.665 | 24.177 | 1.022 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 121.058 | 19.152 | 272.695 | 41337.695 | 46535.691 | 30.492 | 31.644 | 24.191 | 1.022 | 14.689 |
| 10/3/2018 21:00 | 2415600 | 121.01 | 19.149 | 272.587 | 41347.992 | 46549.813 | 30.503 | 31.654 | 24.185 | 1.022 | 14.688 |
| 10/3/2018 21:15 | 2416500 | 120.983 | 19.149 | 272.526 | 41351.316 | 46554.164 | 30.506 | 31.657 | 24.183 | 1.022 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 120.939 | 19.148 | 272.427 | 41349.184 | 46552.898 | 30.505 | 31.656 | 24.184 | 1.022 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 120.883 | 19.149 | 272.3 | 41363.754 | 46567.992 | 30.516 | 31.666 | 24.176 | 1.022 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 120.834 | 19.153 | 272.19 | 41375.008 | 46576.48 | 30.522 | 31.672 | 24.169 | 1.022 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 120.784 | 19.153 | 272.078 | 41371.371 | 46572.48 | 30.519 | 31.669 | 24.171 | 1.022 | 14.695 |
| 10/3/2018 22:30 | 2421000 | 120.749 | 19.154 | 271.998 | 41336.074 | 46531.523 | 30.489 | 31.641 | 24.192 | 1.022 | 14.692 |
| 10/3/2018 22:45 | 2421900 | 120.695 | 19.152 | 271.877 | 41363.449 | 46564.684 | 30.514 | 31.664 | 24.176 | 1.022 | 14.699 |
| 10/3/2018 23:00 | 2422800 | 120.647 | 19.154 | 271.77 | 41357.656 | 46555.633 | 30.507 | 31.658 | 24.179 | 1.022 | 14.699 |
| 10/3/2018 23:15 | 2423700 | 120.592 | 19.156 | 271.645 | 41374.211 | 46573.047 | 30.52 | 31.67 | 24.17 | 1.022 | 14.701 |
| 10/3/2018 23:30 | 2424600 | 120.571 | 19.154 | 271.598 | 41357.137 | 46555.492 | 30.507 | 31.658 | 24.18 | 1.022 | 14.697 |
| 10/3/2018 23:45 | 2425500 | 120.527 | 19.158 | 271.499 | 41328.188 | 46518.813 | 30.48 | 31.633 | 24.197 | 1.022 | 14.705 |

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|----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/6/2018 18:30 | 73800 | 69.08 | 15.41 | 155.609 | 41712.109 | 51066.027 | 33.581 | 34.725 | 23.974 | 1.025 | 14.743 |
| 9/6/2018 18:45 | 74700 | 69.389 | 15.41 | 156.306 | 41707.738 | 51060.785 | 33.578 | 34.721 | 23.976 | 1.025 | 14.743 |
| 9/6/2018 19:00 | 75600 | 69.53 | 15.415 | 156.623 | 41685.426 | 51027.031 | 33.553 | 34.698 | 23.989 | 1.025 | 14.739 |
| 9/6/2018 19:15 | 76500 | 69.597 | 15.427 | 156.774 | 41666.516 | 50989.242 | 33.526 | 34.673 | 24 | 1.025 | 14.739 |
| 9/6/2018 19:30 | 77400 | 69.648 | 15.433 | 156.889 | 41669.973 | 50986.852 | 33.525 | 34.671 | 23.998 | 1.025 | 14.741 |
| 9/6/2018 19:45 | 78300 | 69.691 | 15.436 | 156.987 | 41715.398 | 51038.43 | 33.563 | 34.706 | 23.972 | 1.025 | 14.734 |
| 9/6/2018 20:00 | 79200 | 69.73 | 15.437 | 157.074 | 41711.281 | 51035.605 | 33.561 | 34.704 | 23.974 | 1.025 | 14.733 |
| 9/6/2018 20:15 | 80100 | 69.774 | 15.439 | 157.172 | 41662.105 | 50970.074 | 33.513 | 34.66 | 24.003 | 1.025 | 14.733 |
| 9/6/2018 20:30 | 81000 | 69.792 | 15.441 | 157.214 | 41663.922 | 50969.555 | 33.513 | 34.659 | 24.002 | 1.025 | 14.743 |
| 9/6/2018 20:45 | 81900 | 69.799 | 15.441 | 157.228 | 41653.57 | 50956.891 | 33.504 | 34.651 | 24.008 | 1.025 | 14.744 |
| 9/6/2018 21:00 | 82800 | 69.838 | 15.44 | 157.316 | 41677.23 | 50987.207 | 33.526 | 34.671 | 23.994 | 1.025 | 14.744 |
| 9/6/2018 21:15 | 83700 | 69.834 | 15.443 | 157.307 | 41671.789 | 50977.395 | 33.519 | 34.665 | 23.997 | 1.025 | 14.746 |
| 9/6/2018 21:30 | 84600 | 69.847 | 15.444 | 157.337 | 41657.668 | 50958.75 | 33.505 | 34.657 | 24.005 | 1.025 | 14.747 |
| 9/6/2018 21:45 | 85500 | 69.863 | 15.447 | 157.374 | 41663.73 | 50962.277 | 33.508 | 34.654 | 24.002 | 1.025 | 14.746 |
| 9/6/2018 22:00 | 86400 | 69.864 | 15.451 | 157.376 | 41662.266 | 50955.754 | 33.504 | 34.65 | 24.003 | 1.025 | 14.753 |
| 9/6/2018 22:15 | 87300 | 69.89 | 15.452 | 157.434 | 41653.637 | 50944.035 | 33.495 | 34.642 | 24.008 | 1.025 | 14.743 |
| 9/6/2018 22:30 | 88200 | 69.889 | 15.453 | 157.431 | 41663.609 | 50954.988 | 33.503 | 34.649 | 24.002 | 1.025 | 14.748 |
| 9/6/2018 22:45 | 89100 | 69.909 | 15.45 | 157.478 | 41655.992 | 50949.344 | 33.499 | 34.646 | 24.006 | 1.025 | 14.75 |
| 9/6/2018 23:00 | 90000 | 69.917 | 15.45 | 157.575 | 41662.306 | 50957.715 | 33.505 | 34.651 | 24.002 | 1.025 | 14.747 |
| 9/6/2018 23:15 | 90900 | 69.905 | 15.45 | 157.469 | 41642.289 | 50933.098 | 33.487 | 34.635 | 24.014 | 1.025 | 14.744 |
| 9/6/2018 23:30 | 91800 | 69.923 | 15.449 | 157.509 | 41656.07 | 50951.117 | 33.5 | 34.647 | 24.006 | 1.025 | 14.749 |
| 9/6/2018 23:45 | 92700 | 69.908 | 15.445 | 157.475 | 41657.797 | 50957.762 | 33.505 | 34.651 | 24.005 | 1.025 | 14.747 |
| 9/7/2018 0:00 | 93600 | 69.911 | 15.441 | 157.481 | 41658.93 | 50963.246 | 33.508 | 34.655 | 24.004 | 1.025 | 14.745 |
| 9/7/2018 0:15 | 94500 | 69.924 | 15.435 | 157.511 | 41652.902 | 50963.238 | 33.508 | 34.655 | 24.008 | 1.025 | 14.75 |
| 9/7/2018 0:30 | 95400 | 69.91 | 15.449 | 157.479 | 41602.773 | 50849.973 | 33.458 | 34.609 | 24.037 | 1.025 | 14.747 |
| 9/7/2018 0:45 | 96300 | 69.908 | 15.44 | 157.475 | 41635.965 | 50937.051 | 33.489 | 34.637 | 24.018 | 1.025 | 14.747 |
| 9/7/2018 1:00 | 97200 | 69.923 | 15.444 | 157.508 | 41645.77 | 50944.094 | 33.494 | 34.642 | 24.012 | 1.025 | 14.749 |
| 9/7/2018 1:15 | 98100 | 69.922 | 15.442 | 157.506 | 41662.559 | 50967.246 | 33.511 | 34.658 | 24.002 | 1.025 | 14.748 |
| 9/7/2018 1:30 | 99000 | 69.926 | 15.443 | 157.516 | 41639.461 | 50937.004 | 33.489 | 34.637 | 24.016 | 1.025 | 14.742 |
| 9/7/2018 1:45 | 99900 | 69.904 | 15.446 | 157.466 | 41632.645 | 50925.406 | 33.481 | 34.629 | 24.02 | 1.025 | 14.744 |
| 9/7/2018 2:00 | 100800 | 69.902 | 15.444 | 157.461 | 41647.891 | 50946.984 | 33.497 | 34.644 | 24.014 | 1.025 | 14.742 |
| 9/7/2018 2:15 | 101700 | 69.902 | 15.445 | 157.462 | 41624.059 | 50916.164 | 33.474 | 34.623 | 24.025 | 1.025 | 14.739 |
| 9/7/2018 2:30 | 102600 | 69.898 | 15.44 | 157.451 | 41680.914 | 50991.813 | 33.529 | 34.674 | 23.992 | 1.025 | 14.744 |
| 9/7/2018 2:45 | 103500 | 69.919 | 15.434 | 157.5 | 41652.738 | 50964.184 | 33.508 | 34.656 | 24.008 | 1.025 | 14.736 |
| 9/7/2018 3:00 | 104400 | 69.897 | 15.443 | 157.449 | 41639.965 | 50938.563 | 33.49 | 34.638 | 24.015 | 1.025 | 14.742 |
| 9/7/2018 3:15 | 105300 | 69.897 | 15.439 | 157.451 | 41657.844 | 50964.75 | 33.509 | 34.656 | 24.005 | 1.025 | 14.741 |
| 9/7/2018 3:30 | 106200 | 69.897 | 15.429 | 157.451 | 41636.985 | 50950.156 | 33.498 | 34.646 | 24.018 | 1.025 | 14.74 |
| 9/7/2018 3:45 | 107100 | 69.917 | 15.438 | 157.494 | 41601.785 | 50897.102 | 33.46 | 34.61 | 24.037 | 1.025 | 14.74 |
| 9/7/2018 4:00 | 108000 | 69.886 | 15.445 | 157.425 | 41607.652 | 50896.832 | 33.46 | 34.61 | 24.034 | 1.025 | 14.748 |
| 9/7/2018 4:15 | 108900 | 69.895 | 15.444 | 157.445 | 41607.023 | 50896.371 | 33.459 | 34.61 | 24.034 | 1.025 | 14.74 |
| 9/7/2018 4:30 | 109800 | 69.903 | 15.444 | 157.463 | 41627.09 | 50921.242 | 33.478 | 34.626 | 24.023 | 1.025 | 14.748 |
| 9/7/2018 4:45 | 110700 | 69.898 | 15.444 | 157.453 | 41673.633 | 50978.707 | 33.52 | 34.666 | 23.996 | 1.025 | 14.742 |
| 9/7/2018 5:00 | 111600 | 69.915 | 15.446 | 157.49 | 41642.25 | 50957.781 | 33.49 | 34.638 | 24.014 | 1.025 | 14.74 |
| 9/7/2018 5:15 | 112500 | 69.908 | 15.445 | 157.474 | 41654.113 | 50953.141 | 33.491 | 34.638 | 24.007 | 1.025 | 14.747 |
| 9/7/2018 5:30 | 113400 | 69.925 | 15.445 | 157.513 | 41603.652 | 50891.73 | 33.456 | 34.606 | 24.036 | 1.025 | 14.743 |
| 9/7/2018 5:45 | 114300 | 69.913 | 15.446 | 157.487 | 41628.09 | 50920.152 | 33.477 | 34.626 | 24.022 | 1.025 | 14.736 |
| 9/7/2018 6:00 | 115200 | 69.936 | 15.444 | 157.538 | 41604.789 | 50893.637 | 33.457 | 34.608 | 24.036 | 1.025 | 14.735 |
| 9/7/2018 6:15 | 116100 | 69.918 | 15.445 | 157.497 | 41636.469 | 50931.559 | 33.485 | 34.633 | 24.017 | 1.025 | 14.739 |
| 9/7/2018 6:30 | 117000 | 69.945 | 15.446 | 157.558 | 41673.301 | 50975.457 | 33.518 | 34.663 | 23.996 | 1.025 | 14.741 |
| 9/7/2018 6:45 | 117900 | 69.92 | 15.447 | 157.501 | 41636.879 | 50929.742 | 33.484 | 34.632 | 24.017 | 1.025 | 14.748 |
| 9/7/2018 7:00 | 118800 | 69.927 | 15.447 | 157.517 | 41612.445 | 50899.547 | 33.462 | 34.612 | 24.031 | 1.025 | 14.748 |
| 9/7/2018 7:15 | 119700 | 69.949 | 15.445 | 157.567 | 41616.746 | 50907.547 | 33.468 | 34.617 | 24.029 | 1.025 | 14.747 |
| 9/7/2018 7:30 | 120600 | 69.943 | 15.446 | 157.554 | 41658.863 | 50958.211 | 33.505 | 34.652 | 24.004 | 1.025 | 14.739 |
| 9/7/2018 7:45 | 121500 | 69.946 | 15.447 | 157.559 | 41656.422 | 50953.867 | 33.502 | 34.649 | 24.006 | 1.025 | 14.747 |
| 9/7/2018 8:00 | 122400 | 69.954 | 15.447 | 157.578 | 41626.441 | 50916.668 | 33.475 | 34.623 | 24.023 | 1.025 | 14.748 |
| 9/7/2018 8:15 | 123300 | 69.972 | 15.445 | 157.619 | 41643.738 | 50934.355 | 33.488 | 34.635 | 24.013 | 1.025 | 14.75 |
| 9/7/2018 8:30 | 124200 | 69.962 | 15.449 | 157.597 | 41636.758 | 50927.387 | 33.483 | 34.631 | 24.017 | 1.025 | 14.748 |
| 9/7/2018 8:45 | 125100 | 69.962 | 15.452 | 157.596 | 41653.207 | 50943.203 | 33.494 | 34.641 | 24.008 | 1.025 | 14.751 |
| 9/7/2018 9:00 | 126000 | 69.973 | 15.451 | 157.621 | 41617.879 | 50901.672 | 33.464 | 34.61 | 24.028 | 1.025 | 14.744 |
| 9/7/2018 9:15 | 126900 | 69.971 | 15.452 | 157.616 | 41615.809 | 50898.199 | 33.461 | 34.611 | 24.029 | 1.025 | 14.751 |
| 9/7/2018 9:30 | 127800 | 69.996 | 15.451 | 157.673 | 41623.539 | 50908.496 | 33.469 | 34.618 | 24.025 | 1.025 | 14.751 |
| 9/7/2018 9:45 | 128700 | 69.98 | 15.449 | 157.637 | 41610.113 | 50894.977 | 33.459 | 34.608 | 24.033 | 1.025 | 14.755 |
| 9/7/2018 10:00 | 129600 | 69.986 | 15.452 | 157.65 | 41623.043 | 50906.621 | 33.468 | 34.617 | 24.025 | 1.025 | 14.749 |
| 9/7/2018 10:15 | 130500 | 70.003 | 15.449 | 157.688 | 41603.75 | 50886.598 | 33.453 | 34.603 | 24.036 | 1.025 | 14.752 |
| 9/7/2018 10:30 | 131400 | 69.994 | 15.449 | 157.668 | 41619.082 | 50905.039 | 33.466 | 34.615 | 24.027 | 1.025 | 14.751 |
| 9/7/2018 10:45 | 132300 | 69.99 | 15.444 | 157.66 | 41621.32 | 50914.496 | 33.473 | 34.622 | 24.026 | 1.025 | 14.757 |
| 9/7/2018 11:00 | 133200 | 70.011 | 15.448 | 157.706 | 41625.352 | 50914.387 | 33.473 | 34.622 | 24.024 | 1.025 | 14.752 |
| 9/7/2018 11:15 | 134100 | 69.986 | 15.441 | 157.65 | 41608.238 | 50903.355 | 33.468 | 34.605 | 24.034 | 1.025 | 14.754 |
| 9/7/2018 11:30 | 135000 | 69.994 | 15.451 | 157.667 | 41649.988 | 50940.629 | 33.493 | 34.64 | 24.01 | 1.025 | 14.751 |
| 9/7/2018 11:45 | 135900 | 70.014 | 15.455 | 157.713 | 41667.738 | 50957.832 | 33.505 | 34.651 | 23.999 | 1.025 | 14.747 |
| 9/7/2018 12:00 | 136800 | 69.988 | 15.453 | 157.655 | 41614.211 | 50895.082 | 33.459 | 34.609 | 24.03 | 1.025 | 14.754 |
| 9/7/2018 12:15 | 137700 | 69.993 | 15.449 | 157.666 | 41639.883 | 50931.426 | 33.486 | 34.633 | 24.015 | 1.025 | 14.749 |
| 9/7/2018 12:30 | 138600 | 70.002 | 15.453 | 157.686 | 41643.074 | 50929.977 | 33.485 | 34.632 | 24.014 | 1.025 | 14.747 |
| 9/7/2018 12:45 | 139500 | 69.986 | 15.449 | 157.65 | 41656.199 | 50911.291 | 33.5 | 34.647 | 24.006 | 1.025 | 14.746 |
| 9/7/2018 13:00 | 140400 | 70.005 | 15.455 | 157.693 | 41637.875 | 50921.313 | 33.479 | 34.626 | 24.017 | 1.025 | 14.743 |
| 9/7/2018 13:15 | 141300 | 69.995 | 15.448 | 157.671 | 41645.328 | 50939.34 | 33.491 | 34.639 | 24.012 | 1.025 | 14.743 |
| 9/7/2018 13:30 | 142200 | 69.972 | 15.445 | 157.62 | 41657.555 | 50957.352 | 33.504 | 34.651 | 24.005 | 1.025 | 14.749 |
| 9/7/2018 13:45 | 143100 | 69.973 | 15.447 | 157.622 | 41613.602 | 50901.07 | 33.463 | 34.613 | 24.031 | 1.025 | 14.744 |
| 9/7/2018 14:00 | 144000 | 69.97 | 15.449 | 157.613 | 41607.969 | 50892.281 | 33.457 | 34.607 | 24.034 | 1.025 | 14.742 |
| 9/7/2018 14:15 | 144900 | 69.971 | 15.441 | 157.617 | 41675.828 | 50964.348 | 33.524 | 34.669 | 23.995 | 1.025 | 14.74 |
| 9/7/2018 14:30 | 145800 | 69.967 | 15.444 | 157.609 | 41649.77 | 50948.879 | 33.498 | 34.645 | 24.01 | 1.025 | 14.745 |
| 9/7/2018 14:45 | 146700 | 69.988 | 15.448 | 157.655 | 41665.746 | 50963.688 | 33.509 | 34.655 | 24.001 | 1.025 | 14.737 |
| 9/7/2018 15:00 | 147600 | 69.981 | 15.445 | 157.639 | 41669.695 | 50972.418 | 33.515 | 34 | | | |

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|----------------|--------|-------|-------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/8/2018 23:15 | 263700 | 70164 | 15465 | 158051 | 41570.559 | 50836.813 | 33.41 | 34.562 | 24.055 | 1.025 | 14.688 |
| 9/8/2018 23:30 | 246400 | 70161 | 15466 | 158045 | 41577.879 | 50835.227 | 33.416 | 34.568 | 24.051 | 1.025 | 14.699 |
| 9/8/2018 23:45 | 265500 | 70138 | 15466 | 157992 | 41574.348 | 50830.711 | 33.413 | 34.565 | 24.053 | 1.025 | 14.693 |
| 9/9/2018 0:00 | 266400 | 70154 | 15464 | 158029 | 41563.832 | 50819.52 | 33.405 | 34.557 | 24.059 | 1.025 | 14.699 |
| 9/9/2018 0:15 | 267300 | 70135 | 15458 | 157987 | 41588.418 | 50856.82 | 33.432 | 34.583 | 24.045 | 1.025 | 14.699 |
| 9/9/2018 0:30 | 268200 | 70132 | 15459 | 157979 | 41584.289 | 50850.723 | 33.427 | 34.578 | 24.048 | 1.025 | 14.688 |
| 9/9/2018 0:45 | 269100 | 70134 | 15456 | 157984 | 41590.145 | 50856.523 | 33.431 | 34.582 | 24.044 | 1.025 | 14.687 |
| 9/9/2018 1:00 | 270000 | 70121 | 15459 | 157955 | 41571.555 | 50835.148 | 33.416 | 34.568 | 24.055 | 1.025 | 14.686 |
| 9/9/2018 1:15 | 270900 | 70123 | 15456 | 157959 | 41538.008 | 50793.82 | 33.385 | 34.54 | 24.074 | 1.025 | 14.682 |
| 9/9/2018 1:30 | 271800 | 70138 | 15457 | 157993 | 41589.344 | 50859.531 | 33.433 | 34.584 | 24.045 | 1.025 | 14.688 |
| 9/9/2018 1:45 | 272700 | 70125 | 15455 | 157963 | 41547.367 | 50810.824 | 33.397 | 34.551 | 24.069 | 1.025 | 14.686 |
| 9/9/2018 2:00 | 273600 | 70127 | 15453 | 157969 | 41593.73 | 50869.199 | 33.44 | 34.591 | 24.042 | 1.025 | 14.682 |
| 9/9/2018 2:15 | 274500 | 70094 | 15448 | 157893 | 41551.223 | 50804.133 | 33.407 | 34.56 | 24.067 | 1.025 | 14.687 |
| 9/9/2018 2:30 | 275400 | 70099 | 15446 | 157906 | 41575.879 | 50856.496 | 33.43 | 34.582 | 24.052 | 1.025 | 14.682 |
| 9/9/2018 2:45 | 276300 | 70093 | 15444 | 157891 | 41564.352 | 50844.172 | 33.421 | 34.574 | 24.059 | 1.025 | 14.682 |
| 9/9/2018 3:00 | 277200 | 70082 | 15441 | 157867 | 41588.109 | 50877.125 | 33.445 | 34.596 | 24.045 | 1.025 | 14.682 |
| 9/9/2018 3:15 | 278100 | 70077 | 15446 | 157855 | 41547.574 | 50821.773 | 33.405 | 34.559 | 24.069 | 1.025 | 14.681 |
| 9/9/2018 3:30 | 279000 | 70088 | 15445 | 157881 | 41532.438 | 50798.004 | 33.388 | 34.543 | 24.078 | 1.025 | 14.683 |
| 9/9/2018 3:45 | 279900 | 7009 | 15443 | 157863 | 41540.295 | 50820.086 | 33.407 | 34.558 | 24.073 | 1.025 | 14.678 |
| 9/9/2018 4:00 | 280800 | 70061 | 15441 | 157818 | 41551.008 | 50831.219 | 33.411 | 34.565 | 24.067 | 1.025 | 14.682 |
| 9/9/2018 4:15 | 281700 | 70057 | 15446 | 157811 | 41572.125 | 50851.695 | 33.427 | 34.579 | 24.055 | 1.025 | 14.678 |
| 9/9/2018 4:30 | 282600 | 70046 | 15448 | 157875 | 41575.008 | 50852.809 | 33.428 | 34.58 | 24.053 | 1.025 | 14.687 |
| 9/9/2018 4:45 | 283500 | 70066 | 15448 | 157831 | 41567.359 | 50843.871 | 33.421 | 34.574 | 24.057 | 1.025 | 14.682 |
| 9/9/2018 5:00 | 284400 | 70051 | 15447 | 157797 | 41566.512 | 50843.043 | 33.421 | 34.573 | 24.058 | 1.025 | 14.677 |
| 9/9/2018 5:15 | 285300 | 7004 | 15443 | 157771 | 41541.517 | 50817.569 | 33.402 | 34.556 | 24.072 | 1.025 | 14.681 |
| 9/9/2018 5:30 | 286200 | 7004 | 15444 | 157772 | 41565.789 | 50846.355 | 33.423 | 34.576 | 24.058 | 1.025 | 14.678 |
| 9/9/2018 5:45 | 287100 | 70056 | 15444 | 157808 | 41568.008 | 50849.281 | 33.425 | 34.578 | 24.057 | 1.025 | 14.68 |
| 9/9/2018 6:00 | 288000 | 70033 | 15443 | 157756 | 41583.426 | 50869.398 | 33.44 | 34.591 | 24.048 | 1.025 | 14.688 |
| 9/9/2018 6:15 | 288900 | 70038 | 15444 | 157768 | 41544.359 | 50820.141 | 33.403 | 34.558 | 24.071 | 1.025 | 14.682 |
| 9/9/2018 6:30 | 289800 | 70037 | 15445 | 157766 | 41556.715 | 50833.461 | 33.413 | 34.567 | 24.063 | 1.025 | 14.688 |
| 9/9/2018 6:45 | 290700 | 70096 | 15448 | 157807 | 41540.488 | 50810.629 | 33.407 | 34.551 | 24.073 | 1.025 | 14.683 |
| 9/9/2018 7:00 | 291600 | 70034 | 15445 | 157757 | 41544.359 | 50818.574 | 33.402 | 34.557 | 24.071 | 1.025 | 14.689 |
| 9/9/2018 7:15 | 292500 | 70048 | 15442 | 157789 | 41556.148 | 50837.07 | 33.416 | 34.569 | 24.064 | 1.025 | 14.681 |
| 9/9/2018 7:30 | 293400 | 70041 | 15444 | 157775 | 41562.281 | 50841.738 | 33.419 | 34.572 | 24.06 | 1.025 | 14.689 |
| 9/9/2018 7:45 | 294300 | 70058 | 15447 | 157814 | 41559.996 | 50835.074 | 33.415 | 34.568 | 24.062 | 1.025 | 14.694 |
| 9/9/2018 8:00 | 295200 | 70062 | 15442 | 157822 | 41553.133 | 50833.383 | 33.413 | 34.567 | 24.066 | 1.025 | 14.692 |
| 9/9/2018 8:15 | 296100 | 70065 | 15449 | 157823 | 41588.23 | 50869.402 | 33.44 | 34.591 | 24.045 | 1.025 | 14.693 |
| 9/9/2018 8:30 | 297000 | 7007 | 15447 | 15784 | 41579.57 | 50859.555 | 33.423 | 34.584 | 24.05 | 1.025 | 14.695 |
| 9/9/2018 8:45 | 297900 | 70076 | 15445 | 157853 | 41566.93 | 50846.184 | 33.423 | 34.575 | 24.058 | 1.025 | 14.695 |
| 9/9/2018 9:00 | 298800 | 70065 | 15446 | 157828 | 41577.645 | 50858.246 | 33.432 | 34.584 | 24.051 | 1.025 | 14.696 |
| 9/9/2018 9:15 | 299700 | 70067 | 15443 | 157833 | 41593.887 | 50882.195 | 33.449 | 34.6 | 24.042 | 1.025 | 14.696 |
| 9/9/2018 9:30 | 300600 | 70065 | 15446 | 157828 | 41572.215 | 50851.281 | 33.427 | 34.579 | 24.055 | 1.025 | 14.698 |
| 9/9/2018 9:45 | 301500 | 70078 | 15448 | 157857 | 41566.273 | 50841.496 | 33.42 | 34.572 | 24.058 | 1.025 | 14.692 |
| 9/9/2018 10:00 | 302400 | 70103 | 15445 | 157915 | 41571.45 | 50828.868 | 33.41 | 34.564 | 24.063 | 1.025 | 14.693 |
| 9/9/2018 10:15 | 303300 | 70085 | 15446 | 157873 | 41555.066 | 50830.512 | 33.411 | 34.565 | 24.064 | 1.025 | 14.698 |
| 9/9/2018 10:30 | 304200 | 70114 | 15448 | 157939 | 41570.285 | 50847.449 | 33.424 | 34.576 | 24.056 | 1.025 | 14.692 |
| 9/9/2018 10:45 | 305100 | 70095 | 15443 | 157896 | 41551.844 | 50830.766 | 33.411 | 34.565 | 24.066 | 1.025 | 14.693 |
| 9/9/2018 11:00 | 306000 | 70102 | 15441 | 157912 | 41564.09 | 50847.223 | 33.423 | 34.576 | 24.059 | 1.025 | 14.693 |
| 9/9/2018 11:15 | 306900 | 70108 | 15445 | 157924 | 41548.996 | 50824.137 | 33.407 | 34.56 | 24.068 | 1.025 | 14.689 |
| 9/9/2018 11:30 | 307800 | 70124 | 15453 | 157962 | 41571.77 | 50842.555 | 33.421 | 34.573 | 24.055 | 1.025 | 14.692 |
| 9/9/2018 11:45 | 308700 | 70132 | 15457 | 157979 | 41530.867 | 50788.129 | 33.381 | 34.536 | 24.078 | 1.025 | 14.687 |
| 9/9/2018 12:00 | 309600 | 70111 | 15454 | 15793 | 41604.289 | 50882.012 | 33.45 | 34.6 | 24.036 | 1.025 | 14.692 |
| 9/9/2018 12:15 | 310500 | 7013 | 15453 | 157975 | 41594.195 | 50869.98 | 33.441 | 34.592 | 24.042 | 1.025 | 14.689 |
| 9/9/2018 12:30 | 311400 | 70134 | 15452 | 157984 | 41576.863 | 50849.832 | 33.426 | 34.578 | 24.052 | 1.025 | 14.689 |
| 9/9/2018 12:45 | 312300 | 70118 | 15449 | 157949 | 41571.973 | 50847.73 | 33.424 | 34.576 | 24.055 | 1.025 | 14.687 |
| 9/9/2018 13:00 | 313200 | 70122 | 15451 | 157957 | 41580.286 | 50855.461 | 33.443 | 34.582 | 24.05 | 1.025 | 14.694 |
| 9/9/2018 13:15 | 314100 | 70117 | 15453 | 157946 | 41616.578 | 50897.145 | 33.461 | 34.61 | 24.029 | 1.025 | 14.69 |
| 9/9/2018 13:30 | 315000 | 70112 | 15451 | 157933 | 41650.652 | 50941.551 | 33.493 | 34.64 | 24.009 | 1.025 | 14.692 |
| 9/9/2018 13:45 | 315900 | 70115 | 15449 | 157941 | 41594.957 | 50875.633 | 33.445 | 34.595 | 24.041 | 1.025 | 14.688 |
| 9/9/2018 14:00 | 316800 | 70123 | 15452 | 157959 | 41632.02 | 50918.133 | 33.476 | 34.624 | 24.02 | 1.025 | 14.691 |
| 9/9/2018 14:15 | 317700 | 70125 | 15453 | 157962 | 41636.402 | 50922.441 | 33.479 | 34.627 | 24.017 | 1.025 | 14.685 |
| 9/9/2018 14:30 | 318600 | 70123 | 15451 | 157958 | 41627.168 | 50913.559 | 33.472 | 34.621 | 24.023 | 1.025 | 14.69 |
| 9/9/2018 14:45 | 319500 | 70094 | 15451 | 157893 | 41595.391 | 50873.652 | 33.443 | 34.594 | 24.041 | 1.025 | 14.689 |
| 9/9/2018 15:00 | 320400 | 70114 | 15446 | 157939 | 41599.379 | 50884.406 | 33.451 | 34.601 | 24.039 | 1.025 | 14.681 |
| 9/9/2018 15:15 | 321300 | 70098 | 15441 | 157903 | 41594.289 | 50884.594 | 33.451 | 34.602 | 24.042 | 1.025 | 14.679 |
| 9/9/2018 15:30 | 322200 | 70111 | 15447 | 15793 | 41636.184 | 50928.582 | 33.483 | 34.631 | 24.018 | 1.025 | 14.675 |
| 9/9/2018 15:45 | 323100 | 70092 | 1544 | 157888 | 41606.238 | 50900.258 | 33.462 | 34.612 | 24.035 | 1.025 | 14.674 |
| 9/9/2018 16:00 | 324000 | 70122 | 15443 | 157923 | 41583.203 | 50881.637 | 33.448 | 34.6 | 24.048 | 1.025 | 14.679 |
| 9/9/2018 16:15 | 324900 | 70077 | 15443 | 157854 | 41601.227 | 50890.34 | 33.455 | 34.605 | 24.038 | 1.025 | 14.683 |
| 9/9/2018 16:30 | 325800 | 70096 | 15443 | 157898 | 41588.008 | 50874.371 | 33.443 | 34.595 | 24.045 | 1.025 | 14.678 |
| 9/9/2018 16:45 | 326700 | 70096 | 15445 | 157897 | 41638.145 | 50928.031 | 33.483 | 34.631 | 24.016 | 1.025 | 14.676 |
| 9/9/2018 17:00 | 327600 | 70092 | 15441 | 157889 | 41574.188 | 50859.676 | 33.432 | 34.585 | 24.053 | 1.025 | 14.673 |
| 9/9/2018 17:15 | 328500 | 70092 | 15439 | 157889 | 41565.195 | 50851.195 | 33.426 | 34.579 | 24.059 | 1.025 | 14.673 |
| 9/9/2018 17:30 | 329400 | 70071 | 15441 | 157841 | 41594.286 | 50942.266 | 33.464 | 34.615 | 24.04 | 1.025 | 14.671 |
| 9/9/2018 17:45 | 330300 | 70073 | 1543 | 157846 | 41572.203 | 50870.891 | 33.44 | 34.592 | 24.055 | 1.025 | 14.671 |
| 9/9/2018 18:00 | 331200 | 70082 | 15441 | 157867 | 41556.258 | 50838.07 | 33.416 | 34.57 | 24.064 | 1.025 | 14.672 |
| 9/9/2018 18:15 | 332100 | 70066 | 15447 | 157831 | 41629.5 | 50920.195 | 33.477 | 34.626 | 24.021 | 1.025 | 14.669 |
| 9/9/2018 18:30 | 333000 | 70074 | 15434 | 157849 | 41582.684 | 50878.902 | 33.446 | 34.598 | 24.048 | 1.025 | 14.662 |
| 9/9/2018 18:45 | 333900 | 70071 | 15441 | 157841 | 41568.414 | 50865.109 | 33.435 | 34.588 | 24.057 | 1.025 | 14.665 |
| 9/9/2018 19:00 | 334800 | 70084 | 15441 | 157864 | 41618.125 | 50915.227 | 33.473 | 34.622 | 24.028 | 1.025 | 14.666 |
| 9/9/2018 19:15 | 335700 | 7008 | 15447 | 157862 | 41599.047 | 50883.895 | 33.445 | 34.601 | 24.039 | 1.025 | 14.665 |
| 9/9/2018 19:30 | 336600 | 70078 | 15448 | 157859 | 41580.977 | 50859.805 | 33.433 | 34.585 | 24.049 | 1.025 | 14.665 |
| 9/9/2018 19:45 | 337500 | 70108 | 15444 | 157924 | 41570.141 | 50851.352 | 33.426 | 34.579 | 24.056 | 1.025 | 14.665 |
| 9/9/2018 20:00 | 338400 | 7009 | 15448 | 157884 | 41540.566 | 50811 | 33.397 | 34.551 | 24.073 | 1.025 | 14.668 |
| 9/9/2018 20:15 | | | | | | | | | | | |

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|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|----------|
| 9/11/2018 4:00 | 453600 | 70:19 | 15:448 | 157:95 | 41519:809 | 50784:758 | 33:378 | 34:534 | 24:085 | 1:025 | 14:678 |
| 9/11/2018 4:15 | 454500 | 70:18 | 15:445 | 157:947 | 41510:176 | 50777:285 | 33:372 | 34:529 | 24:09 | 1:025 | 14:67 |
| 9/11/2018 4:30 | 455400 | 70:13 | 15:444 | 157:937 | 41510:535 | 50778:133 | 33:373 | 34:529 | 24:09 | 1:025 | 14:669 |
| 9/11/2018 4:45 | 456300 | 70:109 | 15:443 | 157:927 | 41535:941 | 50810:984 | 33:397 | 34:551 | 24:076 | 1:025 | 14:67 |
| 9/11/2018 5:00 | 457200 | 70:098 | 15:444 | 157:902 | 41541:379 | 50816:594 | 33:401 | 34:555 | 24:072 | 1:025 | 14:675 |
| 9/11/2018 5:15 | 458100 | 70:121 | 15:447 | 157:954 | 41521:879 | 50799:074 | 33:381 | 34:537 | 24:084 | 1:025 | 14:671 |
| 9/11/2018 5:30 | 459000 | 70:098 | 15:442 | 157:902 | 41502:622 | 50812:602 | 33:405 | 34:559 | 24:07 | 1:025 | 14:671 |
| 9/11/2018 5:45 | 459900 | 70:116 | 15:442 | 157:942 | 41513:031 | 50784:543 | 33:377 | 34:533 | 24:089 | 1:025 | 14:673 |
| 9/11/2018 6:00 | 460800 | 70:096 | 15:436 | 157:897 | 41514:957 | 50793:305 | 33:383 | 34:539 | 24:088 | 1:025 | 14:667 |
| 9/11/2018 6:15 | 461700 | 70:092 | 15:441 | 157:888 | 41550:301 | 50831:406 | 33:411 | 34:565 | 24:067 | 1:025 | 14:669 |
| 9/11/2018 6:30 | 462600 | 70:083 | 15:437 | 157:869 | 41546:523 | 50831:387 | 33:411 | 34:565 | 24:069 | 1:025 | 14:676 |
| 9/11/2018 6:45 | 463500 | 70:087 | 15:437 | 157:879 | 41525:02 | 50804:242 | 33:391 | 34:547 | 24:082 | 1:025 | 14:668 |
| 9/11/2018 7:00 | 464400 | 70:08 | 15:436 | 157:863 | 41528:945 | 50810:207 | 33:396 | 34:55 | 24:08 | 1:025 | 14:677 |
| 9/11/2018 7:15 | 465300 | 70:089 | 15:437 | 157:883 | 41510:746 | 50791:492 | 33:382 | 34:538 | 24:09 | 1:025 | 14:68 |
| 9/11/2018 7:30 | 466200 | 70:081 | 15:437 | 157:865 | 41545:367 | 50829:043 | 33:41 | 34:564 | 24:07 | 1:025 | 14:685 |
| 9/11/2018 7:45 | 467100 | 70:08 | 15:433 | 157:863 | 41509:031 | 50789:719 | 33:38 | 34:537 | 24:091 | 1:025 | 14:684 |
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| 9/14/2018 3:45 | 711900 | 70101 | 15442 | 15791 | 41494.311 | 50761.215 | 33.36 | 34518 | 24.1 | 1.025 | 14.717 |
| 9/14/2018 4:00 | 712800 | 70097 | 15447 | 1579 | 41489.316 | 50749.246 | 33.352 | 34509 | 24.103 | 1.025 | 14.719 |
| 9/14/2018 4:15 | 713700 | 70097 | 15455 | 1579 | 41475.832 | 50723.645 | 33.333 | 34492 | 24.11 | 1.025 | 14.715 |
| 9/14/2018 4:30 | 714600 | 7012 | 15459 | 157952 | 41462.379 | 50701.98 | 33.318 | 34477 | 24.118 | 1.025 | 14.713 |
| 9/14/2018 4:45 | 715500 | 70099 | 15455 | 157905 | 41479.496 | 50727.82 | 33.354 | 34495 | 24.108 | 1.025 | 14.718 |
| 9/14/2018 5:00 | 716400 | 70118 | 15448 | 157947 | 41429.547 | 50674.473 | 33.297 | 34459 | 24.137 | 1.025 | 14.71 |
| 9/14/2018 5:15 | 717300 | 70105 | 15452 | 157918 | 41435.684 | 50677.371 | 33.299 | 34461 | 24.134 | 1.025 | 14.704 |
| 9/14/2018 5:30 | 718200 | 70091 | 15453 | 157887 | 41461.434 | 50707.828 | 33.322 | 34481 | 24.119 | 1.025 | 14.708 |
| 9/14/2018 5:45 | 719100 | 70094 | | | | | | | | | |

| | | | | | | | | | | | |
|-------------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/15/2018 13:30 | 833400 | 70.14 | 15.447 | 157.997 | 41502.316 | 50764.945 | 33.363 | 34.52 | 24.095 | 1.025 | 14.72 |
| 9/15/2018 13:45 | 834300 | 70.127 | 15.438 | 157.968 | 41488.266 | 50758.449 | 33.568 | 34.516 | 24.103 | 1.025 | 14.717 |
| 9/15/2018 14:00 | 835200 | 70.123 | 15.441 | 157.959 | 41474.262 | 50737.648 | 33.343 | 34.502 | 24.111 | 1.025 | 14.723 |
| 9/15/2018 14:15 | 836100 | 70.134 | 15.459 | 157.984 | 41506.609 | 50756.266 | 33.358 | 34.514 | 24.093 | 1.025 | 14.713 |
| 9/15/2018 14:30 | 837000 | 70.159 | 15.46 | 158.041 | 41484.359 | 50728.219 | 33.337 | 34.495 | 24.105 | 1.025 | 14.715 |
| 9/15/2018 14:45 | 837900 | 70.163 | 15.454 | 158.049 | 41495.82 | 50749.023 | 33.352 | 34.509 | 24.099 | 1.025 | 14.71 |
| 9/15/2018 15:00 | 838850 | 70.169 | 15.453 | 158.052 | 41501.035 | 50756.258 | 33.357 | 34.514 | 24.096 | 1.025 | 14.711 |
| 9/15/2018 15:15 | 839700 | 70.147 | 15.457 | 158.013 | 41495.98 | 50745.781 | 33.35 | 34.507 | 24.099 | 1.025 | 14.708 |
| 9/15/2018 15:30 | 840600 | 70.149 | 15.451 | 158.017 | 41495.391 | 50751.961 | 33.354 | 34.511 | 24.099 | 1.025 | 14.711 |
| 9/15/2018 15:45 | 841500 | 70.179 | 15.458 | 158.084 | 41546.016 | 50805.398 | 33.394 | 34.548 | 24.07 | 1.025 | 14.704 |
| 9/15/2018 16:00 | 842400 | 70.176 | 15.457 | 158.078 | 41552.379 | 50814.215 | 33.4 | 34.554 | 24.066 | 1.025 | 14.704 |
| 9/15/2018 16:15 | 843300 | 70.165 | 15.45 | 158.054 | 41460.363 | 50709.75 | 33.323 | 34.483 | 24.119 | 1.025 | 14.7 |
| 9/15/2018 16:30 | 844200 | 70.17 | 15.442 | 158.065 | 41478.919 | 50735.488 | 33.336 | 34.494 | 24.105 | 1.025 | 14.699 |
| 9/15/2018 16:45 | 845100 | 70.164 | 15.456 | 158.051 | 41466.633 | 50710.508 | 33.324 | 34.483 | 24.116 | 1.025 | 14.699 |
| 9/15/2018 17:00 | 846000 | 70.189 | 15.457 | 158.109 | 41456.164 | 50666.773 | 33.314 | 34.474 | 24.122 | 1.025 | 14.691 |
| 9/15/2018 17:15 | 846900 | 70.171 | 15.448 | 158.068 | 41468.121 | 50721.535 | 33.331 | 34.491 | 24.115 | 1.025 | 14.692 |
| 9/15/2018 17:30 | 847800 | 70.185 | 15.456 | 158.1 | 41493.598 | 50744.016 | 33.349 | 34.506 | 24.1 | 1.025 | 14.694 |
| 9/15/2018 17:45 | 848700 | 70.184 | 15.457 | 158.097 | 41475.18 | 50719.715 | 33.331 | 34.489 | 24.111 | 1.025 | 14.694 |
| 9/15/2018 18:00 | 849600 | 70.156 | 15.448 | 158.054 | 41462.27 | 50705.961 | 33.325 | 34.481 | 24.118 | 1.025 | 14.687 |
| 9/15/2018 18:15 | 850500 | 70.161 | 15.455 | 158.045 | 41489.543 | 50739.48 | 33.345 | 34.503 | 24.102 | 1.025 | 14.696 |
| 9/15/2018 18:30 | 851400 | 70.177 | 15.454 | 158.082 | 41437.395 | 50677.172 | 33.299 | 34.46 | 24.133 | 1.025 | 14.693 |
| 9/15/2018 18:45 | 852300 | 70.18 | 15.455 | 158.087 | 41418.34 | 50653.234 | 33.282 | 34.444 | 24.144 | 1.025 | 14.688 |
| 9/15/2018 19:00 | 853200 | 70.176 | 15.458 | 158.079 | 41495.457 | 50743.359 | 33.348 | 34.505 | 24.099 | 1.025 | 14.685 |
| 9/15/2018 19:15 | 854100 | 70.154 | 15.455 | 158.03 | 41472.254 | 50718.844 | 33.33 | 34.489 | 24.113 | 1.025 | 14.692 |
| 9/15/2018 19:30 | 855000 | 70.158 | 15.449 | 158.038 | 41456.059 | 50705.382 | 33.32 | 34.48 | 24.122 | 1.025 | 14.687 |
| 9/15/2018 19:45 | 855900 | 70.147 | 15.444 | 158.013 | 41416.836 | 50663.938 | 33.289 | 34.451 | 24.145 | 1.025 | 14.7 |
| 9/15/2018 20:00 | 856800 | 70.142 | 15.448 | 158.003 | 41451.207 | 50701.379 | 33.317 | 34.477 | 24.125 | 1.025 | 14.701 |
| 9/15/2018 20:15 | 857700 | 70.144 | 15.449 | 158.006 | 41481.836 | 50737.797 | 33.343 | 34.502 | 24.107 | 1.025 | 14.7 |
| 9/15/2018 20:30 | 858600 | 70.161 | 15.449 | 158.045 | 41458.629 | 50709.512 | 33.323 | 34.482 | 24.12 | 1.025 | 14.698 |
| 9/15/2018 20:45 | 859500 | 70.138 | 15.443 | 157.992 | 41466.191 | 50725.887 | 33.334 | 34.494 | 24.116 | 1.025 | 14.7 |
| 9/15/2018 21:00 | 860400 | 70.128 | 15.449 | 157.969 | 41461.242 | 50748.988 | 33.352 | 34.509 | 24.101 | 1.025 | 14.706 |
| 9/15/2018 21:15 | 861300 | 70.131 | 15.449 | 157.977 | 41414.672 | 50655.855 | 33.283 | 34.446 | 24.146 | 1.025 | 14.704 |
| 9/15/2018 21:30 | 862200 | 70.121 | 15.449 | 157.955 | 41438.027 | 50683.688 | 33.304 | 34.465 | 24.132 | 1.025 | 14.708 |
| 9/15/2018 21:45 | 863100 | 70.132 | 15.442 | 157.98 | 41442.078 | 50696.922 | 33.313 | 34.474 | 24.13 | 1.025 | 14.706 |
| 9/15/2018 22:00 | 864000 | 70.118 | 15.44 | 157.948 | 41424.953 | 50678.676 | 33.299 | 34.462 | 24.14 | 1.025 | 14.701 |
| 9/15/2018 22:15 | 864900 | 70.113 | 15.445 | 157.935 | 41449.418 | 50702.961 | 33.318 | 34.478 | 24.126 | 1.025 | 14.707 |
| 9/15/2018 22:30 | 865800 | 70.105 | 15.447 | 157.925 | 41448.738 | 50746.24 | 33.35 | 34.508 | 24.103 | 1.025 | 14.713 |
| 9/15/2018 22:45 | 866700 | 70.13 | 15.447 | 157.974 | 41460.98 | 50714.387 | 33.326 | 34.486 | 24.119 | 1.025 | 14.703 |
| 9/15/2018 23:00 | 867600 | 70.109 | 15.448 | 157.927 | 41464.703 | 50717.262 | 33.328 | 34.488 | 24.117 | 1.025 | 14.707 |
| 9/15/2018 23:15 | 868500 | 70.094 | 15.447 | 157.894 | 41436.008 | 50684.465 | 33.304 | 34.465 | 24.134 | 1.025 | 14.715 |
| 9/15/2018 23:30 | 869400 | 70.1 | 15.442 | 157.907 | 41436.273 | 50690.23 | 33.308 | 34.469 | 24.133 | 1.025 | 14.711 |
| 9/15/2018 23:45 | 870300 | 70.1 | 15.441 | 157.906 | 41408.02 | 50656.496 | 33.283 | 34.446 | 24.15 | 1.025 | 14.713 |
| 9/16/2018 0:00 | 871200 | 70.101 | 15.444 | 157.909 | 41418.637 | 50666.449 | 33.291 | 34.453 | 24.144 | 1.025 | 14.713 |
| 9/16/2018 0:15 | 872100 | 70.111 | 15.447 | 157.922 | 41416.914 | 50664.449 | 33.289 | 34.452 | 24.145 | 1.025 | 14.715 |
| 9/16/2018 0:30 | 873000 | 70.091 | 15.444 | 157.887 | 41454.273 | 50709.734 | 33.322 | 34.483 | 24.123 | 1.025 | 14.712 |
| 9/16/2018 0:45 | 873900 | 70.093 | 15.447 | 157.891 | 41453.84 | 50705.438 | 33.32 | 34.48 | 24.123 | 1.025 | 14.715 |
| 9/16/2018 1:00 | 874800 | 70.111 | 15.449 | 157.931 | 41444.426 | 50692.039 | 33.31 | 34.471 | 24.129 | 1.025 | 14.712 |
| 9/16/2018 1:15 | 875700 | 70.09 | 15.447 | 157.884 | 41457.918 | 50710.84 | 33.323 | 34.483 | 24.121 | 1.025 | 14.717 |
| 9/16/2018 1:30 | 876600 | 70.097 | 15.449 | 157.901 | 41470.091 | 50723.543 | 33.333 | 34.492 | 24.113 | 1.025 | 14.710 |
| 9/16/2018 1:45 | 877500 | 70.09 | 15.445 | 157.884 | 41471.27 | 50723.09 | 33.333 | 34.492 | 24.113 | 1.025 | 14.715 |
| 9/16/2018 2:00 | 878400 | 70.094 | 15.448 | 157.893 | 41428.898 | 50674.305 | 33.297 | 34.459 | 24.138 | 1.025 | 14.717 |
| 9/16/2018 2:15 | 879300 | 70.088 | 15.45 | 157.88 | 41450.301 | 50697.969 | 33.314 | 34.475 | 24.125 | 1.025 | 14.717 |
| 9/16/2018 2:30 | 880200 | 70.112 | 15.449 | 157.935 | 41508.883 | 50770.781 | 33.368 | 34.524 | 24.091 | 1.025 | 14.717 |
| 9/16/2018 2:45 | 881100 | 70.116 | 15.448 | 157.942 | 41442.637 | 50691.316 | 33.309 | 34.47 | 24.13 | 1.025 | 14.714 |
| 9/16/2018 3:00 | 882000 | 70.11 | 15.449 | 157.93 | 41463.695 | 50715.609 | 33.327 | 34.487 | 24.117 | 1.025 | 14.718 |
| 9/16/2018 3:15 | 882900 | 70.097 | 15.446 | 157.9 | 41473.52 | 50699.484 | 33.315 | 34.476 | 24.127 | 1.025 | 14.717 |
| 9/16/2018 3:30 | 883800 | 70.114 | 15.447 | 157.94 | 41506.027 | 50769.27 | 33.366 | 34.523 | 24.093 | 1.025 | 14.717 |
| 9/16/2018 3:45 | 884700 | 70.093 | 15.446 | 157.891 | 41435.297 | 50684.008 | 33.304 | 34.465 | 24.134 | 1.025 | 14.72 |
| 9/16/2018 4:00 | 885600 | 70.124 | 15.447 | 157.961 | 41427.531 | 50673.258 | 33.296 | 34.458 | 24.139 | 1.025 | 14.712 |
| 9/16/2018 4:15 | 886500 | 70.1 | 15.447 | 157.906 | 41456.816 | 50720.5 | 33.331 | 34.49 | 24.116 | 1.025 | 14.714 |
| 9/16/2018 4:30 | 887400 | 70.097 | 15.449 | 157.9 | 41464.793 | 50716.734 | 33.328 | 34.487 | 24.117 | 1.025 | 14.716 |
| 9/16/2018 4:45 | 888300 | 70.104 | 15.448 | 157.912 | 41447.953 | 50685.063 | 33.305 | 34.466 | 24.122 | 1.025 | 14.715 |
| 9/16/2018 5:00 | 889200 | 70.104 | 15.448 | 157.916 | 41444.035 | 50692.305 | 33.31 | 34.471 | 24.129 | 1.025 | 14.716 |
| 9/16/2018 5:15 | 890100 | 70.118 | 15.453 | 157.947 | 41463.629 | 50710.609 | 33.324 | 34.483 | 24.118 | 1.025 | 14.72 |
| 9/16/2018 5:30 | 891000 | 70.121 | 15.456 | 157.955 | 41478.996 | 50726.051 | 33.335 | 34.494 | 24.109 | 1.025 | 14.716 |
| 9/16/2018 5:45 | 891900 | 70.118 | 15.454 | 157.948 | 41470.418 | 50718.074 | 33.329 | 34.488 | 24.114 | 1.025 | 14.72 |
| 9/16/2018 6:00 | 892800 | 70.119 | 15.447 | 157.951 | 41527.598 | 50796.496 | 33.386 | 34.542 | 24.08 | 1.025 | 14.726 |
| 9/16/2018 6:15 | 893700 | 70.111 | 15.445 | 157.93 | 41496.235 | 50759.793 | 33.357 | 34.517 | 24.098 | 1.025 | 14.721 |
| 9/16/2018 6:30 | 894600 | 70.111 | 15.447 | 157.933 | 41499.535 | 50762.172 | 33.361 | 34.518 | 24.097 | 1.025 | 14.724 |
| 9/16/2018 6:45 | 895500 | 70.104 | 15.445 | 157.916 | 41521.379 | 50790.465 | 33.382 | 34.538 | 24.084 | 1.025 | 14.729 |
| 9/16/2018 7:00 | 896400 | 70.104 | 15.447 | 157.917 | 41479.848 | 50737.77 | 33.343 | 34.502 | 24.108 | 1.025 | 14.726 |
| 9/16/2018 7:15 | 897300 | 70.124 | 15.453 | 157.96 | 41525.527 | 50785.789 | 33.379 | 34.534 | 24.082 | 1.025 | 14.727 |
| 9/16/2018 7:30 | 898200 | 70.124 | 15.454 | 157.96 | 41479.563 | 50728.633 | 33.337 | 34.495 | 24.108 | 1.025 | 14.729 |
| 9/16/2018 7:45 | 899100 | 70.108 | 15.454 | 157.952 | 41486.336 | 50717.806 | 33.344 | 34.503 | 24.104 | 1.025 | 14.735 |
| 9/16/2018 8:00 | 900000 | 70.118 | 15.45 | 157.947 | 41467.051 | 50718.762 | 33.33 | 34.489 | 24.116 | 1.025 | 14.737 |
| 9/16/2018 8:15 | 900900 | 70.119 | 15.445 | 157.951 | 41451.492 | 50704.977 | 33.319 | 34.479 | 24.125 | 1.025 | 14.737 |
| 9/16/2018 8:30 | 901800 | 70.104 | 15.448 | 157.915 | 41437.211 | 50683.957 | 33.304 | 34.465 | 24.133 | 1.025 | 14.732 |
| 9/16/2018 8:45 | 902700 | 70.119 | 15.445 | 157.949 | 41430.098 | 50679.004 | 33.3 | 34.462 | 24.137 | 1.025 | 14.735 |
| 9/16/2018 9:00 | 903600 | 70.098 | 15.446 | 157.903 | 41494.461 | 50756.598 | 33.357 | 34.514 | 24.1 | 1.025 | 14.734 |
| 9/16/2018 9:15 | 904500 | 70.095 | 15.45 | 157.895 | 41460.77 | 50710.148 | 33.323 | 34.483 | 24.119 | 1.025 | 14.742 |
| 9/16/2018 9:30 | 905400 | 70.099 | 15.447 | 157.904 | 41462.289 | 50691.203 | 33.329 | 34.473 | 24.113 | 1.025 | 14.74 |
| 9/16/2018 9:45 | 906300 | 70.093 | 15.443 | 157.891 | 41458.547 | 50716.113 | 33.327 | 34.487 | 24.12 | 1.025 | 14.742 |
| 9/16/2018 10:00</ | | | | | | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/17/2018 18:15 | 1023300 | 70 08 | 15 454 | 157 863 | 41448.707 | 50691.316 | 33 31 | 34 47 | 24 126 | 1 025 | 14 708 |
| 9/17/2018 18:30 | 1024200 | 70 087 | 15 449 | 157 878 | 41421.133 | 50663.758 | 33 289 | 34 451 | 24 142 | 1 025 | 14 7 |
| 9/17/2018 18:45 | 1025100 | 70 092 | 15 446 | 157 889 | 41426.297 | 50673 | 33 296 | 34 458 | 24 139 | 1 025 | 14 699 |
| 9/17/2018 19:00 | 1026000 | 70 096 | 15 447 | 157 899 | 41419.125 | 50663.301 | 33 289 | 34 451 | 24 143 | 1 025 | 14 693 |
| 9/17/2018 19:15 | 1026900 | 70 092 | 15 454 | 157 889 | 41458.75 | 50704.02 | 33 319 | 34 479 | 24 139 | 1 025 | 14 702 |
| 9/17/2018 19:30 | 1027800 | 70 089 | 15 457 | 157 883 | 41444.703 | 50683.293 | 33 304 | 34 465 | 24 129 | 1 025 | 14 7 |
| 9/17/2018 19:45 | 1028700 | 70 087 | 15 451 | 157 885 | 41436.309 | 50675.008 | 33 305 | 34 462 | 24 127 | 1 025 | 14 701 |
| 9/17/2018 20:00 | 1029600 | 70 085 | 15 453 | 157 873 | 41465.406 | 50713.09 | 33 326 | 34 485 | 24 116 | 1 025 | 14 706 |
| 9/17/2018 20:15 | 1030500 | 70 084 | 15 455 | 157 871 | 41456.418 | 50699.598 | 33 316 | 34 476 | 24 122 | 1 025 | 14 706 |
| 9/17/2018 20:30 | 1031400 | 70 107 | 15 455 | 157 922 | 41430.008 | 50666.98 | 33 292 | 34 454 | 24 137 | 1 025 | 14 705 |
| 9/17/2018 20:45 | 1032300 | 70 109 | 15 452 | 157 927 | 41452.059 | 50697.191 | 33 314 | 34 474 | 24 124 | 1 025 | 14 706 |
| 9/17/2018 21:00 | 1033200 | 70 079 | 15 447 | 157 86 | 41418.535 | 50662.668 | 33 288 | 34 451 | 24 144 | 1 025 | 14 714 |
| 9/17/2018 21:15 | 1034100 | 70 081 | 15 444 | 157 864 | 41459.109 | 50715.531 | 33 327 | 34 487 | 24 12 | 1 025 | 14 712 |
| 9/17/2018 21:30 | 1035000 | 70 092 | 15 448 | 157 888 | 41442.095 | 50690.969 | 33 309 | 34 47 | 24 113 | 1 025 | 14 716 |
| 9/17/2018 21:45 | 1035900 | 70 08 | 15 448 | 157 861 | 41456.973 | 50708.324 | 33 322 | 34 482 | 24 121 | 1 025 | 14 715 |
| 9/17/2018 22:00 | 1036800 | 70 075 | 15 446 | 157 851 | 41471.094 | 50728.32 | 33 336 | 34 495 | 24 113 | 1 025 | 14 713 |
| 9/17/2018 22:15 | 1037700 | 70 081 | 15 449 | 157 865 | 41424.125 | 50667.309 | 33 292 | 34 454 | 24 141 | 1 025 | 14 716 |
| 9/17/2018 22:30 | 1038600 | 70 061 | 15 448 | 157 819 | 41452.199 | 50702.699 | 33 318 | 34 478 | 24 124 | 1 025 | 14 718 |
| 9/17/2018 22:45 | 1039500 | 70 055 | 15 440 | 157 802 | 41438.652 | 50687.906 | 33 307 | 34 468 | 24 132 | 1 025 | 14 729 |
| 9/17/2018 23:00 | 1040400 | 70 051 | 15 438 | 157 797 | 41453.129 | 50714.922 | 33 326 | 34 486 | 24 124 | 1 025 | 14 722 |
| 9/17/2018 23:15 | 1041300 | 70 057 | 15 443 | 157 811 | 41453.117 | 50709.258 | 33 322 | 34 482 | 24 124 | 1 025 | 14 722 |
| 9/17/2018 23:30 | 1042200 | 70 066 | 15 442 | 157 831 | 41435.934 | 50690.121 | 33 308 | 34 469 | 24 134 | 1 025 | 14 717 |
| 9/17/2018 23:45 | 1043100 | 70 039 | 15 444 | 157 77 | 41426.23 | 50675.211 | 33 297 | 34 459 | 24 139 | 1 025 | 14 717 |
| 9/18/2018 0:00 | 1044000 | 70 046 | 15 437 | 157 786 | 41439.418 | 50699.613 | 33 314 | 34 476 | 24 132 | 1 025 | 14 714 |
| 9/18/2018 0:15 | 1044900 | 70 035 | 15 442 | 157 776 | 41456.332 | 50715.18 | 33 326 | 34 486 | 24 122 | 1 025 | 14 716 |
| 9/18/2018 0:30 | 1045800 | 70 032 | 15 44 | 157 753 | 41410.848 | 50661.73 | 33 287 | 34 45 | 24 148 | 1 025 | 14 714 |
| 9/18/2018 0:45 | 1046700 | 70 025 | 15 436 | 157 738 | 41403.738 | 50657.957 | 33 284 | 34 447 | 24 152 | 1 025 | 14 718 |
| 9/18/2018 1:00 | 1047600 | 70 03 | 15 441 | 157 749 | 41454.281 | 50712.781 | 33 324 | 34 485 | 24 123 | 1 025 | 14 714 |
| 9/18/2018 1:15 | 1048500 | 70 018 | 15 444 | 157 723 | 41487.387 | 50750.773 | 33 353 | 34 511 | 24 104 | 1 025 | 14 719 |
| 9/18/2018 1:30 | 1049400 | 70 045 | 15 448 | 157 783 | 41456.094 | 50706.945 | 33 321 | 34 481 | 24 122 | 1 025 | 14 712 |
| 9/18/2018 1:45 | 1050300 | 70 02 | 15 445 | 157 728 | 41472.208 | 50731.043 | 33 338 | 34 497 | 24 113 | 1 025 | 14 716 |
| 9/18/2018 2:00 | 1051200 | 70 017 | 15 444 | 157 72 | 41454.105 | 50709.215 | 33 322 | 34 482 | 24 123 | 1 025 | 14 711 |
| 9/18/2018 2:15 | 1052100 | 70 018 | 15 443 | 157 723 | 41463.566 | 50721.941 | 33 331 | 34 491 | 24 118 | 1 025 | 14 711 |
| 9/18/2018 2:30 | 1053000 | 70 013 | 15 441 | 157 711 | 41497.461 | 50765.602 | 33 363 | 34 521 | 24 098 | 1 025 | 14 712 |
| 9/18/2018 2:45 | 1053900 | 70 015 | 15 436 | 157 715 | 41496.172 | 50770.414 | 33 366 | 34 524 | 24 099 | 1 025 | 14 713 |
| 9/18/2018 3:00 | 1054800 | 70 014 | 15 441 | 157 712 | 41467.348 | 50729.609 | 33 337 | 34 496 | 24 115 | 1 025 | 14 713 |
| 9/18/2018 3:15 | 1055700 | 70 015 | 15 438 | 157 716 | 41479.458 | 50747.35 | 33 335 | 34 508 | 24 108 | 1 025 | 14 71 |
| 9/18/2018 3:30 | 1056600 | 70 013 | 15 437 | 157 712 | 41447.02 | 50708.914 | 33 321 | 34 482 | 24 127 | 1 025 | 14 709 |
| 9/18/2018 3:45 | 1057500 | 70 009 | 15 442 | 157 702 | 41502.742 | 50770.91 | 33 367 | 34 524 | 24 095 | 1 025 | 14 714 |
| 9/18/2018 4:00 | 1058400 | 70 01 | 15 443 | 157 705 | 41479.324 | 50742.051 | 33 346 | 34 505 | 24 108 | 1 025 | 14 71 |
| 9/18/2018 4:15 | 1059300 | 70 015 | 15 442 | 157 716 | 41484.613 | 50749.363 | 33 351 | 34 51 | 24 105 | 1 025 | 14 71 |
| 9/18/2018 4:30 | 1060200 | 70 031 | 15 436 | 157 753 | 41467.98 | 50735.922 | 33 341 | 34 5 | 24 115 | 1 025 | 14 714 |
| 9/18/2018 4:45 | 1061100 | 70 016 | 15 44 | 157 718 | 41499.535 | 50769.816 | 33 366 | 34 523 | 24 097 | 1 025 | 14 715 |
| 9/18/2018 5:00 | 1062000 | 70 017 | 15 44 | 157 712 | 41496.465 | 50765.146 | 33 347 | 34 521 | 24 098 | 1 025 | 14 724 |
| 9/18/2018 5:15 | 1062900 | 70 012 | 15 447 | 157 709 | 41401.754 | 50752.652 | 33 354 | 34 512 | 24 101 | 1 025 | 14 719 |
| 9/18/2018 5:30 | 1063800 | 70 019 | 15 441 | 157 724 | 41459.184 | 50719.621 | 33 329 | 34 489 | 24 12 | 1 025 | 14 715 |
| 9/18/2018 5:45 | 1064700 | 70 029 | 15 442 | 157 748 | 41489.129 | 50754.371 | 33 355 | 34 513 | 24 103 | 1 025 | 14 71 |
| 9/18/2018 6:00 | 1065600 | 70 024 | 15 447 | 157 735 | 41513.031 | 50778.68 | 33 373 | 34 53 | 24 089 | 1 025 | 14 72 |
| 9/18/2018 6:15 | 1066500 | 70 03 | 15 446 | 157 75 | 41485.059 | 50745.301 | 33 349 | 34 507 | 24 105 | 1 025 | 14 716 |
| 9/18/2018 6:30 | 1067400 | 70 039 | 15 447 | 157 77 | 41515.598 | 50781.609 | 33 375 | 34 531 | 24 087 | 1 025 | 14 724 |
| 9/18/2018 6:45 | 1068300 | 70 047 | 15 449 | 157 789 | 41499.328 | 50759.191 | 33 359 | 34 516 | 24 097 | 1 025 | 14 725 |
| 9/18/2018 7:00 | 1069200 | 70 03 | 15 444 | 157 749 | 41497.469 | 50763.207 | 33 362 | 34 519 | 24 098 | 1 025 | 14 722 |
| 9/18/2018 7:15 | 1070100 | 70 043 | 15 438 | 157 779 | 41483.973 | 50753.391 | 33 354 | 34 512 | 24 106 | 1 025 | 14 717 |
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| 9/18/2018 8:30 | 1074600 | 70 042 | 15 447 | 157 777 | 41477.07 | 50734.484 | 33 341 | 34 499 | 24 11 | 1 025 | 14 724 |
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|-----------------|---------|-------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/19/2018 23:00 | 1213200 | 70124 | 15 45 | 157 961 | 41547.375 | 50816.074 | 33 401 | 34 555 | 24 069 | 1 025 | 14 646 |
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| 9/20/2018 2:00 | 1224000 | 70108 | 15 442 | 157 864 | 41542.297 | 50820.031 | 33 403 | 34 558 | 24 072 | 1 025 | 14 644 |
| 9/20/2018 2:15 | 1224900 | 70075 | 15 441 | 157 85 | 41562.66 | 50845.902 | 33 422 | 34 575 | 24 06 | 1 025 | 14 647 |
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| 9/20/2018 2:45 | 1226700 | 70069 | 15 437 | 157 838 | 41566.375 | 50855.676 | 33 429 | 34 582 | 24 058 | 1 025 | 14 645 |
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| 9/20/2018 3:30 | 1229400 | 70066 | 15 441 | 157 828 | 41518.156 | 50791.145 | 33 382 | 34 538 | 24 056 | 1 025 | 14 645 |
| 9/20/2018 3:45 | 1230300 | 70068 | 15 441 | 157 835 | 41540.582 | 50819.301 | 33 403 | 34 557 | 24 073 | 1 025 | 14 64 |
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| 9/20/2018 5:00 | 1234800 | 70096 | 15 436 | 157 831 | 41601.883 | 50901.391 | 33 446 | 34 612 | 24 037 | 1 025 | 14 638 |
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| 9/20/2018 6:45 | 1241100 | 70078 | 15 449 | 157 857 | 41610.176 | 50894.98 | 33 459 | 34 609 | 24 033 | 1 025 | 14 647 |
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| 9/20/2018 7:45 | 1244700 | 70086 | 15 445 | 157 876 | 41611.551 | 50901.5 | 33 463 | 34 613 | 24 032 | 1 025 | 14 661 |
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| 9/20/2018 8:15 | 1246500 | 70089 | 15 447 | 157 882 | 41571.428 | 50849.914 | 33 426 | 34 578 | 24 055 | 1 025 | 14 663 |
| 9/20/2018 8:30 | 1247400 | 70097 | 15 445 | 157 901 | 41570.066 | 50850.547 | 33 426 | 34 578 | 24 056 | 1 025 | 14 662 |
| 9/20/2018 8:45 | 1248300 | 70088 | 15 449 | 157 881 | 41580.605 | 50858.813 | 33 432 | 34 584 | 24 05 | 1 025 | 14 666 |
| 9/20/2018 9:00 | 1249200 | 70094 | 15 441 | 157 894 | 41551.152 | 50832.02 | 33 412 | 34 566 | 24 067 | 1 025 | 14 665 |
| 9/20/2018 9:15 | 1250100 | 70096 | 15 444 | 157 898 | 41536.02 | 50810.266 | 33 396 | 34 551 | 24 075 | 1 025 | 14 666 |
| 9/20/2018 9:30 | 1251000 | 70102 | 15 448 | 157 911 | 41546.945 | 50818.375 | 33 402 | 34 556 | 24 069 | 1 025 | 14 664 |
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| 9/20/2018 10:30 | 1254600 | 70125 | 15 445 | 157 964 | 41547.875 | 50823.609 | 33 406 | 34 56 | 24 069 | 1 025 | 14 668 |
| 9/20/2018 10:45 | 1255500 | 70099 | 15 445 | 157 906 | 41544.512 | 50819.387 | 33 403 | 34 557 | 24 071 | 1 025 | 14 671 |
| 9/20/2018 11:00 | 1256400 | 70102 | 15 451 | 157 911 | 41520.598 | 50782.59 | 33 376 | 34 532 | 24 084 | 1 025 | 14 669 |
| 9/20/2018 11:15 | 1257300 | 70099 | 15 453 | 157 904 | 41543.801 | 50808.77 | 33 396 | 34 55 | 24 071 | 1 025 | 14 671 |
| 9/20/2018 11:30 | 1258200 | 70125 | 15 451 | 157 964 | 41504.746 | 50763.203 | 33 362 | 34 519 | 24 094 | 1 025 | 14 662 |
| 9/20/2018 11:45 | 1259100 | 70102 | 15 445 | 157 911 | 41495.047 | 50758.453 | 33 358 | 34 516 | 24 099 | 1 025 | 14 665 |
| 9/20/2018 12:00 | 1260000 | 70114 | 15 451 | 157 939 | 41519.523 | 50781.703 | 33 376 | 34 532 | 24 085 | 1 025 | 14 668 |
| 9/20/2018 12:15 | 1260900 | 70098 | 15 444 | 157 902 | 41522.734 | 50793.898 | 33 384 | 34 54 | 24 083 | 1 025 | 14 665 |
| 9/20/2018 12:30 | 1261800 | 70095 | 15 439 | 157 896 | 41522.953 | 50800.152 | 33 388 | 34 544 | 24 083 | 1 025 | 14 669 |
| 9/20/2018 12:45 | 1262700 | 70091 | 15 443 | 157 887 | 41522.594 | 50806.273 | 33 393 | 34 548 | 24 077 | 1 025 | 14 668 |
| 9/20/2018 13:00 | 1263600 | 70085 | 15 446 | 157 874 | 41527.59 | 50796.793 | 33 387 | 34 542 | 24 08 | 1 025 | 14 669 |
| 9/20/2018 13:15 | 1264500 | 70099 | 15 442 | 157 906 | 41519.313 | 50792.121 | 33 383 | 34 539 | 24 085 | 1 025 | 14 669 |
| 9/20/2018 13:30 | 1265400 | 70086 | 15 438 | 157 876 | 41486.844 | 50756.172 | 33 356 | 34 514 | 24 104 | 1 025 | 14 666 |
| 9/20/2018 13:45 | 1266300 | 70081 | 15 443 | 157 865 | 41501.328 | 50768.137 | 33 365 | 34 522 | 24 096 | 1 025 | 14 665 |
| 9/20/2018 14:00 | 1267200 | 70094 | 15 447 | 157 894 | 41522.094 | 50789.645 | 33 381 | 34 537 | 24 084 | 1 025 | 14 661 |
| 9/20/2018 14:15 | 1268100 | 70098 | 15 445 | 157 908 | 41485.852 | 50761.246 | 33 362 | 34 504 | 24 105 | 1 025 | 14 658 |
| 9/20/2018 14:30 | 1269000 | 70097 | 15 443 | 157 901 | 41518.387 | 50789.004 | 33 381 | 34 537 | 24 086 | 1 025 | 14 658 |
| 9/20/2018 14:45 | 1269900 | 70065 | 15 441 | 157 828 | 41510.031 | 50781.926 | 33 375 | 34 532 | 24 091 | 1 025 | 14 664 |
| 9/20/2018 15:00 | 1270800 | 70094 | 15 441 | 157 893 | 41509.957 | 50781.625 | 33 375 | 34 532 | 24 091 | 1 025 | 14 656 |
| 9/20/2018 15:15 | 1271700 | 70071 | 15 442 | 157 843 | 41530.945 | 50806.238 | 33 393 | 34 548 | 24 078 | 1 025 | 14 654 |
| 9/20/2018 15:30 | 1272600 | 70069 | 15 442 | 157 837 | 41529.738 | 50804.566 | 33 392 | 34 547 | 24 079 | 1 025 | 14 653 |
| 9/20/2018 15:45 | 1273500 | 70067 | 15 443 | 157 887 | 41527.953 | 50806.273 | 33 393 | 34 548 | 24 077 | 1 025 | 14 658 |
| 9/20/2018 16:00 | 1274400 | 70082 | 15 438 | 157 867 | 41451.055 | 50712.605 | 33 324 | 34 485 | 24 125 | 1 025 | 14 657 |
| 9/20/2018 16:15 | 1275300 | 70064 | 15 44 | 157 826 | 41513.098 | 50785.992 | 33 378 | 34 534 | 24 089 | 1 025 | 14 656 |
| 9/20/2018 16:30 | 1276200 | 70084 | 15 45 | 157 871 | 41487.125 | 50743.316 | 33 348 | 34 505 | 24 104 | 1 025 | 14 654 |
| 9/20/2018 16:45 | 1277100 | 70087 | 15 449 | 157 877 | 41531.449 | 50798.797 | 33 388 | 34 543 | 24 078 | 1 025 | 14 654 |
| 9/20/2018 17:00 | 1278000 | 70081 | 15 449 | 157 863 | 41501.398 | 50761.41 | 33 361 | 34 518 | 24 096 | 1 025 | 14 656 |
| 9/20/2018 17:15 | 1278900 | 70087 | 15 443 | 157 832 | 41497.882 | 50763.802 | 33 362 | 34 519 | 24 092 | 1 025 | 14 659 |
| 9/20/2018 17:30 | 1279800 | 70071 | 15 446 | 157 841 | 41494.043 | 50756.492 | 33 357 | 34 514 | 24 1 | 1 025 | 14 656 |
| 9/20/2018 17:45 | 1280700 | 70072 | 15 448 | 157 843 | 41502.391 | 50763.684 | 33 362 | 34 519 | 24 095 | 1 025 | 14 654 |
| 9/20/2018 18:00 | 1281600 | 70073 | 15 446 | 157 847 | 41526.168 | 50795.895 | 33 386 | 34 541 | 24 081 | 1 025 | 14 653 |
| 9/20/2018 18:15 | 1282500 | 70091 | 15 446 | 157 887 | 41499.969 | 50763.539 | 33 362 | 34 519 | 24 096 | 1 025 | 14 645 |
| 9/20/2018 18:30 | 1283400 | 70101 | 15 452 | 157 905 | 41537.738 | 50802.82 | 33 391 | 34 546 | 24 074 | 1 025 | 14 666 |
| 9/20/2018 18:45 | 1284300 | 70108 | 15 452 | 157 925 | 41519.031 | 50780.043 | 33 375 | 34 53 | 24 085 | 1 025 | 14 661 |
| 9/20/2018 19:00 | 1285200 | 70116 | 15 455 | 157 942 | 41528.445 | 50787.156 | 33 387 | 34 535 | 24 08 | 1 025 | 14 658 |
| 9/20/2018 19:15 | 1286100 | 70098 | 15 459 | 157 902 | 41541.723 | 50798.469 | 33 389 | 34 543 | 24 072 | | |

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|-----------------|---------|-------|-------|--------|-----------|-----------|-------|--------|--------|-------|--------|
| 9/22/2018 3:45 | 1403100 | 70084 | 15446 | 157872 | 41560.855 | 50837.91 | 33417 | 34.57 | 24.061 | 1.025 | 14.719 |
| 9/22/2018 4:00 | 1404000 | 70085 | 15447 | 157874 | 41572.555 | 50850.434 | 33426 | 34.578 | 24.054 | 1.025 | 14.715 |
| 9/22/2018 4:15 | 1404900 | 7006 | 15447 | 157818 | 41556.926 | 50831.527 | 33412 | 34.565 | 24.063 | 1.025 | 14.719 |
| 9/22/2018 4:30 | 1405800 | 70065 | 15448 | 157829 | 41581.98 | 50861.336 | 33434 | 34.586 | 24.049 | 1.025 | 14.708 |
| 9/22/2018 4:45 | 1406700 | 70053 | 15445 | 157802 | 41601.59 | 50888.68 | 33454 | 34.604 | 24.038 | 1.025 | 14.723 |
| 9/22/2018 5:00 | 1407600 | 70054 | 15447 | 157803 | 41550.281 | 50823.926 | 33406 | 34.56 | 24.067 | 1.025 | 14.718 |
| 9/22/2018 5:15 | 1408500 | 7005 | 15445 | 157795 | 41541.43 | 50855.66 | 33401 | 34.555 | 24.072 | 1.025 | 14.721 |
| 9/22/2018 5:30 | 1409400 | 7005 | 15445 | 157795 | 41539.645 | 50813.008 | 33398 | 34.553 | 24.073 | 1.025 | 14.716 |
| 9/22/2018 5:45 | 1410300 | 70077 | 15445 | 157855 | 41563.715 | 50842.676 | 3342 | 34.573 | 24.059 | 1.025 | 14.715 |
| 9/22/2018 6:00 | 1411200 | 70059 | 15443 | 157814 | 41592.945 | 50881.145 | 33448 | 34.599 | 24.043 | 1.025 | 14.715 |
| 9/22/2018 6:15 | 1412100 | 70059 | 15448 | 157815 | 41586.699 | 50867.629 | 33439 | 34.59 | 24.046 | 1.025 | 14.717 |
| 9/22/2018 6:30 | 1413000 | 70057 | 15448 | 157817 | 41575.762 | 50854.25 | 33429 | 34.581 | 24.052 | 1.025 | 14.72 |
| 9/22/2018 6:45 | 1413900 | 70054 | 15443 | 157802 | 41592.29 | 50877.84 | 33437 | 34.597 | 24.043 | 1.025 | 14.721 |
| 9/22/2018 7:00 | 1414800 | 70059 | 15443 | 157815 | 41577.055 | 50861.504 | 33434 | 34.586 | 24.052 | 1.025 | 14.72 |
| 9/22/2018 7:15 | 1415700 | 70065 | 15437 | 157828 | 41579.949 | 50871.855 | 33441 | 34.593 | 24.05 | 1.025 | 14.717 |
| 9/22/2018 7:30 | 1416600 | 7006 | 15442 | 157816 | 41601.285 | 50891.98 | 33456 | 34.607 | 24.038 | 1.025 | 14.726 |
| 9/22/2018 7:45 | 1417500 | 70066 | 15445 | 157831 | 41542.719 | 50817.094 | 33401 | 34.556 | 24.072 | 1.025 | 14.72 |
| 9/22/2018 8:00 | 1418400 | 70076 | 15443 | 157853 | 41595.516 | 50883.555 | 33445 | 34.601 | 24.041 | 1.025 | 14.721 |
| 9/22/2018 8:15 | 1419300 | 70061 | 15443 | 157805 | 41578.944 | 50832.277 | 33425 | 34.587 | 24.051 | 1.025 | 14.733 |
| 9/22/2018 8:30 | 1420200 | 70085 | 15443 | 157873 | 41571.922 | 50855.324 | 33429 | 34.582 | 24.055 | 1.025 | 14.722 |
| 9/22/2018 8:45 | 1421100 | 70081 | 15447 | 157864 | 41568.121 | 50845.223 | 33422 | 34.575 | 24.057 | 1.025 | 14.725 |
| 9/22/2018 9:00 | 1422000 | 70111 | 15442 | 157931 | 41560.859 | 50842.23 | 3342 | 34.573 | 24.061 | 1.025 | 14.726 |
| 9/22/2018 9:15 | 1422900 | 70085 | 15438 | 157873 | 41540.07 | 50821.289 | 33404 | 34.558 | 24.073 | 1.025 | 14.728 |
| 9/22/2018 9:30 | 1423800 | 70086 | 15451 | 157876 | 41599.84 | 50879.293 | 33447 | 34.598 | 24.039 | 1.025 | 14.732 |
| 9/22/2018 9:45 | 1424700 | 7011 | 15452 | 157896 | 41605.219 | 50884.938 | 33452 | 34.602 | 24.035 | 1.025 | 14.73 |
| 9/22/2018 10:00 | 1425600 | 70104 | 15457 | 157916 | 41577.27 | 50844.559 | 33422 | 34.574 | 24.052 | 1.025 | 14.735 |
| 9/22/2018 10:15 | 1426500 | 70108 | 15451 | 157925 | 41582.621 | 50858.648 | 33432 | 34.584 | 24.049 | 1.025 | 14.736 |
| 9/22/2018 10:30 | 1427400 | 70099 | 15453 | 157906 | 41576.398 | 50848.215 | 33425 | 34.577 | 24.052 | 1.025 | 14.732 |
| 9/22/2018 10:45 | 1428300 | 7009 | 15459 | 157885 | 41591.969 | 50859.914 | 33434 | 34.585 | 24.043 | 1.025 | 14.737 |
| 9/22/2018 11:00 | 1429200 | 70116 | 15457 | 157944 | 41573.191 | 50839.57 | 33419 | 34.571 | 24.054 | 1.025 | 14.732 |
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| 9/22/2018 11:45 | 1431900 | 70099 | 15459 | 157904 | 41633.332 | 50911.535 | 33472 | 34.62 | 24.019 | 1.025 | 14.733 |
| 9/22/2018 12:00 | 1432800 | 70118 | 15446 | 157947 | 41592.27 | 50860.055 | 33434 | 34.585 | 24.043 | 1.025 | 14.731 |
| 9/22/2018 12:15 | 1433700 | 70123 | 15446 | 157959 | 41577.637 | 50858.645 | 33432 | 34.584 | 24.051 | 1.025 | 14.732 |
| 9/22/2018 12:30 | 1434600 | 70096 | 15448 | 157899 | 41592.758 | 50874.938 | 33444 | 34.595 | 24.043 | 1.025 | 14.734 |
| 9/22/2018 12:45 | 1435500 | 70109 | 15453 | 157928 | 41575.328 | 50847.02 | 33424 | 34.576 | 24.053 | 1.025 | 14.733 |
| 9/22/2018 13:00 | 1436400 | 70105 | 15454 | 157918 | 41559.785 | 50826.43 | 33409 | 34.562 | 24.062 | 1.025 | 14.722 |
| 9/22/2018 13:15 | 1437300 | 7009 | 15456 | 157886 | 41594.555 | 50866.945 | 33439 | 34.59 | 24.042 | 1.025 | 14.73 |
| 9/22/2018 13:30 | 1438200 | 70094 | 15451 | 157893 | 41575.348 | 50849.555 | 33426 | 34.578 | 24.053 | 1.025 | 14.726 |
| 9/22/2018 13:45 | 1439100 | 70113 | 15446 | 157936 | 41562.934 | 50840.66 | 33419 | 34.572 | 24.06 | 1.025 | 14.721 |
| 9/22/2018 14:00 | 1440000 | 70095 | 15441 | 157895 | 41553.418 | 50834.168 | 33414 | 34.567 | 24.065 | 1.025 | 14.721 |
| 9/22/2018 14:15 | 1440900 | 70089 | 15447 | 157882 | 41560.844 | 50836.738 | 33416 | 34.569 | 24.061 | 1.025 | 14.717 |
| 9/22/2018 14:30 | 1441800 | 70106 | 15451 | 157921 | 41566.703 | 50845.428 | 33409 | 34.562 | 24.064 | 1.025 | 14.716 |
| 9/22/2018 14:45 | 1442700 | 70082 | 15452 | 157867 | 41549.434 | 50816.176 | 33401 | 34.555 | 24.068 | 1.025 | 14.715 |
| 9/22/2018 15:00 | 1443600 | 70105 | 15446 | 157918 | 41570.719 | 50850.391 | 33426 | 34.578 | 24.055 | 1.025 | 14.714 |
| 9/22/2018 15:15 | 1444500 | 70083 | 15443 | 157869 | 41566.211 | 50848.238 | 33424 | 34.577 | 24.058 | 1.025 | 14.713 |
| 9/22/2018 15:30 | 1445400 | 70097 | 15453 | 157901 | 41573.914 | 50845.918 | 33423 | 34.575 | 24.054 | 1.025 | 14.712 |
| 9/22/2018 15:45 | 1446300 | 70092 | 15455 | 157888 | 41570.25 | 50839.016 | 33418 | 34.571 | 24.056 | 1.025 | 14.711 |
| 9/22/2018 16:00 | 1447200 | 70079 | 15447 | 15786 | 41576.84 | 50855.887 | 3343 | 34.582 | 24.052 | 1.025 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 70077 | 15443 | 157855 | 41535.723 | 50810.309 | 33396 | 34.551 | 24.076 | 1.025 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 70068 | 1545 | 157835 | 41573.699 | 50849.109 | 33425 | 34.577 | 24.054 | 1.025 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 70087 | 15451 | 157877 | 41550.492 | 50819.152 | 33403 | 34.557 | 24.067 | 1.025 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 70074 | 15445 | 157848 | 41577.645 | 50858.98 | 33432 | 34.584 | 24.051 | 1.025 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 70076 | 15449 | 157852 | 41560.324 | 50833.484 | 33414 | 34.567 | 24.061 | 1.025 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 70073 | 15448 | 157846 | 41561.41 | 50836.07 | 33415 | 34.569 | 24.061 | 1.025 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 70096 | 15451 | 157898 | 41583.621 | 50859.773 | 33433 | 34.585 | 24.048 | 1.025 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 70088 | 15453 | 157879 | 41568.98 | 50839.457 | 33418 | 34.571 | 24.056 | 1.025 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 70101 | 15456 | 15791 | 41571.477 | 50839.258 | 33418 | 34.571 | 24.055 | 1.025 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 701 | 15454 | 157907 | 41576.055 | 50847.059 | 33424 | 34.576 | 24.052 | 1.025 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 70089 | 15445 | 157882 | 41586.652 | 50870.836 | 33441 | 34.592 | 24.046 | 1.025 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 70091 | 15448 | 157886 | 41580.21 | 50862.801 | 33437 | 34.607 | 24.037 | 1.025 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 70088 | 15454 | 157881 | 41578.477 | 50849.91 | 33426 | 34.578 | 24.051 | 1.025 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 70109 | 15459 | 157927 | 41604.152 | 50874.91 | 33445 | 34.595 | 24.036 | 1.025 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 70105 | 15449 | 157919 | 41574.547 | 50850.668 | 33426 | 34.578 | 24.053 | 1.025 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 701 | 15452 | 157908 | 41588.418 | 50864.07 | 33436 | 34.588 | 24.045 | 1.025 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 70127 | 15457 | 157969 | 41604.125 | 50877.398 | 33447 | 34.597 | 24.036 | 1.025 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 70109 | 15448 | 157927 | 41593.199 | 50862.355 | 33445 | 34.6 | 24.037 | 1.025 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 70109 | 15449 | 157927 | 41593.199 | 50873.59 | 33443 | 34.594 | 24.042 | 1.025 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 70138 | 15456 | 157992 | 41617.426 | 50894.914 | 33459 | 34.609 | 24.028 | 1.025 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 70121 | 15459 | 157954 | 41590.68 | 50858.875 | 33433 | 34.584 | 24.044 | 1.025 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 70121 | 15455 | 157955 | 41585.48 | 50857.742 | 33432 | 34.583 | 24.043 | 1.025 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 70135 | 15452 | 157986 | 41583.547 | 50858.848 | 33432 | 34.584 | 24.048 | 1.025 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 70155 | 15458 | 158013 | 41605.613 | 50905.613 | 33467 | 34.616 | 24.016 | 1.025 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 70152 | 15459 | 158025 | 41642.156 | 50921.285 | 33479 | 34.626 | 24.014 | 1.025 | 14.694 |
| 9/22/2018 22:30 | 1470600 | 70156 | 15461 | 158034 | 41633.43 | 50909.242 | 33447 | 34.618 | 24.019 | 1.025 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 70133 | 15455 | 15798 | 41594.461 | 50868.625 | 3344 | 34.591 | 24.042 | 1.025 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 7014 | 15455 | 157997 | 41616.926 | 50895.156 | 33459 | 34.609 | 24.029 | 1.025 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 70144 | 15451 | 158006 | 41622.156 | 50906.387 | 33467 | 34.616 | 24.026 | 1.025 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 70116 | 15451 | 158042 | 41592.559 | 50870.289 | 33441 | 34.592 | 24.043 | 1.025 | 14.691 |
| 9/22/2018 23:45 | 1475100 | 70158 | 15452 | 158038 | 41599.121 | 50877.688 | 33446 | 34.607 | 24.027 | 1.025 | 14.694 |
| 9/23/2018 0:00 | 1476000 | 70135 | 1545 | 157987 | 41588.102 | 50866.727 | 33438 | 34.589 | 24.045 | 1.025 | 14.695 |
| 9/23/2018 0:15 | 1476900 | 70134 | 15447 | 157983 | 41587.898 | 50870.137 | 3344 | 34.592 | 24.045 | 1.025 | 14.697 |
| 9/23/2018 0:30 | 1477800 | 70132 | 15443 | 157979 | 41589.188 | | | | | | |

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|-----------------|---------|-------|-------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/24/2018 8:30 | 1593000 | 70142 | 15444 | 158.002 | 41645.5 | 50944.289 | 33.495 | 34.642 | 24.012 | 1.025 | 14.671 |
| 9/24/2018 8:45 | 1593900 | 70135 | 15447 | 157.986 | 41613.676 | 50901.359 | 33.463 | 34.613 | 24.031 | 1.025 | 14.664 |
| 9/24/2018 9:00 | 1594800 | 70144 | 15441 | 158.007 | 41663.84 | 50970.309 | 33.513 | 34.66 | 24.002 | 1.025 | 14.675 |
| 9/24/2018 9:15 | 1595700 | 70129 | 15442 | 157.972 | 41641.328 | 50941.18 | 33.492 | 34.64 | 24.015 | 1.025 | 14.675 |
| 9/24/2018 9:30 | 1596600 | 70135 | 15443 | 157.987 | 41622.652 | 50916.863 | 33.474 | 34.623 | 24.025 | 1.025 | 14.675 |
| 9/24/2018 9:45 | 1597500 | 70135 | 15446 | 157.986 | 41636.824 | 50930.211 | 33.484 | 34.633 | 24.017 | 1.025 | 14.681 |
| 9/24/2018 10:00 | 1598400 | 70139 | 15446 | 157.996 | 41652 | 50949.988 | 33.499 | 34.646 | 24.008 | 1.025 | 14.682 |
| 9/24/2018 10:15 | 1599300 | 70143 | 15439 | 158.004 | 41624.609 | 50923.785 | 33.479 | 34.628 | 24.024 | 1.025 | 14.682 |
| 9/24/2018 10:30 | 1600200 | 70147 | 15447 | 158.012 | 41647.164 | 50942.016 | 33.493 | 34.641 | 24.011 | 1.025 | 14.681 |
| 9/24/2018 10:45 | 1601100 | 70148 | 15451 | 158.015 | 41633.977 | 50920.844 | 33.478 | 34.626 | 24.019 | 1.025 | 14.681 |
| 9/24/2018 11:00 | 1602000 | 70161 | 15451 | 158.043 | 41626.621 | 50912.793 | 33.472 | 34.621 | 24.023 | 1.025 | 14.689 |
| 9/24/2018 11:15 | 1602900 | 70154 | 15448 | 158.028 | 41622.512 | 50910.805 | 33.47 | 34.619 | 24.025 | 1.025 | 14.681 |
| 9/24/2018 11:30 | 1603800 | 70175 | 15451 | 158.071 | 41658.071 | 50916.68 | 33.475 | 34.623 | 24.021 | 1.025 | 14.675 |
| 9/24/2018 11:45 | 1604700 | 70154 | 15443 | 158.029 | 41606.684 | 50897.523 | 33.46 | 34.61 | 24.035 | 1.025 | 14.68 |
| 9/24/2018 12:00 | 1605600 | 70175 | 15446 | 158.076 | 41584.371 | 50866.883 | 33.438 | 34.589 | 24.047 | 1.025 | 14.68 |
| 9/24/2018 12:15 | 1606500 | 70152 | 1545 | 158.024 | 41609.035 | 50891.809 | 33.457 | 34.606 | 24.033 | 1.025 | 14.682 |
| 9/24/2018 12:30 | 1607400 | 70147 | 15453 | 158.014 | 41649.773 | 50938.477 | 33.491 | 34.638 | 24.01 | 1.025 | 14.684 |
| 9/24/2018 12:45 | 1608300 | 70148 | 15446 | 158.014 | 41629.137 | 50921.641 | 33.478 | 34.627 | 24.022 | 1.025 | 14.683 |
| 9/24/2018 13:00 | 1609200 | 70152 | 15446 | 158.022 | 41637.982 | 50922.668 | 33.483 | 34.634 | 24.016 | 1.025 | 14.677 |
| 9/24/2018 13:15 | 1610100 | 70171 | 15451 | 158.068 | 41601.664 | 50882.367 | 33.45 | 34.6 | 24.038 | 1.025 | 14.671 |
| 9/24/2018 13:30 | 1611000 | 70147 | 1545 | 158.013 | 41621.613 | 50907.93 | 33.468 | 34.617 | 24.026 | 1.025 | 14.677 |
| 9/24/2018 13:45 | 1611900 | 70134 | 15453 | 157.984 | 41618.922 | 50900.746 | 33.463 | 34.613 | 24.028 | 1.025 | 14.672 |
| 9/24/2018 14:00 | 1612800 | 70158 | 15446 | 158.037 | 41619.348 | 50908.832 | 33.469 | 34.618 | 24.027 | 1.025 | 14.678 |
| 9/24/2018 14:15 | 1613700 | 70133 | 15447 | 157.981 | 41639.414 | 50932.754 | 33.486 | 34.634 | 24.016 | 1.025 | 14.676 |
| 9/24/2018 14:30 | 1614600 | 70145 | 15444 | 158.009 | 41577.035 | 50860.212 | 33.433 | 34.585 | 24.052 | 1.025 | 14.675 |
| 9/24/2018 14:45 | 1615500 | 70128 | 15446 | 157.97 | 41615.949 | 50905.41 | 33.466 | 34.616 | 24.029 | 1.025 | 14.668 |
| 9/24/2018 15:00 | 1616400 | 70117 | 15443 | 157.944 | 41601.742 | 50891.805 | 33.456 | 34.606 | 24.037 | 1.025 | 14.673 |
| 9/24/2018 15:15 | 1617300 | 70122 | 15443 | 157.957 | 41599.82 | 50888.93 | 33.454 | 34.604 | 24.039 | 1.025 | 14.669 |
| 9/24/2018 15:30 | 1618200 | 70119 | 15444 | 157.949 | 41586.77 | 50872.121 | 33.442 | 34.593 | 24.046 | 1.025 | 14.665 |
| 9/24/2018 15:45 | 1619100 | 70104 | 15446 | 157.917 | 41599.609 | 50887.203 | 33.453 | 34.603 | 24.039 | 1.025 | 14.67 |
| 9/24/2018 16:00 | 1620000 | 70194 | 15446 | 157.894 | 41599.758 | 50885.07 | 33.451 | 34.602 | 24.039 | 1.025 | 14.674 |
| 9/24/2018 16:15 | 1620900 | 70104 | 15437 | 157.915 | 41593.613 | 50888.574 | 33.453 | 34.604 | 24.042 | 1.025 | 14.669 |
| 9/24/2018 16:30 | 1621800 | 70088 | 15438 | 157.881 | 41588.348 | 50881.309 | 33.448 | 34.599 | 24.045 | 1.025 | 14.673 |
| 9/24/2018 16:45 | 1622700 | 70088 | 15437 | 157.88 | 41599.582 | 50895.996 | 33.459 | 34.609 | 24.039 | 1.025 | 14.668 |
| 9/24/2018 17:00 | 1623600 | 70084 | 15442 | 157.871 | 41630.457 | 50927.777 | 33.482 | 34.631 | 24.021 | 1.025 | 14.665 |
| 9/24/2018 17:15 | 1624500 | 70089 | 15446 | 157.882 | 41602.434 | 50888.977 | 33.454 | 34.605 | 24.037 | 1.025 | 14.662 |
| 9/24/2018 17:30 | 1625400 | 70079 | 15449 | 157.86 | 41604.406 | 50887.09 | 33.463 | 34.609 | 24.036 | 1.025 | 14.668 |
| 9/24/2018 17:45 | 1626300 | 70094 | 15437 | 157.894 | 41599.91 | 50896.605 | 33.459 | 34.61 | 24.039 | 1.025 | 14.667 |
| 9/24/2018 18:00 | 1627200 | 70078 | 15443 | 157.857 | 41590.258 | 50876.813 | 33.445 | 34.596 | 24.044 | 1.025 | 14.666 |
| 9/24/2018 18:15 | 1628100 | 70073 | 15446 | 157.846 | 41597.168 | 50882.438 | 33.449 | 34.6 | 24.04 | 1.025 | 14.667 |
| 9/24/2018 18:30 | 1629000 | 70087 | 15446 | 157.878 | 41634.238 | 50927.355 | 33.482 | 34.631 | 24.019 | 1.025 | 14.668 |
| 9/24/2018 18:45 | 1629900 | 70071 | 15447 | 157.841 | 41614.898 | 50903.164 | 33.465 | 34.614 | 24.03 | 1.025 | 14.665 |
| 9/24/2018 19:00 | 1630800 | 70068 | 15447 | 157.835 | 41622.836 | 50921.992 | 33.472 | 34.621 | 24.025 | 1.025 | 14.668 |
| 9/24/2018 19:15 | 1631700 | 70077 | 15447 | 157.852 | 41625.367 | 50896.276 | 33.46 | 34.615 | 24.035 | 1.025 | 14.671 |
| 9/24/2018 19:30 | 1632600 | 70087 | 15439 | 157.877 | 41579.543 | 50919.168 | 33.439 | 34.591 | 24.05 | 1.025 | 14.666 |
| 9/24/2018 19:45 | 1633500 | 70079 | 15443 | 157.86 | 41591.781 | 50878.676 | 33.446 | 34.597 | 24.043 | 1.025 | 14.668 |
| 9/24/2018 20:00 | 1634400 | 70083 | 15447 | 157.868 | 41640.039 | 50934.035 | 33.487 | 34.635 | 24.015 | 1.025 | 14.67 |
| 9/24/2018 20:15 | 1635300 | 70088 | 1545 | 157.88 | 41649.941 | 50941.523 | 33.493 | 34.64 | 24.01 | 1.025 | 14.671 |
| 9/24/2018 20:30 | 1636200 | 70091 | 15451 | 157.887 | 41629.609 | 50916.445 | 33.475 | 34.623 | 24.021 | 1.025 | 14.67 |
| 9/24/2018 20:45 | 1637100 | 70088 | 15447 | 157.879 | 41635.32 | 50927.941 | 33.483 | 34.631 | 24.018 | 1.025 | 14.681 |
| 9/24/2018 21:00 | 1638000 | 70101 | 15444 | 157.91 | 41650.336 | 50950.207 | 33.499 | 34.646 | 24.009 | 1.025 | 14.675 |
| 9/24/2018 21:15 | 1638900 | 70097 | 15447 | 157.9 | 41635.516 | 50928.5 | 33.483 | 34.631 | 24.018 | 1.025 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 70127 | 15448 | 157.968 | 41616.578 | 50904.176 | 33.465 | 34.615 | 24.029 | 1.025 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 7011 | 1545 | 157.929 | 41644.465 | 50935.242 | 33.488 | 34.636 | 24.013 | 1.025 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 70137 | 1545 | 157.991 | 41626.633 | 50913.332 | 33.472 | 34.621 | 24.023 | 1.025 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 70112 | 15445 | 157.952 | 41633.781 | 50927.73 | 33.483 | 34.631 | 24.019 | 1.025 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 70143 | 15451 | 158.004 | 41673.297 | 50969.035 | 33.513 | 34.659 | 23.996 | 1.025 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 70129 | 15453 | 157.972 | 41673.863 | 50967.938 | 33.513 | 34.658 | 23.996 | 1.025 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 70134 | 15449 | 157.983 | 41641.359 | 50932.496 | 33.486 | 34.634 | 24.015 | 1.025 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 70138 | 15444 | 157.992 | 41637.793 | 50933.793 | 33.487 | 34.635 | 24.017 | 1.025 | 14.689 |
| 9/24/2018 23:30 | 1647000 | 70155 | 1545 | 158.031 | 41633.063 | 50921.719 | 33.479 | 34.627 | 24.019 | 1.025 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 70146 | 15446 | 158.056 | 41547.02 | 50899.38 | 33.427 | 34.599 | 24.011 | 1.025 | 14.681 |
| 9/25/2018 00:00 | 1648800 | 70146 | 15454 | 158.01 | 41669.141 | 50960.793 | 33.508 | 34.653 | 23.999 | 1.025 | 14.688 |
| 9/25/2018 00:15 | 1649700 | 7015 | 15453 | 158.02 | 41656.074 | 50946.5 | 33.497 | 34.644 | 24.006 | 1.025 | 14.689 |
| 9/25/2018 00:30 | 1650600 | 7017 | 15447 | 158.066 | 41631.848 | 50923.895 | 33.48 | 34.628 | 24.02 | 1.025 | 14.688 |
| 9/25/2018 00:45 | 1651500 | 70153 | 15451 | 158.026 | 41675.887 | 50973.047 | 33.516 | 34.662 | 23.995 | 1.025 | 14.686 |
| 9/25/2018 01:00 | 1652400 | 70145 | 15452 | 158.009 | 41668.926 | 50962.32 | 33.509 | 34.654 | 23.999 | 1.025 | 14.691 |
| 9/25/2018 01:15 | 1653300 | 70138 | 15445 | 157.992 | 41635.508 | 50935.48 | 33.483 | 34.636 | 24.012 | 1.025 | 14.686 |
| 9/25/2018 01:30 | 1654200 | 70169 | 15455 | 158.062 | 41673.418 | 50965.188 | 33.511 | 34.656 | 23.996 | 1.025 | 14.688 |
| 9/25/2018 01:45 | 1655100 | 70167 | 15452 | 158.058 | 41672.988 | 50968.34 | 33.513 | 34.658 | 23.996 | 1.025 | 14.69 |
| 9/25/2018 2:00 | 1656000 | 70161 | 15444 | 158.044 | 41643.297 | 50940.742 | 33.492 | 34.64 | 24.013 | 1.025 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 70161 | 15448 | 158.044 | 41637.418 | 50929.145 | 33.484 | 34.632 | 24.017 | 1.025 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 7014 | 15445 | 157.998 | 41649.027 | 50947.441 | 33.497 | 34.644 | 24.01 | 1.025 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 70129 | 15445 | 157.971 | 41660.5 | 50962.004 | 33.504 | 34.654 | 24.002 | 1.025 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 70127 | 15442 | 157.969 | 41652.508 | 50955.172 | 33.502 | 34.65 | 24.008 | 1.025 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 70146 | 15448 | 158.011 | 41627.695 | 50916.621 | 33.475 | 34.623 | 24.022 | 1.025 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 70141 | 15448 | 158 | 41622.695 | 50911.559 | 33.471 | 34.62 | 24.025 | 1.025 | 14.686 |
| 9/25/2018 3:45 | 1662300 | 70119 | 15447 | 157.949 | 41635.852 | 50928.07 | 33.483 | 34.631 | 24.018 | 1.025 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 70131 | 1545 | 157.977 | 41653.992 | 50947.211 | 33.497 | 34.644 | 24.007 | 1.025 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 70117 | 15447 | 157.945 | 41666.367 | 50977.816 | 33.519 | 34.665 | 24 | 1.025 | 14.687 |
| 9/25/2018 4:30 | 1665000 | 70106 | 15437 | 157.921 | 41655.141 | 50963.754 | 33.507 | 34.655 | 24.017 | 1.025 | 14.688 |
| 9/25/2018 4:45 | 1665900 | 701 | 15439 | 157.908 | 41612.27 | 50908.992 | 33.468 | 34.618 | 24.031 | 1.025 | 14.685 |
| 9/25/2018 5:00 | 1666800 | 70104 | 15443 | 157.915 | 41641.148 | | | | | | |

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|-----------------|---------|-------|-------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/26/2018 13:15 | 1782900 | 70148 | 15 45 | 158.014 | 41596.527 | 50876.512 | 33.445 | 34.596 | 24.04 | 1.025 | 14.723 |
| 9/26/2018 13:30 | 1783800 | 70 14 | 15 45 | 157.996 | 41638.824 | 50918.57 | 33.477 | 34.625 | 24.016 | 1.025 | 14.73 |
| 9/26/2018 13:45 | 1784700 | 70158 | 15 46 | 158.038 | 41670.594 | 50954.789 | 33.504 | 34.649 | 23.998 | 1.025 | 14.724 |
| 9/26/2018 14:00 | 1785600 | 70155 | 15 45 | 158.032 | 41651.254 | 50932.609 | 33.487 | 34.634 | 24.009 | 1.025 | 14.73 |
| 9/26/2018 14:15 | 1786500 | 70141 | 15 45 | 158 | 41658.934 | 50946.531 | 33.497 | 34.644 | 24.004 | 1.025 | 14.724 |
| 9/26/2018 14:30 | 1787400 | 7016 | 15 45 | 158.041 | 41668.82 | 50957.148 | 33.505 | 34.651 | 23.999 | 1.025 | 14.724 |
| 9/26/2018 14:45 | 1788300 | 70135 | 15 45 | 157.987 | 41648.063 | 50933.822 | 33.486 | 34.633 | 24.011 | 1.025 | 14.722 |
| 9/26/2018 15:00 | 1789200 | 70141 | 15 45 | 157.999 | 41642.559 | 50926.402 | 33.482 | 34.63 | 24.014 | 1.025 | 14.719 |
| 9/26/2018 15:15 | 1790100 | 70149 | 15 45 | 158.018 | 41677.395 | 50968.473 | 33.513 | 34.659 | 23.994 | 1.025 | 14.722 |
| 9/26/2018 15:30 | 1791000 | 70139 | 15 45 | 157.994 | 41648.609 | 50937.887 | 33.491 | 34.638 | 24.01 | 1.025 | 14.716 |
| 9/26/2018 15:45 | 1791900 | 70134 | 15 44 | 157.984 | 41604.535 | 50897.852 | 33.46 | 34.611 | 24.036 | 1.025 | 14.724 |
| 9/26/2018 16:00 | 1792800 | 70126 | 15 44 | 157.966 | 41630.492 | 50928.238 | 33.483 | 34.631 | 24.021 | 1.025 | 14.723 |
| 9/26/2018 16:15 | 1793700 | 70123 | 15 44 | 157.967 | 41678.277 | 50980.809 | 33.522 | 34.667 | 23.993 | 1.025 | 14.723 |
| 9/26/2018 16:30 | 1794600 | 70119 | 15 44 | 157.951 | 41641.859 | 50943.301 | 33.494 | 34.641 | 24.014 | 1.025 | 14.721 |
| 9/26/2018 16:45 | 1795500 | 7012 | 15 44 | 157.953 | 41622.277 | 50966.594 | 33.511 | 34.657 | 24.003 | 1.025 | 14.717 |
| 9/26/2018 17:00 | 1796400 | 70134 | 15 44 | 157.985 | 41643.645 | 50938.445 | 33.491 | 34.638 | 24.013 | 1.025 | 14.72 |
| 9/26/2018 17:15 | 1797300 | 70116 | 15 44 | 157.943 | 41646.016 | 50944.922 | 33.495 | 34.643 | 24.012 | 1.025 | 14.718 |
| 9/26/2018 17:30 | 1798200 | 70126 | 15 44 | 157.966 | 41687.371 | 50988.977 | 33.528 | 34.673 | 23.988 | 1.025 | 14.724 |
| 9/26/2018 17:45 | 1799100 | 70121 | 15 44 | 157.954 | 41669.67 | 50964.746 | 33.51 | 34.656 | 23.996 | 1.025 | 14.725 |
| 9/26/2018 18:00 | 1800000 | 70096 | 15 45 | 157.899 | 41657.215 | 50948.949 | 33.499 | 34.645 | 24.005 | 1.025 | 14.727 |
| 9/26/2018 18:15 | 1800900 | 70109 | 15 44 | 157.927 | 41618.551 | 50908.902 | 33.469 | 34.618 | 24.028 | 1.025 | 14.725 |
| 9/26/2018 18:30 | 1801800 | 70094 | 15 44 | 157.893 | 41633.031 | 50926.504 | 33.482 | 34.63 | 24.019 | 1.025 | 14.722 |
| 9/26/2018 18:45 | 1802700 | 70085 | 15 44 | 157.873 | 41633.016 | 50929.426 | 33.484 | 34.632 | 24.019 | 1.025 | 14.728 |
| 9/26/2018 19:00 | 1803600 | 70087 | 15 44 | 157.877 | 41629.438 | 50926.84 | 33.482 | 34.63 | 24.021 | 1.025 | 14.727 |
| 9/26/2018 19:15 | 1804500 | 70082 | 15 44 | 157.867 | 41669.88 | 50948.98 | 33.512 | 34.659 | 24.002 | 1.025 | 14.73 |
| 9/26/2018 19:30 | 1805400 | 70088 | 15 44 | 157.881 | 41645.09 | 50946.742 | 33.496 | 34.644 | 24.012 | 1.025 | 14.723 |
| 9/26/2018 19:45 | 1806300 | 70093 | 15 44 | 157.892 | 41643.352 | 50943.75 | 33.494 | 34.642 | 24.013 | 1.025 | 14.718 |
| 9/26/2018 20:00 | 1807200 | 70088 | 15 44 | 157.88 | 41693.766 | 50999.633 | 33.535 | 34.68 | 23.984 | 1.025 | 14.72 |
| 9/26/2018 20:15 | 1808100 | 70092 | 15 45 | 157.888 | 41657.754 | 50956.973 | 33.504 | 34.651 | 24.005 | 1.025 | 14.719 |
| 9/26/2018 20:30 | 1809000 | 70087 | 15 44 | 157.877 | 41648.176 | 50945.566 | 33.496 | 34.643 | 24.011 | 1.025 | 14.724 |
| 9/26/2018 20:45 | 1809900 | 70108 | 15 44 | 157.925 | 41669.598 | 50971.32 | 33.515 | 34.661 | 23.998 | 1.025 | 14.723 |
| 9/26/2018 21:00 | 1810800 | 70113 | 15 44 | 157.937 | 41639.719 | 50932.586 | 33.486 | 34.634 | 24.016 | 1.025 | 14.722 |
| 9/26/2018 21:15 | 1811700 | 70095 | 15 44 | 157.897 | 41686.008 | 50992.473 | 33.53 | 34.675 | 23.989 | 1.025 | 14.72 |
| 9/26/2018 21:30 | 1812600 | 70095 | 15 44 | 157.897 | 41662.895 | 50961.043 | 33.507 | 34.654 | 24.002 | 1.025 | 14.719 |
| 9/26/2018 21:45 | 1813500 | 70096 | 15 43 | 157.897 | 41663.461 | 50954.691 | 33.503 | 34.649 | 24.002 | 1.025 | 14.724 |
| 9/26/2018 22:00 | 1814400 | 70103 | 15 44 | 157.914 | 41655.973 | 50951.211 | 33.5 | 34.647 | 24.006 | 1.025 | 14.722 |
| 9/26/2018 22:15 | 1815300 | 70102 | 15 44 | 157.978 | 41681.383 | 50983.441 | 33.524 | 34.669 | 23.987 | 1.025 | 14.714 |
| 9/26/2018 22:30 | 1816200 | 70122 | 15 44 | 157.956 | 41658.051 | 50955.332 | 33.503 | 34.65 | 24.005 | 1.025 | 14.725 |
| 9/26/2018 22:45 | 1817100 | 70128 | 15 44 | 157.97 | 41648.777 | 50942.934 | 33.494 | 34.641 | 24.01 | 1.025 | 14.721 |
| 9/26/2018 23:00 | 1818000 | 70128 | 15 45 | 157.97 | 41657.582 | 50949.289 | 33.499 | 34.646 | 24.005 | 1.025 | 14.724 |
| 9/26/2018 23:15 | 1818900 | 70113 | 15 45 | 157.936 | 41682.234 | 50979.75 | 33.521 | 34.666 | 23.991 | 1.025 | 14.724 |
| 9/26/2018 23:30 | 1819800 | 70122 | 15 45 | 157.957 | 41669.977 | 50964.02 | 33.51 | 34.656 | 23.998 | 1.025 | 14.719 |
| 9/26/2018 23:45 | 1820700 | 70142 | 15 45 | 158.003 | 41657.367 | 50946.191 | 33.497 | 34.643 | 24.005 | 1.025 | 14.719 |
| 9/27/2018 0:00 | 1821600 | 70118 | 15 44 | 157.948 | 41688.723 | 50982.434 | 33.524 | 34.668 | 23.987 | 1.025 | 14.724 |
| 9/27/2018 0:15 | 1822500 | 70151 | 15 45 | 158.022 | 41673.238 | 50963.168 | 33.509 | 34.655 | 23.996 | 1.025 | 14.714 |
| 9/27/2018 0:30 | 1823400 | 70154 | 15 45 | 158.029 | 41695.516 | 50987.168 | 33.527 | 34.671 | 23.983 | 1.025 | 14.715 |
| 9/27/2018 0:45 | 1824300 | 70157 | 15 45 | 158.035 | 41673.84 | 50961.711 | 33.509 | 34.654 | 23.996 | 1.025 | 14.715 |
| 9/27/2018 1:00 | 1825200 | 70154 | 15 45 | 158.029 | 41661.988 | 50952.156 | 33.501 | 34.647 | 24.003 | 1.025 | 14.715 |
| 9/27/2018 1:15 | 1826100 | 70154 | 15 45 | 158.029 | 41665.395 | 50959.578 | 33.506 | 34.653 | 24.001 | 1.025 | 14.715 |
| 9/27/2018 1:30 | 1827000 | 70137 | 15 45 | 157.999 | 41696.758 | 50990.996 | 33.53 | 34.674 | 23.983 | 1.025 | 14.714 |
| 9/27/2018 1:45 | 1827900 | 70167 | 15 45 | 158.058 | 41651.66 | 50936.699 | 33.49 | 34.637 | 24.009 | 1.025 | 14.707 |
| 9/27/2018 2:00 | 1828800 | 70141 | 15 45 | 158 | 41669.738 | 50959.953 | 33.507 | 34.653 | 23.998 | 1.025 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 70143 | 15 45 | 158.003 | 41682.496 | 50975.246 | 33.518 | 34.663 | 23.991 | 1.025 | 14.705 |
| 9/27/2018 2:30 | 1830600 | 70145 | 15 45 | 158.008 | 41677.289 | 50972.348 | 33.516 | 34.661 | 23.994 | 1.025 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 70138 | 15 44 | 157.993 | 41701.336 | 51010.164 | 33.543 | 34.687 | 23.98 | 1.025 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 70138 | 15 44 | 157.993 | 41659.977 | 50962 | 33.508 | 34.654 | 24.004 | 1.025 | 14.706 |
| 9/27/2018 3:15 | 1833300 | 70156 | 15 44 | 158.033 | 41671.945 | 50972.324 | 33.515 | 34.661 | 23.997 | 1.025 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 70131 | 15 44 | 157.978 | 41664.285 | 50969.051 | 33.513 | 34.659 | 24.001 | 1.025 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 70133 | 15 44 | 157.982 | 41669.516 | 50975.039 | 33.517 | 34.663 | 23.998 | 1.025 | 14.705 |
| 9/27/2018 4:00 | 1836000 | 70131 | 15 44 | 157.978 | 41662.672 | 50964.66 | 33.51 | 34.656 | 24.002 | 1.025 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 70129 | 15 44 | 157.971 | 41650.02 | 50944.145 | 33.495 | 34.642 | 24.01 | 1.025 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 70118 | 15 44 | 157.947 | 41662.746 | 50964.98 | 33.522 | 34.676 | 23.985 | 1.025 | 14.716 |
| 9/27/2018 4:45 | 1838700 | 70117 | 15 43 | 157.946 | 41648.164 | 50947.758 | 33.497 | 34.644 | 24.011 | 1.025 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 70114 | 15 44 | 157.939 | 41651.746 | 50951.605 | 33.5 | 34.647 | 24.009 | 1.025 | 14.702 |
| 9/27/2018 5:15 | 1840500 | 70111 | 15 44 | 157.933 | 41670.031 | 50977.453 | 33.519 | 34.665 | 23.998 | 1.025 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 70111 | 15 44 | 157.932 | 41640.738 | 50938.367 | 33.49 | 34.638 | 24.015 | 1.025 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 70118 | 15 44 | 157.947 | 41671.164 | 50969.793 | 33.514 | 34.659 | 23.997 | 1.025 | 14.708 |
| 9/27/2018 6:00 | 1843200 | 70115 | 15 44 | 157.942 | 41681.184 | 50979.866 | 33.521 | 34.666 | 23.992 | 1.025 | 14.699 |
| 9/27/2018 6:15 | 1844100 | 70102 | 15 44 | 157.911 | 41680.109 | 50984.828 | 33.524 | 34.67 | 23.992 | 1.025 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 70092 | 15 44 | 157.89 | 41677.402 | 50982.363 | 33.523 | 34.668 | 23.994 | 1.025 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 70094 | 15 44 | 157.893 | 41663.555 | 50966.375 | 33.511 | 34.657 | 24.002 | 1.025 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 70099 | 15 42 | 157.904 | 41634.086 | 50949.992 | 33.497 | 34.646 | 24.019 | 1.025 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 70111 | 15 43 | 157.932 | 41646.996 | 50961.684 | 33.506 | 34.654 | 24.011 | 1.025 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 70115 | 15 43 | 157.927 | 41666.036 | 50977.75 | 33.519 | 34.665 | 24 | 1.025 | 14.711 |
| 9/27/2018 7:45 | 1849500 | 70096 | 15 44 | 157.898 | 41671.52 | 50970.227 | 33.514 | 34.66 | 23.997 | 1.025 | 14.714 |
| 9/27/2018 8:00 | 1850400 | 70098 | 15 44 | 157.903 | 41673.816 | 50975.984 | 33.518 | 34.664 | 23.996 | 1.025 | 14.711 |
| 9/27/2018 8:15 | 1851300 | 70092 | 15 44 | 157.889 | 41689.715 | 50996.152 | 33.533 | 34.677 | 23.987 | 1.025 | 14.718 |
| 9/27/2018 8:30 | 1852200 | 70103 | 15 44 | 157.915 | 41663.492 | 50965.035 | 33.51 | 34.656 | 24.002 | 1.025 | 14.711 |
| 9/27/2018 8:45 | 1853100 | 70121 | 15 44 | 157.954 | 41642.117 | 50944.352 | 33.494 | 34.642 | 24.014 | 1.025 | 14.715 |
| 9/27/2018 9:00 | 1854000 | 70101 | 15 43 | 157.91 | 41682.813 | 51009.531 | 33.542 | 34.686 | 23.985 | 1.025 | 14.716 |
| 9/27/2018 9:15 | 1854900 | 70098 | 15 44 | 157.903 | 41675.164 | 50975.527 | 33.518 | 34.663 | 23.995 | 1.025 | 14.72 |
| 9/27/2018 9:30 | 1855800 | 70103 | 15 44 | 157.914 | 41652.594 | 50955.496 | 33.503 | 34.65 | 24.008 | 1.025 | 14.722 |
| 9/27/2018 9:45 | 1856700 | 70105 | 15 43 | 157.917 | 41662.016 | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/28/2018 18:00 | 1972800 | 70.09 | 15.449 | 157.884 | 41667.664 | 50965.406 | 33.51 | 34.656 | 23.999 | 1.025 | 14.658 |
| 9/28/2018 18:15 | 1973700 | 70.087 | 15.451 | 157.877 | 41639.27 | 50928.055 | 33.483 | 34.631 | 24.016 | 1.025 | 14.657 |
| 9/28/2018 18:30 | 1974600 | 70.081 | 15.454 | 157.865 | 41680.582 | 50975.32 | 33.518 | 34.663 | 23.992 | 1.025 | 14.666 |
| 9/28/2018 18:45 | 1975500 | 70.079 | 15.451 | 157.86 | 41684.91 | 50983.656 | 33.524 | 34.669 | 23.989 | 1.025 | 14.658 |
| 9/28/2018 19:00 | 1976400 | 70.076 | 15.45 | 157.852 | 41705.43 | 51010.328 | 33.544 | 34.687 | 23.978 | 1.025 | 14.657 |
| 9/28/2018 19:15 | 1977300 | 70.089 | 15.453 | 157.882 | 41722.359 | 51027.25 | 33.556 | 34.699 | 23.968 | 1.025 | 14.666 |
| 9/28/2018 19:30 | 1978200 | 70.087 | 15.453 | 157.881 | 41697.219 | 50987.219 | 33.511 | 34.658 | 24.005 | 1.025 | 14.661 |
| 9/28/2018 19:45 | 1979100 | 70.069 | 15.445 | 157.838 | 41687.496 | 50993.766 | 33.531 | 34.676 | 23.988 | 1.025 | 14.657 |
| 9/28/2018 20:00 | 1980000 | 70.058 | 15.452 | 157.812 | 41675.668 | 50970.98 | 33.515 | 34.666 | 23.995 | 1.025 | 14.664 |
| 9/28/2018 20:15 | 1980900 | 70.059 | 15.446 | 157.814 | 41651.102 | 50948.609 | 33.498 | 34.645 | 24.009 | 1.025 | 14.662 |
| 9/28/2018 20:30 | 1981800 | 70.056 | 15.448 | 157.809 | 41671.75 | 50970.723 | 33.514 | 34.666 | 23.997 | 1.025 | 14.666 |
| 9/28/2018 20:45 | 1982700 | 70.052 | 15.447 | 157.799 | 41692.891 | 50998.164 | 33.534 | 34.679 | 23.985 | 1.025 | 14.67 |
| 9/28/2018 21:00 | 1983600 | 70.059 | 15.445 | 157.815 | 41664.59 | 50967.206 | 33.512 | 34.658 | 24.001 | 1.025 | 14.668 |
| 9/28/2018 21:15 | 1984500 | 70.054 | 15.439 | 157.803 | 41646.98 | 50951.672 | 33.5 | 34.647 | 24.011 | 1.025 | 14.667 |
| 9/28/2018 21:30 | 1985400 | 70.05 | 15.438 | 157.794 | 41648.262 | 50953.762 | 33.501 | 34.649 | 24.011 | 1.025 | 14.672 |
| 9/28/2018 21:45 | 1986300 | 70.079 | 15.443 | 157.859 | 41682.738 | 50990.254 | 33.528 | 34.673 | 23.991 | 1.025 | 14.663 |
| 9/28/2018 22:00 | 1987200 | 70.054 | 15.435 | 157.803 | 41668.934 | 50982.738 | 33.522 | 34.668 | 23.999 | 1.025 | 14.668 |
| 9/28/2018 22:15 | 1988100 | 70.051 | 15.434 | 157.796 | 41684.148 | 51003.254 | 33.537 | 34.682 | 23.999 | 1.025 | 14.67 |
| 9/28/2018 22:30 | 1989000 | 70.054 | 15.436 | 157.805 | 41685.867 | 51002.025 | 33.527 | 34.682 | 23.997 | 1.025 | 14.668 |
| 9/28/2018 22:45 | 1989900 | 70.052 | 15.447 | 157.8 | 41671.004 | 50971.281 | 33.515 | 34.66 | 23.998 | 1.025 | 14.675 |
| 9/28/2018 23:00 | 1990800 | 70.074 | 15.445 | 157.847 | 41667.734 | 50969.492 | 33.513 | 34.659 | 23.999 | 1.025 | 14.672 |
| 9/28/2018 23:15 | 1991700 | 70.053 | 15.442 | 157.801 | 41647.645 | 50949.223 | 33.498 | 34.645 | 24.011 | 1.025 | 14.68 |
| 9/28/2018 23:30 | 1992600 | 70.07 | 15.445 | 157.841 | 41688.445 | 50994.719 | 33.532 | 34.676 | 23.987 | 1.025 | 14.665 |
| 9/28/2018 23:45 | 1993500 | 70.068 | 15.444 | 157.834 | 41659.809 | 50961.039 | 33.507 | 34.654 | 24.004 | 1.025 | 14.669 |
| 9/29/2018 0:00 | 1994400 | 70.067 | 15.445 | 157.832 | 41648.527 | 50946.422 | 33.496 | 34.644 | 24.01 | 1.025 | 14.674 |
| 9/29/2018 0:15 | 1995300 | 70.063 | 15.447 | 157.824 | 41669.52 | 50969.668 | 33.513 | 34.659 | 23.998 | 1.025 | 14.68 |
| 9/29/2018 0:30 | 1996200 | 70.065 | 15.45 | 157.829 | 41699.281 | 51002.07 | 33.538 | 34.681 | 23.981 | 1.025 | 14.675 |
| 9/29/2018 0:45 | 1997100 | 70.094 | 15.455 | 157.895 | 41659.234 | 50947.105 | 33.498 | 34.644 | 24.004 | 1.025 | 14.672 |
| 9/29/2018 1:00 | 1998000 | 70.069 | 15.457 | 157.836 | 41707.98 | 51004.938 | 33.54 | 34.683 | 23.976 | 1.025 | 14.674 |
| 9/29/2018 1:15 | 1998900 | 70.077 | 15.453 | 157.84 | 41696.82 | 50995.914 | 33.533 | 34.677 | 23.983 | 1.025 | 14.675 |
| 9/29/2018 1:30 | 1999800 | 70.077 | 15.451 | 157.834 | 41680.707 | 50978.309 | 33.52 | 34.665 | 23.992 | 1.025 | 14.672 |
| 9/29/2018 1:45 | 2000700 | 70.076 | 15.451 | 157.853 | 41693.188 | 50994 | 33.532 | 34.676 | 23.985 | 1.025 | 14.677 |
| 9/29/2018 2:00 | 2001600 | 70.096 | 15.455 | 157.898 | 41696.641 | 50992.852 | 33.531 | 34.675 | 23.983 | 1.025 | 14.675 |
| 9/29/2018 2:15 | 2002500 | 70.104 | 15.45 | 157.916 | 41674 | 50972.004 | 33.515 | 34.661 | 23.996 | 1.025 | 14.673 |
| 9/29/2018 2:30 | 2003400 | 70.085 | 15.453 | 157.872 | 41671.926 | 50965.789 | 33.511 | 34.657 | 23.997 | 1.025 | 14.675 |
| 9/29/2018 2:45 | 2004300 | 70.082 | 15.455 | 157.866 | 41700.652 | 50998.168 | 33.535 | 34.679 | 23.98 | 1.025 | 14.679 |
| 9/29/2018 3:00 | 2005200 | 70.104 | 15.453 | 157.916 | 41675.238 | 50968.984 | 33.513 | 34.659 | 23.995 | 1.025 | 14.675 |
| 9/29/2018 3:15 | 2006100 | 70.104 | 15.455 | 157.916 | 41677.863 | 50969.988 | 33.514 | 34.666 | 23.994 | 1.025 | 14.672 |
| 9/29/2018 3:30 | 2007000 | 70.094 | 15.46 | 157.894 | 41694.27 | 50984.375 | 33.525 | 34.669 | 23.984 | 1.025 | 14.665 |
| 9/29/2018 3:45 | 2007900 | 70.103 | 15.458 | 157.913 | 41674.387 | 50962.477 | 33.509 | 34.654 | 23.996 | 1.025 | 14.678 |
| 9/29/2018 4:00 | 2008800 | 70.083 | 15.457 | 157.868 | 41677.375 | 50967.613 | 33.513 | 34.658 | 23.994 | 1.025 | 14.671 |
| 9/29/2018 4:15 | 2009700 | 70.093 | 15.458 | 157.891 | 41688.414 | 50979.746 | 33.522 | 34.666 | 23.987 | 1.025 | 14.668 |
| 9/29/2018 4:30 | 2010600 | 70.094 | 15.451 | 157.893 | 41686.145 | 50985.594 | 33.525 | 34.67 | 23.989 | 1.025 | 14.666 |
| 9/29/2018 4:45 | 2011500 | 70.084 | 15.448 | 157.887 | 41680.109 | 50980.329 | 33.522 | 34.667 | 23.992 | 1.025 | 14.676 |
| 9/29/2018 5:00 | 2012400 | 70.092 | 15.449 | 157.89 | 41678.648 | 50978.527 | 33.52 | 34.665 | 23.993 | 1.025 | 14.67 |
| 9/29/2018 5:15 | 2013300 | 70.105 | 15.453 | 157.918 | 41693.895 | 50992.438 | 33.531 | 34.675 | 23.984 | 1.025 | 14.671 |
| 9/29/2018 5:30 | 2014200 | 70.103 | 15.454 | 157.914 | 41667.211 | 50958.543 | 33.506 | 34.652 | 24 | 1.025 | 14.674 |
| 9/29/2018 5:45 | 2015100 | 70.089 | 15.448 | 157.882 | 41651.824 | 50947.086 | 33.497 | 34.644 | 24.009 | 1.025 | 14.678 |
| 9/29/2018 6:00 | 2016000 | 70.096 | 15.448 | 157.897 | 41687.395 | 50990.797 | 33.529 | 34.674 | 23.988 | 1.025 | 14.676 |
| 9/29/2018 6:15 | 2016900 | 70.089 | 15.446 | 157.883 | 41670.152 | 50971.504 | 33.515 | 34.661 | 23.998 | 1.025 | 14.676 |
| 9/29/2018 6:30 | 2017800 | 70.079 | 15.451 | 157.859 | 41667.52 | 50962.914 | 33.509 | 34.655 | 24 | 1.025 | 14.684 |
| 9/29/2018 6:45 | 2018700 | 70.095 | 15.453 | 157.895 | 41692.563 | 50991.129 | 33.53 | 34.674 | 23.985 | 1.025 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 70.092 | 15.451 | 157.888 | 41688.438 | 50987.555 | 33.527 | 34.672 | 23.987 | 1.025 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 70.075 | 15.453 | 157.852 | 41651.477 | 50940.352 | 33.492 | 34.639 | 24.009 | 1.025 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 70.069 | 15.45 | 157.838 | 41682.387 | 50981.527 | 33.522 | 34.667 | 23.991 | 1.025 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 70.09 | 15.449 | 157.885 | 41653.816 | 50948.359 | 33.498 | 34.645 | 24.007 | 1.025 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 70.066 | 15.452 | 157.831 | 41664.965 | 50958.012 | 33.505 | 34.651 | 24.001 | 1.025 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 70.061 | 15.452 | 157.82 | 41697.832 | 50997.891 | 33.535 | 34.679 | 23.982 | 1.025 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 70.064 | 15.447 | 157.827 | 41694.867 | 51000.891 | 33.536 | 34.681 | 23.984 | 1.025 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 70.087 | 15.451 | 157.877 | 41684.129 | 50982.066 | 33.523 | 34.668 | 23.99 | 1.025 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 70.067 | 15.442 | 157.833 | 41670.219 | 50976.113 | 33.518 | 34.664 | 23.998 | 1.025 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 70.067 | 15.445 | 157.832 | 41679.441 | 50976.095 | 33.519 | 34.665 | 23.993 | 1.025 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 70.069 | 15.457 | 157.837 | 41696.992 | 50991.82 | 33.531 | 34.674 | 23.983 | 1.025 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 70.078 | 15.447 | 157.857 | 41665.234 | 50964.852 | 33.51 | 34.656 | 24.001 | 1.025 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 70.081 | 15.45 | 157.864 | 41697.152 | 50999.465 | 33.536 | 34.68 | 23.982 | 1.025 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 70.076 | 15.458 | 157.852 | 41674.297 | 50962.059 | 33.509 | 34.654 | 23.996 | 1.025 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 70.083 | 15.45 | 157.87 | 41688.797 | 50999.781 | 33.528 | 34.673 | 23.987 | 1.025 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 70.086 | 15.455 | 157.875 | 41681.707 | 50980.965 | 33.5 | 34.647 | 24.003 | 1.025 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 70.096 | 15.454 | 157.898 | 41685.113 | 50980.754 | 33.522 | 34.667 | 23.989 | 1.025 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 70.105 | 15.453 | 157.919 | 41670.969 | 50963.988 | 33.51 | 34.656 | 23.998 | 1.025 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 70.126 | 15.45 | 157.966 | 41680.984 | 50980.332 | 33.522 | 34.667 | 23.992 | 1.025 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 70.112 | 15.44 | 157.934 | 41649.262 | 50953.516 | 33.501 | 34.648 | 24.01 | 1.025 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 70.114 | 15.446 | 157.938 | 41659.066 | 50959.352 | 33.505 | 34.652 | 24.004 | 1.025 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 70.141 | 15.45 | 157.985 | 41635.659 | 50931.998 | 33.477 | 34.625 | 24.018 | 1.025 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 70.126 | 15.45 | 157.965 | 41652.523 | 50945.309 | 33.496 | 34.643 | 24.008 | 1.025 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 70.138 | 15.452 | 157.994 | 41653.742 | 50944.492 | 33.495 | 34.642 | 24.007 | 1.025 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 70.151 | 15.457 | 158.021 | 41678.203 | 50968.844 | 33.514 | 34.659 | 23.993 | 1.025 | 14.69 |
| 9/29/2018 13:15 | 2042100 | 70.157 | 15.456 | 158.036 | 41700.645 | 50996.805 | 33.534 | 34.678 | 23.98 | 1.025 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 70.142 | 15.459 | 158.001 | 41683.176 | 50972.488 | 33.516 | 34.661 | 23.99 | 1.025 | 14.686 |
| 9/29/2018 13:45 | 2043900 | 70.145 | 15.459 | 158.008 | 41665.855 | 50964.441 | 33.503 | 34.649 | 24.002 | 1.025 | 14.69 |
| 9/29/2018 14:00 | 2044800 | 70.15 | 15.453 | 158.019 | 41626.746 | 50909.906 | 33.477 | 34.619 | 24.023 | 1.025 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 70.153 | 15.46 | 158.026 | 41706.8 | | | | | | |

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|-----------------|--------|--------|--------|--------|-----------|-----------|--------|-----------|--------|-------|
| 9/14/2018 10:30 | 736200 | 22.309 | 14.481 | 50.253 | 40276.762 | 50403.742 | 33.021 | 34274.547 | 24.828 | 1.025 |
| 9/14/2018 10:45 | 737100 | 22.313 | 14.49 | 50.262 | 40293.168 | 50413.707 | 33.029 | 34281.324 | 24.818 | 1.025 |
| 9/14/2018 11:00 | 738000 | 22.312 | 14.476 | 50.259 | 40265.246 | 50394.66 | 33.014 | 34268.371 | 24.835 | 1.025 |
| 9/14/2018 11:15 | 738900 | 22.311 | 14.478 | 50.258 | 40300.57 | 50436.625 | 33.045 | 34296.91 | 24.814 | 1.025 |
| 9/14/2018 11:30 | 739800 | 22.313 | 14.472 | 50.261 | 40271.441 | 50408.625 | 33.023 | 34277.477 | 24.831 | 1.025 |
| 9/14/2018 11:45 | 740700 | 22.315 | 14.476 | 50.266 | 40251.637 | 50378.254 | 33.022 | 34257.219 | 24.844 | 1.025 |
| 9/14/2018 12:00 | 741600 | 22.319 | 14.47 | 50.276 | 40252.383 | 50386.758 | 33.007 | 34262.996 | 24.843 | 1.025 |
| 9/14/2018 12:15 | 742500 | 22.321 | 14.474 | 50.28 | 40264.016 | 50395.465 | 33.014 | 34268.922 | 24.836 | 1.025 |
| 9/14/2018 12:30 | 743400 | 22.321 | 14.483 | 50.28 | 40287.602 | 50414.75 | 33.029 | 34282.031 | 24.822 | 1.025 |
| 9/14/2018 12:45 | 744300 | 22.325 | 14.468 | 50.29 | 40264.23 | 50403.391 | 33.019 | 34274.309 | 24.836 | 1.025 |
| 9/14/2018 13:00 | 745200 | 22.325 | 14.468 | 50.29 | 40255.762 | 50393.109 | 33.012 | 34267.32 | 24.841 | 1.025 |
| 9/14/2018 13:15 | 746100 | 22.334 | 14.466 | 50.31 | 40266.762 | 50409.344 | 33.024 | 34278.359 | 24.834 | 1.025 |
| 9/14/2018 13:30 | 747000 | 22.33 | 14.478 | 50.301 | 40312.371 | 50452.148 | 33.056 | 34307.461 | 24.806 | 1.025 |
| 9/14/2018 13:45 | 747900 | 22.33 | 14.461 | 50.301 | 40324 | 50486.668 | 33.08 | 34330.938 | 24.799 | 1.025 |
| 9/14/2018 14:00 | 748800 | 22.338 | 14.468 | 50.318 | 40271.094 | 50411.781 | 33.026 | 34280.016 | 24.832 | 1.025 |
| 9/14/2018 14:15 | 749700 | 22.341 | 14.476 | 50.326 | 40272.938 | 50404.176 | 33.021 | 34274.84 | 24.831 | 1.025 |
| 9/14/2018 14:30 | 750600 | 22.343 | 14.464 | 50.329 | 40287.77 | 50437.66 | 33.044 | 34297.609 | 24.821 | 1.025 |
| 9/14/2018 14:45 | 751500 | 22.348 | 14.475 | 50.34 | 40263.844 | 50394.605 | 33.014 | 34268.332 | 24.836 | 1.025 |
| 9/14/2018 15:00 | 752400 | 22.35 | 14.472 | 50.345 | 40246.809 | 50376.473 | 33 | 34256 | 24.847 | 1.025 |
| 9/14/2018 15:15 | 753300 | 22.353 | 14.475 | 50.352 | 40270.031 | 50402.141 | 33.019 | 34273.461 | 24.832 | 1.025 |
| 9/14/2018 15:30 | 754200 | 22.355 | 14.465 | 50.357 | 40248.555 | 50386.875 | 33.007 | 34263.078 | 24.846 | 1.025 |
| 9/14/2018 15:45 | 755100 | 22.355 | 14.477 | 50.358 | 40268.18 | 50405.887 | 33.021 | 34276.004 | 24.834 | 1.025 |
| 9/14/2018 16:00 | 756000 | 22.361 | 14.472 | 50.371 | 40261.602 | 50394.887 | 33.014 | 34268.523 | 24.838 | 1.025 |
| 9/14/2018 16:15 | 756900 | 22.36 | 14.471 | 50.368 | 40240.125 | 50369.918 | 32.995 | 34251.547 | 24.851 | 1.025 |
| 9/14/2018 16:30 | 757800 | 22.368 | 14.471 | 50.385 | 40261.348 | 50395.746 | 33.014 | 34269.113 | 24.838 | 1.025 |
| 9/14/2018 16:45 | 758700 | 22.366 | 14.463 | 50.381 | 40226.637 | 50362.203 | 32.989 | 34246.301 | 24.859 | 1.025 |
| 9/14/2018 17:00 | 759600 | 22.366 | 14.467 | 50.381 | 40287.906 | 50433.891 | 33.042 | 34295.047 | 24.821 | 1.025 |
| 9/14/2018 17:15 | 760500 | 22.368 | 14.471 | 50.385 | 40270.809 | 50408.324 | 33.023 | 34277.66 | 24.832 | 1.025 |
| 9/14/2018 17:30 | 761400 | 22.367 | 14.473 | 50.383 | 40266.055 | 50400.141 | 33.017 | 34272.098 | 24.835 | 1.025 |
| 9/14/2018 17:45 | 762300 | 22.366 | 14.479 | 50.381 | 40244.664 | 50365.172 | 32.992 | 34248.316 | 24.848 | 1.025 |
| 9/14/2018 18:00 | 763200 | 22.369 | 14.485 | 50.389 | 40296.844 | 50423.871 | 33.036 | 34288.234 | 24.816 | 1.025 |
| 9/14/2018 18:15 | 764100 | 22.37 | 14.488 | 50.392 | 40272.707 | 50390.141 | 33.011 | 34265.297 | 24.831 | 1.025 |
| 9/14/2018 18:30 | 765000 | 22.368 | 14.492 | 50.387 | 40278.402 | 50392.469 | 33.013 | 34266.879 | 24.827 | 1.025 |
| 9/14/2018 18:45 | 765900 | 22.368 | 14.501 | 50.385 | 40306.516 | 50417.098 | 33.032 | 34283.625 | 24.81 | 1.025 |
| 9/14/2018 19:00 | 766800 | 22.366 | 14.505 | 50.381 | 40297.629 | 50400.227 | 33.02 | 34272.16 | 24.815 | 1.025 |
| 9/14/2018 19:15 | 767700 | 22.366 | 14.502 | 50.383 | 40302.902 | 50410.547 | 33.027 | 34279.176 | 24.812 | 1.025 |
| 9/14/2018 19:30 | 768600 | 22.363 | 14.506 | 50.374 | 40323.105 | 50431.153 | 33.043 | 34293.387 | 24.8 | 1.025 |
| 9/14/2018 19:45 | 769500 | 22.363 | 14.517 | 50.374 | 40323.664 | 50419.464 | 33.035 | 34285.035 | 24.799 | 1.025 |
| 9/14/2018 20:00 | 770400 | 22.365 | 14.496 | 50.378 | 40271.898 | 50379.555 | 33.004 | 34258.098 | 24.831 | 1.025 |
| 9/14/2018 20:15 | 771300 | 22.365 | 14.504 | 50.378 | 40318.496 | 50428.031 | 33.04 | 34291.066 | 24.803 | 1.025 |
| 9/14/2018 20:30 | 772200 | 22.36 | 14.507 | 50.369 | 40297.531 | 50397.988 | 33.019 | 34270.633 | 24.815 | 1.025 |
| 9/14/2018 20:45 | 773100 | 22.355 | 14.504 | 50.356 | 40289.664 | 50391.547 | 33.014 | 34266.254 | 24.82 | 1.025 |
| 9/14/2018 21:00 | 774000 | 22.358 | 14.491 | 50.363 | 40300 | 50420.445 | 33.034 | 34285.902 | 24.814 | 1.025 |
| 9/14/2018 21:15 | 774900 | 22.356 | 14.507 | 50.36 | 40331.25 | 50440.469 | 33.05 | 34299.523 | 24.795 | 1.025 |
| 9/14/2018 21:30 | 775800 | 22.356 | 14.505 | 50.36 | 40288.684 | 50389.367 | 33.012 | 34264.77 | 24.821 | 1.025 |
| 9/14/2018 21:45 | 776700 | 22.355 | 14.5 | 50.356 | 40296.148 | 50404.777 | 33.023 | 34275.254 | 24.816 | 1.025 |
| 9/14/2018 22:00 | 777600 | 22.352 | 14.494 | 50.35 | 40312.152 | 50432.348 | 33.043 | 34294 | 24.806 | 1.025 |
| 9/14/2018 22:15 | 778500 | 22.348 | 14.5 | 50.34 | 40321.336 | 50435.84 | 33.046 | 34296.371 | 24.801 | 1.025 |
| 9/14/2018 22:30 | 779400 | 22.349 | 14.498 | 50.343 | 40314.598 | 50429.758 | 33.041 | 34292.234 | 24.805 | 1.025 |
| 9/14/2018 22:45 | 780300 | 22.343 | 14.503 | 50.33 | 40310.914 | 50419.934 | 33.034 | 34285.559 | 24.807 | 1.025 |
| 9/14/2018 23:00 | 781200 | 22.345 | 14.495 | 50.333 | 40329.59 | 50452.25 | 33.057 | 34307.535 | 24.796 | 1.025 |
| 9/14/2018 23:15 | 782100 | 22.342 | 14.502 | 50.328 | 40309.176 | 50419.25 | 33.034 | 34285.09 | 24.808 | 1.025 |
| 9/14/2018 23:30 | 783000 | 22.345 | 14.488 | 50.335 | 40332.57 | 50464.941 | 33.066 | 34316.164 | 24.794 | 1.025 |
| 9/14/2018 23:45 | 783900 | 22.344 | 14.486 | 50.332 | 40280.594 | 50402.672 | 33.02 | 34273.82 | 24.826 | 1.025 |
| 9/15/2018 0:00 | 784800 | 22.339 | 14.483 | 50.32 | 40305.07 | 50436.82 | 33.045 | 34297.039 | 24.811 | 1.025 |
| 9/15/2018 0:15 | 785700 | 22.338 | 14.48 | 50.318 | 40310.313 | 50446.262 | 33.052 | 34303.461 | 24.808 | 1.025 |
| 9/15/2018 0:30 | 786600 | 22.342 | 14.482 | 50.327 | 40284.074 | 50411.293 | 33.026 | 34279.684 | 24.824 | 1.025 |
| 9/15/2018 0:45 | 787500 | 22.338 | 14.482 | 50.318 | 40298.477 | 50429.738 | 33.04 | 34292.227 | 24.815 | 1.025 |
| 9/15/2018 1:00 | 788400 | 22.34 | 14.481 | 50.324 | 40259.434 | 50381.207 | 33.004 | 34259.223 | 24.839 | 1.025 |
| 9/15/2018 1:15 | 789300 | 22.335 | 14.482 | 50.312 | 40311.086 | 50444.66 | 33.051 | 34302.371 | 24.807 | 1.025 |
| 9/15/2018 1:30 | 790200 | 22.339 | 14.485 | 50.32 | 40221.797 | 50330.387 | 32.967 | 34224.668 | 24.862 | 1.025 |
| 9/15/2018 1:45 | 791100 | 22.335 | 14.499 | 50.311 | 40337.254 | 50457.035 | 33.061 | 34310.789 | 24.791 | 1.025 |
| 9/15/2018 2:00 | 792000 | 22.337 | 14.483 | 50.316 | 40375.289 | 50399.445 | 33.018 | 34271.625 | 24.829 | 1.025 |
| 9/15/2018 2:15 | 792900 | 22.336 | 14.489 | 50.314 | 40306.133 | 50431.004 | 33.041 | 34293.082 | 24.81 | 1.025 |
| 9/15/2018 2:30 | 793800 | 22.337 | 14.479 | 50.317 | 40312.223 | 50450.152 | 33.054 | 34306.105 | 24.806 | 1.025 |
| 9/15/2018 2:45 | 794700 | 22.341 | 14.477 | 50.325 | 40274.313 | 50405.254 | 33.021 | 34275.578 | 24.83 | 1.025 |
| 9/15/2018 3:00 | 795600 | 22.338 | 14.466 | 50.318 | 40281.711 | 50427.516 | 33.037 | 34290.715 | 24.825 | 1.025 |
| 9/15/2018 3:15 | 796500 | 22.339 | 14.474 | 50.321 | 40264.305 | 50396.348 | 33.015 | 34269.516 | 24.836 | 1.025 |
| 9/15/2018 3:30 | 797400 | 22.339 | 14.483 | 50.321 | 40293.945 | 50422.266 | 33.034 | 34287.145 | 24.818 | 1.025 |
| 9/15/2018 3:45 | 798300 | 22.34 | 14.474 | 50.324 | 40274.008 | 50407.969 | 33.023 | 34277.422 | 24.83 | 1.025 |
| 9/15/2018 4:00 | 799200 | 22.338 | 14.476 | 50.318 | 40301.344 | 50439.84 | 33.047 | 34299.09 | 24.813 | 1.025 |
| 9/15/2018 4:15 | 800100 | 22.342 | 14.471 | 50.327 | 40279.488 | 50419.406 | 33.041 | 34285.199 | 24.827 | 1.025 |
| 9/15/2018 4:30 | 801000 | 22.343 | 14.468 | 50.33 | 40272.121 | 50412.742 | 33.026 | 34280.668 | 24.831 | 1.025 |
| 9/15/2018 4:45 | 801900 | 22.34 | 14.471 | 50.323 | 40270.129 | 50406.629 | 33.022 | 34276.508 | 24.832 | 1.025 |
| 9/15/2018 5:00 | 802800 | 22.343 | 14.469 | 50.329 | 40279.164 | 50420.926 | 33.032 | 34286.23 | 24.827 | 1.025 |
| 9/15/2018 5:15 | 803700 | 22.338 | 14.475 | 50.318 | 40265.57 | 50397.078 | 33.015 | 34270.012 | 24.835 | 1.025 |
| 9/15/2018 5:30 | 804600 | 22.344 | 14.462 | 50.332 | 40278.945 | 50428.531 | 33.037 | 34291.406 | 24.827 | 1.025 |
| 9/15/2018 5:45 | 805500 | 22.334 | 14.455 | 50.311 | 40268.332 | 50424.316 | 33.034 | 34288.535 | 24.833 | 1.025 |
| 9/15/2018 6:00 | 806400 | 22.345 | 14.458 | 50.335 | 40271.754 | 50424.977 | 33.034 | 34288.984 | 24.831 | 1.025 |
| 9/15/2018 6:15 | 807300 | 22.339 | 14.485 | 50.321 | 40267.957 | 50388.035 | 33.01 | 34263.867 | 24.834 | 1.025 |
| 9/15/2018 6:30 | 808200 | 22.343 | 14.491 | 50.33 | 40283.672 | 50400.438 | 33.019 | 34272.297 | 24.824 | 1.025 |
| 9/15/2018 6:45 | 809100 | 22.338 | 14.488 | 50.318 | 40278 | 50396.762 | 33.016 | 34269.797 | 24.827 | 1.025 |
| 9/15/2018 7:00 | 810000 | 22.339 | 14.497 | 50.32 | 40279 | 50387.254 | 33.01 | 34263.332 | 24.827 | 1.025 |
| 9/15/2018 7:15 | 810900 | 22.336 | 14.498 | 50.314 | 40293.305 | 50403.348 | 33.022 | 34274.281 | 24.818 | 1.025 |
| 9/15/2018 7:30 | 811800 | 22.337 | 14.5 | 50.317 | 40286.059 | 50392.246 | 33.014 | 34266.727 | 24.822 | 1.025 |
| 9/15/2018 7:45 | 812700 | 22.336 | 14.501 | 50.314 | 40309.391 | 50419.949 | 33.034 | 34285.566 | 24.808 | 1.025 |
| 9/15/2018 8:00 | 813600 | 22.334 | 14.503 | 50.31 | 40275.293 | 50374.961 | 33.002 | 34254.973 | 24.829 | 1.025 |
| 9/15/2018 8:15 | 814500 | 22.335 | | | | | | | | |

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| 9/16/2018 7:00 | 896400 | 22.329 | 14.487 | 50.298 | 40264.449 | 50380.57 | 33.004 | 34258.789 | 24.836 | 1.025 |
| 9/16/2018 7:15 | 897300 | 22.33 | 14.49 | 50.299 | 40261.738 | 50373.762 | 33 | 34254.16 | 24.837 | 1.025 |
| 9/16/2018 7:30 | 898200 | 22.333 | 14.489 | 50.300 | 40259.344 | 50372.148 | 32.998 | 34253.063 | 24.839 | 1.025 |
| 9/16/2018 7:45 | 899100 | 22.331 | 14.477 | 50.303 | 40280.309 | 50412.98 | 33.027 | 34280.832 | 24.826 | 1.025 |
| 9/16/2018 8:00 | 900000 | 22.333 | 14.486 | 50.307 | 40269.012 | 50388.277 | 33.01 | 34264.031 | 24.833 | 1.025 |
| 9/16/2018 8:15 | 900900 | 22.333 | 14.473 | 50.308 | 40270.031 | 50405.117 | 33.021 | 34275.48 | 24.832 | 1.025 |
| 9/16/2018 8:30 | 901800 | 22.33 | 14.474 | 50.299 | 40268.359 | 50400.902 | 33.018 | 34272.613 | 24.833 | 1.025 |
| 9/16/2018 8:45 | 902700 | 22.336 | 14.48 | 50.314 | 40292.523 | 50424.543 | 33.036 | 34288.691 | 24.819 | 1.025 |
| 9/16/2018 9:00 | 903600 | 22.332 | 14.476 | 50.304 | 40270.809 | 50402.148 | 33.019 | 34273.465 | 24.832 | 1.025 |
| 9/16/2018 9:15 | 904500 | 22.327 | 14.479 | 50.294 | 40265.469 | 50391.418 | 33.012 | 34266.168 | 24.835 | 1.025 |
| 9/16/2018 9:30 | 905400 | 22.327 | 14.49 | 50.295 | 40285.969 | 50403.754 | 33.021 | 34274.555 | 24.823 | 1.025 |
| 9/16/2018 9:45 | 906300 | 22.324 | 14.487 | 50.288 | 40269.617 | 50387.559 | 33.009 | 34263.543 | 24.833 | 1.025 |
| 9/16/2018 10:00 | 907200 | 22.329 | 14.482 | 50.298 | 40267.379 | 50390.926 | 33.011 | 34265.832 | 24.834 | 1.025 |
| 9/16/2018 10:15 | 908100 | 22.33 | 14.506 | 50.299 | 40341.813 | 50455.059 | 33.006 | 34309.445 | 24.788 | 1.025 |
| 9/16/2018 10:30 | 909000 | 22.326 | 14.505 | 50.292 | 40326.156 | 50436.555 | 33.047 | 34296.859 | 24.798 | 1.025 |
| 9/16/2018 10:45 | 909900 | 22.326 | 14.474 | 50.292 | 40238.637 | 50364.223 | 32.991 | 34247.672 | 24.852 | 1.025 |
| 9/16/2018 11:00 | 910800 | 22.328 | 14.484 | 50.297 | 40303.434 | 50432.75 | 33.042 | 34294.27 | 24.812 | 1.025 |
| 9/16/2018 11:15 | 911700 | 22.323 | 14.484 | 50.286 | 40253.355 | 50370.719 | 32.997 | 34252.09 | 24.843 | 1.025 |
| 9/16/2018 11:30 | 912600 | 22.32 | 14.478 | 50.278 | 40296.07 | 50431.414 | 33.041 | 34293.367 | 24.816 | 1.025 |
| 9/16/2018 11:45 | 913500 | 22.327 | 14.489 | 50.293 | 40301.313 | 50424.328 | 33.036 | 34288.543 | 24.813 | 1.025 |
| 9/16/2018 12:00 | 914400 | 22.33 | 14.495 | 50.301 | 40300.605 | 50415.891 | 33.031 | 34282.805 | 24.814 | 1.025 |
| 9/16/2018 12:15 | 915300 | 22.326 | 14.503 | 50.291 | 40309.707 | 50418.527 | 33.033 | 34284.598 | 24.808 | 1.025 |
| 9/16/2018 12:30 | 916200 | 22.322 | 14.489 | 50.282 | 40300.504 | 50423.75 | 33.036 | 34288.152 | 24.814 | 1.025 |
| 9/16/2018 12:45 | 917100 | 22.326 | 14.482 | 50.292 | 40279.469 | 50405.738 | 33.022 | 34275.906 | 24.827 | 1.025 |
| 9/16/2018 13:00 | 918000 | 22.326 | 14.483 | 50.291 | 40264.105 | 50385.348 | 33.007 | 34262.035 | 24.836 | 1.025 |
| 9/16/2018 13:15 | 918900 | 22.329 | 14.483 | 50.298 | 40290.543 | 50418.223 | 33.031 | 34284.395 | 24.82 | 1.025 |
| 9/16/2018 13:30 | 919800 | 22.332 | 14.493 | 50.304 | 40288.813 | 50404.547 | 33.022 | 34275.098 | 24.821 | 1.025 |
| 9/16/2018 13:45 | 920700 | 22.333 | 14.478 | 50.308 | 40278.289 | 50409.07 | 33.024 | 34278.168 | 24.827 | 1.025 |
| 9/16/2018 14:00 | 921600 | 22.334 | 14.501 | 50.31 | 40324.809 | 50439.66 | 33.049 | 34298.969 | 24.799 | 1.025 |
| 9/16/2018 14:15 | 922500 | 22.336 | 14.501 | 50.314 | 40299.402 | 50420.348 | 33.034 | 34285.84 | 24.814 | 1.025 |
| 9/16/2018 14:30 | 923400 | 22.337 | 14.487 | 50.316 | 40271.66 | 50390.016 | 33.011 | 34265.215 | 24.831 | 1.025 |
| 9/16/2018 14:45 | 924300 | 22.343 | 14.494 | 50.33 | 40288.523 | 50402.055 | 33.021 | 34273.398 | 24.821 | 1.025 |
| 9/16/2018 15:00 | 925200 | 22.343 | 14.475 | 50.329 | 40303.754 | 50444.559 | 33.05 | 34302.305 | 24.812 | 1.025 |
| 9/16/2018 15:15 | 926100 | 22.343 | 14.474 | 50.329 | 40280.625 | 50416.879 | 33.03 | 34283.477 | 24.826 | 1.025 |
| 9/16/2018 15:30 | 927000 | 22.346 | 14.481 | 50.336 | 40269.375 | 50394.809 | 33.014 | 34268.473 | 24.833 | 1.025 |
| 9/16/2018 15:45 | 927900 | 22.35 | 14.484 | 50.346 | 40257.094 | 50375.82 | 33.001 | 34255.563 | 24.84 | 1.025 |
| 9/16/2018 16:00 | 928800 | 22.35 | 14.478 | 50.346 | 40284.336 | 50416.309 | 33.03 | 34283.094 | 24.824 | 1.025 |
| 9/16/2018 16:15 | 929700 | 22.355 | 14.476 | 50.357 | 40291.285 | 50427.449 | 33.038 | 34290.664 | 24.819 | 1.025 |
| 9/16/2018 16:30 | 930600 | 22.358 | 14.469 | 50.363 | 40260.828 | 50397.652 | 33.015 | 34270.406 | 24.838 | 1.025 |
| 9/16/2018 16:45 | 931500 | 22.36 | 14.47 | 50.368 | 40271.547 | 50409.781 | 33.024 | 34278.652 | 24.831 | 1.025 |
| 9/16/2018 17:00 | 932400 | 22.362 | 14.487 | 50.373 | 40252.961 | 50365.965 | 32.994 | 34248.855 | 24.843 | 1.025 |
| 9/16/2018 17:15 | 933300 | 22.365 | 14.497 | 50.38 | 40281.941 | 50391.266 | 33.013 | 34266.063 | 24.825 | 1.025 |
| 9/16/2018 17:30 | 934200 | 22.363 | 14.49 | 50.374 | 40291.992 | 50411.613 | 33.027 | 34279.898 | 24.819 | 1.025 |
| 9/16/2018 17:45 | 935100 | 22.363 | 14.488 | 50.374 | 40290.262 | 50412.215 | 33.027 | 34280.309 | 24.82 | 1.025 |
| 9/16/2018 18:00 | 936000 | 22.371 | 14.479 | 50.392 | 40298.082 | 50432.457 | 33.042 | 34294.07 | 24.815 | 1.025 |
| 9/16/2018 18:15 | 936900 | 22.366 | 14.497 | 50.383 | 40298.656 | 50411.418 | 33.028 | 34279.766 | 24.815 | 1.025 |
| 9/16/2018 18:30 | 937800 | 22.37 | 14.483 | 50.392 | 40282.27 | 50407.652 | 33.024 | 34277.207 | 24.825 | 1.025 |
| 9/16/2018 18:45 | 938700 | 22.369 | 14.497 | 50.389 | 40283.57 | 50393.082 | 33.014 | 34267.301 | 24.824 | 1.025 |
| 9/16/2018 19:00 | 939600 | 22.369 | 14.507 | 50.388 | 40310.629 | 50414.039 | 33.03 | 34281.547 | 24.807 | 1.025 |
| 9/16/2018 19:15 | 940500 | 22.37 | 14.505 | 50.392 | 40309.07 | 50415.184 | 33.031 | 34282.324 | 24.808 | 1.025 |
| 9/16/2018 19:30 | 941400 | 22.371 | 14.506 | 50.392 | 40282.445 | 50380.5 | 33.006 | 34258.742 | 24.825 | 1.025 |
| 9/16/2018 19:45 | 942300 | 22.371 | 14.51 | 50.393 | 40297.625 | 50395.008 | 33.017 | 34268.609 | 24.815 | 1.025 |
| 9/16/2018 20:00 | 943200 | 22.371 | 14.492 | 50.392 | 40309.883 | 50424.18 | 33.037 | 34288.445 | 24.808 | 1.025 |
| 9/16/2018 20:15 | 944100 | 22.37 | 14.498 | 50.392 | 40280.801 | 50395.371 | 33.016 | 34268.852 | 24.826 | 1.025 |
| 9/16/2018 20:30 | 945000 | 22.369 | 14.519 | 50.389 | 40280.648 | 50363.043 | 32.994 | 34246.871 | 24.826 | 1.025 |
| 9/16/2018 20:45 | 945900 | 22.371 | 14.515 | 50.393 | 40299.406 | 50390.32 | 33.014 | 34265.418 | 24.814 | 1.025 |
| 9/16/2018 21:00 | 946800 | 22.371 | 14.515 | 50.392 | 40312.543 | 50407.809 | 33.026 | 34277.309 | 24.806 | 1.025 |
| 9/16/2018 21:15 | 947700 | 22.365 | 14.519 | 50.38 | 40320.48 | 50411.887 | 33.03 | 34280.082 | 24.801 | 1.025 |
| 9/16/2018 21:30 | 948600 | 22.366 | 14.501 | 50.383 | 40279.934 | 50383.426 | 33.008 | 34260.73 | 24.826 | 1.025 |
| 9/16/2018 21:45 | 949500 | 22.363 | 14.5 | 50.374 | 40305.422 | 50415.934 | 33.031 | 34282.836 | 24.811 | 1.025 |
| 9/16/2018 22:00 | 950400 | 22.363 | 14.495 | 50.375 | 40265.871 | 50372.438 | 32.999 | 34253.258 | 24.835 | 1.025 |
| 9/16/2018 22:15 | 951300 | 22.363 | 14.483 | 50.374 | 40295.855 | 50424.867 | 33.036 | 34288.91 | 24.816 | 1.025 |
| 9/16/2018 22:30 | 952200 | 22.359 | 14.495 | 50.366 | 40297.203 | 50411.637 | 33.028 | 34279.914 | 24.816 | 1.025 |
| 9/16/2018 22:45 | 953100 | 22.355 | 14.489 | 50.358 | 40305.844 | 50430 | 33.041 | 34292.398 | 24.81 | 1.025 |
| 9/16/2018 23:00 | 954000 | 22.358 | 14.493 | 50.363 | 40312.508 | 50433.648 | 33.044 | 34294.883 | 24.806 | 1.025 |
| 9/16/2018 23:15 | 954900 | 22.354 | 14.502 | 50.354 | 40292.184 | 50397.676 | 33.018 | 34270.422 | 24.819 | 1.025 |
| 9/16/2018 23:30 | 955800 | 22.351 | 14.493 | 50.347 | 40273.84 | 50385.063 | 33.008 | 34261.844 | 24.83 | 1.025 |
| 9/16/2018 23:45 | 956700 | 22.347 | 14.496 | 50.339 | 40301.809 | 50416.438 | 33.031 | 34283.18 | 24.813 | 1.025 |
| 9/17/2018 0:00 | 957600 | 22.348 | 14.494 | 50.34 | 40290.863 | 50405.402 | 33.023 | 34275.676 | 24.82 | 1.025 |
| 9/17/2018 0:15 | 958500 | 22.345 | 14.495 | 50.335 | 40270.129 | 50378.727 | 33.004 | 34257.539 | 24.832 | 1.025 |
| 9/17/2018 0:30 | 959400 | 22.339 | 14.491 | 50.321 | 40311.086 | 50433.891 | 33.044 | 34295.047 | 24.807 | 1.025 |
| 9/17/2018 0:45 | 960300 | 22.337 | 14.494 | 50.317 | 40259.391 | 50365.609 | 32.994 | 34248.617 | 24.839 | 1.025 |
| 9/17/2018 1:00 | 961200 | 22.337 | 14.501 | 50.316 | 40316.793 | 50429.098 | 33.041 | 34291.785 | 24.804 | 1.025 |
| 9/17/2018 1:15 | 962100 | 22.336 | 14.487 | 50.314 | 40300.992 | 50425.965 | 33.037 | 34289.656 | 24.813 | 1.025 |
| 9/17/2018 1:30 | 963000 | 22.332 | 14.507 | 50.305 | 40323.707 | 50431.258 | 33.043 | 34293.254 | 24.799 | 1.025 |
| 9/17/2018 1:45 | 963900 | 22.33 | 14.488 | 50.299 | 40275.785 | 50393.789 | 33.014 | 34267.781 | 24.829 | 1.025 |
| 9/17/2018 2:00 | 964800 | 22.328 | 14.49 | 50.297 | 40293.449 | 50413.637 | 33.029 | 34281.277 | 24.818 | 1.025 |
| 9/17/2018 2:15 | 965700 | 22.326 | 14.491 | 50.292 | 40302.695 | 50423.82 | 33.036 | 34288.199 | 24.812 | 1.025 |
| 9/17/2018 2:30 | 966600 | 22.328 | 14.488 | 50.296 | 40277.941 | 50396.691 | 33.016 | 34269.754 | 24.827 | 1.025 |
| 9/17/2018 2:45 | 967500 | 22.323 | 14.497 | 50.286 | 40277.023 | 50384.563 | 33.008 | 34261.504 | 24.828 | 1.025 |
| 9/17/2018 3:00 | 968400 | 22.323 | 14.503 | 50.285 | 40312.543 | 50421.449 | 33.036 | 34286.586 | 24.806 | 1.025 |
| 9/17/2018 3:15 | 969300 | 22.32 | 14.499 | 50.278 | 40292.023 | 50401.203 | 33.02 | 34272.824 | 24.819 | 1.025 |
| 9/17/2018 3:30 | 970200 | 22.319 | 14.494 | 50.276 | 40276.449 | 50387.684 | 33.01 | 34263.625 | 24.828 | 1.025 |
| 9/17/2018 3:45 | 971100 | 22.313 | 14.488 | 50.262 | 40296.172 | 50419.5 | 33.033 | 34285.262 | 24.816 | 1.025 |
| 9/17/2018 4:00 | 972000 | 22.318 | 14.492 | 50.274 | 40302.98 | 50423.328 | 33.036 | 34287.863 | 24.812 | 1.025 |
| 9/17/2018 4:15 | 972900 | 22.319 | 14.488 | 50.276 | 40308.504 | 50435.27 | 33.044 | 34295.984 | 24.809 | 1.025 |
| 9/17/2018 4:30 | 973800 | 22.318 | 14.49 | 50.273 | 40307.117 | 50430.957 | 33.041 | 34293.051 | 24.81 | 1.025 |
| 9/17/2018 4:45</ | | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|-----------|-----------|--------|-----------|--------|-------|
| 9/18/2018 3:30 | 1056600 | 22.263 | 14.503 | 50.151 | 40294.512 | 50398.895 | 33.019 | 34271.25 | 24.817 | 1.025 |
| 9/18/2018 3:45 | 1057500 | 22.265 | 14.489 | 50.155 | 40284.098 | 50402.793 | 33.021 | 34273.898 | 24.824 | 1.025 |
| 9/18/2018 4:00 | 1058400 | 22.262 | 14.497 | 50.146 | 40285.516 | 50395.406 | 33.017 | 34268.875 | 24.823 | 1.025 |
| 9/18/2018 4:15 | 1059300 | 22.265 | 14.484 | 50.153 | 40291.707 | 50418.285 | 33.032 | 34284.434 | 24.819 | 1.025 |
| 9/18/2018 4:30 | 1060200 | 22.266 | 14.482 | 50.143 | 40305.379 | 50428.277 | 33.046 | 34298.031 | 24.811 | 1.025 |
| 9/18/2018 4:45 | 1061100 | 22.266 | 14.479 | 50.157 | 40294.609 | 50428.633 | 33.039 | 34291.469 | 24.817 | 1.025 |
| 9/18/2018 5:00 | 1062000 | 22.259 | 14.478 | 50.141 | 40276.227 | 50406.684 | 33.023 | 34276.551 | 24.829 | 1.025 |
| 9/18/2018 5:15 | 1062900 | 22.261 | 14.485 | 50.145 | 40306.027 | 50434.828 | 33.044 | 34295.684 | 24.81 | 1.025 |
| 9/18/2018 5:30 | 1063800 | 22.26 | 14.481 | 50.143 | 40308.504 | 50443.465 | 33.005 | 34301.555 | 24.809 | 1.025 |
| 9/18/2018 5:45 | 1064700 | 22.259 | 14.483 | 50.141 | 40262.313 | 50382.895 | 33.006 | 34260.367 | 24.837 | 1.025 |
| 9/18/2018 6:00 | 1065600 | 22.261 | 14.484 | 50.144 | 40288.02 | 50414.41 | 33.029 | 34281.805 | 24.821 | 1.025 |
| 9/18/2018 6:15 | 1066500 | 22.263 | 14.482 | 50.15 | 40287.602 | 50415.809 | 33.03 | 34282.754 | 24.822 | 1.025 |
| 9/18/2018 6:30 | 1067400 | 22.263 | 14.475 | 50.15 | 40276.859 | 50411.207 | 33.026 | 34279.621 | 24.828 | 1.025 |
| 9/18/2018 6:45 | 1068300 | 22.263 | 14.49 | 50.15 | 40255.324 | 50365.313 | 32.993 | 34248.418 | 24.841 | 1.025 |
| 9/18/2018 7:00 | 1069200 | 22.263 | 14.476 | 50.151 | 40258.52 | 50386.867 | 33.008 | 34263.074 | 24.839 | 1.025 |
| 9/18/2018 7:15 | 1070100 | 22.264 | 14.469 | 50.152 | 40242.012 | 50374.309 | 32.998 | 34254.531 | 24.85 | 1.025 |
| 9/18/2018 7:30 | 1071000 | 22.263 | 14.47 | 50.151 | 40244.148 | 50375.707 | 32.999 | 34255.48 | 24.848 | 1.025 |
| 9/18/2018 7:45 | 1071900 | 22.262 | 14.481 | 50.146 | 40289.688 | 50419.602 | 33.032 | 34285.328 | 24.82 | 1.025 |
| 9/18/2018 8:00 | 1072800 | 22.266 | 14.477 | 50.157 | 40257.945 | 50393.289 | 33.012 | 34267.441 | 24.84 | 1.025 |
| 9/18/2018 8:15 | 1073700 | 22.267 | 14.472 | 50.158 | 40251.258 | 50381.832 | 33.004 | 34259.648 | 24.844 | 1.025 |
| 9/18/2018 8:30 | 1074600 | 22.27 | 14.468 | 50.165 | 40265.664 | 50405.414 | 33.021 | 34275.684 | 24.835 | 1.025 |
| 9/18/2018 8:45 | 1075500 | 22.265 | 14.476 | 50.153 | 40266.125 | 50396.617 | 33.015 | 34269.699 | 24.835 | 1.025 |
| 9/18/2018 9:00 | 1076400 | 22.261 | 14.466 | 50.144 | 40233.586 | 50367.063 | 32.993 | 34249.602 | 24.855 | 1.025 |
| 9/18/2018 9:15 | 1077300 | 22.265 | 14.478 | 50.155 | 40250.414 | 50374.492 | 32.999 | 34254.656 | 24.844 | 1.025 |
| 9/18/2018 9:30 | 1078200 | 22.265 | 14.48 | 50.155 | 40262.762 | 50386.969 | 33.008 | 34263.141 | 24.837 | 1.025 |
| 9/18/2018 9:45 | 1079100 | 22.271 | 14.457 | 50.169 | 40269.023 | 50422.629 | 33.032 | 34287.387 | 24.833 | 1.025 |
| 9/18/2018 10:00 | 1080000 | 22.265 | 14.472 | 50.155 | 40243.969 | 50373.668 | 32.998 | 34254.098 | 24.848 | 1.025 |
| 9/18/2018 10:15 | 1080900 | 22.266 | 14.474 | 50.157 | 40257.445 | 50387.133 | 33.008 | 34263.254 | 24.84 | 1.025 |
| 9/18/2018 10:30 | 1081800 | 22.268 | 14.479 | 50.16 | 40259.406 | 50384.152 | 33.006 | 34261.223 | 24.839 | 1.025 |
| 9/18/2018 10:45 | 1082700 | 22.266 | 14.481 | 50.157 | 40267.902 | 50392.23 | 33.012 | 34266.719 | 24.834 | 1.025 |
| 9/18/2018 11:00 | 1083600 | 22.268 | 14.478 | 50.161 | 40275.512 | 50405.164 | 33.022 | 34275.512 | 24.829 | 1.025 |
| 9/18/2018 11:15 | 1084500 | 22.265 | 14.477 | 50.155 | 40257.566 | 50384.613 | 33.006 | 34261.539 | 24.84 | 1.025 |
| 9/18/2018 11:30 | 1085400 | 22.266 | 14.481 | 50.157 | 40270.059 | 50395.355 | 33.015 | 34268.844 | 24.832 | 1.025 |
| 9/18/2018 11:45 | 1086300 | 22.271 | 14.477 | 50.167 | 40278.621 | 50411.07 | 33.026 | 34279.531 | 24.827 | 1.025 |
| 9/18/2018 12:00 | 1087200 | 22.27 | 14.488 | 50.166 | 40272.93 | 50390.637 | 33.012 | 34265.633 | 24.831 | 1.025 |
| 9/18/2018 12:15 | 1088100 | 22.271 | 14.495 | 50.166 | 40274.117 | 50383.066 | 33.007 | 34260.488 | 24.83 | 1.025 |
| 9/18/2018 12:30 | 1089000 | 22.268 | 14.484 | 50.161 | 40242.309 | 50357.316 | 32.987 | 34242.977 | 24.849 | 1.025 |
| 9/18/2018 12:45 | 1089900 | 22.273 | 14.482 | 50.171 | 40256.875 | 50377.676 | 33.002 | 34256.82 | 24.84 | 1.025 |
| 9/18/2018 13:00 | 1090800 | 22.276 | 14.495 | 50.179 | 40294.648 | 50409.504 | 33.026 | 34278.465 | 24.817 | 1.025 |
| 9/18/2018 13:15 | 1091700 | 22.271 | 14.481 | 50.167 | 40257.926 | 50379.535 | 33.003 | 34258.086 | 24.84 | 1.025 |
| 9/18/2018 13:30 | 1092600 | 22.27 | 14.484 | 50.166 | 40263.352 | 50383.352 | 33.006 | 34260.68 | 24.836 | 1.025 |
| 9/18/2018 13:45 | 1093500 | 22.275 | 14.501 | 50.177 | 40289.832 | 50396.332 | 33.017 | 34269.508 | 24.82 | 1.025 |
| 9/18/2018 14:00 | 1094400 | 22.273 | 14.482 | 50.173 | 40272.133 | 50396.137 | 33.015 | 34269.375 | 24.831 | 1.025 |
| 9/18/2018 14:15 | 1095300 | 22.277 | 14.484 | 50.181 | 40265.23 | 50385.891 | 33.008 | 34262.41 | 24.835 | 1.025 |
| 9/18/2018 14:30 | 1096200 | 22.278 | 14.499 | 50.184 | 40308.645 | 50422.105 | 33.036 | 34287.031 | 24.809 | 1.025 |
| 9/18/2018 14:45 | 1097100 | 22.276 | 14.502 | 50.179 | 40292.492 | 50397.75 | 33.018 | 34270.469 | 24.819 | 1.025 |
| 9/18/2018 15:00 | 1098000 | 22.277 | 14.491 | 50.182 | 40289.441 | 50407.137 | 33.024 | 34276.852 | 24.82 | 1.025 |
| 9/18/2018 15:15 | 1098900 | 22.278 | 14.496 | 50.183 | 40284.664 | 50394.883 | 33.016 | 34268.52 | 24.823 | 1.025 |
| 9/18/2018 15:30 | 1099800 | 22.277 | 14.497 | 50.181 | 40283.926 | 50393.094 | 33.014 | 34267.309 | 24.824 | 1.025 |
| 9/18/2018 15:45 | 1100700 | 22.281 | 14.491 | 50.189 | 40287.566 | 50405.313 | 33.023 | 34275.617 | 24.822 | 1.025 |
| 9/18/2018 16:00 | 1101600 | 22.282 | 14.478 | 50.192 | 40276.867 | 50407.598 | 33.023 | 34277.168 | 24.828 | 1.025 |
| 9/18/2018 16:15 | 1102500 | 22.281 | 14.491 | 50.19 | 40261.793 | 50373.188 | 32.999 | 34253.773 | 24.837 | 1.025 |
| 9/18/2018 16:30 | 1103400 | 22.283 | 14.487 | 50.195 | 40275.074 | 50394.387 | 33.014 | 34268.184 | 24.829 | 1.025 |
| 9/18/2018 16:45 | 1104300 | 22.282 | 14.487 | 50.193 | 40297.445 | 50422.48 | 33.035 | 34287.289 | 24.815 | 1.025 |
| 9/18/2018 17:00 | 1105200 | 22.282 | 14.494 | 50.192 | 40310.664 | 50430.063 | 33.041 | 34292.441 | 24.807 | 1.025 |
| 9/18/2018 17:15 | 1106100 | 22.284 | 14.483 | 50.197 | 40270.121 | 50392.352 | 33.013 | 34266.805 | 24.832 | 1.025 |
| 9/18/2018 17:30 | 1107000 | 22.287 | 14.483 | 50.203 | 40276.156 | 50399.902 | 33.018 | 34271.934 | 24.829 | 1.025 |
| 9/18/2018 17:45 | 1107900 | 22.292 | 14.482 | 50.214 | 40296.941 | 50427.184 | 33.038 | 34290.484 | 24.816 | 1.025 |
| 9/18/2018 18:00 | 1108800 | 22.288 | 14.479 | 50.207 | 40260.605 | 50385.332 | 33.007 | 34262.027 | 24.838 | 1.025 |
| 9/18/2018 18:15 | 1109700 | 22.294 | 14.485 | 50.222 | 40273.586 | 50395.078 | 33.015 | 34268.652 | 24.83 | 1.025 |
| 9/18/2018 18:30 | 1110600 | 22.293 | 14.479 | 50.217 | 40243.402 | 50363.594 | 32.991 | 34247.242 | 24.849 | 1.025 |
| 9/18/2018 18:45 | 1111500 | 22.294 | 14.477 | 50.219 | 40261.785 | 50390.109 | 33.01 | 34265.273 | 24.837 | 1.025 |
| 9/18/2018 19:00 | 1112400 | 22.295 | 14.467 | 50.221 | 40252.555 | 50389.637 | 33.009 | 34264.953 | 24.843 | 1.025 |
| 9/18/2018 19:15 | 1113300 | 22.292 | 14.476 | 50.216 | 40281.008 | 50414.699 | 33.028 | 34281.996 | 24.826 | 1.025 |
| 9/18/2018 19:30 | 1114200 | 22.3 | 14.474 | 50.233 | 40261.418 | 50392.523 | 33.012 | 34266.918 | 24.838 | 1.025 |
| 9/18/2018 19:45 | 1115100 | 22.302 | 14.472 | 50.238 | 40249.656 | 50380.789 | 33.003 | 34258.938 | 24.845 | 1.025 |
| 9/18/2018 20:00 | 1116000 | 22.3 | 14.479 | 50.233 | 40274.77 | 50403.281 | 33.02 | 34274.23 | 24.829 | 1.025 |
| 9/18/2018 20:15 | 1116900 | 22.306 | 14.479 | 50.246 | 40268.359 | 50395.035 | 33.014 | 34268.629 | 24.833 | 1.025 |
| 9/18/2018 20:30 | 1117800 | 22.309 | 14.47 | 50.253 | 40237.992 | 50368.621 | 32.994 | 34250.668 | 24.852 | 1.025 |
| 9/18/2018 20:45 | 1118700 | 22.309 | 14.475 | 50.252 | 40246.914 | 50373.418 | 32.998 | 34253.93 | 24.847 | 1.025 |
| 9/18/2018 21:00 | 1119600 | 22.305 | 14.484 | 50.245 | 40259.137 | 50377.645 | 33.002 | 34256.797 | 24.839 | 1.025 |
| 9/18/2018 21:15 | 1120500 | 22.304 | 14.479 | 50.241 | 40279.316 | 50379.316 | 33.003 | 34257.934 | 24.841 | 1.025 |
| 9/18/2018 21:30 | 1121400 | 22.309 | 14.472 | 50.252 | 40267.039 | 50402.641 | 33.019 | 34273.801 | 24.834 | 1.025 |
| 9/18/2018 21:45 | 1122300 | 22.313 | 14.486 | 50.262 | 40246.75 | 50360.113 | 32.989 | 34244.879 | 24.847 | 1.025 |
| 9/18/2018 22:00 | 1123200 | 22.307 | 14.493 | 50.249 | 40273.473 | 50384.391 | 33.008 | 34261.387 | 24.83 | 1.025 |
| 9/18/2018 22:15 | 1124100 | 22.313 | 14.481 | 50.262 | 40271.355 | 50396.242 | 33.015 | 34269.449 | 24.832 | 1.025 |
| 9/18/2018 22:30 | 1125000 | 22.309 | 14.478 | 50.254 | 40284.004 | 50416.316 | 33.03 | 34283.098 | 24.824 | 1.025 |
| 9/18/2018 22:45 | 1125900 | 22.309 | 14.495 | 50.254 | 40289.508 | 50402.633 | 33.021 | 34273.793 | 24.82 | 1.025 |
| 9/18/2018 23:00 | 1126800 | 22.312 | 14.507 | 50.259 | 40297.277 | 50397.238 | 33.018 | 34270.121 | 24.816 | 1.025 |
| 9/18/2018 23:15 | 1127700 | 22.31 | 14.492 | 50.256 | 40277.258 | 50391.035 | 33.012 | 34265.902 | 24.828 | 1.025 |
| 9/18/2018 23:30 | 1128600 | 22.304 | 14.486 | 50.242 | 40279.945 | 50401.762 | 33.02 | 34273.199 | 24.826 | 1.025 |
| 9/18/2018 23:45 | 1129500 | 22.304 | 14.5 | 50.241 | 40277.828 | 50381.418 | 33.006 | 34259.363 | 24.828 | 1.025 |
| 9/19/2018 0:00 | 1130400 | 22.306 | 14.504 | 50.245 | 40292.027 | 50394.504 | 33.016 | 34268.266 | 24.819 | 1.025 |
| 9/19/2018 0:15 | 1131300 | 22.304 | 14.494 | 50.242 | 40285.344 | 50398.289 | 33.018 | 34270.836 | 24.823 | 1.025 |
| 9/19/2018 0:30 | 1132200 | 22.299 | 14.501 | 50.231 | 40289.73 | 50395.592 | 33.017 | 34269.277 | 24.82 | 1.025 |
| 9/19/2018 0:45 | 1133100 | 22.299 | 14.515 | 50.231 | 40326.293 | 50424.375 | 33.039 | 34288.574 | 24.798 | 1.025 |
| 9/19/2018 1:00 | 1134000 | 22.298 | 14.508 | | | | | | | |

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|-----------------|---------|--------|--------|--------|-----------|-----------|--------|-----------|--------|-------|
| 9/20/2018 0:00 | 1216800 | 22.338 | 14.515 | 50.318 | 40311.48 | 50406.48 | 33.026 | 34276.41 | 24.807 | 1.025 |
| 9/20/2018 0:15 | 1217700 | 22.341 | 14.519 | 50.326 | 40335.086 | 50430.68 | 33.044 | 34292.867 | 24.792 | 1.025 |
| 9/20/2018 0:30 | 1218600 | 22.344 | 14.494 | 50.323 | 40308.184 | 50426.652 | 33.039 | 34290.125 | 24.809 | 1.025 |
| 9/20/2018 0:45 | 1219500 | 22.343 | 14.503 | 50.329 | 40292.387 | 50397.082 | 33.018 | 34270.016 | 24.819 | 1.025 |
| 9/20/2018 1:00 | 1220400 | 22.338 | 14.511 | 50.318 | 40297.242 | 50393.785 | 33.016 | 34267.777 | 24.816 | 1.025 |
| 9/20/2018 1:15 | 1221300 | 22.344 | 14.499 | 50.323 | 40278.754 | 50384.184 | 33.008 | 34261.25 | 24.827 | 1.025 |
| 9/20/2018 1:30 | 1222200 | 22.339 | 14.502 | 50.32 | 40300.145 | 50407.52 | 33.025 | 34277.113 | 24.814 | 1.025 |
| 9/20/2018 1:45 | 1223100 | 22.337 | 14.501 | 50.316 | 40297.902 | 50406.324 | 33.024 | 34276.301 | 24.815 | 1.025 |
| 9/20/2018 2:00 | 1224000 | 22.333 | 14.504 | 50.308 | 40291.719 | 50394.328 | 33.016 | 34268.148 | 24.819 | 1.025 |
| 9/20/2018 2:15 | 1224900 | 22.33 | 14.499 | 50.299 | 40278.676 | 50384.188 | 33.008 | 34261.25 | 24.827 | 1.025 |
| 9/20/2018 2:30 | 1225800 | 22.334 | 14.514 | 50.31 | 40294.234 | 50385.875 | 33.01 | 34262.398 | 24.817 | 1.025 |
| 9/20/2018 2:45 | 1226700 | 22.332 | 14.514 | 50.304 | 40286.945 | 50376.762 | 33.004 | 34256.203 | 24.822 | 1.025 |
| 9/20/2018 3:00 | 1227600 | 22.326 | 14.499 | 50.291 | 40300.035 | 50411.336 | 33.028 | 34279.707 | 24.814 | 1.025 |
| 9/20/2018 3:15 | 1228500 | 22.327 | 14.5 | 50.294 | 40268.418 | 50370.512 | 32.998 | 34251.949 | 24.833 | 1.025 |
| 9/20/2018 3:30 | 1229400 | 22.327 | 14.504 | 50.295 | 40278.227 | 50377.992 | 33.004 | 34257.039 | 24.827 | 1.025 |
| 9/20/2018 3:45 | 1230300 | 22.325 | 14.507 | 50.29 | 40302.727 | 50405.02 | 33.024 | 34275.418 | 24.812 | 1.025 |
| 9/20/2018 4:00 | 1231200 | 22.323 | 14.505 | 50.285 | 40297.55 | 50400.605 | 33.02 | 34272.41 | 24.815 | 1.025 |
| 9/20/2018 4:15 | 1232100 | 22.324 | 14.508 | 50.288 | 40294.438 | 50392.73 | 33.015 | 34267.059 | 24.817 | 1.025 |
| 9/20/2018 4:30 | 1233000 | 22.322 | 14.507 | 50.282 | 40313.82 | 50418.129 | 33.033 | 34284.328 | 24.805 | 1.025 |
| 9/20/2018 4:45 | 1233900 | 22.32 | 14.504 | 50.278 | 40282.379 | 50382.957 | 33.007 | 34260.41 | 24.825 | 1.025 |
| 9/20/2018 5:00 | 1234800 | 22.315 | 14.501 | 50.267 | 40302.125 | 50410.754 | 33.028 | 34279.316 | 24.813 | 1.025 |
| 9/20/2018 5:15 | 1235700 | 22.319 | 14.5 | 50.276 | 40294.301 | 50402.785 | 33.022 | 34273.895 | 24.817 | 1.025 |
| 9/20/2018 5:30 | 1236600 | 22.317 | 14.502 | 50.27 | 40314.918 | 50426.109 | 33.039 | 34289.758 | 24.805 | 1.025 |
| 9/20/2018 5:45 | 1237500 | 22.312 | 14.517 | 50.26 | 40295.543 | 50383.262 | 33.009 | 34260.621 | 24.817 | 1.025 |
| 9/20/2018 6:00 | 1238400 | 22.316 | 14.509 | 50.268 | 40278.289 | 50371.691 | 33 | 34252.75 | 24.827 | 1.025 |
| 9/20/2018 6:15 | 1239300 | 22.317 | 14.498 | 50.27 | 40262.781 | 50365.59 | 32.994 | 34248.605 | 24.837 | 1.025 |
| 9/20/2018 6:30 | 1240200 | 22.309 | 14.504 | 50.254 | 40294.262 | 50397.82 | 33.018 | 34270.52 | 24.817 | 1.025 |
| 9/20/2018 6:45 | 1241100 | 22.31 | 14.502 | 50.256 | 40255.508 | 50351.801 | 32.984 | 34239.227 | 24.841 | 1.025 |
| 9/20/2018 7:00 | 1242000 | 22.313 | 14.505 | 50.261 | 40309.531 | 50415.441 | 33.031 | 34282.5 | 24.808 | 1.025 |
| 9/20/2018 7:15 | 1242900 | 22.313 | 14.497 | 50.262 | 40278.922 | 50386.734 | 33.01 | 34262.98 | 24.827 | 1.025 |
| 9/20/2018 7:30 | 1243800 | 22.313 | 14.502 | 50.263 | 40294.766 | 50400.906 | 33.02 | 34272.617 | 24.817 | 1.025 |
| 9/20/2018 7:45 | 1244700 | 22.313 | 14.501 | 50.262 | 40318.496 | 50431.23 | 33.042 | 34293.238 | 24.803 | 1.025 |
| 9/20/2018 8:00 | 1245600 | 22.318 | 14.491 | 50.273 | 40251.602 | 50360.543 | 32.99 | 34245.172 | 24.844 | 1.025 |
| 9/20/2018 8:15 | 1246500 | 22.318 | 14.482 | 50.273 | 40273.961 | 50398.961 | 33.017 | 34271.293 | 24.83 | 1.025 |
| 9/20/2018 8:30 | 1247400 | 22.32 | 14.485 | 50.278 | 40256.406 | 50372.738 | 32.998 | 34253.465 | 24.841 | 1.025 |
| 9/20/2018 8:45 | 1248300 | 22.319 | 14.491 | 50.276 | 40272.828 | 50386.141 | 33.009 | 34262.578 | 24.831 | 1.025 |
| 9/20/2018 9:00 | 1249200 | 22.32 | 14.486 | 50.278 | 40253.195 | 50367.863 | 32.995 | 34250.148 | 24.843 | 1.025 |
| 9/20/2018 9:15 | 1250100 | 22.318 | 14.485 | 50.273 | 40259.457 | 50377.512 | 33.002 | 34256.711 | 24.839 | 1.025 |
| 9/20/2018 9:30 | 1251000 | 22.323 | 14.479 | 50.285 | 40275.387 | 50404.574 | 33.021 | 34275.113 | 24.829 | 1.025 |
| 9/20/2018 9:45 | 1251900 | 22.317 | 14.475 | 50.272 | 40264.328 | 50395.422 | 33.014 | 34268.887 | 24.836 | 1.025 |
| 9/20/2018 10:00 | 1252800 | 22.322 | 14.478 | 50.282 | 40264.461 | 50391.766 | 33.012 | 34266.402 | 24.836 | 1.025 |
| 9/20/2018 10:15 | 1253700 | 22.318 | 14.47 | 50.274 | 40250.273 | 50383.152 | 33.005 | 34260.543 | 24.845 | 1.025 |
| 9/20/2018 10:30 | 1254600 | 22.317 | 14.473 | 50.271 | 40261.695 | 50394.367 | 33.013 | 34268.172 | 24.838 | 1.025 |
| 9/20/2018 10:45 | 1255500 | 22.32 | 14.471 | 50.278 | 40270.234 | 50406.762 | 33.022 | 34276.602 | 24.832 | 1.025 |
| 9/20/2018 11:00 | 1256400 | 22.321 | 14.462 | 50.281 | 40268.773 | 50415.797 | 33.028 | 34282.746 | 24.833 | 1.025 |
| 9/20/2018 11:15 | 1257300 | 22.321 | 14.478 | 50.28 | 40296.063 | 50431.738 | 33.041 | 34293.582 | 24.816 | 1.025 |
| 9/20/2018 11:30 | 1258200 | 22.321 | 14.49 | 50.28 | 40280.727 | 50397.617 | 33.017 | 34270.383 | 24.826 | 1.025 |
| 9/20/2018 11:45 | 1259100 | 22.319 | 14.488 | 50.276 | 40302.336 | 50427.109 | 33.038 | 34290.438 | 24.812 | 1.025 |
| 9/20/2018 12:00 | 1260000 | 22.321 | 14.489 | 50.28 | 40263.574 | 50377.645 | 33.002 | 34256.797 | 24.836 | 1.025 |
| 9/20/2018 12:15 | 1260900 | 22.318 | 14.484 | 50.273 | 40253.008 | 50369.973 | 32.996 | 34251.582 | 24.843 | 1.025 |
| 9/20/2018 12:30 | 1261800 | 22.317 | 14.49 | 50.27 | 40277.438 | 50394.027 | 33.014 | 34267.941 | 24.828 | 1.025 |
| 9/20/2018 12:45 | 1262700 | 22.318 | 14.492 | 50.273 | 40275.496 | 50388.633 | 33.011 | 34264.27 | 24.829 | 1.025 |
| 9/20/2018 13:00 | 1263600 | 22.316 | 14.482 | 50.269 | 40268.641 | 50392.504 | 33.013 | 34266.902 | 24.833 | 1.025 |
| 9/20/2018 13:15 | 1264500 | 22.315 | 14.482 | 50.267 | 40251.129 | 50369.633 | 32.996 | 34251.355 | 24.844 | 1.025 |
| 9/20/2018 13:30 | 1265400 | 22.315 | 14.495 | 50.267 | 40273.027 | 50382.352 | 33.006 | 34260.004 | 24.831 | 1.025 |
| 9/20/2018 13:45 | 1266300 | 22.314 | 14.505 | 50.264 | 40304.711 | 50409.199 | 33.027 | 34278.254 | 24.811 | 1.025 |
| 9/20/2018 14:00 | 1267200 | 22.309 | 14.505 | 50.254 | 40265.371 | 50360.531 | 32.991 | 34245.164 | 24.835 | 1.025 |
| 9/20/2018 14:15 | 1268100 | 22.309 | 14.492 | 50.253 | 40283.668 | 50398.32 | 33.018 | 34270.863 | 24.824 | 1.025 |
| 9/20/2018 14:30 | 1269000 | 22.307 | 14.491 | 50.249 | 40279.141 | 50393.926 | 33.014 | 34267.871 | 24.827 | 1.025 |
| 9/20/2018 14:45 | 1269900 | 22.304 | 14.493 | 50.241 | 40308.043 | 50427.852 | 33.039 | 34290.938 | 24.809 | 1.025 |
| 9/20/2018 15:00 | 1270800 | 22.306 | 14.488 | 50.246 | 40276.629 | 50395.266 | 33.015 | 34268.785 | 24.828 | 1.025 |
| 9/20/2018 15:15 | 1271700 | 22.304 | 14.501 | 50.242 | 40283.074 | 50386.82 | 33.01 | 34263.043 | 24.824 | 1.025 |
| 9/20/2018 15:30 | 1272600 | 22.303 | 14.49 | 50.239 | 40263.809 | 50376.453 | 33.002 | 34255.988 | 24.836 | 1.025 |
| 9/20/2018 15:45 | 1273500 | 22.301 | 14.497 | 50.234 | 40305.773 | 50419.902 | 33.034 | 34285.539 | 24.81 | 1.025 |
| 9/20/2018 16:00 | 1274400 | 22.296 | 14.497 | 50.224 | 40291.887 | 50403.707 | 33.022 | 34274.52 | 24.819 | 1.025 |
| 9/20/2018 16:15 | 1275300 | 22.294 | 14.489 | 50.218 | 40254.457 | 50365.496 | 32.993 | 34248.539 | 24.842 | 1.025 |
| 9/20/2018 16:30 | 1276200 | 22.298 | 14.493 | 50.228 | 40275.273 | 50387.609 | 33.01 | 34263.578 | 24.829 | 1.025 |
| 9/20/2018 16:45 | 1277100 | 22.294 | 14.487 | 50.219 | 40271.086 | 50388.543 | 33.01 | 34264.215 | 24.832 | 1.025 |
| 9/20/2018 17:00 | 1278000 | 22.298 | 14.482 | 50.228 | 40261.008 | 50382.637 | 33.005 | 34260.191 | 24.838 | 1.025 |
| 9/20/2018 17:15 | 1278900 | 22.297 | 14.484 | 50.226 | 40244.605 | 50359.98 | 32.989 | 34244.785 | 24.848 | 1.025 |
| 9/20/2018 17:30 | 1279800 | 22.295 | 14.49 | 50.223 | 40291.141 | 50410.969 | 33.027 | 34279.461 | 24.819 | 1.025 |
| 9/20/2018 17:45 | 1280700 | 22.297 | 14.492 | 50.225 | 40258.688 | 50367.914 | 32.995 | 34250.188 | 24.839 | 1.025 |
| 9/20/2018 18:00 | 1281600 | 22.295 | 14.485 | 50.221 | 40275.82 | 50397.875 | 33.017 | 34270.559 | 24.829 | 1.025 |
| 9/20/2018 18:15 | 1282500 | 22.298 | 14.479 | 50.222 | 40266.379 | 50392.559 | 33.012 | 34266.945 | 24.835 | 1.025 |
| 9/20/2018 18:30 | 1283400 | 22.299 | 14.484 | 50.231 | 40271.531 | 50393.465 | 33.013 | 34267.555 | 24.831 | 1.025 |
| 9/20/2018 18:45 | 1284300 | 22.303 | 14.481 | 50.24 | 40272.551 | 50398.582 | 33.017 | 34271.039 | 24.831 | 1.025 |
| 9/20/2018 19:00 | 1285200 | 22.305 | 14.489 | 50.245 | 40247.234 | 50356.348 | 32.987 | 34242.316 | 24.846 | 1.025 |
| 9/20/2018 19:15 | 1286100 | 22.307 | 14.479 | 50.249 | 40279.047 | 50408.199 | 33.024 | 34277.578 | 24.827 | 1.025 |
| 9/20/2018 19:30 | 1287000 | 22.312 | 14.482 | 50.259 | 40255.98 | 50376.238 | 33.001 | 34255.844 | 24.841 | 1.025 |
| 9/20/2018 19:45 | 1287900 | 22.316 | 14.484 | 50.268 | 40313.645 | 50445.527 | 33.052 | 34302.961 | 24.805 | 1.025 |
| 9/20/2018 20:00 | 1288800 | 22.318 | 14.487 | 50.273 | 40269.813 | 50387.047 | 33.009 | 34263.191 | 24.832 | 1.025 |
| 9/20/2018 20:15 | 1289700 | 22.323 | 14.487 | 50.286 | 40267.906 | 50384.664 | 33.007 | 34261.574 | 24.834 | 1.025 |
| 9/20/2018 20:30 | 1290600 | 22.33 | 14.488 | 50.299 | 40245.402 | 50355.34 | 32.986 | 34241.633 | 24.848 | 1.025 |
| 9/20/2018 20:45 | 1291500 | 22.333 | 14.489 | 50.307 | 40255.375 | 50366.855 | 32.994 | 34249.461 | 24.841 | 1.025 |
| 9/20/2018 21:00 | 1292400 | 22.342 | 14.481 | 50.327 | 40265.277 | 50389.258 | 33.01 | 34264.699 | 24.835 | 1.025 |
| 9/20/2018 21:15 | 1293300 | 22.333 | 14.485 | 50.308 | 40276.102 | 50397.695 | 33.017 | 34270.434 | 24.829 | 1.025 |
| 9/20/2018 21:30 | 1294200 | 22.342 | 14.482 | 50.327 | 4026 | | | | | |

| | | | | | | | | | | |
|-----------------|---------|--------|--------|--------|-----------|-------------|--------|-----------|--------|-------|
| 9/21/2018 20:30 | 1377000 | 22.316 | 14.48 | 50.268 | 40229.75 | 50345.75 | 32.978 | 34235.109 | 24.857 | 1.025 |
| 9/21/2018 20:45 | 1377900 | 22.319 | 14.477 | 50.276 | 40226.859 | 50346.398 | 32.978 | 34235.555 | 24.859 | 1.025 |
| 9/21/2018 21:00 | 1378800 | 22.323 | 14.468 | 50.286 | 40250.555 | 50386.816 | 33.007 | 34253.039 | 24.844 | 1.025 |
| 9/21/2018 21:15 | 1379700 | 22.33 | 14.475 | 50.299 | 40245.875 | 50372.117 | 32.997 | 34253.039 | 24.847 | 1.025 |
| 9/21/2018 21:30 | 1380600 | 22.328 | 14.466 | 50.296 | 40244.32 | 50380.287 | 33.002 | 34258.668 | 24.848 | 1.025 |
| 9/21/2018 21:45 | 1381500 | 22.333 | 14.466 | 50.307 | 40234.547 | 50368.152 | 32.993 | 34250.348 | 24.854 | 1.025 |
| 9/21/2018 22:00 | 1382400 | 22.333 | 14.468 | 50.308 | 40233.512 | 50364.414 | 32.991 | 34247.805 | 24.855 | 1.025 |
| 9/21/2018 22:15 | 1383300 | 22.342 | 14.467 | 50.327 | 40232.422 | 50364.859 | 32.991 | 34248.109 | 24.856 | 1.025 |
| 9/21/2018 22:30 | 1384200 | 22.342 | 14.474 | 50.327 | 40223.324 | 50344.426 | 32.977 | 34234.211 | 24.861 | 1.025 |
| 9/21/2018 22:45 | 1385100 | 22.348 | 14.47 | 50.34 | 40213.309 | 50337.203 | 32.971 | 34229.297 | 24.867 | 1.025 |
| 9/21/2018 23:00 | 1386000 | 22.347 | 14.468 | 50.339 | 40241.738 | 50374.813 | 32.999 | 34254.871 | 24.85 | 1.025 |
| 9/21/2018 23:15 | 1386900 | 22.344 | 14.465 | 50.332 | 40201.91 | 50328.902 | 32.965 | 34223.656 | 24.874 | 1.025 |
| 9/21/2018 23:30 | 1387800 | 22.35 | 14.474 | 50.345 | 40265.855 | 50397.867 | 33.016 | 34270.555 | 24.835 | 1.025 |
| 9/21/2018 23:45 | 1388700 | 22.349 | 14.469 | 50.344 | 40227.262 | 50355.734 | 32.985 | 34241.902 | 24.859 | 1.025 |
| 9/22/2018 0:00 | 1389600 | 22.352 | 14.474 | 50.351 | 40258.66 | 50389.809 | 33.01 | 34265.07 | 24.839 | 1.025 |
| 9/22/2018 0:15 | 1390500 | 22.351 | 14.478 | 50.348 | 40258.863 | 50384.762 | 33.007 | 34261.637 | 24.839 | 1.025 |
| 9/22/2018 0:30 | 1391400 | 22.35 | 14.48 | 50.346 | 40229.313 | 50345.859 | 32.978 | 34235.184 | 24.857 | 1.025 |
| 9/22/2018 0:45 | 1392300 | 22.352 | 14.476 | 50.35 | 40229.941 | 50351.328 | 32.982 | 34238.902 | 24.857 | 1.025 |
| 9/22/2018 1:00 | 1393200 | 22.354 | 14.489 | 50.355 | 40236.961 | 50343.605 | 32.977 | 34233.652 | 24.853 | 1.025 |
| 9/22/2018 1:15 | 1394100 | 22.352 | 14.483 | 50.35 | 40234.84 | 50348.516 | 32.981 | 34236.996 | 24.854 | 1.025 |
| 9/22/2018 1:30 | 1395000 | 22.352 | 14.502 | 50.349 | 40269.219 | 50369.07 | 32.997 | 34250.969 | 24.833 | 1.025 |
| 9/22/2018 1:45 | 1395900 | 22.349 | 14.503 | 50.343 | 40251.586 | 50345.309 | 32.98 | 34234.809 | 24.844 | 1.025 |
| 9/22/2018 2:00 | 1396800 | 22.346 | 14.502 | 50.337 | 40273.578 | 50374.289 | 33.001 | 34254.516 | 24.83 | 1.025 |
| 9/22/2018 2:15 | 1397700 | 22.346 | 14.505 | 50.337 | 40293.938 | 50395.609 | 33.017 | 34269.016 | 24.818 | 1.025 |
| 9/22/2018 2:30 | 1398600 | 22.346 | 14.503 | 50.336 | 40259.984 | 50356.133 | 32.988 | 34242.172 | 24.839 | 1.025 |
| 9/22/2018 2:45 | 1399500 | 22.342 | 14.498 | 50.327 | 40278.219 | 50385.211 | 33.009 | 34261.949 | 24.827 | 1.025 |
| 9/22/2018 3:00 | 1400400 | 22.34 | 14.503 | 50.324 | 40274.5 | 50373.867 | 33.001 | 34254.23 | 24.83 | 1.025 |
| 9/22/2018 3:15 | 1401300 | 22.337 | 14.495 | 50.317 | 40272.766 | 50381.688 | 33.006 | 34259.547 | 24.831 | 1.025 |
| 9/22/2018 3:30 | 1402200 | 22.337 | 14.505 | 50.317 | 40298.332 | 50401.434 | 33.021 | 34272.98 | 24.815 | 1.025 |
| 9/22/2018 3:45 | 1403100 | 22.334 | 14.511 | 50.309 | 40285.012 | 50377.105 | 33.004 | 34256.434 | 24.823 | 1.025 |
| 9/22/2018 4:00 | 1404000 | 22.328 | 14.52 | 50.297 | 40301.273 | 50386.91 | 33.012 | 34263.102 | 24.813 | 1.025 |
| 9/22/2018 4:15 | 1404900 | 22.329 | 14.511 | 50.298 | 40300.996 | 50397.941 | 33.019 | 34270.602 | 24.813 | 1.025 |
| 9/22/2018 4:30 | 1405800 | 22.325 | 14.51 | 50.29 | 40316.547 | 50418.57 | 33.034 | 34284.629 | 24.804 | 1.025 |
| 9/22/2018 4:45 | 1406700 | 22.323 | 14.504 | 50.285 | 40280.477 | 50380.578 | 33.006 | 34258.793 | 24.826 | 1.025 |
| 9/22/2018 5:00 | 1407600 | 22.327 | 14.509 | 50.293 | 40307.051 | 50407.121 | 33.026 | 34276.844 | 24.81 | 1.025 |
| 9/22/2018 5:15 | 1408500 | 22.318 | 14.503 | 50.274 | 40284.344 | 50385.957 | 33.01 | 34262.453 | 24.824 | 1.025 |
| 9/22/2018 5:30 | 1409400 | 22.323 | 14.507 | 50.285 | 40291.566 | 50390.527 | 33.013 | 34265.559 | 24.819 | 1.025 |
| 9/22/2018 5:45 | 1410300 | 22.32 | 14.484 | 50.278 | 40271.27 | 50392.922 | 33.013 | 34267.188 | 24.832 | 1.025 |
| 9/22/2018 6:00 | 1411200 | 22.319 | 14.485 | 50.276 | 40264.461 | 50383.773 | 33.006 | 34260.969 | 24.836 | 1.025 |
| 9/22/2018 6:15 | 1412100 | 22.316 | 14.495 | 50.27 | 40252.84 | 50357.199 | 32.988 | 34242.898 | 24.843 | 1.025 |
| 9/22/2018 6:30 | 1413000 | 22.314 | 14.486 | 50.264 | 40313.75 | 50444.16 | 33.051 | 34302.027 | 24.805 | 1.025 |
| 9/22/2018 6:45 | 1413900 | 22.316 | 14.486 | 50.27 | 40252.121 | 50367.047 | 32.994 | 34249.594 | 24.843 | 1.025 |
| 9/22/2018 7:00 | 1414800 | 22.313 | 14.485 | 50.261 | 40270.73 | 50391.395 | 33.012 | 34266.152 | 24.832 | 1.025 |
| 9/22/2018 7:15 | 1415700 | 22.312 | 14.487 | 50.26 | 40255.016 | 50368.438 | 32.995 | 34250.543 | 24.842 | 1.025 |
| 9/22/2018 7:30 | 1416600 | 22.312 | 14.494 | 50.259 | 40262.957 | 50370.703 | 32.998 | 34252.078 | 24.837 | 1.025 |
| 9/22/2018 7:45 | 1417500 | 22.314 | 14.505 | 50.265 | 40261.211 | 50355.527 | 32.987 | 34241.762 | 24.838 | 1.025 |
| 9/22/2018 8:00 | 1418400 | 22.313 | 14.479 | 50.262 | 40279.02 | 50408.273 | 33.024 | 34277.625 | 24.827 | 1.025 |
| 9/22/2018 8:15 | 1419300 | 22.312 | 14.482 | 50.259 | 40265.754 | 50388.578 | 33.01 | 34264.238 | 24.835 | 1.025 |
| 9/22/2018 8:30 | 1420200 | 22.307 | 14.483 | 50.248 | 40268.18 | 50390.023 | 33.011 | 34265.219 | 24.834 | 1.025 |
| 9/22/2018 8:45 | 1421100 | 22.313 | 14.477 | 50.262 | 40245.488 | 50368.754 | 32.995 | 34250.754 | 24.848 | 1.025 |
| 9/22/2018 9:00 | 1422000 | 22.31 | 14.471 | 50.255 | 40230.746 | 50357.754 | 32.986 | 34243.273 | 24.857 | 1.025 |
| 9/22/2018 9:15 | 1422900 | 22.314 | 14.467 | 50.264 | 40244.602 | 50380.203 | 33.002 | 34258.543 | 24.848 | 1.025 |
| 9/22/2018 9:30 | 1423800 | 22.314 | 14.484 | 50.265 | 40286.035 | 50411.398 | 33.027 | 34279.75 | 24.822 | 1.025 |
| 9/22/2018 9:45 | 1424700 | 22.313 | 14.466 | 50.262 | 40230.707 | 50363.344 | 32.99 | 34247.074 | 24.857 | 1.025 |
| 9/22/2018 10:00 | 1425600 | 22.316 | 14.466 | 50.268 | 40227.484 | 50359.957 | 32.987 | 34244.77 | 24.859 | 1.025 |
| 9/22/2018 10:15 | 1426500 | 22.316 | 14.46 | 50.268 | 40221.898 | 50359.676 | 32.987 | 34244.578 | 24.862 | 1.025 |
| 9/22/2018 10:30 | 1427400 | 22.314 | 14.462 | 50.265 | 40229.559 | 50366.816 | 32.992 | 34249.434 | 24.857 | 1.025 |
| 9/22/2018 10:45 | 1428300 | 22.322 | 14.471 | 50.282 | 40237.109 | 50366.359 | 32.993 | 34249.125 | 24.853 | 1.025 |
| 9/22/2018 11:00 | 1429200 | 22.32 | 14.468 | 50.278 | 40265.68 | 50404.68 | 33.02 | 34275.184 | 24.835 | 1.025 |
| 9/22/2018 11:15 | 1430100 | 22.318 | 14.467 | 50.274 | 40242.035 | 50376.469 | 33 | 34256 | 24.85 | 1.025 |
| 9/22/2018 11:30 | 1431000 | 22.319 | 14.466 | 50.275 | 40236.785 | 50371.379 | 32.996 | 34252.539 | 24.853 | 1.025 |
| 9/22/2018 11:45 | 1431900 | 22.317 | 14.469 | 50.272 | 40235.461 | 50366.32 | 32.992 | 34249.102 | 24.854 | 1.025 |
| 9/22/2018 12:00 | 1432800 | 22.317 | 14.466 | 50.273 | 40206.941 | 50334.238 | 32.969 | 34227.285 | 24.871 | 1.025 |
| 9/22/2018 12:15 | 1433700 | 22.322 | 14.475 | 50.282 | 40242.773 | 50368.656 | 32.995 | 34250.691 | 24.849 | 1.025 |
| 9/22/2018 12:30 | 1434600 | 22.324 | 14.477 | 50.288 | 40230.723 | 50351.23 | 32.982 | 34238.84 | 24.857 | 1.025 |
| 9/22/2018 12:45 | 1435500 | 22.32 | 14.468 | 50.277 | 40233.398 | 50365.445 | 32.992 | 34248.504 | 24.855 | 1.025 |
| 9/22/2018 13:00 | 1436400 | 22.321 | 14.468 | 50.28 | 40243.109 | 50377.18 | 33 | 34256.484 | 24.849 | 1.025 |
| 9/22/2018 13:15 | 1437300 | 22.324 | 14.478 | 50.288 | 40232.02 | 50351.469 | 32.982 | 34239.004 | 24.856 | 1.025 |
| 9/22/2018 13:30 | 1438200 | 22.323 | 14.48 | 50.286 | 40240.168 | 50359.324 | 32.988 | 34244.344 | 24.851 | 1.025 |
| 9/22/2018 13:45 | 1439100 | 22.326 | 14.469 | 50.291 | 40230.383 | 50359.543 | 32.987 | 34244.492 | 24.857 | 1.025 |
| 9/22/2018 14:00 | 1440000 | 22.324 | 14.471 | 50.288 | 40215.781 | 50339.242 | 32.973 | 34230.688 | 24.866 | 1.025 |
| 9/22/2018 14:15 | 1440900 | 22.322 | 14.477 | 50.283 | 40255.266 | 50381.102 | 33.004 | 34259.152 | 24.841 | 1.025 |
| 9/22/2018 14:30 | 1441800 | 22.322 | 14.476 | 50.283 | 40248.766 | 50374.234 | 32.999 | 34254.48 | 24.845 | 1.025 |
| 9/22/2018 14:45 | 1442700 | 22.323 | 14.486 | 50.285 | 40231.977 | 50341.938 | 32.976 | 34232.52 | 24.856 | 1.025 |
| 9/22/2018 15:00 | 1443600 | 22.324 | 14.482 | 50.288 | 40220.234 | 50331.93 | 32.968 | 34225.711 | 24.863 | 1.025 |
| 9/22/2018 15:15 | 1444500 | 22.321 | 14.488 | 50.28 | 40222.609 | 50327.676 | 32.966 | 34222.82 | 24.862 | 1.025 |
| 9/22/2018 15:30 | 1445400 | 22.319 | 14.477 | 50.276 | 40241.934 | 50364.527 | 32.992 | 34247.879 | 24.85 | 1.025 |
| 9/22/2018 15:45 | 1446300 | 22.316 | 14.491 | 50.269 | 40266.828 | 50378.742 | 33.003 | 34257.551 | 24.834 | 1.025 |
| 9/22/2018 16:00 | 1447200 | 22.321 | 14.48 | 50.28 | 40251.813 | 50373.363 | 32.998 | 34253.887 | 24.844 | 1.025 |
| 9/22/2018 16:15 | 1448100 | 22.313 | 14.477 | 50.263 | 40233.227 | 50354.367 | 32.984 | 34240.969 | 24.855 | 1.025 |
| 9/22/2018 16:30 | 1449000 | 22.312 | 14.493 | 50.259 | 40242.328 | 50345.527 | 32.979 | 34234.957 | 24.849 | 1.025 |
| 9/22/2018 16:45 | 1449900 | 22.315 | 14.482 | 50.267 | 40248.02 | 50365.742 | 32.993 | 34248.703 | 24.846 | 1.025 |
| 9/22/2018 17:00 | 1450800 | 22.313 | 14.487 | 50.262 | 40264.578 | 50381.355 | 33.005 | 34259.324 | 24.836 | 1.025 |
| 9/22/2018 17:15 | 1451700 | 22.309 | 14.492 | 50.253 | 40266.488 | 50376.938 | 33.002 | 34256.316 | 24.835 | 1.025 |
| 9/22/2018 17:30 | 1452600 | 22.313 | 14.492 | 50.262 | 40248.516 | 50354.766 | 32.986 | 34241.246 | 24.846 | 1.025 |
| 9/22/2018 17:45 | 1453500 | 22.316 | 14.501 | 50.268 | 40271.727 | 50372.84 | 33 | 34253.531 | 24.831 | 1.025 |
| 9/22/2018 18:00 | 1454400 | 22.312 | 14.491 | 50.26 | 40263.746 | 50374.887</ | | | | |

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|-----------------|---------|--------|--------|--------|-----------|-----------|--------|-----------|--------|-------|
| 9/23/2018 17:00 | 1537200 | 22.33 | 14.523 | 50.299 | 40309.324 | 50393.246 | 33.017 | 34267.406 | 24.808 | 1.025 |
| 9/23/2018 17:15 | 1538100 | 22.328 | 14.512 | 50.296 | 40288.742 | 50381.035 | 33.007 | 34259.105 | 24.821 | 1.025 |
| 9/23/2018 17:30 | 1539000 | 22.33 | 14.512 | 50.299 | 40295.508 | 50389.176 | 33.013 | 34264.641 | 24.817 | 1.025 |
| 9/23/2018 17:45 | 1539900 | 22.33 | 14.518 | 50.299 | 40286.07 | 50372.957 | 33.001 | 34253.613 | 24.821 | 1.025 |
| 9/23/2018 18:00 | 1540800 | 22.331 | 14.523 | 50.299 | 40291.008 | 50385.137 | 33.011 | 34261.898 | 24.819 | 1.025 |
| 9/23/2018 18:15 | 1541700 | 22.331 | 14.523 | 50.303 | 40298.801 | 50381.055 | 33.008 | 34259.117 | 24.815 | 1.025 |
| 9/23/2018 18:30 | 1542600 | 22.33 | 14.524 | 50.301 | 40279.961 | 50355.16 | 32.989 | 34241.508 | 24.826 | 1.025 |
| 9/23/2018 18:45 | 1543500 | 22.334 | 14.511 | 50.309 | 40298.336 | 50394.422 | 33.016 | 34268.207 | 24.815 | 1.025 |
| 9/23/2018 19:00 | 1544400 | 22.333 | 14.518 | 50.299 | 40293.488 | 50379.941 | 33.006 | 34258.363 | 24.818 | 1.025 |
| 9/23/2018 19:15 | 1545300 | 22.333 | 14.515 | 50.307 | 40295.5 | 50386.18 | 33.011 | 34262.605 | 24.817 | 1.025 |
| 9/23/2018 19:30 | 1546200 | 22.333 | 14.501 | 50.307 | 40293.898 | 50400.254 | 33.02 | 34272.176 | 24.818 | 1.025 |
| 9/23/2018 19:45 | 1547100 | 22.332 | 14.488 | 50.305 | 40271.77 | 50389.078 | 33.011 | 34264.574 | 24.831 | 1.025 |
| 9/23/2018 20:00 | 1548000 | 22.333 | 14.488 | 50.308 | 40263.652 | 50378.918 | 33.003 | 34257.668 | 24.836 | 1.025 |
| 9/23/2018 20:15 | 1548900 | 22.34 | 14.496 | 50.324 | 40267.172 | 50373.313 | 33 | 34253.852 | 24.834 | 1.025 |
| 9/23/2018 20:30 | 1549800 | 22.342 | 14.492 | 50.328 | 40213.266 | 50311.195 | 32.954 | 34211.617 | 24.867 | 1.025 |
| 9/23/2018 20:45 | 1550700 | 22.341 | 14.492 | 50.326 | 40288.34 | 50404.168 | 33.022 | 34274.836 | 24.821 | 1.025 |
| 9/23/2018 21:00 | 1551600 | 22.348 | 14.481 | 50.34 | 40273.063 | 50399.223 | 33.017 | 34271.473 | 24.83 | 1.025 |
| 9/23/2018 21:15 | 1552500 | 22.349 | 14.487 | 50.344 | 40248.57 | 50360.902 | 32.99 | 34245.414 | 24.846 | 1.025 |
| 9/23/2018 21:30 | 1553400 | 22.352 | 14.491 | 50.351 | 40251.836 | 50360.727 | 32.99 | 34245.297 | 24.844 | 1.025 |
| 9/23/2018 21:45 | 1554300 | 22.355 | 14.488 | 50.357 | 40271.801 | 50388.473 | 33.01 | 34264.16 | 24.831 | 1.025 |
| 9/23/2018 22:00 | 1555200 | 22.354 | 14.497 | 50.355 | 40255.504 | 50358.191 | 32.989 | 34243.57 | 24.841 | 1.025 |
| 9/23/2018 22:15 | 1556100 | 22.358 | 14.498 | 50.363 | 40262.488 | 50364.891 | 32.994 | 34248.129 | 24.837 | 1.025 |
| 9/23/2018 22:30 | 1557000 | 22.36 | 14.509 | 50.368 | 40286.219 | 50381.066 | 33.007 | 34259.125 | 24.822 | 1.025 |
| 9/23/2018 22:45 | 1557900 | 22.36 | 14.501 | 50.368 | 40290.648 | 50396.398 | 33.017 | 34269.555 | 24.82 | 1.025 |
| 9/23/2018 23:00 | 1558800 | 22.365 | 14.495 | 50.378 | 40279.906 | 50390.199 | 33.012 | 34265.34 | 24.826 | 1.025 |
| 9/23/2018 23:15 | 1559700 | 22.366 | 14.488 | 50.383 | 40258.941 | 50372.715 | 32.999 | 34253.449 | 24.839 | 1.025 |
| 9/23/2018 23:30 | 1560600 | 22.368 | 14.492 | 50.386 | 40279.066 | 50392.676 | 33.014 | 34267.02 | 24.827 | 1.025 |
| 9/23/2018 23:45 | 1561500 | 22.373 | 14.505 | 50.397 | 40258.492 | 50352.027 | 32.985 | 34239.379 | 24.839 | 1.025 |
| 9/24/2018 0:00 | 1562400 | 22.376 | 14.512 | 50.405 | 40287.133 | 50379.445 | 33.006 | 34258.027 | 24.822 | 1.025 |
| 9/24/2018 0:15 | 1563300 | 22.367 | 14.498 | 50.385 | 40269.582 | 50373.988 | 33 | 34254.313 | 24.833 | 1.025 |
| 9/24/2018 0:30 | 1564200 | 22.371 | 14.484 | 50.392 | 40268.781 | 50389.387 | 33.011 | 34264.785 | 24.833 | 1.025 |
| 9/24/2018 0:45 | 1565100 | 22.372 | 14.489 | 50.394 | 40269.629 | 50385.223 | 33.008 | 34261.957 | 24.833 | 1.025 |
| 9/24/2018 1:00 | 1566000 | 22.384 | 14.517 | 50.421 | 40291.781 | 50378.559 | 33.005 | 34257.422 | 24.819 | 1.025 |
| 9/24/2018 1:15 | 1566900 | 22.375 | 14.518 | 50.402 | 40286.156 | 50370.563 | 33 | 34251.988 | 24.822 | 1.025 |
| 9/24/2018 1:30 | 1567800 | 22.376 | 14.526 | 50.405 | 40317.359 | 50400.418 | 33.022 | 34272.285 | 24.803 | 1.025 |
| 9/24/2018 1:45 | 1568700 | 22.376 | 14.524 | 50.403 | 40288.813 | 50366.652 | 32.997 | 34249.324 | 24.821 | 1.025 |
| 9/24/2018 2:00 | 1569600 | 22.371 | 14.515 | 50.392 | 40335.02 | 50435.387 | 33.047 | 34296.063 | 24.792 | 1.025 |
| 9/24/2018 2:15 | 1570500 | 22.374 | 14.507 | 50.4 | 40304.855 | 50407.68 | 33.026 | 34277.227 | 24.811 | 1.025 |
| 9/24/2018 2:30 | 1571400 | 22.375 | 14.508 | 50.402 | 40303.648 | 50404.785 | 33.024 | 34275.258 | 24.812 | 1.025 |
| 9/24/2018 2:45 | 1572300 | 22.371 | 14.522 | 50.390 | 40312.328 | 50398.711 | 33.02 | 34271.125 | 24.806 | 1.025 |
| 9/24/2018 3:00 | 1573200 | 22.373 | 14.5 | 50.398 | 40287.383 | 50394.133 | 33.015 | 34268.012 | 24.822 | 1.025 |
| 9/24/2018 3:15 | 1574100 | 22.371 | 14.514 | 50.392 | 40311.27 | 50407.398 | 33.026 | 34277.035 | 24.807 | 1.025 |
| 9/24/2018 3:30 | 1575000 | 22.375 | 14.508 | 50.401 | 40288.664 | 50386.145 | 33.01 | 34262.582 | 24.821 | 1.025 |
| 9/24/2018 3:45 | 1575900 | 22.371 | 14.518 | 50.393 | 40301.527 | 50389.566 | 33.013 | 34264.906 | 24.813 | 1.025 |
| 9/24/2018 4:00 | 1576800 | 22.371 | 14.516 | 50.392 | 40277.121 | 50361.395 | 32.993 | 34245.75 | 24.828 | 1.025 |
| 9/24/2018 4:15 | 1577700 | 22.367 | 14.513 | 50.384 | 40319.668 | 50418.32 | 33.034 | 34284.457 | 24.802 | 1.025 |
| 9/24/2018 4:30 | 1578600 | 22.368 | 14.527 | 50.385 | 40292.559 | 50367.406 | 32.998 | 34249.836 | 24.818 | 1.025 |
| 9/24/2018 4:45 | 1579500 | 22.365 | 14.524 | 50.378 | 40312.688 | 50396.605 | 33.019 | 34269.691 | 24.806 | 1.025 |
| 9/24/2018 5:00 | 1580400 | 22.363 | 14.516 | 50.376 | 40311.48 | 50404.473 | 33.024 | 34275.043 | 24.807 | 1.025 |
| 9/24/2018 5:15 | 1581300 | 22.365 | 14.522 | 50.378 | 40319.598 | 50407.379 | 33.027 | 34277.02 | 24.802 | 1.025 |
| 9/24/2018 5:30 | 1582200 | 22.357 | 14.519 | 50.361 | 40293.879 | 50378.738 | 33.006 | 34257.547 | 24.818 | 1.025 |
| 9/24/2018 5:45 | 1583100 | 22.362 | 14.518 | 50.373 | 40312.188 | 50403.652 | 33.024 | 34274.488 | 24.806 | 1.025 |
| 9/24/2018 6:00 | 1584000 | 22.36 | 14.511 | 50.369 | 40283.93 | 50377.359 | 33.004 | 34256.605 | 24.824 | 1.025 |
| 9/24/2018 6:15 | 1584900 | 22.359 | 14.512 | 50.366 | 40289.73 | 50382.27 | 33.008 | 34259.949 | 24.82 | 1.025 |
| 9/24/2018 6:30 | 1585800 | 22.357 | 14.519 | 50.362 | 40281.949 | 50363.824 | 32.995 | 34247.402 | 24.825 | 1.025 |
| 9/24/2018 6:45 | 1586700 | 22.36 | 14.514 | 50.369 | 40325.477 | 50425.055 | 33.039 | 34289.039 | 24.798 | 1.025 |
| 9/24/2018 7:00 | 1587600 | 22.355 | 14.507 | 50.356 | 40322.359 | 50429.676 | 33.042 | 34292.184 | 24.8 | 1.025 |
| 9/24/2018 7:15 | 1588500 | 22.356 | 14.521 | 50.36 | 40335.188 | 50428.156 | 33.042 | 34291.148 | 24.792 | 1.025 |
| 9/24/2018 7:30 | 1589400 | 22.356 | 14.506 | 50.36 | 40315.449 | 50421.555 | 33.036 | 34286.66 | 24.804 | 1.025 |
| 9/24/2018 7:45 | 1590300 | 22.353 | 14.519 | 50.352 | 40269.7 | 50347.945 | 32.983 | 34236.602 | 24.833 | 1.025 |
| 9/24/2018 8:00 | 1591200 | 22.356 | 14.512 | 50.359 | 40268.137 | 50355.16 | 32.988 | 34241.508 | 24.834 | 1.025 |
| 9/24/2018 8:15 | 1592100 | 22.353 | 14.51 | 50.352 | 40306.027 | 50405.309 | 33.024 | 34275.613 | 24.81 | 1.025 |
| 9/24/2018 8:30 | 1593000 | 22.359 | 14.498 | 50.366 | 40301.41 | 50413.262 | 33.029 | 34281.02 | 24.813 | 1.025 |
| 9/24/2018 8:45 | 1593900 | 22.359 | 14.5 | 50.366 | 40270.953 | 50373.352 | 33 | 34253.879 | 24.832 | 1.025 |
| 9/24/2018 9:00 | 1594800 | 22.354 | 14.496 | 50.355 | 40272.008 | 50379.16 | 33.004 | 34257.832 | 24.831 | 1.025 |
| 9/24/2018 9:15 | 1595700 | 22.359 | 14.5 | 50.366 | 40292.09 | 50399.477 | 33.019 | 34271.645 | 24.819 | 1.025 |
| 9/24/2018 9:30 | 1596600 | 22.356 | 14.492 | 50.36 | 40282.457 | 50396.809 | 33.017 | 34269.832 | 24.825 | 1.025 |
| 9/24/2018 9:45 | 1597500 | 22.356 | 14.487 | 50.36 | 40268.938 | 50386.387 | 33.009 | 34262.746 | 24.833 | 1.025 |
| 9/24/2018 10:00 | 1598400 | 22.36 | 14.484 | 50.368 | 40295.863 | 50378.438 | 33.002 | 34257.336 | 24.839 | 1.025 |
| 9/24/2018 10:15 | 1599300 | 22.36 | 14.485 | 50.368 | 40231.398 | 50342.078 | 32.976 | 34232.617 | 24.856 | 1.025 |
| 9/24/2018 10:30 | 1600200 | 22.357 | 14.481 | 50.361 | 40266.832 | 50390.891 | 33.011 | 34265.809 | 24.834 | 1.025 |
| 9/24/2018 10:45 | 1601100 | 22.361 | 14.486 | 50.37 | 40295.563 | 50420.457 | 33.033 | 34285.91 | 24.817 | 1.025 |
| 9/24/2018 11:00 | 1602000 | 22.358 | 14.479 | 50.364 | 40250.762 | 50373.234 | 32.998 | 34253.805 | 24.844 | 1.025 |
| 9/24/2018 11:15 | 1602900 | 22.362 | 14.489 | 50.373 | 40257.707 | 50369.563 | 32.996 | 34251.305 | 24.84 | 1.025 |
| 9/24/2018 11:30 | 1603800 | 22.365 | 14.484 | 50.38 | 40281.434 | 50405.641 | 33.022 | 34275.836 | 24.825 | 1.025 |
| 9/24/2018 11:45 | 1604700 | 22.365 | 14.487 | 50.378 | 40267.012 | 50384.301 | 33.007 | 34261.324 | 24.834 | 1.025 |
| 9/24/2018 12:00 | 1605600 | 22.362 | 14.485 | 50.373 | 40268.367 | 50388.367 | 33.01 | 34264.09 | 24.833 | 1.025 |
| 9/24/2018 12:15 | 1606500 | 22.366 | 14.484 | 50.381 | 40268.359 | 50389.918 | 33.011 | 34265.145 | 24.833 | 1.025 |
| 9/24/2018 12:30 | 1607400 | 22.365 | 14.492 | 50.38 | 40260.809 | 50370.457 | 32.997 | 34251.91 | 24.838 | 1.025 |
| 9/24/2018 12:45 | 1608300 | 22.365 | 14.49 | 50.38 | 40262.277 | 50374.746 | 33 | 34254.828 | 24.837 | 1.025 |
| 9/24/2018 13:00 | 1609200 | 22.362 | 14.492 | 50.372 | 40270.566 | 50382.996 | 33.006 | 34260.441 | 24.832 | 1.025 |
| 9/24/2018 13:15 | 1610100 | 22.363 | 14.484 | 50.375 | 40256.965 | 50374.602 | 33 | 34254.73 | 24.84 | 1.025 |
| 9/24/2018 13:30 | 1611000 | 22.357 | 14.492 | 50.362 | 40279.324 | 50393.098 | 33.014 | 34267.313 | 24.827 | 1.025 |
| 9/24/2018 13:45 | 1611900 | 22.365 | 14.497 | 50.378 | 40245.277 | 50344.328 | 32.979 | 34234.145 | 24.848 | 1.025 |
| 9/24/2018 14:00 | 1612800 | 22.363 | 14.492 | 50.374 | 40259.949 | 50369.379 | 32.997 | 34251.184 | 24.839 | 1.025 |
| 9/24/2018 14:15 | 1613700 | 22.361 | 14.484 | 50.37 | 40245.328 | 50360.566 | 32.998 | 34245.188 | 24.848 | 1.025 |
| 9/24/2018 14:30 | 1614600 | 22.362 | 14.48 | 50.372 | 40241.207 | 50359.777 | 32.989 | | | |

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|-----------------|---------|--------|--------|--------|-----------|-----------|--------|-----------|--------|-------|
| 9/25/2018 13:30 | 1697400 | 22.338 | 14.481 | 50.318 | 40254.805 | 50375.527 | 33 | 34255.359 | 24.842 | 1.025 |
| 9/25/2018 13:45 | 1698300 | 22.335 | 14.481 | 50.311 | 40234.34 | 50350.02 | 32.981 | 34238.016 | 24.854 | 1.025 |
| 9/25/2018 14:00 | 1699200 | 22.338 | 14.481 | 50.318 | 40236.633 | 50353.309 | 32.984 | 34240.254 | 24.853 | 1.025 |
| 9/25/2018 14:15 | 1700100 | 22.337 | 14.476 | 50.316 | 40244.32 | 50368.359 | 32.994 | 34250.484 | 24.848 | 1.025 |
| 9/25/2018 14:30 | 1701000 | 22.334 | 14.487 | 50.311 | 40241.711 | 50352.008 | 32.983 | 34239.367 | 24.85 | 1.025 |
| 9/25/2018 14:45 | 1701900 | 22.33 | 14.485 | 50.301 | 40275.43 | 50356.652 | 33.016 | 34269.727 | 24.829 | 1.025 |
| 9/25/2018 15:00 | 1702800 | 22.328 | 14.485 | 50.297 | 40262.988 | 50381.816 | 33.005 | 34259.641 | 24.837 | 1.025 |
| 9/25/2018 15:15 | 1703700 | 22.328 | 14.489 | 50.297 | 40268.922 | 50384.445 | 33.007 | 34261.426 | 24.833 | 1.025 |
| 9/25/2018 15:30 | 1704600 | 22.327 | 14.491 | 50.293 | 40276.246 | 50390.625 | 33.012 | 34265.625 | 24.829 | 1.025 |
| 9/25/2018 15:45 | 1705500 | 22.323 | 14.481 | 50.285 | 40253.113 | 50373.512 | 32.999 | 34253.988 | 24.843 | 1.025 |
| 9/25/2018 16:00 | 1706400 | 22.322 | 14.491 | 50.283 | 40281.844 | 50397.305 | 33.017 | 34270.168 | 24.825 | 1.025 |
| 9/25/2018 16:15 | 1707300 | 22.315 | 14.49 | 50.266 | 40250.688 | 50359.934 | 32.989 | 34244.754 | 24.844 | 1.025 |
| 9/25/2018 16:30 | 1708200 | 22.319 | 14.488 | 50.276 | 40245.656 | 50355.871 | 32.986 | 34241.992 | 24.847 | 1.025 |
| 9/25/2018 16:45 | 1709100 | 22.311 | 14.494 | 50.257 | 40273.738 | 50384.191 | 33.007 | 34261.254 | 24.83 | 1.025 |
| 9/25/2018 17:00 | 1710000 | 22.309 | 14.495 | 50.254 | 40260.809 | 50366.84 | 32.995 | 34249.453 | 24.838 | 1.025 |
| 9/25/2018 17:15 | 1710900 | 22.302 | 14.488 | 50.238 | 40238.461 | 50347.188 | 32.98 | 34236.086 | 24.852 | 1.025 |
| 9/25/2018 17:30 | 1711800 | 22.3 | 14.497 | 50.232 | 40262.313 | 50366.059 | 32.995 | 34248.926 | 24.837 | 1.025 |
| 9/25/2018 17:45 | 1712700 | 22.298 | 14.493 | 50.228 | 40258.051 | 50365.52 | 32.994 | 34248.559 | 24.84 | 1.025 |
| 9/25/2018 18:00 | 1713600 | 22.297 | 14.496 | 50.225 | 40230.887 | 50327.82 | 32.966 | 34222.918 | 24.857 | 1.025 |
| 9/25/2018 18:15 | 1714500 | 22.297 | 14.495 | 50.226 | 40271.973 | 50380.492 | 33.005 | 34258.734 | 24.831 | 1.025 |
| 9/25/2018 18:30 | 1715400 | 22.297 | 14.501 | 50.226 | 40278.184 | 50380.703 | 33.006 | 34258.879 | 24.827 | 1.025 |
| 9/25/2018 18:45 | 1716300 | 22.294 | 14.507 | 50.219 | 40257.949 | 50348.797 | 32.983 | 34237.188 | 24.84 | 1.025 |
| 9/25/2018 19:00 | 1717200 | 22.288 | 14.505 | 50.206 | 40278.137 | 50376.598 | 33.003 | 34256.09 | 24.827 | 1.025 |
| 9/25/2018 19:15 | 1718100 | 22.291 | 14.517 | 50.212 | 40314.852 | 50407.93 | 33.027 | 34277.395 | 24.805 | 1.025 |
| 9/25/2018 19:30 | 1719000 | 22.292 | 14.508 | 50.214 | 40296.418 | 50395.629 | 33.017 | 34269.027 | 24.816 | 1.025 |
| 9/25/2018 19:45 | 1719900 | 22.288 | 14.506 | 50.207 | 40281.957 | 50380.199 | 33.006 | 34258.539 | 24.825 | 1.025 |
| 9/25/2018 20:00 | 1720800 | 22.294 | 14.504 | 50.219 | 40283.313 | 50384.551 | 33.009 | 34261.496 | 24.824 | 1.025 |
| 9/25/2018 20:15 | 1721700 | 22.294 | 14.5 | 50.22 | 40267.492 | 50368.711 | 32.997 | 34250.727 | 24.834 | 1.025 |
| 9/25/2018 20:30 | 1722600 | 22.296 | 14.492 | 50.224 | 40278.883 | 50392.648 | 33.014 | 34267.004 | 24.827 | 1.025 |
| 9/25/2018 20:45 | 1723500 | 22.295 | 14.503 | 50.223 | 40282.363 | 50383.703 | 33.008 | 34260.922 | 24.825 | 1.025 |
| 9/25/2018 21:00 | 1724400 | 22.297 | 14.509 | 50.225 | 40261.441 | 50350.621 | 32.984 | 34238.422 | 24.838 | 1.025 |
| 9/25/2018 21:15 | 1725300 | 22.301 | 14.504 | 50.235 | 40259.355 | 50354.48 | 32.987 | 34241.047 | 24.839 | 1.025 |
| 9/25/2018 21:30 | 1726200 | 22.301 | 14.503 | 50.235 | 40282.32 | 50383.961 | 33.008 | 34261.098 | 24.825 | 1.025 |
| 9/25/2018 21:45 | 1727100 | 22.304 | 14.497 | 50.243 | 40271.309 | 50377.965 | 33.003 | 34257.02 | 24.832 | 1.025 |
| 9/25/2018 22:00 | 1728000 | 22.305 | 14.49 | 50.245 | 40265.164 | 50378.359 | 33.003 | 34257.285 | 24.835 | 1.025 |
| 9/25/2018 22:15 | 1728900 | 22.305 | 14.484 | 50.244 | 40251.223 | 50367.941 | 32.995 | 34250.203 | 24.844 | 1.025 |
| 9/25/2018 22:30 | 1729800 | 22.309 | 14.493 | 50.253 | 40277.113 | 50388.945 | 33.011 | 34264.484 | 24.828 | 1.025 |
| 9/25/2018 22:45 | 1730700 | 22.311 | 14.491 | 50.257 | 40267.297 | 50379.641 | 33.004 | 34258.16 | 24.834 | 1.025 |
| 9/25/2018 23:00 | 1731600 | 22.315 | 14.483 | 50.266 | 40273.063 | 50395.922 | 33.015 | 34269.23 | 24.83 | 1.025 |
| 9/25/2018 23:15 | 1732500 | 22.322 | 14.488 | 50.283 | 40246.379 | 50356.887 | 32.987 | 34242.684 | 24.847 | 1.025 |
| 9/25/2018 23:30 | 1733400 | 22.32 | 14.486 | 50.278 | 40241.227 | 50352.672 | 32.984 | 34239.82 | 24.85 | 1.025 |
| 9/25/2018 23:45 | 1734300 | 22.326 | 14.477 | 50.291 | 40248.039 | 50371.945 | 32.997 | 34252.922 | 24.846 | 1.025 |
| 9/26/2018 0:00 | 1735200 | 22.328 | 14.486 | 50.296 | 40247.527 | 50360.977 | 32.99 | 34245.469 | 24.846 | 1.025 |
| 9/26/2018 0:15 | 1736100 | 22.328 | 14.491 | 50.297 | 40267.586 | 50379.367 | 33.004 | 34257.969 | 24.834 | 1.025 |
| 9/26/2018 0:30 | 1737000 | 22.333 | 14.475 | 50.307 | 40233.957 | 50356.883 | 32.986 | 34242.68 | 24.855 | 1.025 |
| 9/26/2018 0:45 | 1737900 | 22.335 | 14.483 | 50.311 | 40253.992 | 50372.59 | 32.998 | 34253.363 | 24.842 | 1.025 |
| 9/26/2018 1:00 | 1738800 | 22.333 | 14.472 | 50.307 | 40234.328 | 50361.27 | 32.989 | 34245.668 | 24.854 | 1.025 |
| 9/26/2018 1:15 | 1739700 | 22.339 | 14.471 | 50.32 | 40222.59 | 50347.766 | 32.979 | 34236.48 | 24.862 | 1.025 |
| 9/26/2018 1:30 | 1740600 | 22.337 | 14.482 | 50.316 | 40234.379 | 50349.629 | 32.981 | 34237.746 | 24.854 | 1.025 |
| 9/26/2018 1:45 | 1741500 | 22.341 | 14.486 | 50.326 | 40242.242 | 50353.941 | 32.985 | 34240.68 | 24.85 | 1.025 |
| 9/26/2018 2:00 | 1742400 | 22.34 | 14.48 | 50.323 | 40233.809 | 50351.484 | 32.982 | 34239.012 | 24.855 | 1.025 |
| 9/26/2018 2:15 | 1743300 | 22.345 | 14.479 | 50.334 | 40209.102 | 50320.773 | 32.96 | 34218.129 | 24.87 | 1.025 |
| 9/26/2018 2:30 | 1744200 | 22.342 | 14.482 | 50.327 | 40236.23 | 50351.32 | 32.982 | 34238.898 | 24.853 | 1.025 |
| 9/26/2018 2:45 | 1745100 | 22.345 | 14.475 | 50.334 | 40254.535 | 50382.844 | 33.005 | 34260.336 | 24.842 | 1.025 |
| 9/26/2018 3:00 | 1746000 | 22.344 | 14.477 | 50.332 | 40242.234 | 50364.566 | 32.992 | 34247.91 | 24.85 | 1.025 |
| 9/26/2018 3:15 | 1746900 | 22.341 | 14.484 | 50.326 | 40239.41 | 50353.691 | 32.984 | 34240.512 | 24.851 | 1.025 |
| 9/26/2018 3:30 | 1747800 | 22.343 | 14.492 | 50.33 | 40253.445 | 50360.621 | 32.99 | 34245.223 | 24.843 | 1.025 |
| 9/26/2018 3:45 | 1748700 | 22.343 | 14.491 | 50.329 | 40241.48 | 50347.34 | 32.98 | 34236.195 | 24.85 | 1.025 |
| 9/26/2018 4:00 | 1749600 | 22.342 | 14.48 | 50.328 | 40234.711 | 50352.613 | 32.983 | 34239.781 | 24.854 | 1.025 |
| 9/26/2018 4:15 | 1750500 | 22.337 | 14.5 | 50.316 | 40290.211 | 50397.348 | 33.018 | 34270.199 | 24.82 | 1.025 |
| 9/26/2018 4:30 | 1751400 | 22.336 | 14.502 | 50.314 | 40272.996 | 50368.148 | 32.997 | 34250.344 | 24.831 | 1.025 |
| 9/26/2018 4:45 | 1752300 | 22.334 | 14.506 | 50.309 | 40263.969 | 50373.887 | 33 | 34254.242 | 24.836 | 1.025 |
| 9/26/2018 5:00 | 1753200 | 22.334 | 14.487 | 50.309 | 40269.559 | 50387.164 | 33.009 | 34263.273 | 24.833 | 1.025 |
| 9/26/2018 5:15 | 1754100 | 22.333 | 14.498 | 50.308 | 40264.648 | 50367.816 | 32.996 | 34250.117 | 24.836 | 1.025 |
| 9/26/2018 5:30 | 1755000 | 22.327 | 14.49 | 50.295 | 40248.602 | 50357.637 | 32.988 | 34243.195 | 24.846 | 1.025 |
| 9/26/2018 5:45 | 1755900 | 22.33 | 14.505 | 50.301 | 40270.855 | 50366.738 | 32.996 | 34249.387 | 24.832 | 1.025 |
| 9/26/2018 6:00 | 1756800 | 22.325 | 14.514 | 50.29 | 40278.496 | 50366.418 | 32.996 | 34249.164 | 24.827 | 1.025 |
| 9/26/2018 6:15 | 1757700 | 22.323 | 14.509 | 50.285 | 40275.766 | 50368.426 | 32.997 | 34250.535 | 24.829 | 1.025 |
| 9/26/2018 6:30 | 1758600 | 22.321 | 14.511 | 50.28 | 40252.871 | 50337.137 | 32.975 | 34229.254 | 24.843 | 1.025 |
| 9/26/2018 6:45 | 1759500 | 22.323 | 14.521 | 50.286 | 40294.199 | 50376.91 | 33.004 | 34256.301 | 24.817 | 1.025 |
| 9/26/2018 7:00 | 1760400 | 22.318 | 14.507 | 50.273 | 40280.699 | 50376.938 | 33.003 | 34256.316 | 24.826 | 1.025 |
| 9/26/2018 7:15 | 1761300 | 22.316 | 14.507 | 50.268 | 40271.109 | 50365.254 | 32.995 | 34248.371 | 24.832 | 1.025 |
| 9/26/2018 7:30 | 1762200 | 22.313 | 14.514 | 50.261 | 40274.035 | 50359.988 | 32.992 | 34244.793 | 24.83 | 1.025 |
| 9/26/2018 7:45 | 1763100 | 22.314 | 14.511 | 50.264 | 40275.918 | 50365.734 | 32.995 | 34248.699 | 24.829 | 1.025 |
| 9/26/2018 8:00 | 1764000 | 22.312 | 14.521 | 50.26 | 40268.488 | 50344.969 | 32.981 | 34234.582 | 24.833 | 1.025 |
| 9/26/2018 8:15 | 1764900 | 22.314 | 14.513 | 50.264 | 40284.098 | 50374.043 | 33.002 | 34254.348 | 24.824 | 1.025 |
| 9/26/2018 8:30 | 1765800 | 22.31 | 14.515 | 50.256 | 40290.328 | 50379.828 | 33.006 | 34258.285 | 24.82 | 1.025 |
| 9/26/2018 8:45 | 1766700 | 22.312 | 14.509 | 50.26 | 40260.012 | 50348.504 | 32.983 | 34236.984 | 24.839 | 1.025 |
| 9/26/2018 9:00 | 1767600 | 22.31 | 14.511 | 50.256 | 40291.043 | 50384.973 | 33.01 | 34261.785 | 24.819 | 1.025 |
| 9/26/2018 9:15 | 1768500 | 22.316 | 14.502 | 50.27 | 40249.238 | 50343.215 | 32.978 | 34233.387 | 24.845 | 1.025 |
| 9/26/2018 9:30 | 1769400 | 22.314 | 14.503 | 50.265 | 40275.027 | 50374.629 | 33.001 | 34254.75 | 24.829 | 1.025 |
| 9/26/2018 9:45 | 1770300 | 22.313 | 14.501 | 50.262 | 40273.754 | 50375.055 | 33.001 | 34255.039 | 24.83 | 1.025 |
| 9/26/2018 10:00 | 1771200 | 22.315 | 14.506 | 50.267 | 40275.902 | 50372.734 | 33 | 34253.465 | 24.829 | 1.025 |
| 9/26/2018 10:15 | 1772100 | 22.317 | 14.499 | 50.27 | 40264.137 | 50366.109 | 32.995 | 34248.953 | 24.836 | 1.025 |
| 9/26/2018 10:30 | 1773000 | 22.323 | 14.495 | 50.286 | 40297.859 | 50413.418 | 33.029 | 34281.129 | 24.815 | 1.025 |
| 9/26/2018 10:45 | 1773900 | 22.321 | 14.499 | 50.279 | 40272.469 | 50376.855 | 33.003 | 34256.266 | 24.831 | 1.025 |
| 9/26/2018 11:00 | 1774800 | 22.333 | 14.493 | 50.307 | 40242.258 | 50346. | | | | |

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|-----------------|---------|--------|--------|--------|-----------|-----------|--------|-----------|--------|-------|
| 9/27/2018 10:00 | 1857600 | 22.332 | 14.502 | 50.305 | 40300.844 | 50408.297 | 33.026 | 34277.641 | 24.813 | 1.025 |
| 9/27/2018 10:15 | 1858500 | 22.33 | 14.497 | 50.299 | 40274.883 | 50382.336 | 33.006 | 34259.992 | 24.829 | 1.025 |
| 9/27/2018 10:30 | 1859400 | 22.333 | 14.498 | 50.307 | 40276.277 | 50382.047 | 33.006 | 34259.797 | 24.829 | 1.025 |
| 9/27/2018 10:45 | 1860300 | 22.337 | 14.499 | 50.317 | 40296.168 | 50405.641 | 33.024 | 34275.836 | 24.816 | 1.025 |
| 9/27/2018 11:00 | 1861200 | 22.339 | 14.502 | 50.321 | 40274.566 | 50375.43 | 33.002 | 34255.299 | 24.83 | 1.025 |
| 9/27/2018 11:15 | 1862100 | 22.337 | 14.496 | 50.317 | 40271.582 | 50379.473 | 33.004 | 34258.047 | 24.831 | 1.025 |
| 9/27/2018 11:30 | 1863000 | 22.335 | 14.486 | 50.312 | 40276.945 | 50397.473 | 33.017 | 34270.281 | 24.828 | 1.025 |
| 9/27/2018 11:45 | 1863900 | 22.344 | 14.487 | 50.332 | 40281.238 | 50401.578 | 33.02 | 34273.074 | 24.825 | 1.025 |
| 9/27/2018 12:00 | 1864800 | 22.332 | 14.49 | 50.306 | 40263.215 | 50375.707 | 33.001 | 34255.48 | 24.837 | 1.025 |
| 9/27/2018 12:15 | 1865700 | 22.342 | 14.485 | 50.328 | 40271.961 | 50392.516 | 33.013 | 34266.91 | 24.831 | 1.025 |
| 9/27/2018 12:30 | 1866600 | 22.345 | 14.477 | 50.334 | 40238.895 | 50360.5 | 32.989 | 34245.145 | 24.852 | 1.025 |
| 9/27/2018 12:45 | 1867500 | 22.338 | 14.485 | 50.319 | 40248.469 | 50362.688 | 32.991 | 34246.633 | 24.846 | 1.025 |
| 9/27/2018 13:00 | 1868400 | 22.346 | 14.482 | 50.337 | 40234.066 | 50344.453 | 32.978 | 34234.23 | 24.855 | 1.025 |
| 9/27/2018 13:15 | 1869300 | 22.349 | 14.486 | 50.344 | 40244.23 | 50361.754 | 32.99 | 34245.996 | 24.848 | 1.025 |
| 9/27/2018 13:30 | 1870200 | 22.347 | 14.484 | 50.339 | 40257.133 | 50375.34 | 33 | 34255.234 | 24.84 | 1.025 |
| 9/27/2018 13:45 | 1871100 | 22.35 | 14.486 | 50.346 | 40241.902 | 50354.156 | 32.985 | 34240.828 | 24.85 | 1.025 |
| 9/27/2018 14:00 | 1872000 | 22.351 | 14.484 | 50.348 | 40249 | 50365.379 | 32.993 | 34248.457 | 24.845 | 1.025 |
| 9/27/2018 14:15 | 1872900 | 22.35 | 14.479 | 50.346 | 40260.766 | 50385.32 | 33.007 | 34262.02 | 24.838 | 1.025 |
| 9/27/2018 14:30 | 1873800 | 22.351 | 14.48 | 50.348 | 40269.898 | 50396.531 | 33.015 | 34269.641 | 24.832 | 1.025 |
| 9/27/2018 14:45 | 1874700 | 22.354 | 14.482 | 50.354 | 40235.613 | 50350.859 | 32.982 | 34238.586 | 24.854 | 1.025 |
| 9/27/2018 15:00 | 1875600 | 22.356 | 14.489 | 50.36 | 40265.512 | 50379.637 | 33.004 | 34258.156 | 24.835 | 1.025 |
| 9/27/2018 15:15 | 1876500 | 22.354 | 14.477 | 50.355 | 40231.492 | 50351.883 | 32.982 | 34239.285 | 24.856 | 1.025 |
| 9/27/2018 15:30 | 1877400 | 22.35 | 14.491 | 50.346 | 40284.613 | 50400.883 | 33.019 | 34272.602 | 24.823 | 1.025 |
| 9/27/2018 15:45 | 1878300 | 22.349 | 14.494 | 50.344 | 40266.266 | 50374.211 | 33 | 34254.469 | 24.835 | 1.025 |
| 9/27/2018 16:00 | 1879200 | 22.351 | 14.497 | 50.348 | 40253.707 | 50355.082 | 32.987 | 34241.457 | 24.842 | 1.025 |
| 9/27/2018 16:15 | 1880100 | 22.349 | 14.497 | 50.343 | 40257.668 | 50360.246 | 32.99 | 34244.973 | 24.84 | 1.025 |
| 9/27/2018 16:30 | 1881000 | 22.345 | 14.502 | 50.335 | 40270.391 | 50370.633 | 32.998 | 34252.035 | 24.832 | 1.025 |
| 9/27/2018 16:45 | 1881900 | 22.344 | 14.498 | 50.332 | 40240.801 | 50337.551 | 32.974 | 34229.539 | 24.85 | 1.025 |
| 9/27/2018 17:00 | 1882800 | 22.342 | 14.507 | 50.327 | 40267.805 | 50361.121 | 32.992 | 34245.563 | 24.834 | 1.025 |
| 9/27/2018 17:15 | 1883700 | 22.342 | 14.509 | 50.327 | 40291.449 | 50388.574 | 33.012 | 34264.234 | 24.819 | 1.025 |
| 9/27/2018 17:30 | 1884600 | 22.342 | 14.509 | 50.328 | 40289.227 | 50385.141 | 33.009 | 34261.898 | 24.821 | 1.025 |
| 9/27/2018 17:45 | 1885500 | 22.337 | 14.503 | 50.317 | 40272.23 | 50371.34 | 32.999 | 34252.516 | 24.831 | 1.025 |
| 9/27/2018 18:00 | 1886400 | 22.338 | 14.502 | 50.318 | 40265.469 | 50363.727 | 32.993 | 34247.336 | 24.835 | 1.025 |
| 9/27/2018 18:15 | 1887300 | 22.336 | 14.517 | 50.314 | 40291.426 | 50378.324 | 33.005 | 34257.262 | 24.819 | 1.025 |
| 9/27/2018 18:30 | 1888200 | 22.337 | 14.52 | 50.316 | 40288.273 | 50371.402 | 33 | 34252.555 | 24.821 | 1.025 |
| 9/27/2018 18:45 | 1889100 | 22.333 | 14.517 | 50.307 | 40291.465 | 50378.16 | 33.005 | 34257.148 | 24.819 | 1.025 |
| 9/27/2018 19:00 | 1890000 | 22.328 | 14.519 | 50.296 | 40289.301 | 50373.551 | 33.002 | 34254.016 | 24.82 | 1.025 |
| 9/27/2018 19:15 | 1890900 | 22.328 | 14.534 | 50.296 | 40294.621 | 50362.539 | 32.995 | 34246.527 | 24.817 | 1.025 |
| 9/27/2018 19:30 | 1891800 | 22.323 | 14.525 | 50.285 | 40288.945 | 50365.852 | 32.997 | 34248.781 | 24.821 | 1.025 |
| 9/27/2018 19:45 | 1892700 | 22.325 | 14.511 | 50.29 | 40268.145 | 50356.977 | 32.989 | 34242.75 | 24.834 | 1.025 |
| 9/27/2018 20:00 | 1893600 | 22.322 | 14.519 | 50.283 | 40292.848 | 50377.871 | 33.005 | 34256.953 | 24.818 | 1.025 |
| 9/27/2018 20:15 | 1894500 | 22.321 | 14.519 | 50.279 | 40274.859 | 50355.379 | 32.989 | 34241.656 | 24.829 | 1.025 |
| 9/27/2018 20:30 | 1895400 | 22.318 | 14.526 | 50.274 | 40287.855 | 50363.336 | 32.995 | 34247.07 | 24.821 | 1.025 |
| 9/27/2018 20:45 | 1896300 | 22.316 | 14.529 | 50.269 | 40314.953 | 50394.016 | 33.018 | 34267.934 | 24.805 | 1.025 |
| 9/27/2018 21:00 | 1897200 | 22.318 | 14.515 | 50.274 | 40288.027 | 50376.195 | 33.003 | 34255.813 | 24.821 | 1.025 |
| 9/27/2018 21:15 | 1898100 | 22.316 | 14.5 | 50.268 | 40314.066 | 50427.07 | 33.039 | 34290.41 | 24.805 | 1.025 |
| 9/27/2018 21:30 | 1899000 | 22.316 | 14.502 | 50.27 | 40291.887 | 50397.191 | 33.018 | 34270.094 | 24.819 | 1.025 |
| 9/27/2018 21:45 | 1899900 | 22.313 | 14.524 | 50.262 | 40294.438 | 50373.996 | 33.003 | 34254.316 | 24.817 | 1.025 |
| 9/27/2018 22:00 | 1900800 | 22.312 | 14.517 | 50.26 | 40324.734 | 50420.184 | 33.036 | 34285.727 | 24.799 | 1.025 |
| 9/27/2018 22:15 | 1901700 | 22.314 | 14.508 | 50.265 | 40268.488 | 50360.383 | 32.991 | 34245.063 | 24.833 | 1.025 |
| 9/27/2018 22:30 | 1902600 | 22.315 | 14.509 | 50.267 | 40294.477 | 50391.707 | 33.014 | 34266.359 | 24.817 | 1.025 |
| 9/27/2018 22:45 | 1903500 | 22.312 | 14.504 | 50.26 | 40305.352 | 50412.117 | 33.029 | 34280.238 | 24.811 | 1.025 |
| 9/27/2018 23:00 | 1904400 | 22.314 | 14.497 | 50.264 | 40274.559 | 50381.168 | 33.006 | 34259.195 | 24.83 | 1.025 |
| 9/27/2018 23:15 | 1905300 | 22.314 | 14.496 | 50.264 | 40269.813 | 50376.414 | 33.002 | 34255.961 | 24.832 | 1.025 |
| 9/27/2018 23:30 | 1906200 | 22.312 | 14.496 | 50.26 | 40291.035 | 50403.809 | 33.022 | 34274.594 | 24.819 | 1.025 |
| 9/27/2018 23:45 | 1907100 | 22.312 | 14.495 | 50.26 | 40269.699 | 50377.852 | 33.003 | 34256.938 | 24.833 | 1.025 |
| 9/28/2018 0:00 | 1908000 | 22.316 | 14.5 | 50.268 | 40304.324 | 50415.633 | 33.031 | 34282.633 | 24.811 | 1.025 |
| 9/28/2018 0:15 | 1908900 | 22.315 | 14.486 | 50.266 | 40290.43 | 50414.137 | 33.029 | 34281.617 | 24.82 | 1.025 |
| 9/28/2018 0:30 | 1909800 | 22.318 | 14.488 | 50.273 | 40288.328 | 50409.262 | 33.025 | 34278.297 | 24.821 | 1.025 |
| 9/28/2018 0:45 | 1910700 | 22.318 | 14.496 | 50.273 | 40284.52 | 50394.582 | 33.015 | 34268.316 | 24.823 | 1.025 |
| 9/28/2018 1:00 | 1911600 | 22.318 | 14.505 | 50.273 | 40270.617 | 50366.668 | 32.996 | 34249.336 | 24.832 | 1.025 |
| 9/28/2018 1:15 | 1912500 | 22.318 | 14.501 | 50.274 | 40268.344 | 50369.031 | 32.997 | 34250.941 | 24.833 | 1.025 |
| 9/28/2018 1:30 | 1913400 | 22.324 | 14.494 | 50.288 | 40276.512 | 50387.238 | 33.01 | 34263.324 | 24.828 | 1.025 |
| 9/28/2018 1:45 | 1914300 | 22.321 | 14.488 | 50.28 | 40214.641 | 50316.738 | 32.958 | 34215.387 | 24.867 | 1.025 |
| 9/28/2018 2:00 | 1915200 | 22.324 | 14.49 | 50.287 | 40301.379 | 50423.355 | 33.036 | 34287.883 | 24.813 | 1.025 |
| 9/28/2018 2:15 | 1916100 | 22.327 | 14.5 | 50.293 | 40263.797 | 50364.188 | 32.993 | 34247.648 | 24.836 | 1.025 |
| 9/28/2018 2:30 | 1917000 | 22.329 | 14.488 | 50.298 | 40251.863 | 50364.398 | 32.993 | 34247.797 | 24.844 | 1.025 |
| 9/28/2018 2:45 | 1917900 | 22.33 | 14.481 | 50.299 | 40255.906 | 50376.793 | 33.001 | 34256.223 | 24.841 | 1.025 |
| 9/28/2018 3:00 | 1918800 | 22.329 | 14.476 | 50.298 | 40244.594 | 50369.668 | 32.995 | 34251.379 | 24.848 | 1.025 |
| 9/28/2018 3:15 | 1919700 | 22.332 | 14.475 | 50.295 | 40240.898 | 50365.996 | 32.993 | 34248.883 | 24.85 | 1.025 |
| 9/28/2018 3:30 | 1920600 | 22.333 | 14.479 | 50.307 | 40254.254 | 50377.703 | 33.002 | 34256.84 | 24.842 | 1.025 |
| 9/28/2018 3:45 | 1921500 | 22.333 | 14.482 | 50.307 | 40279.371 | 50405.828 | 33.022 | 34275.965 | 24.827 | 1.025 |
| 9/28/2018 4:00 | 1922400 | 22.331 | 14.48 | 50.304 | 40264.488 | 50389.129 | 33.01 | 34264.609 | 24.836 | 1.025 |
| 9/28/2018 4:15 | 1923300 | 22.336 | 14.503 | 50.314 | 40262.496 | 50359.055 | 32.99 | 34244.16 | 24.837 | 1.025 |
| 9/28/2018 4:30 | 1924200 | 22.33 | 14.507 | 50.301 | 40257.059 | 50348.004 | 32.982 | 34236.645 | 24.84 | 1.025 |
| 9/28/2018 4:45 | 1925100 | 22.336 | 14.505 | 50.314 | 40281.949 | 50380.945 | 33.006 | 34259.043 | 24.825 | 1.025 |
| 9/28/2018 5:00 | 1926000 | 22.333 | 14.498 | 50.307 | 40263.871 | 50366.301 | 32.995 | 34249.09 | 24.836 | 1.025 |
| 9/28/2018 5:15 | 1926900 | 22.328 | 14.497 | 50.297 | 40304.172 | 50418.852 | 33.033 | 34284.82 | 24.811 | 1.025 |
| 9/28/2018 5:30 | 1927800 | 22.332 | 14.493 | 50.305 | 40249.871 | 50355.387 | 32.986 | 34241.664 | 24.845 | 1.025 |
| 9/28/2018 5:45 | 1928700 | 22.33 | 14.516 | 50.299 | 40300.922 | 50391.465 | 33.015 | 34266.195 | 24.813 | 1.025 |
| 9/28/2018 6:00 | 1929600 | 22.327 | 14.512 | 50.295 | 40264.32 | 50350.922 | 32.985 | 34238.633 | 24.836 | 1.025 |
| 9/28/2018 6:15 | 1930500 | 22.327 | 14.513 | 50.294 | 40299 | 50393.328 | 33.016 | 34267.469 | 24.815 | 1.025 |
| 9/28/2018 6:30 | 1931400 | 22.326 | 14.501 | 50.292 | 40291.352 | 50397.066 | 33.018 | 34270.004 | 24.819 | 1.025 |
| 9/28/2018 6:45 | 1932300 | 22.325 | 14.512 | 50.29 | 40307.406 | 50403.953 | 33.023 | 34274.688 | 24.809 | 1.025 |
| 9/28/2018 7:00 | 1933200 | 22.323 | 14.52 | 50.285 | 40302.695 | 50388.797 | 33.013 | 34264.387 | 24.812 | 1.025 |
| 9/28/2018 7:15 | 1934100 | 22.321 | 14.521 | 50.28 | 40276.699 | 50355.031 | 32.988 | 34241.426 | 24.828 | 1.025 |
| 9/28/2018 7:30 | 1935000 | 22.321 | 14.521 | 50.28 | 40318.887 | | | | | |

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|-----------------|---------|--------|--------|--------|-----------|-----------|--------|-----------|--------|-------|
| 9/29/2018 6:30 | 2017800 | 22.301 | 14.513 | 50.235 | 40293.375 | 50385.867 | 33.01 | 34262.395 | 24.818 | 1.025 |
| 9/29/2018 6:45 | 2018700 | 22.305 | 14.505 | 50.245 | 40260.875 | 50354.164 | 32.987 | 34240.832 | 24.838 | 1.025 |
| 9/29/2018 7:00 | 2019600 | 22.307 | 14.507 | 50.249 | 40276.785 | 50349.797 | 32.983 | 34237.867 | 24.839 | 1.025 |
| 9/29/2018 7:15 | 2020500 | 22.306 | 14.511 | 50.245 | 40276.785 | 50357.254 | 32.99 | 34242.934 | 24.828 | 1.025 |
| 9/29/2018 7:30 | 2021400 | 22.304 | 14.519 | 50.241 | 40280.207 | 50371.633 | 33 | 34252.711 | 24.826 | 1.025 |
| 9/29/2018 7:45 | 2022300 | 22.303 | 14.523 | 50.239 | 40316.836 | 50402.531 | 33.023 | 34273.723 | 24.804 | 1.025 |
| 9/29/2018 8:00 | 2023200 | 22.304 | 14.514 | 50.243 | 40304.109 | 50398.02 | 33.019 | 34270.652 | 24.811 | 1.025 |
| 9/29/2018 8:15 | 2024100 | 22.302 | 14.519 | 50.238 | 40304.141 | 50391.992 | 33.015 | 34266.555 | 24.811 | 1.025 |
| 9/29/2018 8:30 | 2025000 | 22.301 | 14.498 | 50.234 | 40266.355 | 50370.27 | 32.998 | 34251.785 | 24.835 | 1.025 |
| 9/29/2018 8:45 | 2025900 | 22.297 | 14.5 | 50.225 | 40276.414 | 50380.301 | 33.005 | 34258.605 | 24.828 | 1.025 |
| 9/29/2018 9:00 | 2026800 | 22.302 | 14.517 | 50.238 | 40313.109 | 50406.07 | 33.025 | 34276.129 | 24.806 | 1.025 |
| 9/29/2018 9:15 | 2027700 | 22.301 | 14.516 | 50.235 | 40273.203 | 50356.383 | 32.989 | 34242.34 | 24.83 | 1.025 |
| 9/29/2018 9:30 | 2028600 | 22.294 | 14.521 | 50.219 | 40301.742 | 50386.543 | 33.011 | 34262.848 | 24.813 | 1.025 |
| 9/29/2018 9:45 | 2029500 | 22.302 | 14.52 | 50.238 | 40292.492 | 50376.465 | 33.004 | 34255.996 | 24.819 | 1.025 |
| 9/29/2018 10:00 | 2030400 | 22.303 | 14.513 | 50.239 | 40285.297 | 50375.234 | 33.003 | 34255.16 | 24.823 | 1.025 |
| 9/29/2018 10:15 | 2031300 | 22.302 | 14.52 | 50.238 | 40328.813 | 50421.344 | 33.037 | 34286.52 | 24.796 | 1.025 |
| 9/29/2018 10:30 | 2032200 | 22.302 | 14.522 | 50.238 | 40319.703 | 50408.035 | 33.027 | 34277.465 | 24.802 | 1.025 |
| 9/29/2018 10:45 | 2033100 | 22.309 | 14.506 | 50.253 | 40284.551 | 50383.445 | 33.008 | 34280.742 | 24.823 | 1.025 |
| 9/29/2018 11:00 | 2034000 | 22.307 | 14.499 | 50.249 | 40285.367 | 50393.086 | 33.014 | 34267.301 | 24.823 | 1.025 |
| 9/29/2018 11:15 | 2034900 | 22.31 | 14.522 | 50.256 | 40290.938 | 50372.391 | 33.001 | 34253.227 | 24.819 | 1.025 |
| 9/29/2018 11:30 | 2035800 | 22.314 | 14.524 | 50.264 | 40309.391 | 50392.484 | 33.016 | 34266.891 | 24.808 | 1.025 |
| 9/29/2018 11:45 | 2036700 | 22.318 | 14.508 | 50.274 | 40295.355 | 50393.879 | 33.016 | 34267.84 | 24.817 | 1.025 |
| 9/29/2018 12:00 | 2037600 | 22.319 | 14.515 | 50.276 | 40302.66 | 50395.027 | 33.017 | 34268.621 | 24.812 | 1.025 |
| 9/29/2018 12:15 | 2038500 | 22.32 | 14.513 | 50.278 | 40278.723 | 50367.855 | 32.997 | 34250.141 | 24.827 | 1.025 |
| 9/29/2018 12:30 | 2039400 | 22.327 | 14.503 | 50.293 | 40294.086 | 50398.785 | 33.019 | 34271.18 | 24.818 | 1.025 |
| 9/29/2018 12:45 | 2040300 | 22.33 | 14.501 | 50.299 | 40252.73 | 50349.402 | 32.983 | 34237.594 | 24.843 | 1.025 |
| 9/29/2018 13:00 | 2041200 | 22.335 | 14.508 | 50.312 | 40280.27 | 50375.547 | 33.002 | 34255.371 | 24.826 | 1.025 |
| 9/29/2018 13:15 | 2042100 | 22.332 | 14.512 | 50.304 | 40264 | 50350.41 | 32.984 | 34238.277 | 24.836 | 1.025 |
| 9/29/2018 13:30 | 2043000 | 22.338 | 14.502 | 50.318 | 40268.789 | 50368.301 | 32.997 | 34250.445 | 24.833 | 1.025 |
| 9/29/2018 13:45 | 2043900 | 22.339 | 14.496 | 50.321 | 40270.25 | 50376.852 | 33.002 | 34256.262 | 24.832 | 1.025 |
| 9/29/2018 14:00 | 2044800 | 22.345 | 14.497 | 50.334 | 40286.496 | 50396.742 | 33.017 | 34269.785 | 24.822 | 1.025 |
| 9/29/2018 14:15 | 2045700 | 22.344 | 14.502 | 50.332 | 40284.699 | 50388.531 | 33.011 | 34264.207 | 24.823 | 1.025 |
| 9/29/2018 14:30 | 2046600 | 22.346 | 14.503 | 50.337 | 40287.344 | 50390.453 | 33.013 | 34265.512 | 24.822 | 1.025 |
| 9/29/2018 14:45 | 2047500 | 22.352 | 14.501 | 50.35 | 40292.77 | 50399.684 | 33.019 | 34271.785 | 24.818 | 1.025 |
| 9/29/2018 15:00 | 2048400 | 22.347 | 14.511 | 50.339 | 40280.91 | 50372.82 | 33.001 | 34253.52 | 24.826 | 1.025 |
| 9/29/2018 15:15 | 2049300 | 22.352 | 14.508 | 50.349 | 40268.105 | 50360.012 | 32.991 | 34244.813 | 24.834 | 1.025 |
| 9/29/2018 15:30 | 2050200 | 22.354 | 14.509 | 50.354 | 40262.996 | 50352.668 | 32.986 | 34239.82 | 24.837 | 1.025 |
| 9/29/2018 15:45 | 2051100 | 22.356 | 14.501 | 50.359 | 40273.68 | 50375.707 | 33.002 | 34255.48 | 24.83 | 1.025 |
| 9/29/2018 16:00 | 2052000 | 22.358 | 14.5 | 50.364 | 40279.707 | 50383.766 | 33.008 | 34260.965 | 24.826 | 1.025 |
| 9/29/2018 16:15 | 2052900 | 22.36 | 14.506 | 50.369 | 40299.285 | 50401.98 | 33.021 | 34273.352 | 24.814 | 1.025 |
| 9/29/2018 16:30 | 2053800 | 22.361 | 14.513 | 50.37 | 40271.98 | 50358.891 | 32.991 | 34244.051 | 24.831 | 1.025 |
| 9/29/2018 16:45 | 2054700 | 22.363 | 14.513 | 50.374 | 40302.344 | 50396.859 | 33.018 | 34269.863 | 24.812 | 1.025 |
| 9/29/2018 17:00 | 2055600 | 22.365 | 14.525 | 50.378 | 40315.234 | 50398.184 | 33.02 | 34270.766 | 24.805 | 1.025 |
| 9/29/2018 17:15 | 2056500 | 22.361 | 14.514 | 50.371 | 40318.531 | 50415.52 | 33.032 | 34282.555 | 24.802 | 1.025 |
| 9/29/2018 17:30 | 2057400 | 22.36 | 14.522 | 50.369 | 40331.406 | 50422.773 | 33.038 | 34287.488 | 24.795 | 1.025 |
| 9/29/2018 17:45 | 2058300 | 22.362 | 14.526 | 50.372 | 40303.586 | 50383.203 | 33.009 | 34260.578 | 24.812 | 1.025 |
| 9/29/2018 18:00 | 2059200 | 22.361 | 14.526 | 50.371 | 40301.914 | 50380.801 | 33.008 | 34258.945 | 24.813 | 1.025 |
| 9/29/2018 18:15 | 2060100 | 22.36 | 14.531 | 50.368 | 40299.078 | 50371.191 | 33.001 | 34252.41 | 24.814 | 1.025 |
| 9/29/2018 18:30 | 2061000 | 22.36 | 14.524 | 50.368 | 40285.516 | 50362.32 | 32.994 | 34246.379 | 24.823 | 1.025 |
| 9/29/2018 18:45 | 2061900 | 22.358 | 14.528 | 50.364 | 40322.859 | 50404.523 | 33.025 | 34275.082 | 24.8 | 1.025 |
| 9/29/2018 19:00 | 2062800 | 22.356 | 14.533 | 50.359 | 40295.543 | 50363.789 | 32.996 | 34247.375 | 24.817 | 1.025 |
| 9/29/2018 19:15 | 2063700 | 22.354 | 14.519 | 50.354 | 40258.98 | 50334.996 | 32.974 | 34227.797 | 24.839 | 1.025 |
| 9/29/2018 19:30 | 2064600 | 22.351 | 14.526 | 50.348 | 40314.707 | 50396.684 | 33.019 | 34269.75 | 24.805 | 1.025 |
| 9/29/2018 19:45 | 2065500 | 22.355 | 14.519 | 50.357 | 40292.805 | 50378.242 | 33.005 | 34257.207 | 24.818 | 1.025 |
| 9/29/2018 20:00 | 2066400 | 22.351 | 14.524 | 50.348 | 40281.742 | 50357.387 | 32.99 | 34243.027 | 24.825 | 1.025 |
| 9/29/2018 20:15 | 2067300 | 22.352 | 14.511 | 50.345 | 40295.75 | 50391.5 | 33.014 | 34266.219 | 24.817 | 1.025 |
| 9/29/2018 20:30 | 2068200 | 22.345 | 14.524 | 50.334 | 40290.895 | 50369.785 | 32.999 | 34251.453 | 24.82 | 1.025 |
| 9/29/2018 20:45 | 2069100 | 22.346 | 14.515 | 50.336 | 40284.922 | 50372.844 | 33.001 | 34253.535 | 24.823 | 1.025 |
| 9/29/2018 21:00 | 2070000 | 22.345 | 14.515 | 50.334 | 40267.664 | 50351.586 | 32.985 | 34239.078 | 24.834 | 1.025 |
| 9/29/2018 21:15 | 2070900 | 22.344 | 14.522 | 50.332 | 40316.652 | 50403.793 | 33.024 | 34274.578 | 24.804 | 1.025 |
| 9/29/2018 21:30 | 2071800 | 22.342 | 14.52 | 50.328 | 40306.879 | 50394.34 | 33.017 | 34268.152 | 24.81 | 1.025 |
| 9/29/2018 21:45 | 2072700 | 22.339 | 14.529 | 50.32 | 40319.098 | 50398.242 | 33.021 | 34270.805 | 24.802 | 1.025 |
| 9/29/2018 22:00 | 2073600 | 22.336 | 14.522 | 50.314 | 40296.074 | 50378.066 | 33.005 | 34257.086 | 24.816 | 1.025 |
| 9/29/2018 22:15 | 2074500 | 22.337 | 14.521 | 50.317 | 40301.879 | 50386.824 | 33.012 | 34263.043 | 24.813 | 1.025 |
| 9/29/2018 22:30 | 2075400 | 22.336 | 14.513 | 50.314 | 40294.734 | 50387.145 | 33.011 | 34263.262 | 24.817 | 1.025 |
| 9/29/2018 22:45 | 2076300 | 22.334 | 14.522 | 50.309 | 40324.555 | 50413.578 | 33.031 | 34281.234 | 24.799 | 1.025 |
| 9/29/2018 23:00 | 2077200 | 22.331 | 14.52 | 50.303 | 40295.789 | 50380.707 | 33.007 | 34258.883 | 24.816 | 1.025 |
| 9/29/2018 23:15 | 2078100 | 22.331 | 14.526 | 50.303 | 40320.402 | 50404.223 | 33.025 | 34274.871 | 24.801 | 1.025 |
| 9/29/2018 23:30 | 2079000 | 22.328 | 14.516 | 50.296 | 40290.949 | 50378.684 | 33.005 | 34257.508 | 24.819 | 1.025 |
| 9/29/2018 23:45 | 2079900 | 22.329 | 14.525 | 50.298 | 40334.383 | 50422.234 | 33.038 | 34287.121 | 24.793 | 1.025 |
| 9/30/2018 0:00 | 2080800 | 22.33 | 14.538 | 50.299 | 40330.609 | 50402.293 | 33.024 | 34273.559 | 24.795 | 1.025 |
| 9/30/2018 0:15 | 2081700 | 22.327 | 14.521 | 50.293 | 40315.629 | 50403.906 | 33.024 | 34274.656 | 24.804 | 1.025 |
| 9/30/2018 0:30 | 2082600 | 22.324 | 14.518 | 50.288 | 40307.832 | 50397.762 | 33.019 | 34270.477 | 24.809 | 1.025 |
| 9/30/2018 0:45 | 2083500 | 22.327 | 14.511 | 50.295 | 40303.508 | 50401.082 | 33.021 | 34272.734 | 24.812 | 1.025 |
| 9/30/2018 1:00 | 2084400 | 22.323 | 14.504 | 50.285 | 40274.211 | 50372.012 | 32.999 | 34252.973 | 24.83 | 1.025 |
| 9/30/2018 1:15 | 2085300 | 22.322 | 14.509 | 50.283 | 40264.105 | 50353.844 | 32.987 | 34240.617 | 24.836 | 1.025 |
| 9/30/2018 1:30 | 2086200 | 22.321 | 14.507 | 50.281 | 40288.867 | 50387.785 | 33.011 | 34263.699 | 24.821 | 1.025 |
| 9/30/2018 1:45 | 2087100 | 22.326 | 14.501 | 50.291 | 40294.93 | 50401.863 | 33.021 | 34273.266 | 24.817 | 1.025 |
| 9/30/2018 2:00 | 2088000 | 22.323 | 14.504 | 50.286 | 40299.332 | 50404.27 | 33.023 | 34274.902 | 24.814 | 1.025 |
| 9/30/2018 2:15 | 2088900 | 22.324 | 14.501 | 50.288 | 40297.98 | 50406.422 | 33.024 | 34276.367 | 24.815 | 1.025 |
| 9/30/2018 2:30 | 2089800 | 22.323 | 14.508 | 50.286 | 40276.383 | 50370.152 | 32.998 | 34251.707 | 24.828 | 1.025 |
| 9/30/2018 2:45 | 2090700 | 22.322 | 14.514 | 50.283 | 40306.129 | 50399.895 | 33.021 | 34271.93 | 24.81 | 1.025 |
| 9/30/2018 3:00 | 2091600 | 22.324 | 14.514 | 50.288 | 40297.988 | 50389.938 | 33.013 | 34265.16 | 24.815 | 1.025 |
| 9/30/2018 3:15 | 2092500 | 22.323 | 14.514 | 50.285 | 40303.969 | 50397.418 | 33.019 | 34270.25 | 24.811 | 1.025 |
| 9/30/2018 3:30 | 2093400 | 22.324 | 14.503 | 50.288 | 40262.895 | 50359.352 | 32.99 | 34244.363 | 24.837 | 1.025 |
| 9/30/2018 3:45 | 2094300 | 22.323 | 14.5 | 50.286 | 40294.078 | 50402.188 | 33.021 | 34273.492 | 24.818 | 1.025 |
| 9/30/2018 4:00 | 2095200 | 22.323 | 14.501 | 50.286 | 402 | | | | | |

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|-----------------|---------|--------|--------|--------|-----------|-----------|--------|-----------|--------|-------|
| 10/1/2018 3:00 | 2178000 | 22.34 | 14.509 | 50.324 | 40290.402 | 50386.941 | 33.011 | 34263.121 | 24.82 | 1.025 |
| 10/1/2018 3:15 | 2178900 | 22.339 | 14.512 | 50.321 | 40295.285 | 50389.219 | 33.013 | 34264.672 | 24.817 | 1.025 |
| 10/1/2018 3:30 | 2179800 | 22.336 | 14.507 | 50.314 | 40286.328 | 50383.543 | 33.008 | 34260.813 | 24.822 | 1.025 |
| 10/1/2018 3:45 | 2180700 | 22.34 | 14.499 | 50.324 | 40285.012 | 50391.688 | 33.013 | 34266.352 | 24.823 | 1.025 |
| 10/1/2018 4:00 | 2181600 | 22.334 | 14.516 | 50.309 | 40284.184 | 50370.34 | 32.999 | 34251.836 | 24.824 | 1.025 |
| 10/1/2018 4:15 | 2182500 | 22.34 | 14.502 | 50.324 | 40257.137 | 50353.195 | 32.986 | 34240.172 | 24.84 | 1.025 |
| 10/1/2018 4:30 | 2183400 | 22.342 | 14.5 | 50.328 | 40286.035 | 50392.758 | 33.014 | 34267.074 | 24.822 | 1.025 |
| 10/1/2018 4:45 | 2184300 | 22.342 | 14.508 | 50.327 | 40306.484 | 50408.219 | 33.026 | 34277.59 | 24.81 | 1.025 |
| 10/1/2018 5:00 | 2185200 | 22.34 | 14.508 | 50.324 | 40284.027 | 50379.492 | 33.005 | 34258.055 | 24.824 | 1.025 |
| 10/1/2018 5:15 | 2186100 | 22.339 | 14.5 | 50.32 | 40264.516 | 50365.73 | 32.994 | 34248.695 | 24.836 | 1.025 |
| 10/1/2018 5:30 | 2187000 | 22.339 | 14.507 | 50.321 | 40282.395 | 50379.793 | 33.005 | 34258.258 | 24.825 | 1.025 |
| 10/1/2018 5:45 | 2187900 | 22.34 | 14.504 | 50.323 | 40302.445 | 50407.746 | 33.026 | 34277.27 | 24.812 | 1.025 |
| 10/1/2018 6:00 | 2188800 | 22.339 | 14.5 | 50.321 | 40300.141 | 50410.191 | 33.027 | 34278.93 | 24.814 | 1.025 |
| 10/1/2018 6:15 | 2189700 | 22.343 | 14.51 | 50.329 | 40283.105 | 50376.75 | 33.003 | 34256.191 | 24.824 | 1.025 |
| 10/1/2018 6:30 | 2190600 | 22.34 | 14.501 | 50.323 | 40301.344 | 50410.41 | 33.027 | 34279.078 | 24.813 | 1.025 |
| 10/1/2018 6:45 | 2191500 | 22.341 | 14.513 | 50.326 | 40279.496 | 50368.633 | 32.998 | 34250.676 | 24.827 | 1.025 |
| 10/1/2018 7:00 | 2192400 | 22.34 | 14.504 | 50.324 | 40274.227 | 50372.992 | 33 | 34253.641 | 24.83 | 1.025 |
| 10/1/2018 7:15 | 2193300 | 22.341 | 14.507 | 50.326 | 40301.063 | 50402.402 | 33.022 | 34273.637 | 24.813 | 1.025 |
| 10/1/2018 7:30 | 2194200 | 22.342 | 14.508 | 50.328 | 40288.875 | 50385.984 | 33.01 | 34262.469 | 24.821 | 1.025 |
| 10/1/2018 7:45 | 2195100 | 22.34 | 14.512 | 50.324 | 40276.172 | 50365.848 | 32.996 | 34248.781 | 24.829 | 1.025 |
| 10/1/2018 8:00 | 2196000 | 22.339 | 14.509 | 50.32 | 40275.027 | 50367.281 | 32.996 | 34249.754 | 24.829 | 1.025 |
| 10/1/2018 8:15 | 2196900 | 22.343 | 14.499 | 50.33 | 40260.582 | 50361.453 | 32.991 | 34245.793 | 24.838 | 1.025 |
| 10/1/2018 8:30 | 2197800 | 22.34 | 14.5 | 50.323 | 40277.43 | 50381.242 | 33.006 | 34259.246 | 24.828 | 1.025 |
| 10/1/2018 8:45 | 2198700 | 22.339 | 14.501 | 50.321 | 40259.039 | 50357.293 | 32.988 | 34242.961 | 24.839 | 1.025 |
| 10/1/2018 9:00 | 2199600 | 22.343 | 14.512 | 50.33 | 40280.703 | 50370.766 | 32.999 | 34252.121 | 24.826 | 1.025 |
| 10/1/2018 9:15 | 2200500 | 22.341 | 14.516 | 50.326 | 40291.25 | 50379.602 | 33.006 | 34258.129 | 24.819 | 1.025 |
| 10/1/2018 9:30 | 2201400 | 22.344 | 14.497 | 50.332 | 40275.441 | 50382.48 | 33.007 | 34260.086 | 24.829 | 1.025 |
| 10/1/2018 9:45 | 2202300 | 22.34 | 14.512 | 50.324 | 40282.777 | 50373.781 | 33.001 | 34254.25 | 24.825 | 1.025 |
| 10/1/2018 10:00 | 2203200 | 22.346 | 14.508 | 50.337 | 40286.5 | 50382.805 | 33.008 | 34260.313 | 24.822 | 1.025 |
| 10/1/2018 10:15 | 2204100 | 22.345 | 14.519 | 50.333 | 40296.953 | 50382.684 | 33.009 | 34260.227 | 24.816 | 1.025 |
| 10/1/2018 10:30 | 2205000 | 22.349 | 14.515 | 50.343 | 40280.484 | 50367.52 | 32.997 | 34249.918 | 24.826 | 1.025 |
| 10/1/2018 10:45 | 2205900 | 22.349 | 14.514 | 50.343 | 40284.816 | 50373.559 | 33.001 | 34254.02 | 24.823 | 1.025 |
| 10/1/2018 11:00 | 2206800 | 22.349 | 14.522 | 50.343 | 40308.789 | 50394.387 | 33.017 | 34268.184 | 24.808 | 1.025 |
| 10/1/2018 11:15 | 2207700 | 22.348 | 14.515 | 50.34 | 40287.492 | 50376.168 | 33.003 | 34255.793 | 24.822 | 1.025 |
| 10/1/2018 11:30 | 2208600 | 22.35 | 14.497 | 50.346 | 40295.109 | 50407.188 | 33.025 | 34276.891 | 24.817 | 1.025 |
| 10/1/2018 11:45 | 2209500 | 22.352 | 14.487 | 50.35 | 40229.344 | 50336.414 | 32.972 | 34228.762 | 24.857 | 1.025 |
| 10/1/2018 12:00 | 2210400 | 22.355 | 14.493 | 50.358 | 40301.168 | 50419.461 | 33.033 | 34285.238 | 24.813 | 1.025 |
| 10/1/2018 12:15 | 2211300 | 22.355 | 14.499 | 50.356 | 40276.973 | 50382.375 | 33.007 | 34260.016 | 24.828 | 1.025 |
| 10/1/2018 12:30 | 2212200 | 22.359 | 14.502 | 50.366 | 40271.02 | 50370.992 | 32.999 | 34252.273 | 24.832 | 1.025 |
| 10/1/2018 12:45 | 2213100 | 22.358 | 14.503 | 50.364 | 40290.82 | 50394.168 | 33.016 | 34268.035 | 24.82 | 1.025 |
| 10/1/2018 13:00 | 2214000 | 22.358 | 14.492 | 50.364 | 40303.785 | 50243.492 | 33.036 | 34287.98 | 24.812 | 1.025 |
| 10/1/2018 13:15 | 2214900 | 22.363 | 14.5 | 50.374 | 40276.156 | 50380.398 | 33.005 | 34258.676 | 24.829 | 1.025 |
| 10/1/2018 13:30 | 2215800 | 22.363 | 14.511 | 50.375 | 40272.176 | 50361.379 | 32.992 | 34245.738 | 24.831 | 1.025 |
| 10/1/2018 13:45 | 2216700 | 22.364 | 14.514 | 50.378 | 40307.336 | 50401.719 | 33.022 | 34273.172 | 24.809 | 1.025 |
| 10/1/2018 14:00 | 2217600 | 22.371 | 14.512 | 50.393 | 40273.543 | 50361.094 | 32.992 | 34245.543 | 24.831 | 1.025 |
| 10/1/2018 14:15 | 2218500 | 22.377 | 14.51 | 50.406 | 40285.047 | 50379.281 | 33.005 | 34257.91 | 24.823 | 1.025 |
| 10/1/2018 14:30 | 2219400 | 22.371 | 14.508 | 50.392 | 40256.426 | 50345.082 | 32.98 | 34234.656 | 24.841 | 1.025 |
| 10/1/2018 14:45 | 2220300 | 22.373 | 14.512 | 50.398 | 40293.23 | 50387.074 | 33.011 | 34263.215 | 24.818 | 1.025 |
| 10/1/2018 15:00 | 2221200 | 22.379 | 14.506 | 50.41 | 40266.422 | 50360.77 | 32.991 | 34245.328 | 24.835 | 1.025 |
| 10/1/2018 15:15 | 2222100 | 22.38 | 14.512 | 50.413 | 40291.82 | 50385.086 | 33.01 | 34261.859 | 24.819 | 1.025 |
| 10/1/2018 15:30 | 2223000 | 22.38 | 14.499 | 50.413 | 40262.391 | 50363.293 | 32.993 | 34247.039 | 24.837 | 1.025 |
| 10/1/2018 15:45 | 2223900 | 22.38 | 14.504 | 50.412 | 40274.754 | 50372.688 | 33 | 34253.43 | 24.829 | 1.025 |
| 10/1/2018 16:00 | 2224800 | 22.385 | 14.52 | 50.424 | 40298.621 | 50384.25 | 33.01 | 34261.293 | 24.815 | 1.025 |
| 10/1/2018 16:15 | 2225700 | 22.384 | 14.508 | 50.423 | 40281.336 | 50376.559 | 33.003 | 34256.063 | 24.825 | 1.025 |
| 10/1/2018 16:30 | 2226600 | 22.387 | 14.511 | 50.429 | 40294.301 | 50389.465 | 33.013 | 34264.84 | 24.817 | 1.025 |
| 10/1/2018 16:45 | 2227500 | 22.386 | 14.505 | 50.427 | 40301.875 | 50405.652 | 33.024 | 34275.844 | 24.813 | 1.025 |
| 10/1/2018 17:00 | 2228400 | 22.386 | 14.515 | 50.427 | 40302.551 | 50394.891 | 33.017 | 34268.527 | 24.812 | 1.025 |
| 10/1/2018 17:15 | 2229300 | 22.387 | 14.512 | 50.43 | 40295.813 | 50389.457 | 33.013 | 34264.836 | 24.816 | 1.025 |
| 10/1/2018 17:30 | 2230200 | 22.39 | 14.501 | 50.435 | 40272.863 | 50375.105 | 33.001 | 34255.074 | 24.831 | 1.025 |
| 10/1/2018 17:45 | 2231100 | 22.39 | 14.512 | 50.437 | 40298.797 | 50393.609 | 33.016 | 34267.66 | 24.815 | 1.025 |
| 10/1/2018 18:00 | 2232000 | 22.389 | 14.508 | 50.432 | 40295.109 | 50393.781 | 33.016 | 34267.777 | 24.817 | 1.025 |
| 10/1/2018 18:15 | 2232900 | 22.386 | 14.503 | 50.428 | 40261.629 | 50357.547 | 32.989 | 34243.133 | 24.838 | 1.025 |
| 10/1/2018 18:30 | 2233800 | 22.386 | 14.503 | 50.426 | 40302.086 | 50408.371 | 33.026 | 34277.695 | 24.813 | 1.025 |
| 10/1/2018 18:45 | 2234700 | 22.39 | 14.506 | 50.435 | 40245.777 | 50334.527 | 32.972 | 34227.48 | 24.847 | 1.025 |
| 10/1/2018 19:00 | 2235600 | 22.393 | 14.517 | 50.442 | 40298.23 | 50386.41 | 33.011 | 34262.762 | 24.815 | 1.025 |
| 10/1/2018 19:15 | 2236500 | 22.387 | 14.513 | 50.43 | 40271.219 | 50358.59 | 32.999 | 34243.844 | 24.832 | 1.025 |
| 10/1/2018 19:30 | 2237400 | 22.388 | 14.525 | 50.431 | 40292.961 | 50371.297 | 33.001 | 34252.484 | 24.818 | 1.025 |
| 10/1/2018 19:45 | 2238300 | 22.387 | 14.511 | 50.43 | 40317.609 | 50418.523 | 33.034 | 34284.598 | 24.803 | 1.025 |
| 10/1/2018 20:00 | 2239200 | 22.386 | 14.525 | 50.427 | 40322.75 | 50408.012 | 33.028 | 34277.449 | 24.8 | 1.025 |
| 10/1/2018 20:15 | 2240100 | 22.385 | 14.508 | 50.424 | 40292.563 | 50391.02 | 33.014 | 34265.895 | 24.818 | 1.025 |
| 10/1/2018 20:30 | 2241000 | 22.383 | 14.529 | 50.42 | 40313.676 | 50391.566 | 33.016 | 34266.266 | 24.805 | 1.025 |
| 10/1/2018 20:45 | 2241900 | 22.383 | 14.536 | 50.419 | 40308.93 | 50377.234 | 33.006 | 34256.52 | 24.808 | 1.025 |
| 10/1/2018 21:00 | 2242800 | 22.379 | 14.524 | 50.41 | 40302.594 | 50383.668 | 33.01 | 34260.895 | 24.812 | 1.025 |
| 10/1/2018 21:15 | 2243700 | 22.382 | 14.52 | 50.418 | 40304 | 50390.109 | 33.014 | 34265.273 | 24.811 | 1.025 |
| 10/1/2018 21:30 | 2244600 | 22.383 | 14.519 | 50.42 | 40292.891 | 50378.348 | 33.005 | 34257.277 | 24.818 | 1.025 |
| 10/1/2018 21:45 | 2245500 | 22.375 | 14.525 | 50.402 | 40331.113 | 50418.254 | 33.035 | 34284.418 | 24.795 | 1.025 |
| 10/1/2018 22:00 | 2246400 | 22.377 | 14.513 | 50.406 | 40299.148 | 50392.973 | 33.016 | 34267.223 | 24.814 | 1.025 |
| 10/1/2018 22:15 | 2247300 | 22.371 | 14.536 | 50.393 | 40310.063 | 50379.496 | 33.008 | 34258.059 | 24.808 | 1.025 |
| 10/1/2018 22:30 | 2248200 | 22.373 | 14.537 | 50.397 | 40281.785 | 50341.816 | 32.998 | 34232.434 | 24.825 | 1.025 |
| 10/1/2018 22:45 | 2249100 | 22.367 | 14.532 | 50.384 | 40332.246 | 50411.684 | 33.031 | 34279.945 | 24.794 | 1.025 |
| 10/1/2018 23:00 | 2250000 | 22.37 | 14.512 | 50.392 | 40317.152 | 50417.098 | 33.033 | 34283.625 | 24.803 | 1.025 |
| 10/1/2018 23:15 | 2250900 | 22.366 | 14.525 | 50.383 | 40302.129 | 50381.801 | 33.003 | 34259.629 | 24.813 | 1.025 |
| 10/1/2018 23:30 | 2251800 | 22.362 | 14.523 | 50.372 | 40300.223 | 50382.605 | 33.009 | 34260.172 | 24.814 | 1.025 |
| 10/1/2018 23:45 | 2252700 | 22.361 | 14.516 | 50.37 | 40317.508 | 50412.434 | 33.03 | 34280.461 | 24.803 | 1.025 |
| 10/2/2018 0:00 | 2253600 | 22.36 | 14.52 | 50.368 | 40290.379 | 50373.941 | 33.002 | 34254.285 | 24.82 | 1.025 |
| 10/2/2018 0:15 | 2254500 | 22.357 | 14.518 | 50.361 | 40329.945 | 50425.207 | 33.04 | 34289.145 | 24.795 | 1.025 |
| 10/2/2018 0:30 | 2255400 | 22.352 | 14.521 | 50.351 | 40297.285 | 50380.438 | 33.00 | | | |

| | | | | | | | | | | |
|-----------------|---------|--------|--------|--------|-----------|-----------|--------|-----------|--------|-------|
| 10/2/2018 23:30 | 2338200 | 22.394 | 14.533 | 50.445 | 40336.789 | 50416.184 | 33.034 | 34283.004 | 24.791 | 1.025 |
| 10/2/2018 23:45 | 2339100 | 22.39 | 14.535 | 50.435 | 40346.219 | 50424.895 | 33.041 | 34288.934 | 24.785 | 1.025 |
| 10/3/2018 0:00 | 2340000 | 22.387 | 14.534 | 50.429 | 40344.715 | 50424.191 | 33.04 | 34288.453 | 24.786 | 1.025 |
| 10/3/2018 0:15 | 2340900 | 22.386 | 14.524 | 50.428 | 40305.848 | 50388.156 | 33.013 | 34263.945 | 24.81 | 1.025 |
| 10/3/2018 0:30 | 2341800 | 22.387 | 14.529 | 50.43 | 40329.512 | 50411.992 | 33.031 | 34280.16 | 24.796 | 1.025 |
| 10/3/2018 0:45 | 2342700 | 22.392 | 14.541 | 50.441 | 40348.977 | 50421.961 | 33.039 | 34286.934 | 24.784 | 1.025 |
| 10/3/2018 1:00 | 2343600 | 22.386 | 14.535 | 50.427 | 40298.805 | 50365.637 | 32.997 | 34248.633 | 24.815 | 1.025 |
| 10/3/2018 1:15 | 2344500 | 22.387 | 14.533 | 50.43 | 40336.105 | 50415.332 | 33.034 | 34282.43 | 24.792 | 1.025 |
| 10/3/2018 1:30 | 2345400 | 22.386 | 14.53 | 50.427 | 40343.488 | 50427.445 | 33.042 | 34290.664 | 24.787 | 1.025 |
| 10/3/2018 1:45 | 2346300 | 22.383 | 14.529 | 50.42 | 40289.633 | 50361.301 | 32.994 | 34245.688 | 24.82 | 1.025 |
| 10/3/2018 2:00 | 2347200 | 22.384 | 14.534 | 50.423 | 40311.41 | 50382.445 | 33.01 | 34260.063 | 24.807 | 1.025 |
| 10/3/2018 2:15 | 2348100 | 22.382 | 14.529 | 50.417 | 40291.023 | 50363.781 | 32.996 | 34247.371 | 24.819 | 1.025 |
| 10/3/2018 2:30 | 2349000 | 22.381 | 14.527 | 50.415 | 40348.316 | 50437.105 | 33.049 | 34297.234 | 24.784 | 1.025 |
| 10/3/2018 2:45 | 2349900 | 22.378 | 14.537 | 50.408 | 40336.734 | 50411.445 | 33.031 | 34279.781 | 24.791 | 1.025 |
| 10/3/2018 3:00 | 2350800 | 22.375 | 14.533 | 50.401 | 40336.105 | 50414.91 | 33.033 | 34282.145 | 24.792 | 1.025 |
| 10/3/2018 3:15 | 2351700 | 22.381 | 14.531 | 50.416 | 40309.496 | 50384.746 | 33.011 | 34261.633 | 24.808 | 1.025 |
| 10/3/2018 3:30 | 2352600 | 22.378 | 14.527 | 50.409 | 40337.844 | 50423.906 | 33.039 | 34288.258 | 24.791 | 1.025 |
| 10/3/2018 3:45 | 2353500 | 22.381 | 14.531 | 50.416 | 40322.211 | 50399.793 | 33.022 | 34271.863 | 24.8 | 1.025 |
| 10/3/2018 4:00 | 2354400 | 22.375 | 14.531 | 50.402 | 40329.695 | 50409.777 | 33.029 | 34278.648 | 24.796 | 1.025 |
| 10/3/2018 4:15 | 2355300 | 22.373 | 14.53 | 50.398 | 40334.262 | 50416.656 | 33.034 | 34283.328 | 24.793 | 1.025 |
| 10/3/2018 4:30 | 2356200 | 22.375 | 14.519 | 50.402 | 40354.633 | 50454.801 | 33.061 | 34309.27 | 24.78 | 1.025 |
| 10/3/2018 4:45 | 2357100 | 22.376 | 14.515 | 50.405 | 40302.094 | 50394.004 | 33.016 | 34267.926 | 24.813 | 1.025 |
| 10/3/2018 5:00 | 2358000 | 22.377 | 14.513 | 50.406 | 40342 | 50445.926 | 33.054 | 34303.23 | 24.788 | 1.025 |
| 10/3/2018 5:15 | 2358900 | 22.38 | 14.5 | 50.412 | 40294.047 | 50401.816 | 33.021 | 34273.234 | 24.818 | 1.025 |
| 10/3/2018 5:30 | 2359800 | 22.376 | 14.507 | 50.404 | 40316.16 | 50421.82 | 33.036 | 34286.844 | 24.804 | 1.025 |
| 10/3/2018 5:45 | 2360700 | 22.377 | 14.5 | 50.407 | 40320.777 | 50435.242 | 33.045 | 34295.969 | 24.801 | 1.025 |
| 10/3/2018 6:00 | 2361600 | 22.376 | 14.512 | 50.403 | 40296.918 | 50390.84 | 33.014 | 34265.77 | 24.816 | 1.025 |
| 10/3/2018 6:15 | 2362500 | 22.378 | 14.51 | 50.409 | 40291.93 | 50387.363 | 33.011 | 34263.41 | 24.819 | 1.025 |
| 10/3/2018 6:30 | 2363400 | 22.384 | 14.515 | 50.422 | 40324.953 | 50422.569 | 33.037 | 34287.363 | 24.799 | 1.025 |
| 10/3/2018 6:45 | 2364300 | 22.38 | 14.511 | 50.413 | 40324.133 | 50426.563 | 33.04 | 34290.066 | 24.799 | 1.025 |
| 10/3/2018 7:00 | 2365200 | 22.382 | 14.508 | 50.418 | 40298.191 | 50397.527 | 33.018 | 34270.32 | 24.815 | 1.025 |
| 10/3/2018 7:15 | 2366100 | 22.379 | 14.505 | 50.41 | 40288.492 | 50388.703 | 33.012 | 34264.32 | 24.821 | 1.025 |
| 10/3/2018 7:30 | 2367000 | 22.384 | 14.51 | 50.422 | 40290.582 | 50386.305 | 33.01 | 34262.688 | 24.82 | 1.025 |
| 10/3/2018 7:45 | 2367900 | 22.383 | 14.499 | 50.42 | 40295.352 | 50405.156 | 33.023 | 34275.508 | 24.817 | 1.025 |
| 10/3/2018 8:00 | 2368800 | 22.386 | 14.507 | 50.428 | 40305.105 | 50408.094 | 33.026 | 34277.504 | 24.811 | 1.025 |
| 10/3/2018 8:15 | 2369700 | 22.383 | 14.512 | 50.421 | 40299.148 | 50394.148 | 33.016 | 34268.02 | 24.814 | 1.025 |
| 10/3/2018 8:30 | 2370600 | 22.387 | 14.51 | 50.429 | 40307.406 | 50407.242 | 33.026 | 34276.93 | 24.809 | 1.025 |
| 10/3/2018 8:45 | 2371500 | 22.385 | 14.51 | 50.424 | 40290.504 | 50385.895 | 33.01 | 34262.414 | 24.82 | 1.025 |
| 10/3/2018 9:00 | 2372400 | 22.389 | 14.507 | 50.432 | 40329.203 | 50437.91 | 33.048 | 34297.777 | 24.796 | 1.025 |
| 10/3/2018 9:15 | 2373300 | 22.394 | 14.501 | 50.445 | 40304.215 | 50413.367 | 33.029 | 34281.09 | 24.811 | 1.025 |
| 10/3/2018 9:30 | 2374200 | 22.392 | 14.511 | 50.439 | 40300.426 | 50397.348 | 33.019 | 34270.199 | 24.814 | 1.025 |
| 10/3/2018 9:45 | 2375100 | 22.39 | 14.509 | 50.436 | 40289.012 | 50385.102 | 33.009 | 34261.871 | 24.821 | 1.025 |
| 10/3/2018 10:00 | 2376000 | 22.388 | 14.503 | 50.431 | 40278.852 | 50379.512 | 33.005 | 34258.066 | 24.827 | 1.025 |
| 10/3/2018 10:15 | 2376900 | 22.392 | 14.501 | 50.44 | 40305.344 | 50414.777 | 33.03 | 34282.051 | 24.811 | 1.025 |
| 10/3/2018 10:30 | 2377800 | 22.393 | 14.508 | 50.443 | 40295.609 | 50393.977 | 33.016 | 34267.906 | 24.817 | 1.025 |
| 10/3/2018 10:45 | 2378700 | 22.393 | 14.505 | 50.443 | 40271.602 | 50368.215 | 32.997 | 34250.391 | 24.831 | 1.025 |
| 10/3/2018 11:00 | 2379600 | 22.387 | 14.503 | 50.429 | 40269.055 | 50367.68 | 32.996 | 34250.027 | 24.833 | 1.025 |
| 10/3/2018 11:15 | 2380500 | 22.389 | 14.497 | 50.432 | 40274.355 | 50381.223 | 33.006 | 34259.23 | 24.83 | 1.025 |
| 10/3/2018 11:30 | 2381400 | 22.391 | 14.517 | 50.438 | 40295.82 | 50383.398 | 33.009 | 34260.711 | 24.816 | 1.025 |
| 10/3/2018 11:45 | 2382300 | 22.388 | 14.504 | 50.431 | 40278.285 | 50378.156 | 33.004 | 34257.148 | 24.827 | 1.025 |
| 10/3/2018 12:00 | 2383200 | 22.387 | 14.512 | 50.429 | 40273.59 | 50362.621 | 32.993 | 34246.582 | 24.83 | 1.025 |
| 10/3/2018 12:15 | 2384100 | 22.388 | 14.503 | 50.431 | 40304.855 | 50411.832 | 33.028 | 34280.047 | 24.811 | 1.025 |
| 10/3/2018 12:30 | 2385000 | 22.386 | 14.501 | 50.426 | 40274.922 | 50376.938 | 33.003 | 34256.316 | 24.829 | 1.025 |
| 10/3/2018 12:45 | 2385900 | 22.387 | 14.507 | 50.43 | 40296.672 | 50396.793 | 33.018 | 34269.82 | 24.816 | 1.025 |
| 10/3/2018 13:00 | 2386800 | 22.386 | 14.507 | 50.426 | 40278.281 | 50374.105 | 33.001 | 34254.391 | 24.827 | 1.025 |
| 10/3/2018 13:15 | 2387700 | 22.384 | 14.494 | 50.422 | 40247.977 | 50351.328 | 32.984 | 34238.902 | 24.846 | 1.025 |
| 10/3/2018 13:30 | 2388600 | 22.382 | 14.495 | 50.417 | 40307.227 | 50425.238 | 33.038 | 34289.164 | 24.809 | 1.025 |
| 10/3/2018 13:45 | 2389500 | 22.384 | 14.49 | 50.423 | 40283.637 | 50401.156 | 33.02 | 34272.785 | 24.824 | 1.025 |
| 10/3/2018 14:00 | 2390400 | 22.383 | 14.499 | 50.421 | 40278.527 | 50383.898 | 33.008 | 34261.051 | 24.827 | 1.025 |
| 10/3/2018 14:15 | 2391300 | 22.383 | 14.498 | 50.42 | 40284.555 | 50392.496 | 33.014 | 34266.898 | 24.823 | 1.025 |
| 10/3/2018 14:30 | 2392200 | 22.382 | 14.493 | 50.418 | 40256.301 | 50363.66 | 32.992 | 34247.293 | 24.841 | 1.025 |
| 10/3/2018 14:45 | 2393100 | 22.38 | 14.486 | 50.413 | 40266.195 | 50384.23 | 33.007 | 34261.281 | 24.835 | 1.025 |
| 10/3/2018 15:00 | 2394000 | 22.383 | 14.499 | 50.421 | 40254.711 | 50353.887 | 32.986 | 34240.645 | 24.842 | 1.025 |
| 10/3/2018 15:15 | 2394900 | 22.383 | 14.503 | 50.421 | 40246.961 | 50340.043 | 32.976 | 34231.23 | 24.847 | 1.025 |
| 10/3/2018 15:30 | 2395800 | 22.387 | 14.493 | 50.429 | 40226.129 | 50325.371 | 32.964 | 34221.258 | 24.859 | 1.025 |
| 10/3/2018 15:45 | 2396700 | 22.38 | 14.49 | 50.413 | 40282.59 | 50399.426 | 33.018 | 34271.609 | 24.825 | 1.025 |
| 10/3/2018 16:00 | 2397600 | 22.384 | 14.497 | 50.422 | 40272.352 | 50379.27 | 33.004 | 34257.902 | 24.831 | 1.025 |
| 10/3/2018 16:15 | 2398500 | 22.387 | 14.499 | 50.429 | 40267.414 | 50369.996 | 32.998 | 34251.598 | 24.834 | 1.025 |
| 10/3/2018 16:30 | 2399400 | 22.387 | 14.501 | 50.429 | 40293.906 | 50400.793 | 33.02 | 34272.543 | 24.818 | 1.025 |
| 10/3/2018 16:45 | 2400300 | 22.39 | 14.498 | 50.435 | 40260.625 | 50362.781 | 32.992 | 34246.691 | 24.838 | 1.025 |
| 10/3/2018 17:00 | 2401200 | 22.387 | 14.495 | 50.43 | 40242.656 | 50343.711 | 32.978 | 34233.723 | 24.849 | 1.025 |
| 10/3/2018 17:15 | 2402100 | 22.395 | 14.493 | 50.447 | 40275.934 | 50388.223 | 33.01 | 34263.992 | 24.829 | 1.025 |
| 10/3/2018 17:30 | 2403000 | 22.393 | 14.495 | 50.442 | 40250.176 | 50353.328 | 32.985 | 34240.266 | 24.845 | 1.025 |
| 10/3/2018 17:45 | 2403900 | 22.397 | 14.483 | 50.445 | 40236.07 | 50350.055 | 32.982 | 34238.039 | 24.853 | 1.025 |
| 10/3/2018 18:00 | 2404800 | 22.396 | 14.488 | 50.448 | 40274.203 | 50391.699 | 33.012 | 34266.359 | 24.83 | 1.025 |
| 10/3/2018 18:15 | 2405700 | 22.401 | 14.489 | 50.46 | 40269.477 | 50384.93 | 33.008 | 34261.758 | 24.833 | 1.025 |
| 10/3/2018 18:30 | 2406600 | 22.402 | 14.496 | 50.463 | 40267.414 | 50374.258 | 33 | 34254.496 | 24.834 | 1.025 |
| 10/3/2018 18:45 | 2407500 | 22.403 | 14.496 | 50.464 | 40277.5 | 50386.875 | 33.01 | 34263.078 | 24.828 | 1.025 |
| 10/3/2018 19:00 | 2408400 | 22.404 | 14.502 | 50.467 | 40244.188 | 50337.109 | 32.974 | 34229.238 | 24.848 | 1.025 |
| 10/3/2018 19:15 | 2409300 | 22.408 | 14.493 | 50.476 | 40261.355 | 50369.555 | 32.997 | 34251.297 | 24.838 | 1.025 |
| 10/3/2018 19:30 | 2410200 | 22.414 | 14.5 | 50.489 | 40246.441 | 50342.27 | 32.977 | 34232.742 | 24.847 | 1.025 |
| 10/3/2018 19:45 | 2411100 | 22.411 | 14.503 | 50.483 | 40275.453 | 50374.945 | 33.002 | 34254.965 | 24.829 | 1.025 |
| 10/3/2018 20:00 | 2412000 | 22.419 | 14.509 | 50.501 | 40278.285 | 50371.457 | 32.999 | 34252.59 | 24.827 | 1.025 |
| 10/3/2018 20:15 | 2412900 | 22.415 | 14.526 | 50.492 | 40291.707 | 50368.352 | 32.999 | 34250.48 | 24.819 | 1.025 |
| 10/3/2018 20:30 | 2413800 | 22.418 | 14.522 | 50.5 | 40277.301 | 50355.34 | 32.989 | 34241.633 | 24.828 | 1.025 |
| 10/3/2018 20:45 | 2414700 | 22.417 | 14.537 | 50.496 | 40300.324 | 50366.051 | 32.998 | 34248.918 | 24.814 | 1.025 |
| 10/3/2018 21:00 | 2415600 | 22.42 | 14.532 | 50.503 | 40312.859 | 50386.82 | 33.0 | | | |

Report Date: 10/8/2018 13:12
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSite.exe
Application Version: 5.6.27.1

Log File Properties
File Name: MPWSP MW-3D LT Test_2018-10-04_16-25-46-798-BaroMerge.wsl
Create Date: 10/8/2018 13:08

Device Properties
Device: Aqua TROLL 200
Site: MPWSP MW-3D (446752)
Device Name:
Serial Number: 446752
Firmware Version: 2.01
Hardware Version: 4
Device Address: 1
Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
Used Memory: 0
Used Battery: 0

Log Configuration
Log Name: MPWSP MW-3D LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSite.exe
Application Version: 5.6.25.0
Create Date: 3/9/2016 6:36:33 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 3/10/2016 9:00:00 AM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
Level Measurement Mode: Specific Gravity
Depth: 1.024

Other Log Settings
Depth of Probe: 34.0141 (ft)
Head Pressure: 15.0999 (PSI)
Temperature: 22.8666 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
3/9/2016 18:36 Used Battery: 0% Used Memory: 3% User Name: KMakar
3/9/2016 18:37 Sensor SN: 446752 Cache Timeout: 1000 User Name: KMakar
3/9/2016 18:37 Device Taken Offline
3/9/2016 18:39 Device Put Online
3/9/2016 18:39 Sensor SN: 446752 Cache Timeout: 1750 User Name: KMakar
3/17/2016 17:02 Log Download - Used Battery: 0% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/17/2016 5:00:00 PM
3/24/2016 13:04 Log Download - Used Battery: 1% Used Memory: 4% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:15:00 PM
3/31/2016 8:47 Log Download - Used Battery: 1% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:30:00 AM
4/7/2016 13:07 Log Download - Used Battery: 1% Used Memory: 6% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:15:00 PM
4/14/2016 12:53 Log Download - Used Battery: 2% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 1:45:00 PM
4/21/2016 11:16 Log Download - Used Battery: 2% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 12:15:00 PM
4/28/2016 15:06 Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 3:00:00 PM
5/5/2016 10:41 Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:30:00 AM
5/12/2016 12:05 Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 12:00:00 PM
5/19/2016 14:33 Log Download - Used Battery: 4% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:30:00 PM
5/26/2016 13:29 Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:00:00 PM
6/2/2016 14:01 Log Download - Used Battery: 4% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:44:45 PM
6/9/2016 10:11 Log Download - Used Battery: 5% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:00:00 AM
6/16/2016 16:19 Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 5:15:00 PM
6/23/2016 11:55 Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 12:00:00 PM
7/1/2016 7:41 Log Download - Used Battery: 6% Used Memory: 15% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 5:59:45 PM
7/8/2016 6:42 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 4:15:00 PM
7/14/2016 19:36 Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 8:30:00 PM
7/21/2016 12:16 Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:15:00 PM
7/28/2016 9:23 Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 10:00:00 AM
8/4/2016 9:12 Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:45:00 AM
8/11/2016 13:11 Log Download - Used Battery: 8% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 5:59:45 PM
8/18/2016 9:16 Log Download - Used Battery: 8% Used Memory: 21% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 8:35:00 PM
8/25/2016 16:13 Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:00:00 PM
9/1/2016 12:53 Log Download - Used Battery: 9% Used Memory: 23% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:45:00 PM
9/8/2016 11:08 Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:15:00 PM
9/8/2016 11:10 Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:00:00 AM
9/15/2016 19:00 Log Download - Used Battery: 10% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 8:00:00 PM
9/22/2016 15:10 Log Download - Used Battery: 10% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:00:00 PM
10/2/2016 7:50 Log Download - Used Battery: 11% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 8:49:58 AM
10/7/2016 18:02 Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:00:00 PM
10/13/2016 9:39 Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 8:00:00 PM
10/20/2016 8:49 Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 7:45:00 PM
10/20/2016 8:52 Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 8:45:00 AM
10/27/2016 9:57 Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 9:45:00 AM
11/3/2016 8:51 Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 6:15:00 PM
11/10/2016 13:01 Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 1:15:00 PM
11/17/2016 8:14 Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:00:00 AM
11/24/2016 15:02 Log Download - Used Battery: 13% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM
12/1/2016 13:53 Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:45:00 PM
12/2/2016 10:08 Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 12/2/2016 10:00:00 AM Stop Time: 12/2/2016 11:00:00 AM
12/8/2016 8:44 Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 1:00:00 AM
12/15/2016 8:07 Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 1:15:00 AM
12/22/2016 18:55 Log Download - Used Battery: 15% Used Memory: 35% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 7:45:00 PM
1/5/2017 14:25 Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 2:40:00 PM
1/12/2017 8:41 Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 6:30:00 PM
1/12/2017 8:46 Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 6:30:00 AM
1/19/2017 10:05 Log Download - Used Battery: 16% Used Memory: 39% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 11:00:00 AM
1/26/2017 13:29 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 2:15:00 PM
2/2/2017 7:48 Log Download - Used Battery: 17% Used Memory: 40% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 7:45:00 AM
2/9/2017 10:45 Log Download - Used Battery: 17% Used Memory: 42% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 11:30:00 AM
2/16/2017 13:45 Log Download - Used Battery: 18% Used Memory: 42% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 2:00:00 PM
2/23/2017 8:36 Log Download - Used Battery: 18% Used Memory: 43% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 9:30:00 AM
3/2/2017 10:22 Log Download - Used Battery: 18% Used Memory: 43% User Name: SKuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 11:00:00 AM
3/9/2017 17:08 Log Download - Used Battery: 19% Used Memory: 45% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 6:00:00 PM
3/16/2017 18:19 Log Download - Used Battery: 19% Used Memory: 45% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 7:15:00 PM
3/23/2017 10:37 Log Download - Used Battery: 19% Used Memory: 46% User Name: AVanHaltma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 11:30:00 AM
3/30/2017 8:47 Log Download - Used Battery: 20% Used Memory: 46% User Name: AVanHaltma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 9:45:00 AM
4/6/2017 16:37 Log Download - Used Battery: 20% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 5:30:00 PM
4/13/2017 14:10 Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 4/5/2017 10:00:00 PM Stop Time: 4/13/2017 2:00:00 PM
4/20/2017 8:29 Log Download - Used Battery: 21% Used Memory: 50% User Name: AVanHaltma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 9:15:00 AM
10/8/2018 13:08 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-10-05_15-48-09-951.wsl"

Log Data:
Record Count: 2762

Sensors: 2
1 446752 PCTD 100 PSIA (60.1m/197.3ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 197.3ft
SNR: 446752
Corrected
Pressure (PSI)

Sensor: PCTD(A) 197.3ft
SNR: 446752
Corrected
Temperature (C)

Sensor: PCTD(A) 197.3ft
SNR: 446752
Corrected
Depth (ft)

Sensor: PCTD(A) 197.3ft
SNR: 446752
Corrected
Actual Conductivity (µS/cm)

Sensor: PCTD(A) 197.3ft
SNR: 446752
Corrected
Specific Conductivity (µS/cm)

Sensor: PCTD(A) 197.3ft
SNR: 446752
Corrected
Salinity (PSU)

Sensor: PCTD(A) 197.3ft
SNR: 446752
Corrected
Total Dissolved Solids (ppt)

Sensor: PCTD(A) 197.3ft
SNR: 446752
Corrected
Resistivity (ohm-cm)

Sensor: PCTD(A) 197.3ft
SNR: 446752
Corrected
Water Density (g/cm3)

Sensor: Baro-Adj Calc
SNR: 000000
Corrected
Barometric Pressure (PSI)

| Date and Time | Elapsed Time Seconds | Pressure (PSI) | Temperature (C) | Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids (ppt) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) |
|---------------|----------------------|----------------|-----------------|------------|-----------------------------|-------------------------------|----------------|------------------------------|----------------------|-----------------------|---------------------------|
| 9/6/2018 0:00 | 7200 | 122.397 | 19.594 | 275.711 | 41882.262 | 46705.086 | 30.637 | 31.759 | 23.876 | 1.022 | 14.747 |
| 9/6/2018 0:15 | 8100 | 122.385 | 19.592 | 275.684 | 41891.879 | 46717.461 | 30.646 | 31.768 | 23.871 | 1.021 | 14.751 |
| 9/6/2018 0:30 | 9000 | 122.341 | 19.596 | 275.586 | 41870.367 | 46689.391 | 30.625 | 31.749 | 23.883 | 1.022 | 14.748 |
| 9/6/2018 0:45 | 9900 | 122.264 | 19.61 | 275.412 | 41902.117 | 46711.191 | 30.642 | 31.764 | 23.865 | 1.022 | 14.753 |
| 9/6/2018 1:00 | 10800 | 122.635 | 19.613 | 276.249 | 41881.818 | 46711.547 | 30.642 | 31.764 | 23.863 | 1.022 | 14.749 |
| 9/6/2018 1:15 | 11700 | 122.215 | 19.608 | 275.302 | 41887.004 | 46695.727 | 30.63 | 31.753 | 23.874 | 1.022 | 14.753 |
| 9/6/2018 1:30 | 12600 | 122.187 | 19.603 | 275.238 | 41888.289 | 46702.438 | 30.635 | 31.758 | 23.873 | 1.022 | 14.752 |
| 9/6/2018 1:45 | 13500 | 122.147 | 19.602 | 275.148 | 41914.055 | 46731.863 | 30.657 | 31.778 | 23.858 | 1.022 | 14.752 |
| 9/6/2018 2:00 | 14400 | 122.124 | 19.605 | 275.096 | 41900.598 | 46714.438 | 30.644 | 31.766 | 23.866 | 1.022 | 14.748 |
| 9/6/2018 2:15 | 15300 | 122.095 | 19.615 | 275.031 | 41903.25 | 46707.34 | 30.639 | 31.761 | 23.864 | 1.022 | 14.75 |
| 9/6/2018 2:30 | 16200 | 122.072 | 19.61 | 274.959 | 41898.281 | 46701.801 | 30.635 | 31.757 | 23.867 | 1.022 | 14.747 |
| 9/6/2018 2:45 | 17100 | 122.064 | 19.614 | 274.962 | 41904.277 | 46709.871 | 30.641 | 31.763 | 23.864 | 1.022 | 14.745 |
| 9/6/2018 3:00 | 18000 | 122.061 | 19.613 | 274.953 | 41890.328 | 46694.582 | 30.63 | 31.752 | 23.872 | 1.022 | 14.742 |
| 9/6/2018 3:15 | 18900 | 122.061 | 19.604 | 274.953 | 41904.77 | 46719.871 | 30.648 | 31.77 | 23.864 | 1.022 | 14.741 |
| 9/6/2018 3:30 | 19800 | 122.06 | 19.611 | 274.953 | 41908.316 | 46716.707 | 30.646 | 31.767 | 23.862 | 1.022 | 14.741 |
| 9/6/2018 3:45 | 20700 | 122.067 | 19.617 | 274.969 | 41903.426 | 46705.285 | 30.638 | 31.76 | 23.864 | 1.022 | 14.735 |
| 9/6/2018 4:00 | 21600 | 122.072 | 19.61 | 274.959 | 41894.941 | 46703.023 | 30.635 | 31.758 | 23.869 | 1.022 | 14.742 |
| 9/6/2018 4:15 | 22500 | 122.09 | 19.608 | 275.019 | 41914.895 | 46727.422 | 30.654 | 31.775 | 23.858 | 1.022 | 14.74 |
| 9/6/2018 4:30 | 23400 | 122.109 | 19.596 | 275.063 | 41872.227 | 46691.984 | 30.627 | 31.751 | 23.882 | 1.022 | 14.743 |
| 9/6/2018 4:45 | 24300 | 122.107 | 19.592 | 275.057 | 41908.992 | 46736.797 | 30.66 | 31.781 | 23.861 | 1.022 | 14.738 |
| 9/6/2018 5:00 | 25200 | 122.172 | 19.597 | 275.204 | 41897.125 | 46718.191 | 30.646 | 31.768 | 23.868 | 1.022 | 14.736 |
| 9/6/2018 5:15 | 26100 | 122.165 | 19.6 | 275.188 | 41877.605 | 46693.219 | 30.628 | 31.751 | 23.879 | 1.022 | 14.743 |
| 9/6/2018 5:30 | 27000 | 122.186 | 19.599 | 275.235 | 41889.859 | 46708.438 | 30.639 | 31.762 | 23.872 | 1.022 | 14.747 |
| 9/6/2018 5:45 | 27900 | 122.222 | 19.595 | 275.317 | 41895.477 | 46718.867 | 30.647 | 31.769 | 23.869 | 1.022 | 14.753 |
| 9/6/2018 6:00 | 28800 | 122.287 | 19.596 | 275.463 | 41881.691 | 46702.281 | 30.635 | 31.758 | 23.877 | 1.022 | 14.757 |
| 9/6/2018 6:15 | 29700 | 122.301 | 19.593 | 275.494 | 41881.43 | 46704.762 | 30.636 | 31.759 | 23.877 | 1.022 | 14.751 |
| 9/6/2018 6:30 | 30600 | 122.369 | 19.593 | 275.649 | 41882.496 | 46706.125 | 30.637 | 31.76 | 23.876 | 1.022 | 14.753 |
| 9/6/2018 6:45 | 31500 | 122.373 | 19.596 | 275.658 | 41861.41 | 46679.059 | 30.618 | 31.742 | 23.888 | 1.022 | 14.756 |
| 9/6/2018 7:00 | 32400 | 122.406 | 19.605 | 275.798 | 41888.18 | 46704.668 | 30.637 | 31.759 | 23.873 | 1.022 | 14.759 |
| 9/6/2018 7:15 | 33300 | 122.466 | 19.611 | 275.867 | 41880.859 | 46686.363 | 30.624 | 31.747 | 23.877 | 1.022 | 14.764 |
| 9/6/2018 7:30 | 34200 | 122.493 | 19.602 | 275.927 | 41880.871 | 46695.387 | 30.63 | 31.753 | 23.877 | 1.022 | 14.764 |
| 9/6/2018 7:45 | 35100 | 122.53 | 19.595 | 276.012 | 41857.684 | 46676.203 | 30.615 | 31.74 | 23.89 | 1.022 | 14.768 |
| 9/6/2018 8:00 | 36000 | 122.566 | 19.611 | 276.091 | 41894.172 | 46700.855 | 30.634 | 31.757 | 23.87 | 1.022 | 14.764 |
| 9/6/2018 8:15 | 36900 | 122.584 | 19.613 | 276.132 | 41867.305 | 46669.094 | 30.611 | 31.735 | 23.885 | 1.022 | 14.767 |
| 9/6/2018 8:30 | 37800 | 122.613 | 19.598 | 276.199 | 41859.891 | 46675.379 | 30.615 | 31.739 | 23.889 | 1.022 | 14.764 |
| 9/6/2018 | | | | | | | | | | | |

| | | | | | | | | | | | |
|----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/6/2018 17:00 | 68400 | 122.636 | 19.61 | 276.249 | 41882.617 | 46689.285 | 30.626 | 31.749 | 23.876 | 1.022 | 14.752 |
| 9/6/2018 17:15 | 69900 | 122.675 | 19.608 | 276.337 | 41859.012 | 46665.125 | 30.608 | 31.732 | 23.89 | 1.022 | 14.743 |
| 9/6/2018 17:30 | 70200 | 122.711 | 19.608 | 276.418 | 41868.738 | 46676.223 | 30.616 | 31.74 | 23.884 | 1.022 | 14.745 |
| 9/6/2018 17:45 | 71100 | 122.736 | 19.605 | 276.475 | 41869.688 | 46680.234 | 30.619 | 31.743 | 23.884 | 1.022 | 14.748 |
| 9/6/2018 18:00 | 72000 | 122.774 | 19.612 | 276.562 | 41896.074 | 46702.629 | 30.636 | 31.758 | 23.869 | 1.022 | 14.741 |
| 9/6/2018 18:15 | 72900 | 122.81 | 19.608 | 276.642 | 41868.738 | 46676.223 | 30.616 | 31.74 | 23.884 | 1.022 | 14.741 |
| 9/6/2018 18:30 | 73800 | 122.844 | 19.605 | 276.717 | 41865.927 | 46681.117 | 30.617 | 31.741 | 23.886 | 1.022 | 14.743 |
| 9/6/2018 18:45 | 74700 | 122.869 | 19.609 | 276.775 | 41864.305 | 46670.078 | 30.612 | 31.736 | 23.887 | 1.022 | 14.743 |
| 9/6/2018 19:00 | 75600 | 122.896 | 19.611 | 276.834 | 41850.297 | 46662.555 | 30.599 | 31.724 | 23.895 | 1.022 | 14.739 |
| 9/6/2018 19:15 | 76500 | 122.923 | 19.61 | 276.896 | 41843.715 | 46645.738 | 30.594 | 31.719 | 23.898 | 1.022 | 14.739 |
| 9/6/2018 19:30 | 77400 | 122.947 | 19.607 | 276.949 | 41844.844 | 46650.543 | 30.597 | 31.722 | 23.898 | 1.022 | 14.741 |
| 9/6/2018 19:45 | 78300 | 122.975 | 19.608 | 277.013 | 41866.099 | 46673.262 | 30.614 | 31.738 | 23.885 | 1.022 | 14.734 |
| 9/6/2018 20:00 | 79200 | 122.997 | 19.606 | 277.067 | 41854.543 | 46661.891 | 30.605 | 31.73 | 23.892 | 1.022 | 14.733 |
| 9/6/2018 20:15 | 80100 | 122.98 | 19.6 | 277.024 | 41880.715 | 46696.77 | 30.631 | 31.754 | 23.877 | 1.022 | 14.733 |
| 9/6/2018 20:30 | 81000 | 123.008 | 19.613 | 277.088 | 41874.402 | 46677.516 | 30.617 | 31.741 | 23.881 | 1.022 | 14.743 |
| 9/6/2018 20:45 | 81900 | 123.015 | 19.612 | 277.102 | 41846.5 | 46647.113 | 30.595 | 31.72 | 23.897 | 1.022 | 14.744 |
| 9/6/2018 21:00 | 82800 | 123.015 | 19.613 | 277.104 | 41854.742 | 46655.438 | 30.601 | 31.726 | 23.892 | 1.022 | 14.744 |
| 9/6/2018 21:15 | 83700 | 122.979 | 19.604 | 277.022 | 41841.008 | 46648.598 | 30.596 | 31.721 | 23.9 | 1.022 | 14.746 |
| 9/6/2018 21:30 | 84600 | 122.967 | 19.605 | 276.948 | 41848.227 | 46653.086 | 30.609 | 31.727 | 23.896 | 1.022 | 14.747 |
| 9/6/2018 21:45 | 85500 | 122.985 | 19.595 | 277.035 | 41864.25 | 46683.43 | 30.621 | 31.745 | 23.887 | 1.022 | 14.747 |
| 9/6/2018 22:00 | 86400 | 122.922 | 19.594 | 276.895 | 41844.441 | 46662.297 | 30.605 | 31.73 | 23.898 | 1.022 | 14.753 |
| 9/6/2018 22:15 | 87300 | 122.934 | 19.596 | 276.92 | 41841.965 | 46657.719 | 30.602 | 31.727 | 23.899 | 1.022 | 14.743 |
| 9/6/2018 22:30 | 88200 | 122.899 | 19.61 | 276.843 | 41862.332 | 46666.746 | 30.609 | 31.733 | 23.888 | 1.022 | 14.748 |
| 9/6/2018 22:45 | 89100 | 122.852 | 19.61 | 276.736 | 41864.723 | 46669.156 | 30.611 | 31.735 | 23.886 | 1.022 | 14.75 |
| 9/6/2018 23:00 | 90000 | 122.819 | 19.605 | 276.665 | 41858.227 | 46663.124 | 30.609 | 31.734 | 23.89 | 1.022 | 14.75 |
| 9/6/2018 23:15 | 90900 | 122.777 | 19.608 | 276.568 | 41842.199 | 46646.117 | 30.594 | 31.719 | 23.899 | 1.022 | 14.744 |
| 9/6/2018 23:30 | 91800 | 122.728 | 19.606 | 276.456 | 41845.117 | 46651.363 | 30.598 | 31.723 | 23.898 | 1.022 | 14.749 |
| 9/6/2018 23:45 | 92700 | 122.653 | 19.599 | 276.288 | 41863.938 | 46679.109 | 30.618 | 31.742 | 23.887 | 1.022 | 14.747 |
| 9/7/2018 0:00 | 93600 | 122.634 | 19.597 | 276.245 | 41857.926 | 46674.918 | 30.615 | 31.739 | 23.89 | 1.022 | 14.745 |
| 9/7/2018 0:15 | 94500 | 122.541 | 19.599 | 276.035 | 41862.051 | 46677.688 | 30.617 | 31.741 | 23.888 | 1.022 | 14.745 |
| 9/7/2018 0:30 | 95400 | 122.495 | 19.594 | 275.933 | 41879.602 | 46701.884 | 30.634 | 31.757 | 23.878 | 1.022 | 14.748 |
| 9/7/2018 0:45 | 96300 | 122.443 | 19.6 | 275.815 | 41875.238 | 46691.094 | 30.627 | 31.75 | 23.88 | 1.022 | 14.747 |
| 9/7/2018 1:00 | 97200 | 122.419 | 19.607 | 275.756 | 41915.098 | 46728.863 | 30.654 | 31.776 | 23.858 | 1.022 | 14.749 |
| 9/7/2018 1:15 | 98100 | 122.334 | 19.612 | 275.569 | 41854.547 | 46656.086 | 30.601 | 31.726 | 23.892 | 1.022 | 14.748 |
| 9/7/2018 1:30 | 99000 | 122.325 | 19.611 | 275.55 | 41878.07 | 46683.594 | 30.622 | 31.745 | 23.879 | 1.022 | 14.742 |
| 9/7/2018 1:45 | 99900 | 122.277 | 19.609 | 275.441 | 41900.273 | 46709.82 | 30.641 | 31.763 | 23.866 | 1.022 | 14.744 |
| 9/7/2018 2:00 | 100800 | 122.217 | 19.605 | 275.351 | 41881.5 | 46712.945 | 30.642 | 31.765 | 23.874 | 1.022 | 14.747 |
| 9/7/2018 2:15 | 101700 | 122.171 | 19.598 | 275.202 | 41879.789 | 46698.43 | 30.632 | 31.758 | 23.878 | 1.022 | 14.739 |
| 9/7/2018 2:30 | 102600 | 122.163 | 19.598 | 275.183 | 41900.234 | 46721.137 | 30.648 | 31.77 | 23.866 | 1.022 | 14.744 |
| 9/7/2018 2:45 | 103500 | 122.14 | 19.604 | 275.133 | 41888.281 | 46701.746 | 30.635 | 31.757 | 23.873 | 1.022 | 14.736 |
| 9/7/2018 3:00 | 104400 | 122.079 | 19.596 | 274.994 | 41910.137 | 46733.563 | 30.657 | 31.779 | 23.861 | 1.022 | 14.742 |
| 9/7/2018 3:15 | 105300 | 122.057 | 19.612 | 274.945 | 41876.98 | 46680.824 | 30.62 | 31.743 | 23.879 | 1.022 | 14.741 |
| 9/7/2018 3:30 | 106200 | 122.074 | 19.599 | 274.983 | 41904.98 | 46724.871 | 30.651 | 31.773 | 23.864 | 1.022 | 14.74 |
| 9/7/2018 3:45 | 107100 | 122.031 | 19.596 | 274.887 | 41873.227 | 46693.574 | 30.628 | 31.748 | 23.874 | 1.022 | 14.744 |
| 9/7/2018 4:00 | 108000 | 122.049 | 19.593 | 274.927 | 41900.059 | 46725.711 | 30.652 | 31.773 | 23.866 | 1.022 | 14.748 |
| 9/7/2018 4:15 | 108900 | 122.058 | 19.595 | 274.948 | 41883.59 | 46704.996 | 30.637 | 31.759 | 23.876 | 1.022 | 14.748 |
| 9/7/2018 4:30 | 109800 | 122.054 | 19.601 | 274.939 | 41874.73 | 46688.973 | 30.625 | 31.749 | 23.881 | 1.022 | 14.744 |
| 9/7/2018 4:45 | 110700 | 122.07 | 19.601 | 274.974 | 41889.164 | 46705.145 | 30.637 | 31.76 | 23.873 | 1.022 | 14.742 |
| 9/7/2018 5:00 | 111600 | 122.087 | 19.612 | 275.013 | 41889.953 | 46695.637 | 30.63 | 31.753 | 23.872 | 1.022 | 14.74 |
| 9/7/2018 5:15 | 112500 | 122.119 | 19.61 | 275.084 | 41922.105 | 46732.781 | 30.658 | 31.778 | 23.854 | 1.022 | 14.731 |
| 9/7/2018 5:30 | 113400 | 122.099 | 19.609 | 275.039 | 41908.305 | 46719.293 | 30.648 | 31.769 | 23.862 | 1.022 | 14.743 |
| 9/7/2018 5:45 | 114300 | 122.17 | 19.609 | 275.2 | 41943.254 | 46757.734 | 30.676 | 31.795 | 23.842 | 1.022 | 14.736 |
| 9/7/2018 6:00 | 115200 | 122.169 | 19.617 | 275.197 | 41909.195 | 46712.145 | 30.643 | 31.764 | 23.861 | 1.022 | 14.735 |
| 9/7/2018 6:15 | 116100 | 122.234 | 19.612 | 275.343 | 41977.762 | 46793.004 | 30.702 | 31.819 | 23.822 | 1.022 | 14.739 |
| 9/7/2018 6:30 | 117000 | 122.248 | 19.603 | 275.377 | 41902.492 | 46717.93 | 30.646 | 31.768 | 23.865 | 1.022 | 14.741 |
| 9/7/2018 6:45 | 117900 | 122.307 | 19.605 | 275.509 | 41901.961 | 46716.215 | 30.645 | 31.767 | 23.865 | 1.022 | 14.748 |
| 9/7/2018 7:00 | 118800 | 122.35 | 19.605 | 275.604 | 41888.434 | 46700.445 | 30.634 | 31.756 | 23.873 | 1.022 | 14.748 |
| 9/7/2018 7:15 | 119700 | 122.392 | 19.607 | 275.7 | 41886.051 | 46696.398 | 30.631 | 31.754 | 23.874 | 1.022 | 14.747 |
| 9/7/2018 7:30 | 120600 | 122.443 | 19.607 | 275.816 | 41897.926 | 46709.113 | 30.64 | 31.762 | 23.868 | 1.022 | 14.739 |
| 9/7/2018 7:45 | 121500 | 122.452 | 19.601 | 275.835 | 41894.148 | 46710.965 | 30.641 | 31.763 | 23.87 | 1.022 | 14.747 |
| 9/7/2018 8:00 | 122400 | 122.518 | 19.606 | 275.983 | 41884.633 | 46695.59 | 30.63 | 31.753 | 23.875 | 1.022 | 14.748 |
| 9/7/2018 8:15 | 123300 | 122.554 | 19.605 | 276.165 | 41906.93 | 46713.252 | 30.645 | 31.767 | 23.862 | 1.022 | 14.75 |
| 9/7/2018 8:30 | 124200 | 122.593 | 19.604 | 276.153 | 41880.293 | 46692.582 | 30.628 | 31.751 | 23.878 | 1.022 | 14.748 |
| 9/7/2018 8:45 | 125100 | 122.627 | 19.599 | 276.229 | 41916.027 | 46737.445 | 30.66 | 31.781 | 23.857 | 1.022 | 14.751 |
| 9/7/2018 9:00 | 126000 | 122.657 | 19.602 | 276.297 | 41892.867 | 46708.148 | 30.639 | 31.762 | 23.87 | 1.022 | 14.744 |
| 9/7/2018 9:15 | 126900 | 122.676 | 19.605 | 276.339 | 41903.227 | 46717.625 | 30.646 | 31.768 | 23.865 | 1.022 | 14.751 |
| 9/7/2018 9:30 | 127800 | 122.667 | 19.609 | 276.319 | 41969.047 | 46787.008 | 30.697 | 31.815 | 23.827 | 1.022 | 14.751 |
| 9/7/2018 9:45 | 128700 | 122.679 | 19.605 | 276.379 | 41903.135 | 46716.348 | 30.649 | 31.779 | 23.869 | 1.022 | 14.749 |
| 9/7/2018 10:00 | 129600 | 122.701 | 19.607 | 276.397 | 41975.887 | 46795.945 | 30.704 | 31.821 | 23.823 | 1.022 | 14.749 |
| 9/7/2018 10:15 | 130500 | 122.742 | 19.598 | 276.488 | 41922.754 | 46745.555 | 30.666 | 31.787 | 23.853 | 1.022 | 14.752 |
| 9/7/2018 10:30 | 131400 | 122.714 | 19.594 | 276.425 | 41934.625 | 46763.559 | 30.679 | 31.799 | 23.847 | 1.022 | 14.751 |
| 9/7/2018 10:45 | 132300 | 122.71 | 19.598 | 276.415 | 41927.289 | 46805.25 | 30.71 | 31.828 | 23.823 | 1.022 | 14.757 |
| 9/7/2018 11:00 | 133200 | 122.741 | 19.599 | 276.487 | 41915.598 | 46786.789 | 30.66 | 31.781 | 23.857 | 1.022 | 14.752 |
| 9/7/2018 11:15 | 134100 | 122.73 | 19.607 | 276.511 | 41954.603 | 46771.921 | 30.672 | 31.806 | 23.85 | 1.022 | 14.746 |
| 9/7/2018 11:30 | 135000 | 122.723 | 19.609 | 276.446 | 41989.109 | 46809.211 | 30.713 | 31.83 | 23.816 | 1.022 | 14.751 |
| 9/7/2018 11:45 | 135900 | 122.679 | 19.607 | 276.346 | 41941.496 | 46757.605 | 30.676 | 31.795 | 23.843 | 1.022 | 14.747 |
| 9/7/2018 12:00 | 136800 | 122.686 | 19.608 | 276.363 | 41922.488 | 46735.805 | 30.66 | 31.78 | 23.854 | 1.022 | 14.754 |
| 9/7/2018 12:15 | 137700 | 122.639 | 19.604 | 276.257 | 41938.297 | 46757.766 | 30.676 | 31.795 | 23.845 | 1.022 | 14.749 |
| 9/7/2018 12:30 | 138600 | 122.627 | 19.592 | 276.228 | 41973.195 | 46808.57 | 30.712 | 31.83 | 23.819 | 1.022 | 14.747 |
| 9/7/2018 12:45 | 139500 | 122.61 | 19.589 | 276.191 | 41983.512 | 46822.164 | 30.722 | 31.839 | 23.825 | 1.022 | 14.744 |
| 9/7/2018 13:00 | 140400 | 122.584 | 19.598 | 276.132 | 41999.512 | 46831.316 | 30.729 | 31.845 | 23.829 | 1.022 | 14.743 |
| 9/7/2018 13:15 | 141300 | 122.589 | 19.608 | 276.145 | 41988.902 | 46810.105 | 30.714 | 31.831 | 23.816 | 1.022 | 14.743 |
| 9/7/2018 13:30 | 142200 | | | | | | | | | | |

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|----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/8/2018 21:45 | 258300 | 123.084 | 19.595 | 277.259 | 41954.387 | 46783.867 | 30.694 | 31.813 | 23.835 | 1.022 | 14.693 |
| 9/8/2018 22:00 | 259200 | 123.125 | 19.597 | 277.351 | 41939.977 | 46766.227 | 30.681 | 31.801 | 23.844 | 1.022 | 14.695 |
| 9/8/2018 22:15 | 260100 | 123.14 | 19.606 | 277.385 | 41949.336 | 46767.91 | 30.683 | 31.802 | 23.838 | 1.022 | 14.689 |
| 9/8/2018 22:30 | 261000 | 123.109 | 19.597 | 277.314 | 41951.148 | 46778.602 | 30.69 | 31.809 | 23.837 | 1.022 | 14.69 |
| 9/8/2018 22:45 | 261900 | 123.136 | 19.604 | 277.375 | 41948.18 | 46768.352 | 30.683 | 31.802 | 23.839 | 1.022 | 14.69 |
| 9/8/2018 23:00 | 262800 | 123.094 | 19.603 | 277.281 | 41972.32 | 46796.391 | 30.704 | 31.822 | 23.825 | 1.022 | 14.699 |
| 9/8/2018 23:15 | 263700 | 123.11 | 19.605 | 277.317 | 41958.113 | 46777.953 | 30.69 | 31.809 | 23.833 | 1.022 | 14.688 |
| 9/8/2018 23:30 | 264600 | 123.089 | 19.607 | 277.269 | 42016.332 | 46841.465 | 30.737 | 31.852 | 23.8 | 1.022 | 14.69 |
| 9/8/2018 23:45 | 265500 | 123.03 | 19.607 | 277.138 | 41986.668 | 46808.137 | 30.713 | 31.83 | 23.817 | 1.022 | 14.693 |
| 9/9/2018 0:00 | 266400 | 123.03 | 19.599 | 277.137 | 42026.004 | 46859.895 | 30.75 | 31.865 | 23.795 | 1.022 | 14.69 |
| 9/9/2018 0:15 | 267300 | 122.988 | 19.598 | 277.043 | 41941.652 | 46766.801 | 30.682 | 31.801 | 23.843 | 1.022 | 14.69 |
| 9/9/2018 0:30 | 268200 | 122.95 | 19.603 | 276.957 | 41946.617 | 46767.551 | 30.683 | 31.802 | 23.84 | 1.022 | 14.688 |
| 9/9/2018 0:45 | 269100 | 122.914 | 19.605 | 276.875 | 41951.589 | 46796.995 | 30.696 | 31.815 | 23.837 | 1.022 | 14.687 |
| 9/9/2018 1:00 | 270000 | 122.832 | 19.607 | 276.761 | 41976.059 | 46796.137 | 30.704 | 31.821 | 23.823 | 1.022 | 14.686 |
| 9/9/2018 1:15 | 270900 | 122.787 | 19.589 | 276.591 | 41927.313 | 46760.016 | 30.676 | 31.797 | 23.851 | 1.022 | 14.682 |
| 9/9/2018 1:30 | 271800 | 122.765 | 19.593 | 276.541 | 41968.75 | 46802.227 | 30.708 | 31.826 | 23.827 | 1.022 | 14.68 |
| 9/9/2018 1:45 | 272700 | 122.704 | 19.6 | 276.404 | 41914.484 | 46734.422 | 30.658 | 31.779 | 23.858 | 1.022 | 14.686 |
| 9/9/2018 2:00 | 273600 | 122.659 | 19.6 | 276.302 | 41961.539 | 46787.23 | 30.697 | 31.815 | 23.831 | 1.022 | 14.682 |
| 9/9/2018 2:15 | 274500 | 122.595 | 19.601 | 276.152 | 41978.621 | 46791.27 | 30.701 | 31.818 | 23.822 | 1.022 | 14.687 |
| 9/9/2018 2:30 | 275400 | 122.517 | 19.611 | 275.982 | 41940.094 | 46752.57 | 30.672 | 31.792 | 23.844 | 1.022 | 14.682 |
| 9/9/2018 2:45 | 276300 | 122.5 | 19.602 | 275.942 | 41945.559 | 46766.898 | 30.682 | 31.801 | 23.84 | 1.022 | 14.682 |
| 9/9/2018 3:00 | 277200 | 122.422 | 19.597 | 275.788 | 41933.668 | 46758.852 | 30.676 | 31.796 | 23.847 | 1.022 | 14.682 |
| 9/9/2018 3:15 | 278100 | 122.376 | 19.593 | 275.665 | 41913.254 | 46739.91 | 30.662 | 31.783 | 23.859 | 1.022 | 14.681 |
| 9/9/2018 3:30 | 279000 | 122.358 | 19.596 | 275.624 | 41950.727 | 46778.518 | 30.691 | 31.81 | 23.837 | 1.022 | 14.683 |
| 9/9/2018 3:45 | 279900 | 122.321 | 19.601 | 275.548 | 41933.406 | 46754.513 | 30.673 | 31.793 | 23.847 | 1.022 | 14.678 |
| 9/9/2018 4:00 | 280800 | 122.289 | 19.599 | 275.468 | 41966.414 | 46793.371 | 30.701 | 31.819 | 23.829 | 1.022 | 14.682 |
| 9/9/2018 4:15 | 281700 | 122.255 | 19.611 | 275.392 | 41945.934 | 46758.73 | 30.677 | 31.796 | 23.84 | 1.022 | 14.678 |
| 9/9/2018 4:30 | 282600 | 122.214 | 19.613 | 275.299 | 41933.57 | 46742.961 | 30.665 | 31.785 | 23.847 | 1.022 | 14.687 |
| 9/9/2018 4:45 | 283500 | 122.175 | 19.611 | 275.212 | 41950.355 | 46764.008 | 30.68 | 31.8 | 23.838 | 1.022 | 14.682 |
| 9/9/2018 5:00 | 284400 | 122.137 | 19.598 | 275.26 | 41926.926 | 46750.207 | 30.67 | 31.79 | 23.851 | 1.022 | 14.677 |
| 9/9/2018 5:15 | 285300 | 122.155 | 19.601 | 275.146 | 41934.18 | 46756.039 | 30.674 | 31.794 | 23.847 | 1.022 | 14.681 |
| 9/9/2018 5:30 | 286200 | 122.158 | 19.601 | 275.174 | 41943.242 | 46756.145 | 30.682 | 31.801 | 23.842 | 1.022 | 14.678 |
| 9/9/2018 5:45 | 287100 | 122.156 | 19.611 | 275.167 | 41919.844 | 46729.996 | 30.656 | 31.776 | 23.855 | 1.022 | 14.678 |
| 9/9/2018 6:00 | 288000 | 122.189 | 19.607 | 275.242 | 41976.961 | 46797.316 | 30.705 | 31.822 | 23.823 | 1.022 | 14.688 |
| 9/9/2018 6:15 | 288900 | 122.214 | 19.604 | 275.3 | 41967.898 | 46789.906 | 30.699 | 31.817 | 23.828 | 1.022 | 14.682 |
| 9/9/2018 6:30 | 289800 | 122.198 | 19.599 | 275.263 | 41934.34 | 46757.609 | 30.675 | 31.795 | 23.847 | 1.022 | 14.688 |
| 9/9/2018 6:45 | 290700 | 122.258 | 19.607 | 275.407 | 41958.867 | 46776.637 | 30.69 | 31.808 | 23.839 | 1.022 | 14.683 |
| 9/9/2018 7:00 | 291600 | 122.28 | 19.614 | 275.449 | 41975.464 | 46790.461 | 30.7 | 31.818 | 23.823 | 1.022 | 14.689 |
| 9/9/2018 7:15 | 292500 | 122.295 | 19.598 | 275.482 | 41943.281 | 46769.043 | 30.684 | 31.803 | 23.842 | 1.022 | 14.681 |
| 9/9/2018 7:30 | 293400 | 122.33 | 19.607 | 275.559 | 41995.906 | 46818.777 | 30.72 | 31.837 | 23.812 | 1.022 | 14.689 |
| 9/9/2018 7:45 | 294300 | 122.399 | 19.609 | 275.715 | 41979.797 | 46798.129 | 30.705 | 31.823 | 23.821 | 1.022 | 14.694 |
| 9/9/2018 8:00 | 295200 | 122.449 | 19.601 | 275.828 | 41978.52 | 46804.609 | 30.71 | 31.827 | 23.822 | 1.022 | 14.692 |
| 9/9/2018 8:15 | 296100 | 122.464 | 19.6 | 275.862 | 41949.637 | 46773.454 | 30.687 | 31.806 | 23.838 | 1.022 | 14.693 |
| 9/9/2018 8:30 | 297000 | 122.51 | 19.602 | 275.965 | 42012.623 | 46864.508 | 30.754 | 31.868 | 23.794 | 1.022 | 14.695 |
| 9/9/2018 8:45 | 297900 | 122.558 | 19.595 | 276.073 | 41953.332 | 46888.957 | 30.698 | 31.816 | 23.833 | 1.022 | 14.695 |
| 9/9/2018 9:00 | 298800 | 122.633 | 19.596 | 276.243 | 42004.395 | 46838.934 | 30.735 | 31.85 | 23.807 | 1.022 | 14.696 |
| 9/9/2018 9:15 | 299700 | 122.682 | 19.587 | 276.354 | 41941.805 | 46778.336 | 30.69 | 31.809 | 23.843 | 1.022 | 14.696 |
| 9/9/2018 9:30 | 300600 | 122.715 | 19.603 | 276.429 | 41978.16 | 46802.82 | 30.708 | 31.826 | 23.822 | 1.022 | 14.692 |
| 9/9/2018 9:45 | 301500 | 122.766 | 19.603 | 276.541 | 41961.277 | 46783.996 | 30.695 | 31.813 | 23.831 | 1.022 | 14.692 |
| 9/9/2018 10:00 | 302400 | 122.802 | 19.607 | 276.622 | 41931.035 | 46746.633 | 30.667 | 31.788 | 23.849 | 1.022 | 14.693 |
| 9/9/2018 10:15 | 303300 | 122.804 | 19.598 | 276.628 | 41993.629 | 46824.66 | 30.724 | 31.841 | 23.813 | 1.022 | 14.698 |
| 9/9/2018 10:30 | 304200 | 122.87 | 19.609 | 276.776 | 41964.574 | 46781.859 | 30.693 | 31.812 | 23.83 | 1.022 | 14.692 |
| 9/9/2018 10:45 | 305100 | 122.895 | 19.613 | 276.834 | 41952.781 | 46764.805 | 30.681 | 31.8 | 23.836 | 1.022 | 14.693 |
| 9/9/2018 11:00 | 306000 | 122.912 | 19.606 | 276.871 | 41950.34 | 46768.672 | 30.684 | 31.803 | 23.838 | 1.022 | 14.693 |
| 9/9/2018 11:15 | 306900 | 122.904 | 19.609 | 276.853 | 41971.734 | 46799.574 | 30.699 | 31.817 | 23.826 | 1.022 | 14.689 |
| 9/9/2018 11:30 | 307800 | 122.935 | 19.612 | 276.924 | 41978.926 | 46795.941 | 30.704 | 31.821 | 23.821 | 1.022 | 14.692 |
| 9/9/2018 11:45 | 308700 | 122.921 | 19.604 | 276.891 | 41932.848 | 46751.516 | 30.671 | 31.791 | 23.848 | 1.022 | 14.687 |
| 9/9/2018 12:00 | 309600 | 122.911 | 19.607 | 276.869 | 41946.371 | 46763.379 | 30.68 | 31.799 | 23.84 | 1.022 | 14.692 |
| 9/9/2018 12:15 | 310500 | 122.933 | 19.612 | 276.919 | 41957.5 | 46770.934 | 30.686 | 31.804 | 23.834 | 1.022 | 14.689 |
| 9/9/2018 12:30 | 311400 | 122.925 | 19.603 | 276.902 | 41992.477 | 46818.523 | 30.72 | 31.837 | 23.814 | 1.022 | 14.689 |
| 9/9/2018 12:45 | 312300 | 122.877 | 19.606 | 276.793 | 41964.797 | 46784.355 | 30.695 | 31.813 | 23.829 | 1.022 | 14.687 |
| 9/9/2018 13:00 | 313200 | 122.893 | 19.607 | 276.824 | 41953.645 | 46771.664 | 30.686 | 31.805 | 23.836 | 1.022 | 14.684 |
| 9/9/2018 13:15 | 314100 | 122.837 | 19.599 | 276.703 | 41956.273 | 46782.063 | 30.693 | 31.812 | 23.834 | 1.022 | 14.69 |
| 9/9/2018 13:30 | 315000 | 122.84 | 19.597 | 276.709 | 41970.246 | 46799.547 | 30.706 | 31.824 | 23.826 | 1.022 | 14.692 |
| 9/9/2018 13:45 | 315900 | 122.811 | 19.608 | 276.644 | 41977.41 | 46796.426 | 30.704 | 31.822 | 23.822 | 1.022 | 14.688 |
| 9/9/2018 14:00 | 316800 | 122.777 | 19.61 | 276.567 | 41968.375 | 46784.527 | 30.695 | 31.813 | 23.827 | 1.022 | 14.691 |
| 9/9/2018 14:15 | 317700 | 122.75 | 19.612 | 276.507 | 41972.086 | 46786.84 | 30.697 | 31.815 | 23.825 | 1.022 | 14.685 |
| 9/9/2018 14:30 | 318600 | 122.735 | 19.609 | 276.434 | 41950.989 | 46765.016 | 30.682 | 31.807 | 23.837 | 1.022 | 14.687 |
| 9/9/2018 14:45 | 319500 | 122.674 | 19.606 | 276.336 | 41971.551 | 46792.152 | 30.701 | 31.819 | 23.826 | 1.022 | 14.689 |
| 9/9/2018 15:00 | 320400 | 122.652 | 19.602 | 276.285 | 41956.805 | 46779.617 | 30.691 | 31.81 | 23.834 | 1.022 | 14.681 |
| 9/9/2018 15:15 | 321300 | 122.625 | 19.593 | 276.226 | 41941.504 | 46771.93 | 30.685 | 31.805 | 23.843 | 1.022 | 14.679 |
| 9/9/2018 15:30 | 322200 | 122.566 | 19.593 | 276.091 | 41954.992 | 46787.137 | 30.697 | 31.815 | 23.835 | 1.022 | 14.675 |
| 9/9/2018 15:45 | 323100 | 122.57 | 19.601 | 276.102 | 41928.258 | 46748.73 | 30.669 | 31.789 | 23.85 | 1.022 | 14.674 |
| 9/9/2018 16:00 | 324000 | 122.543 | 19.597 | 276.039 | 41965.867 | 46795.655 | 30.693 | 31.821 | 23.829 | 1.022 | 14.679 |
| 9/9/2018 16:15 | 324900 | 122.517 | 19.605 | 275.983 | 42025.363 | 46852.586 | 30.745 | 31.86 | 23.795 | 1.022 | 14.683 |
| 9/9/2018 16:30 | 325800 | 122.474 | 19.598 | 275.884 | 41977.797 | 46810.758 | 30.714 | 31.831 | 23.822 | 1.022 | 14.678 |
| 9/9/2018 16:45 | 326700 | 122.468 | 19.59 | 275.871 | 42024.246 | 46867.414 | 30.755 | 31.87 | 23.796 | 1.022 | 14.676 |
| 9/9/2018 17:00 | 327600 | 122.487 | 19.611 | 275.914 | 41990.211 | 46808.18 | 30.713 | 31.83 | 23.815 | 1.022 | 14.673 |
| 9/9/2018 17:15 | 328500 | 122.488 | 19.595 | 275.916 | 41961.285 | 46792.16 | 30.7 | 31.819 | 23.831 | 1.022 | 14.673 |
| 9/9/2018 17:30 | 329400 | 122.488 | 19.588 | 275.916 | 41924.867 | 46758.156 | 30.675 | 31.796 | 23.852 | 1.022 | 14.671 |
| 9/9/2018 17:45 | 330300 | 122.466 | 19.592 | 275.867 | 42002.992 | 46842.148 | 30.727 | 31.853 | 23.808 | 1.022 | 14.671 |
| 9/9/2018 18:00 | 331200 | 122.502 | 19.597 | 275.948 | 41948.691 | 46775.43 | 30.688 | 31.807 | 23.839 | 1.022 | 14.672 |
| 9/9/2018 18 | | | | | | | | | | | |

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|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/11/2018 2:30 | 448200 | 122.998 | 19.609 | 277.065 | 41997.516 | 46818.496 | 30.72 | 31.837 | 23.811 | 1.022 | 14.665 |
| 9/11/2018 2:45 | 449100 | 122.993 | 19.594 | 276.911 | 41934.059 | 46762.324 | 30.678 | 31.798 | 23.847 | 1.022 | 14.664 |
| 9/11/2018 3:00 | 450000 | 122.876 | 19.604 | 276.791 | 41970.504 | 46793.066 | 30.701 | 31.819 | 23.826 | 1.022 | 14.67 |
| 9/11/2018 3:15 | 450900 | 122.861 | 19.607 | 276.756 | 41951.699 | 46769.586 | 30.684 | 31.803 | 23.837 | 1.022 | 14.67 |
| 9/11/2018 3:30 | 451800 | 122.784 | 19.609 | 276.583 | 41944.059 | 46758.719 | 30.676 | 31.796 | 23.841 | 1.022 | 14.672 |
| 9/11/2018 3:45 | 452700 | 122.747 | 19.609 | 276.501 | 41968.922 | 46786.781 | 30.697 | 31.815 | 23.827 | 1.022 | 14.668 |
| 9/11/2018 4:00 | 453600 | 122.722 | 19.602 | 276.442 | 41954.828 | 46764.035 | 30.688 | 31.8 | 23.842 | 1.022 | 14.678 |
| 9/11/2018 4:15 | 454500 | 122.687 | 19.589 | 276.365 | 41967.258 | 46804.289 | 30.709 | 31.827 | 23.828 | 1.022 | 14.67 |
| 9/11/2018 4:30 | 455400 | 122.611 | 19.59 | 276.194 | 41949.762 | 46783.57 | 30.694 | 31.813 | 23.838 | 1.022 | 14.669 |
| 9/11/2018 4:45 | 456300 | 122.609 | 19.592 | 276.189 | 41953.434 | 46786.188 | 30.696 | 31.815 | 23.836 | 1.022 | 14.67 |
| 9/11/2018 5:00 | 457200 | 122.567 | 19.603 | 276.093 | 41971.25 | 46794.59 | 30.702 | 31.82 | 23.826 | 1.022 | 14.675 |
| 9/11/2018 5:15 | 458100 | 122.54 | 19.594 | 276.033 | 41941.422 | 46770.535 | 30.684 | 31.804 | 23.843 | 1.022 | 14.671 |
| 9/11/2018 5:30 | 459000 | 122.517 | 19.596 | 275.982 | 41971.5 | 46771.5 | 30.685 | 31.805 | 23.841 | 1.022 | 14.671 |
| 9/11/2018 5:45 | 459900 | 122.461 | 19.596 | 275.854 | 41922.336 | 46747.262 | 30.667 | 31.788 | 23.854 | 1.022 | 14.673 |
| 9/11/2018 6:00 | 460800 | 122.474 | 19.609 | 275.885 | 41942.254 | 46756.543 | 30.675 | 31.794 | 23.842 | 1.022 | 14.667 |
| 9/11/2018 6:15 | 461700 | 122.456 | 19.612 | 275.844 | 41959.359 | 46773.262 | 30.687 | 31.806 | 23.833 | 1.022 | 14.669 |
| 9/11/2018 6:30 | 462600 | 122.443 | 19.611 | 275.815 | 41966.957 | 46781.992 | 30.694 | 31.812 | 23.828 | 1.022 | 14.676 |
| 9/11/2018 6:45 | 463500 | 122.455 | 19.607 | 275.841 | 41952.586 | 46770.141 | 30.685 | 31.804 | 23.836 | 1.022 | 14.668 |
| 9/11/2018 7:00 | 464400 | 122.421 | 19.594 | 275.755 | 41934.422 | 46753.684 | 30.679 | 31.799 | 23.847 | 1.022 | 14.677 |
| 9/11/2018 7:15 | 465300 | 122.456 | 19.593 | 275.844 | 41938.133 | 46767.82 | 30.682 | 31.802 | 23.845 | 1.022 | 14.68 |
| 9/11/2018 7:30 | 466200 | 122.475 | 19.594 | 275.886 | 41919.203 | 46746.281 | 30.667 | 31.787 | 23.855 | 1.022 | 14.685 |
| 9/11/2018 7:45 | 467100 | 122.499 | 19.59 | 275.941 | 41950.758 | 46784.68 | 30.695 | 31.814 | 23.837 | 1.022 | 14.684 |
| 9/11/2018 8:00 | 468000 | 122.518 | 19.598 | 275.983 | 41956.16 | 46782.98 | 30.694 | 31.812 | 23.834 | 1.022 | 14.683 |
| 9/11/2018 8:15 | 468900 | 122.544 | 19.595 | 276.042 | 41945.176 | 46773.598 | 30.687 | 31.806 | 23.841 | 1.022 | 14.687 |
| 9/11/2018 8:30 | 469800 | 122.566 | 19.594 | 276.092 | 41939.965 | 46759.953 | 30.684 | 31.804 | 23.844 | 1.022 | 14.692 |
| 9/11/2018 8:45 | 470700 | 122.596 | 19.596 | 276.159 | 41953.754 | 46782.895 | 30.694 | 31.812 | 23.836 | 1.022 | 14.695 |
| 9/11/2018 9:00 | 471600 | 122.638 | 19.594 | 276.254 | 41950.828 | 46781.109 | 30.692 | 31.811 | 23.837 | 1.022 | 14.694 |
| 9/11/2018 9:15 | 472500 | 122.651 | 19.594 | 276.284 | 41948.406 | 46778.848 | 30.69 | 31.81 | 23.839 | 1.022 | 14.694 |
| 9/11/2018 9:30 | 473400 | 122.726 | 19.598 | 276.452 | 41999.555 | 46831.887 | 30.729 | 31.846 | 23.81 | 1.022 | 14.694 |
| 9/11/2018 9:45 | 474300 | 122.778 | 19.596 | 276.569 | 41921.434 | 46746.422 | 30.667 | 31.788 | 23.854 | 1.022 | 14.693 |
| 9/11/2018 10:00 | 475200 | 122.879 | 19.603 | 276.641 | 41970.113 | 46794.117 | 30.702 | 31.82 | 23.826 | 1.022 | 14.692 |
| 9/11/2018 10:15 | 476100 | 122.833 | 19.598 | 276.693 | 41934.227 | 46758.691 | 30.676 | 31.796 | 23.847 | 1.022 | 14.695 |
| 9/11/2018 10:30 | 477000 | 122.906 | 19.607 | 276.857 | 41945.02 | 46761.359 | 30.678 | 31.798 | 23.841 | 1.022 | 14.691 |
| 9/11/2018 10:45 | 477900 | 122.946 | 19.593 | 276.947 | 41957.527 | 46789.965 | 30.699 | 31.817 | 23.834 | 1.022 | 14.695 |
| 9/11/2018 11:00 | 478800 | 122.965 | 19.588 | 276.99 | 41904.34 | 46735.52 | 30.659 | 31.78 | 23.864 | 1.022 | 14.689 |
| 9/11/2018 11:15 | 479700 | 123.023 | 19.61 | 277.122 | 41942.996 | 46756.328 | 30.675 | 31.794 | 23.842 | 1.022 | 14.691 |
| 9/11/2018 11:30 | 480600 | 123.053 | 19.614 | 277.189 | 41987.551 | 46802.695 | 30.709 | 31.826 | 23.817 | 1.022 | 14.692 |
| 9/11/2018 11:45 | 481500 | 123.088 | 19.615 | 277.268 | 41975.066 | 46786.965 | 30.697 | 31.815 | 23.824 | 1.022 | 14.688 |
| 9/11/2018 12:00 | 482400 | 123.107 | 19.616 | 277.311 | 42073.195 | 46895.984 | 30.777 | 31.889 | 23.768 | 1.022 | 14.687 |
| 9/11/2018 12:15 | 483300 | 123.13 | 19.611 | 277.361 | 41965.016 | 46779.91 | 30.692 | 31.81 | 23.829 | 1.022 | 14.687 |
| 9/11/2018 12:30 | 484200 | 123.113 | 19.614 | 277.325 | 41994.004 | 46809.801 | 30.714 | 31.831 | 23.813 | 1.022 | 14.687 |
| 9/11/2018 12:45 | 485100 | 123.135 | 19.596 | 277.373 | 41972.652 | 46803.629 | 30.709 | 31.826 | 23.825 | 1.022 | 14.676 |
| 9/11/2018 13:00 | 486000 | 123.155 | 19.601 | 277.419 | 41956.633 | 46780.293 | 30.692 | 31.811 | 23.834 | 1.022 | 14.688 |
| 9/11/2018 13:15 | 486900 | 123.157 | 19.603 | 277.423 | 41974.423 | 46786.414 | 30.693 | 31.801 | 23.845 | 1.022 | 14.691 |
| 9/11/2018 13:30 | 487800 | 123.123 | 19.598 | 277.348 | 41943.281 | 46769.227 | 30.684 | 31.803 | 23.842 | 1.022 | 14.689 |
| 9/11/2018 13:45 | 488700 | 123.14 | 19.602 | 277.384 | 41970.191 | 46794.633 | 30.702 | 31.82 | 23.826 | 1.022 | 14.68 |
| 9/11/2018 14:00 | 489600 | 123.114 | 19.595 | 277.325 | 41939.762 | 46767.637 | 30.682 | 31.802 | 23.844 | 1.022 | 14.687 |
| 9/11/2018 14:15 | 490500 | 123.104 | 19.59 | 277.305 | 41958.219 | 46793.344 | 30.701 | 31.819 | 23.833 | 1.022 | 14.679 |
| 9/11/2018 14:30 | 491400 | 123.077 | 19.594 | 277.243 | 41959 | 46790.047 | 30.699 | 31.817 | 23.833 | 1.022 | 14.678 |
| 9/11/2018 14:45 | 492300 | 123.027 | 19.599 | 277.113 | 41929.461 | 46752.344 | 30.671 | 31.792 | 23.85 | 1.022 | 14.671 |
| 9/11/2018 15:00 | 493200 | 122.989 | 19.596 | 277.046 | 41950.355 | 46778.324 | 30.69 | 31.809 | 23.838 | 1.022 | 14.676 |
| 9/11/2018 15:15 | 494100 | 122.991 | 19.607 | 277.049 | 41976.945 | 46797.125 | 30.704 | 31.822 | 23.823 | 1.022 | 14.667 |
| 9/11/2018 15:30 | 495000 | 122.956 | 19.595 | 276.97 | 41931.445 | 46758.453 | 30.676 | 31.796 | 23.848 | 1.022 | 14.666 |
| 9/11/2018 15:45 | 495900 | 122.916 | 19.605 | 276.881 | 41908.668 | 46723.004 | 30.65 | 31.772 | 23.861 | 1.022 | 14.665 |
| 9/11/2018 16:00 | 496800 | 122.849 | 19.608 | 276.773 | 41952.227 | 46768.531 | 30.684 | 31.803 | 23.837 | 1.022 | 14.665 |
| 9/11/2018 16:15 | 497700 | 122.837 | 19.608 | 276.702 | 41947.836 | 46764.301 | 30.688 | 31.8 | 23.839 | 1.022 | 14.668 |
| 9/11/2018 16:30 | 498600 | 122.801 | 19.606 | 276.622 | 41935.5 | 46752.219 | 30.672 | 31.792 | 23.846 | 1.022 | 14.667 |
| 9/11/2018 16:45 | 499500 | 122.76 | 19.604 | 276.528 | 41992.012 | 46817.652 | 30.719 | 31.836 | 23.814 | 1.022 | 14.67 |
| 9/11/2018 17:00 | 500400 | 122.742 | 19.603 | 276.488 | 41913.469 | 46730.352 | 30.655 | 31.777 | 23.859 | 1.022 | 14.666 |
| 9/11/2018 17:15 | 501300 | 122.706 | 19.595 | 276.407 | 41937.516 | 46765.48 | 30.681 | 31.801 | 23.845 | 1.022 | 14.667 |
| 9/11/2018 17:30 | 502200 | 122.636 | 19.605 | 276.251 | 41957.855 | 46778.273 | 30.691 | 31.809 | 23.833 | 1.022 | 14.664 |
| 9/11/2018 17:45 | 503100 | 122.624 | 19.604 | 276.224 | 41947.133 | 46772.466 | 30.684 | 31.809 | 23.84 | 1.022 | 14.656 |
| 9/11/2018 18:00 | 504000 | 122.621 | 19.61 | 276.216 | 41963.066 | 46778.785 | 30.691 | 31.81 | 23.83 | 1.022 | 14.661 |
| 9/11/2018 18:15 | 504900 | 122.572 | 19.595 | 276.105 | 41952.543 | 46782.156 | 30.693 | 31.812 | 23.836 | 1.022 | 14.663 |
| 9/11/2018 18:30 | 505800 | 122.559 | 19.599 | 276.076 | 41945.16 | 46770.098 | 30.684 | 31.804 | 23.841 | 1.022 | 14.657 |
| 9/11/2018 18:45 | 506700 | 122.58 | 19.596 | 276.123 | 41937.078 | 46764.219 | 30.68 | 31.8 | 23.845 | 1.022 | 14.656 |
| 9/11/2018 19:00 | 507600 | 122.576 | 19.597 | 276.114 | 41963.832 | 46792.574 | 30.701 | 31.819 | 23.83 | 1.022 | 14.655 |
| 9/11/2018 19:15 | 508500 | 122.537 | 19.605 | 276.024 | 41964.227 | 46785.195 | 30.696 | 31.813 | 23.863 | 1.022 | 14.661 |
| 9/11/2018 19:30 | 509400 | 122.553 | 19.59 | 276.062 | 42030.367 | 46873.637 | 30.76 | 31.874 | 23.792 | 1.022 | 14.662 |
| 9/11/2018 19:45 | 510300 | 122.599 | 19.595 | 276.166 | 41967.629 | 46799.418 | 30.706 | 31.824 | 23.828 | 1.022 | 14.657 |
| 9/11/2018 20:00 | 511200 | 122.573 | 19.597 | 276.107 | 41986.977 | 46818.293 | 30.72 | 31.836 | 23.817 | 1.022 | 14.666 |
| 9/11/2018 20:15 | 512100 | 122.598 | 19.599 | 276.163 | 41938.5 | 46762.504 | 30.679 | 31.799 | 23.844 | 1.022 | 14.656 |
| 9/11/2018 20:30 | 513000 | 122.617 | 19.597 | 276.208 | 41978.625 | 46809.414 | 30.713 | 31.83 | 23.822 | 1.022 | 14.662 |
| 9/11/2018 20:45 | 513900 | 122.645 | 19.603 | 276.265 | 41970.25 | 46784.23 | 30.713 | 31.813 | 23.826 | 1.022 | 14.667 |
| 9/11/2018 21:00 | 514800 | 122.665 | 19.611 | 276.315 | 41941.648 | 46753.609 | 30.673 | 31.792 | 23.843 | 1.022 | 14.673 |
| 9/11/2018 21:15 | 515700 | 122.738 | 19.606 | 276.478 | 41964.117 | 46783.863 | 30.695 | 31.813 | 23.83 | 1.022 | 14.667 |
| 9/11/2018 21:30 | 516600 | 122.767 | 19.604 | 276.544 | 41923.395 | 46740.895 | 30.663 | 31.784 | 23.853 | 1.022 | 14.671 |
| 9/11/2018 21:45 | 517500 | 122.798 | 19.603 | 276.613 | 41990.207 | 46816.594 | 30.719 | 31.835 | 23.815 | 1.022 | 14.676 |
| 9/11/2018 22:00 | 518400 | 122.839 | 19.608 | 276.706 | 41961.598 | 46779.588 | 30.692 | 31.81 | 23.831 | 1.022 | 14.675 |
| 9/11/2018 22:15 | 519300 | 122.874 | 19.599 | 276.786 | 41979.789 | 46808.805 | 30.713 | 31.83 | 23.821 | 1.022 | 14.682 |
| 9/11/2018 22:30 | 520200 | 122.917 | 19.595 | 276.884 | 41953.871 | 46783.895 | 30.694 | 31.813 | 23.826 | 1.022 | 14.677 |
| 9/11/2018 22:45 | 521100 | 122.951 | 19.605 | 2 | | | | | | | |

| | | | | | | | | | | | |
|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/13/2018 7:15 | 638100 | 122.612 | 19.604 | 276.196 | 41950.855 | 46771.25 | 30.685 | 31.804 | 23.837 | 1.022 | 14.721 |
| 9/13/2018 7:30 | 639000 | 122.603 | 19.591 | 276.176 | 41932.637 | 46764.039 | 30.688 | 31.8 | 23.848 | 1.022 | 14.724 |
| 9/13/2018 7:45 | 639900 | 122.594 | 19.605 | 276.155 | 41973.871 | 46796.297 | 30.704 | 31.821 | 23.824 | 1.022 | 14.726 |
| 9/13/2018 8:00 | 640800 | 122.567 | 19.598 | 276.093 | 41960.227 | 46788.031 | 30.697 | 31.816 | 23.832 | 1.022 | 14.726 |
| 9/13/2018 8:15 | 641700 | 122.569 | 19.589 | 276.098 | 41965.395 | 46802.906 | 30.708 | 31.826 | 23.829 | 1.022 | 14.737 |
| 9/13/2018 8:30 | 642600 | 122.56 | 19.589 | 276.078 | 41958.645 | 46794.859 | 30.702 | 31.821 | 23.833 | 1.022 | 14.737 |
| 9/13/2018 8:45 | 643500 | 122.569 | 19.594 | 276.084 | 41967.52 | 46802.156 | 30.707 | 31.825 | 23.835 | 1.022 | 14.743 |
| 9/13/2018 9:00 | 644400 | 122.586 | 19.592 | 276.138 | 41969.586 | 46804.027 | 30.709 | 31.827 | 23.827 | 1.022 | 14.739 |
| 9/13/2018 9:15 | 645300 | 122.602 | 19.594 | 276.174 | 41959.32 | 46790.402 | 30.699 | 31.817 | 23.833 | 1.022 | 14.741 |
| 9/13/2018 9:30 | 646200 | 122.664 | 19.589 | 276.312 | 41964.082 | 46800.84 | 30.706 | 31.825 | 23.824 | 1.022 | 14.732 |
| 9/13/2018 9:45 | 647100 | 122.653 | 19.606 | 276.287 | 41975.313 | 46796.078 | 30.704 | 31.821 | 23.83 | 1.022 | 14.74 |
| 9/13/2018 10:00 | 648000 | 122.677 | 19.598 | 276.343 | 41951.109 | 46777.609 | 30.69 | 31.809 | 23.837 | 1.022 | 14.741 |
| 9/13/2018 10:15 | 648900 | 122.737 | 19.59 | 276.477 | 41959.125 | 46794.789 | 30.702 | 31.82 | 23.833 | 1.022 | 14.742 |
| 9/13/2018 10:30 | 649800 | 122.773 | 19.588 | 276.558 | 41917.195 | 46774.148 | 30.658 | 31.779 | 23.857 | 1.022 | 14.743 |
| 9/13/2018 10:45 | 650700 | 122.772 | 19.593 | 276.555 | 41981.469 | 46816.844 | 30.718 | 31.835 | 23.82 | 1.022 | 14.742 |
| 9/13/2018 11:00 | 651600 | 122.835 | 19.607 | 276.697 | 41949.289 | 46766.375 | 30.682 | 31.801 | 23.838 | 1.022 | 14.746 |
| 9/13/2018 11:15 | 652500 | 122.84 | 19.604 | 276.71 | 42035.484 | 46865.164 | 30.754 | 31.868 | 23.789 | 1.022 | 14.745 |
| 9/13/2018 11:30 | 653400 | 122.902 | 19.598 | 276.849 | 41985.32 | 46815.234 | 30.717 | 31.834 | 23.818 | 1.022 | 14.746 |
| 9/13/2018 11:45 | 654300 | 122.939 | 19.594 | 276.926 | 42004.009 | 46865.098 | 30.755 | 31.859 | 23.787 | 1.022 | 14.752 |
| 9/13/2018 12:00 | 655200 | 122.976 | 19.602 | 277.015 | 41994.617 | 46822.379 | 30.723 | 31.839 | 23.813 | 1.022 | 14.744 |
| 9/13/2018 12:15 | 656100 | 123.002 | 19.607 | 277.075 | 41984.473 | 46805.859 | 30.711 | 31.828 | 23.818 | 1.022 | 14.744 |
| 9/13/2018 12:30 | 657000 | 123.034 | 19.595 | 277.147 | 41972.117 | 46804.426 | 30.709 | 31.827 | 23.825 | 1.022 | 14.743 |
| 9/13/2018 12:45 | 657900 | 123.038 | 19.588 | 277.156 | 41956.047 | 46793.438 | 30.701 | 31.82 | 23.834 | 1.022 | 14.74 |
| 9/13/2018 13:00 | 658800 | 123.084 | 19.59 | 277.259 | 41985.559 | 46824.102 | 30.723 | 31.84 | 23.818 | 1.022 | 14.745 |
| 9/13/2018 13:15 | 659700 | 123.101 | 19.594 | 277.296 | 42004.79 | 46811.999 | 30.737 | 31.852 | 23.807 | 1.022 | 14.741 |
| 9/13/2018 13:30 | 660600 | 123.119 | 19.606 | 277.319 | 41950.297 | 46768.281 | 30.683 | 31.802 | 23.838 | 1.022 | 14.739 |
| 9/13/2018 13:45 | 661500 | 123.132 | 19.599 | 277.367 | 41970.543 | 46798.574 | 30.705 | 31.823 | 23.826 | 1.022 | 14.74 |
| 9/13/2018 14:00 | 662400 | 123.111 | 19.595 | 277.32 | 41940.902 | 46768.906 | 30.683 | 31.803 | 23.843 | 1.022 | 14.738 |
| 9/13/2018 14:15 | 663300 | 123.114 | 19.608 | 277.326 | 41985.113 | 46805.441 | 30.711 | 31.828 | 23.818 | 1.022 | 14.737 |
| 9/13/2018 14:30 | 664200 | 123.144 | 19.605 | 277.394 | 41960.313 | 46780.922 | 30.693 | 31.811 | 23.832 | 1.022 | 14.736 |
| 9/13/2018 14:45 | 665100 | 123.112 | 19.607 | 277.322 | 41962.194 | 46780.684 | 30.692 | 31.814 | 23.831 | 1.022 | 14.734 |
| 9/13/2018 15:00 | 666000 | 123.134 | 19.611 | 277.371 | 42011.016 | 46831.797 | 30.73 | 31.846 | 23.803 | 1.022 | 14.729 |
| 9/13/2018 15:15 | 666900 | 123.119 | 19.607 | 277.338 | 41968.211 | 46787.82 | 30.698 | 31.816 | 23.828 | 1.022 | 14.73 |
| 9/13/2018 15:30 | 667800 | 123.105 | 19.602 | 277.306 | 41966.02 | 46789.801 | 30.699 | 31.817 | 23.829 | 1.022 | 14.727 |
| 9/13/2018 15:45 | 668700 | 123.091 | 19.596 | 277.276 | 41960.672 | 46790.43 | 30.699 | 31.817 | 23.832 | 1.022 | 14.722 |
| 9/13/2018 16:00 | 669600 | 123.055 | 19.604 | 277.194 | 41949.504 | 46769.477 | 30.684 | 31.803 | 23.838 | 1.022 | 14.726 |
| 9/13/2018 16:15 | 670500 | 123.097 | 19.59 | 277.267 | 41965.44 | 46801.66 | 30.705 | 31.825 | 23.799 | 1.022 | 14.726 |
| 9/13/2018 16:30 | 671400 | 122.981 | 19.587 | 277.027 | 41958.289 | 46796.637 | 30.703 | 31.822 | 23.833 | 1.022 | 14.716 |
| 9/13/2018 16:45 | 672300 | 122.977 | 19.591 | 277.018 | 41979.27 | 46815.441 | 30.717 | 31.835 | 23.821 | 1.022 | 14.714 |
| 9/13/2018 17:00 | 673200 | 122.918 | 19.592 | 276.885 | 41951.824 | 46784.477 | 30.695 | 31.813 | 23.837 | 1.022 | 14.713 |
| 9/13/2018 17:15 | 674100 | 122.881 | 19.593 | 276.802 | 41959.617 | 46792.129 | 30.7 | 31.819 | 23.832 | 1.022 | 14.712 |
| 9/13/2018 17:30 | 675000 | 122.879 | 19.591 | 276.796 | 41951.855 | 46785.813 | 30.695 | 31.814 | 23.837 | 1.022 | 14.711 |
| 9/13/2018 17:45 | 675900 | 122.832 | 19.598 | 276.69 | 41910.656 | 46732.848 | 30.657 | 31.778 | 23.86 | 1.022 | 14.716 |
| 9/13/2018 18:00 | 676800 | 122.773 | 19.587 | 276.559 | 41960.684 | 46789.216 | 30.698 | 31.817 | 23.832 | 1.022 | 14.709 |
| 9/13/2018 18:15 | 677700 | 122.744 | 19.59 | 276.493 | 41957.137 | 46758.59 | 30.676 | 31.796 | 23.851 | 1.022 | 14.707 |
| 9/13/2018 18:30 | 678600 | 122.74 | 19.59 | 276.485 | 41964.207 | 46799.93 | 30.706 | 31.824 | 23.83 | 1.022 | 14.706 |
| 9/13/2018 18:45 | 679500 | 122.673 | 19.593 | 276.333 | 42062.578 | 46906.945 | 30.784 | 31.897 | 23.774 | 1.022 | 14.708 |
| 9/13/2018 19:00 | 680400 | 122.639 | 19.604 | 276.256 | 41995.449 | 46821.227 | 30.722 | 31.838 | 23.812 | 1.022 | 14.704 |
| 9/13/2018 19:15 | 681300 | 122.614 | 19.598 | 276.201 | 42007.25 | 46840.375 | 30.736 | 31.851 | 23.805 | 1.022 | 14.707 |
| 9/13/2018 19:30 | 682200 | 122.59 | 19.597 | 276.145 | 42031.863 | 46868.172 | 30.756 | 31.87 | 23.791 | 1.022 | 14.709 |
| 9/13/2018 19:45 | 683100 | 122.559 | 19.593 | 276.077 | 41978.855 | 46813.93 | 30.716 | 31.833 | 23.822 | 1.022 | 14.713 |
| 9/13/2018 20:00 | 684000 | 122.551 | 19.589 | 276.057 | 41966.699 | 46803.582 | 30.708 | 31.826 | 23.828 | 1.022 | 14.712 |
| 9/13/2018 20:15 | 684900 | 122.531 | 19.592 | 276.013 | 41985.316 | 46822.086 | 30.722 | 31.839 | 23.818 | 1.022 | 14.713 |
| 9/13/2018 20:30 | 685800 | 122.545 | 19.598 | 276.045 | 41951.445 | 46777.891 | 30.69 | 31.809 | 23.837 | 1.022 | 14.717 |
| 9/13/2018 20:45 | 686700 | 122.51 | 19.598 | 275.966 | 41939.793 | 46764.898 | 30.68 | 31.8 | 23.844 | 1.022 | 14.717 |
| 9/13/2018 21:00 | 687600 | 122.515 | 19.592 | 275.977 | 41977.363 | 46812.875 | 30.715 | 31.833 | 23.822 | 1.022 | 14.713 |
| 9/13/2018 21:15 | 688500 | 122.509 | 19.588 | 275.963 | 41956.125 | 46783.367 | 30.694 | 31.813 | 23.834 | 1.022 | 14.712 |
| 9/13/2018 21:30 | 689400 | 122.537 | 19.597 | 276.027 | 41945.598 | 46772.242 | 30.686 | 31.805 | 23.84 | 1.022 | 14.723 |
| 9/13/2018 21:45 | 690300 | 122.545 | 19.6 | 276.044 | 41927.398 | 46749.348 | 30.669 | 31.79 | 23.851 | 1.022 | 14.72 |
| 9/13/2018 22:00 | 691200 | 122.559 | 19.6 | 276.077 | 41955.48 | 46779.949 | 30.692 | 31.81 | 23.835 | 1.022 | 14.714 |
| 9/13/2018 22:15 | 692100 | 122.549 | 19.604 | 276.053 | 41945.664 | 46765.465 | 30.681 | 31.801 | 23.84 | 1.022 | 14.712 |
| 9/13/2018 22:30 | 693000 | 122.559 | 19.594 | 276.026 | 41967.79 | 46832.57 | 30.722 | 31.839 | 23.827 | 1.022 | 14.713 |
| 9/13/2018 22:45 | 693900 | 122.581 | 19.595 | 276.125 | 41942.008 | 46769.883 | 30.684 | 31.804 | 23.842 | 1.022 | 14.717 |
| 9/13/2018 23:00 | 694800 | 122.608 | 19.597 | 276.186 | 41957.691 | 46785.82 | 30.696 | 31.814 | 23.834 | 1.022 | 14.71 |
| 9/13/2018 23:15 | 695700 | 122.659 | 19.604 | 276.301 | 41986.938 | 46811.563 | 30.715 | 31.832 | 23.817 | 1.022 | 14.712 |
| 9/13/2018 23:30 | 696600 | 122.677 | 19.612 | 276.342 | 41975.113 | 46790.566 | 30.7 | 31.818 | 23.824 | 1.022 | 14.717 |
| 9/13/2018 23:45 | 697500 | 122.713 | 19.61 | 276.422 | 41951.328 | 46765.527 | 30.681 | 31.801 | 23.837 | 1.022 | 14.714 |
| 9/14/2018 0:00 | 698400 | 122.741 | 19.603 | 276.461 | 41957.434 | 46787.884 | 30.692 | 31.808 | 23.83 | 1.022 | 14.713 |
| 9/14/2018 0:15 | 699300 | 122.732 | 19.598 | 276.466 | 41953.801 | 46780.957 | 30.692 | 31.811 | 23.836 | 1.022 | 14.716 |
| 9/14/2018 0:30 | 700200 | 122.756 | 19.598 | 276.521 | 41971 | 46799.352 | 30.706 | 31.824 | 23.826 | 1.022 | 14.718 |
| 9/14/2018 0:45 | 701100 | 122.816 | 19.602 | 276.655 | 41962.094 | 46785.949 | 30.696 | 31.814 | 23.831 | 1.022 | 14.723 |
| 9/14/2018 1:00 | 702000 | 122.836 | 19.603 | 276.699 | 41960.645 | 46783.633 | 30.694 | 31.813 | 23.832 | 1.022 | 14.72 |
| 9/14/2018 1:15 | 702900 | 122.866 | 19.605 | 276.767 | 41933.199 | 46750.18 | 30.67 | 31.79 | 23.847 | 1.022 | 14.717 |
| 9/14/2018 1:30 | 703800 | 122.851 | 19.605 | 276.723 | 41957.363 | 46789.488 | 30.694 | 31.803 | 23.838 | 1.022 | 14.721 |
| 9/14/2018 1:45 | 704700 | 122.87 | 19.597 | 276.777 | 41938.813 | 46764.93 | 30.68 | 31.8 | 23.844 | 1.022 | 14.722 |
| 9/14/2018 2:00 | 705600 | 122.927 | 19.599 | 276.904 | 41945.207 | 46770.324 | 30.684 | 31.804 | 23.841 | 1.022 | 14.715 |
| 9/14/2018 2:15 | 706500 | 122.902 | 19.593 | 276.849 | 42005.598 | 46843.145 | 30.738 | 31.853 | 23.806 | 1.022 | 14.721 |
| 9/14/2018 2:30 | 707400 | 122.948 | 19.595 | 276.951 | 41962.578 | 46793.004 | 30.701 | 31.819 | 23.831 | 1.022 | 14.72 |
| 9/14/2018 2:45 | 708300 | 122.945 | 19.598 | 276.945 | 41971.023 | 46800.164 | 30.706 | 31.824 | 23.826 | 1.022 | 14.724 |
| 9/14/2018 3:00 | 709200 | 122.926 | 19.596 | 276.926 | 41978.797 | 46810.563 | 30.714 | 31.831 | 23.822 | 1.022 | 14.716 |
| 9/14/2018 3:15 | 710100 | 122.926 | 19.59 | 276.903 | 41941.523 | 46775.156 | 30.692 | 31.807 | 23.843 | 1.022 | 14.716 |
| 9/14/2018 3:30 | 711000 | 122.952 | 19.598 | 276.9 | | | | | | | |

| | | | | | | | | | | | |
|-----------------|--------|---------|--------|-----------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/15/2018 12:00 | 828000 | 122.867 | 19.597 | 276.77 | 41972.109 | 46801.457 | 30.707 | 31.825 | 23.825 | 1.022 | 14.725 |
| 9/15/2018 12:15 | 828900 | 122.844 | 19.6 | 276.719 | 41953.742 | 46778.195 | 30.69 | 31.809 | 23.836 | 1.022 | 14.729 |
| 9/15/2018 12:30 | 829800 | 122.901 | 19.61 | 276.848 | 41957.66 | 46772.586 | 30.687 | 31.805 | 23.834 | 1.022 | 14.722 |
| 9/15/2018 12:45 | 830700 | 122.927 | 19.607 | 276.904 | 41970.148 | 46789.887 | 30.699 | 31.817 | 23.826 | 1.022 | 14.721 |
| 9/15/2018 13:00 | 831600 | 122.947 | 19.613 | 276.951 | 41950.973 | 46762.098 | 30.679 | 31.798 | 23.837 | 1.022 | 14.723 |
| 9/15/2018 13:15 | 832500 | 122.972 | 19.612 | 277.007 | 41952.109 | 46764.75 | 30.681 | 31.8 | 23.837 | 1.022 | 14.72 |
| 9/15/2018 13:30 | 833400 | 122.998 | 19.617 | 277.066 | 41953.987 | 46763.305 | 30.689 | 31.808 | 23.838 | 1.022 | 14.72 |
| 9/15/2018 13:45 | 834300 | 123.022 | 19.602 | 277.119 | 41959.41 | 46783.215 | 30.694 | 31.813 | 23.833 | 1.022 | 14.717 |
| 9/15/2018 14:00 | 835200 | 123.029 | 19.601 | 277.134 | 41966.285 | 46791.313 | 30.7 | 31.818 | 23.829 | 1.022 | 14.723 |
| 9/15/2018 14:15 | 836100 | 123.057 | 19.607 | 277.197 | 41951.961 | 46769.703 | 30.684 | 31.803 | 23.837 | 1.022 | 14.713 |
| 9/15/2018 14:30 | 837000 | 123.074 | 19.611 | 277.237 | 41914.047 | 46723.094 | 30.65 | 31.772 | 23.858 | 1.022 | 14.715 |
| 9/15/2018 14:45 | 837900 | 123.06 | 19.604 | 277.204 | 41960.602 | 46782.117 | 30.693 | 31.812 | 23.832 | 1.022 | 14.71 |
| 9/15/2018 15:00 | 838800 | 123.087 | 19.613 | 277.289 | 41969.738 | 46783.525 | 30.695 | 31.813 | 23.827 | 1.022 | 14.711 |
| 9/15/2018 15:15 | 839700 | 123.113 | 19.609 | 277.324 | 41942.711 | 46757.484 | 30.676 | 31.795 | 23.842 | 1.022 | 14.708 |
| 9/15/2018 15:30 | 840600 | 123.119 | 19.593 | 277.338 | 41908.738 | 46734.957 | 30.658 | 31.78 | 23.861 | 1.022 | 14.711 |
| 9/15/2018 15:45 | 841500 | 123.125 | 19.605 | 277.35 | 41986.418 | 46809.77 | 30.714 | 31.831 | 23.817 | 1.022 | 14.704 |
| 9/15/2018 16:00 | 842400 | 123.121 | 19.609 | 277.342 | 41971.066 | 46789.262 | 30.699 | 31.817 | 23.826 | 1.022 | 14.704 |
| 9/15/2018 16:15 | 843300 | 123.126 | 19.61 | 277.353 | 41967.336 | 46783.461 | 30.695 | 31.813 | 23.828 | 1.022 | 14.7 |
| 9/15/2018 16:30 | 844200 | 123.094 | 19.599 | 277.285 | 42004.548 | 46858.207 | 30.749 | 31.854 | 23.796 | 1.022 | 14.693 |
| 9/15/2018 16:45 | 845100 | 123.11 | 19.608 | 277.318 | 41983.113 | 46803.566 | 30.709 | 31.826 | 23.819 | 1.022 | 14.699 |
| 9/15/2018 17:00 | 846000 | 123.074 | 19.604 | 277.235 | 42005.559 | 46831.891 | 30.73 | 31.846 | 23.806 | 1.022 | 14.691 |
| 9/15/2018 17:15 | 846900 | 123.056 | 19.606 | 277.196 | 41956.75 | 46775.477 | 30.689 | 31.807 | 23.834 | 1.022 | 14.692 |
| 9/15/2018 17:30 | 847800 | 123.042 | 19.596 | 277.164 | 41957.426 | 46786.211 | 30.696 | 31.815 | 23.834 | 1.022 | 14.694 |
| 9/15/2018 17:45 | 848700 | 123.055 | 19.592 | 277.193 | 41985.965 | 46823.383 | 30.722 | 31.839 | 23.817 | 1.022 | 14.694 |
| 9/15/2018 18:00 | 849600 | 123.071 | 19.591 | 277.238 | 41960.484 | 46795.282 | 30.702 | 31.821 | 23.832 | 1.022 | 14.697 |
| 9/15/2018 18:15 | 850500 | 122.978 | 19.592 | 277.019 | 41960.016 | 46793.699 | 30.701 | 31.82 | 23.832 | 1.022 | 14.696 |
| 9/15/2018 18:30 | 851400 | 122.949 | 19.589 | 276.955 | 41950.727 | 46786.285 | 30.696 | 31.815 | 23.837 | 1.022 | 14.693 |
| 9/15/2018 18:45 | 852300 | 122.954 | 19.589 | 276.966 | 41961.539 | 46798.438 | 30.705 | 31.823 | 23.831 | 1.022 | 14.688 |
| 9/15/2018 19:00 | 853200 | 122.903 | 19.593 | 276.851 | 41941.438 | 46772.113 | 30.686 | 31.805 | 23.843 | 1.022 | 14.685 |
| 9/15/2018 19:15 | 854100 | 122.888 | 19.594 | 276.816 | 41954.324 | 46785.008 | 30.695 | 31.814 | 23.835 | 1.022 | 14.692 |
| 9/15/2018 19:30 | 855000 | 122.842 | 19.595 | 276.713 | 41929.078 | 46755.648 | 30.674 | 31.794 | 23.85 | 1.022 | 14.697 |
| 9/15/2018 19:45 | 855900 | 122.824 | 19.59 | 276.672 | 41937.141 | 46770.27 | 30.684 | 31.804 | 23.845 | 1.022 | 14.7 |
| 9/15/2018 20:00 | 856800 | 122.766 | 19.593 | 276.541 | 41953.914 | 46785.855 | 30.696 | 31.814 | 23.836 | 1.022 | 14.701 |
| 9/15/2018 20:15 | 857700 | 122.74 | 19.593 | 276.483 | 41943.547 | 46774.031 | 30.687 | 31.806 | 23.842 | 1.022 | 14.7 |
| 9/15/2018 20:30 | 858600 | 122.71 | 19.596 | 276.416 | 41921.898 | 46746.852 | 30.667 | 31.788 | 23.854 | 1.022 | 14.698 |
| 9/15/2018 20:45 | 859500 | 122.679 | 19.598 | 276.345 | 41948.059 | 46774.207 | 30.687 | 31.806 | 23.839 | 1.022 | 14.7 |
| 9/15/2018 21:00 | 860400 | 122.649 | 19.59 | 276.279 | 41957.043 | 46791.781 | 30.7 | 31.818 | 23.824 | 1.022 | 14.706 |
| 9/15/2018 21:15 | 861300 | 122.628 | 19.593 | 276.222 | 41940.525 | 46770.5 | 30.684 | 31.804 | 23.843 | 1.022 | 14.704 |
| 9/15/2018 21:30 | 862200 | 122.629 | 19.597 | 276.234 | 41944.207 | 46770.691 | 30.685 | 31.804 | 23.841 | 1.022 | 14.708 |
| 9/15/2018 21:45 | 863100 | 122.572 | 19.601 | 276.105 | 42045.668 | 46880.434 | 30.765 | 31.879 | 23.784 | 1.022 | 14.706 |
| 9/15/2018 22:00 | 864000 | 122.589 | 19.608 | 276.144 | 42022.781 | 46847.875 | 30.742 | 31.857 | 23.797 | 1.022 | 14.701 |
| 9/15/2018 22:15 | 864900 | 122.539 | 19.611 | 276.031 | 42037.953 | 46861.582 | 30.752 | 31.866 | 23.788 | 1.022 | 14.707 |
| 9/15/2018 22:30 | 865800 | 122.55 | 19.614 | 276.055 | 41999.215 | 46815.699 | 30.718 | 31.835 | 23.81 | 1.022 | 14.712 |
| 9/15/2018 22:45 | 866700 | 122.546 | 19.606 | 276.046 | 41966.706 | 46797.824 | 30.722 | 31.839 | 23.811 | 1.022 | 14.703 |
| 9/15/2018 23:00 | 867600 | 122.542 | 19.601 | 276.038 | 42000.063 | 46829.414 | 30.728 | 31.844 | 23.809 | 1.022 | 14.707 |
| 9/15/2018 23:15 | 868500 | 122.53 | 19.613 | 276.012 | 41983.445 | 46798.988 | 30.706 | 31.823 | 23.819 | 1.022 | 14.715 |
| 9/15/2018 23:30 | 869400 | 122.497 | 19.611 | 275.936 | 41982.543 | 46800.055 | 30.707 | 31.824 | 23.819 | 1.022 | 14.711 |
| 9/15/2018 23:45 | 870300 | 122.527 | 19.61 | 276.004 | 41926.551 | 46737.906 | 30.661 | 31.782 | 23.851 | 1.022 | 14.713 |
| 9/16/2018 0:00 | 871200 | 122.53 | 19.607 | 276.011 | 41962.449 | 46781.574 | 30.693 | 31.811 | 23.831 | 1.022 | 14.713 |
| 9/16/2018 0:15 | 872100 | 122.538 | 19.601 | 276.038 | 41960.141 | 46784.281 | 30.695 | 31.813 | 23.832 | 1.022 | 14.713 |
| 9/16/2018 0:30 | 873000 | 122.545 | 19.605 | 276.045 | 41953 | 46772.336 | 30.686 | 31.805 | 23.836 | 1.022 | 14.712 |
| 9/16/2018 0:45 | 873900 | 122.557 | 19.611 | 276.072 | 41987.859 | 46805.125 | 30.711 | 31.827 | 23.816 | 1.022 | 14.715 |
| 9/16/2018 1:00 | 874800 | 122.579 | 19.605 | 276.121 | 41956.168 | 46776.301 | 30.689 | 31.808 | 23.834 | 1.022 | 14.712 |
| 9/16/2018 1:15 | 875700 | 122.558 | 19.605 | 276.073 | 41978.035 | 46800.508 | 30.707 | 31.824 | 23.822 | 1.022 | 14.717 |
| 9/16/2018 1:30 | 876600 | 122.616 | 19.606 | 276.206 | 41986.621 | 46808.777 | 30.713 | 31.83 | 23.817 | 1.022 | 14.708 |
| 9/16/2018 1:45 | 877500 | 122.625 | 19.61 | 276.225 | 41958.828 | 46785.207 | 30.696 | 31.814 | 23.827 | 1.022 | 14.715 |
| 9/16/2018 2:00 | 878400 | 122.646 | 19.611 | 276.271 | 41996.234 | 46814.895 | 30.718 | 31.834 | 23.812 | 1.022 | 14.717 |
| 9/16/2018 2:15 | 879300 | 122.636 | 19.598 | 276.25 | 41928.098 | 46751.773 | 30.671 | 31.791 | 23.85 | 1.022 | 14.717 |
| 9/16/2018 2:30 | 880200 | 122.662 | 19.587 | 276.309 | 41970.375 | 46810.199 | 30.713 | 31.831 | 23.826 | 1.022 | 14.717 |
| 9/16/2018 2:45 | 881100 | 122.688 | 19.59 | 276.367 | 41989.355 | 46827.898 | 30.726 | 31.843 | 23.816 | 1.022 | 14.714 |
| 9/16/2018 3:00 | 882000 | 122.731 | 19.594 | 276.464 | 41965.305 | 46797.352 | 30.704 | 31.822 | 23.829 | 1.022 | 14.718 |
| 9/16/2018 3:15 | 882900 | 122.72 | 19.592 | 276.432 | 41950.516 | 46785.207 | 30.69 | 31.79 | 23.855 | 1.022 | 14.717 |
| 9/16/2018 3:30 | 883800 | 122.769 | 19.596 | 276.55 | 41975.59 | 46806.723 | 30.711 | 31.829 | 23.823 | 1.022 | 14.717 |
| 9/16/2018 3:45 | 884700 | 122.785 | 19.611 | 276.586 | 41989.828 | 46808.176 | 30.713 | 31.83 | 23.815 | 1.022 | 14.72 |
| 9/16/2018 4:00 | 885600 | 122.805 | 19.615 | 276.63 | 41981.234 | 46794.18 | 30.703 | 31.82 | 23.82 | 1.022 | 14.712 |
| 9/16/2018 4:15 | 886500 | 122.814 | 19.615 | 276.652 | 41955.855 | 46765.793 | 30.682 | 31.801 | 23.835 | 1.022 | 14.714 |
| 9/16/2018 4:30 | 887400 | 122.829 | 19.612 | 276.684 | 41956.168 | 46769.012 | 30.684 | 31.803 | 23.834 | 1.022 | 14.716 |
| 9/16/2018 4:45 | 888300 | 122.841 | 19.613 | 276.711 | 41982.103 | 46807.574 | 30.712 | 31.829 | 23.819 | 1.022 | 14.715 |
| 9/16/2018 5:00 | 889200 | 122.82 | 19.597 | 276.665 | 41965.645 | 46794.766 | 30.702 | 31.82 | 23.829 | 1.022 | 14.716 |
| 9/16/2018 5:15 | 890100 | 122.853 | 19.593 | 276.737 | 41955 | 46786.367 | 30.696 | 31.815 | 23.835 | 1.022 | 14.72 |
| 9/16/2018 5:30 | 891000 | 122.865 | 19.599 | 276.765 | 41955.398 | 46781.09 | 30.692 | 31.811 | 23.835 | 1.022 | 14.716 |
| 9/16/2018 5:45 | 891900 | 122.838 | 19.588 | 276.706 | 41954.547 | 46791.516 | 30.699 | 31.818 | 23.835 | 1.022 | 14.722 |
| 9/16/2018 6:00 | 892800 | 122.837 | 19.583 | 276.703 | 41943.281 | 46783.735 | 30.693 | 31.813 | 23.842 | 1.022 | 14.726 |
| 9/16/2018 6:15 | 893700 | 122.848 | 19.59 | 276.725 | 41969.059 | 46800.23 | 30.706 | 31.824 | 23.827 | 1.022 | 14.728 |
| 9/16/2018 6:30 | 894600 | 122.838 | 19.596 | 276.705 | 41951.852 | 46780.434 | 30.692 | 31.811 | 23.837 | 1.022 | 14.724 |
| 9/16/2018 6:45 | 895500 | 122.833 | 19.592 | 276.693 | 41912.633 | 46740.773 | 30.663 | 31.784 | 23.859 | 1.022 | 14.729 |
| 9/16/2018 7:00 | 896400 | 122.866 | 19.595 | 276.767 | 41916.426 | 46741.449 | 30.663 | 31.784 | 23.857 | 1.022 | 14.726 |
| 9/16/2018 7:15 | 897300 | 122.855 | 19.603 | 276.743 | 42006.258 | 46833.703 | 30.731 | 31.847 | 23.806 | 1.022 | 14.727 |
| 9/16/2018 7:30 | 898200 | 122.846 | 19.592 | 276.723 | 41971.523 | 46806.188 | 30.71 | 31.828 | 23.826 | 1.022 | 14.729 |
| 9/16/2018 7:45 | 899100 | 122.835 | 19.589 | 276.697 | 42033.145 | 46878.125 | 30.763 | 31.877 | 23.791 | 1.022 | 14.725 |
| 9/16/2018 8:00 | 900000 | 122.797 | 19.593 | 276.613 | 41900.914 | 46795.457 | 30.682 | 31.823 | 23.831 | 1.022 | 14.731 |
| 9/16/2018 8:15 | 900900 | 122.791 | 19.595 | 276.598</ | | | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/17/2018 16:45 | 1017900 | 123.075 | 19.598 | 277.239 | 41959.305 | 46787.094 | 30.697 | 31.815 | 23.833 | 1.022 | 14.703 |
| 9/17/2018 17:00 | 1018800 | 123.09 | 19.594 | 277.272 | 41965.156 | 46797.184 | 30.704 | 31.822 | 23.829 | 1.022 | 14.7 |
| 9/17/2018 17:15 | 1019700 | 123.092 | 19.591 | 277.277 | 41940.203 | 46772.742 | 30.686 | 31.805 | 23.843 | 1.022 | 14.707 |
| 9/17/2018 17:30 | 1020600 | 123.135 | 19.595 | 277.373 | 42056.031 | 46897.289 | 30.777 | 31.89 | 23.778 | 1.022 | 14.704 |
| 9/17/2018 17:45 | 1021500 | 123.142 | 19.596 | 277.39 | 41991.059 | 46824.414 | 30.724 | 31.841 | 23.81 | 1.022 | 14.704 |
| 9/17/2018 18:00 | 1022400 | 123.103 | 19.602 | 277.301 | 42055.488 | 46867.691 | 30.756 | 31.87 | 23.789 | 1.022 | 14.709 |
| 9/17/2018 18:15 | 1023300 | 123.137 | 19.611 | 277.37 | 41997.578 | 46816.125 | 30.731 | 31.855 | 23.811 | 1.022 | 14.708 |
| 9/17/2018 18:30 | 1024200 | 123.108 | 19.609 | 277.313 | 41964.512 | 46781.613 | 30.693 | 31.811 | 23.83 | 1.022 | 14.7 |
| 9/17/2018 18:45 | 1025100 | 123.136 | 19.596 | 277.376 | 41979.715 | 46811.246 | 30.714 | 31.832 | 23.821 | 1.022 | 14.699 |
| 9/17/2018 19:00 | 1026000 | 123.139 | 19.587 | 277.383 | 41925.672 | 46759.742 | 30.676 | 31.797 | 23.852 | 1.022 | 14.693 |
| 9/17/2018 19:15 | 1026900 | 123.087 | 19.588 | 277.265 | 41954.809 | 46792.059 | 30.7 | 31.819 | 23.835 | 1.022 | 14.702 |
| 9/17/2018 19:30 | 1027800 | 123.078 | 19.594 | 277.244 | 41973.578 | 46806.918 | 30.711 | 31.829 | 23.825 | 1.022 | 14.7 |
| 9/17/2018 19:45 | 1028700 | 123.080 | 19.600 | 277.253 | 41976.349 | 46795.422 | 30.723 | 31.833 | 23.823 | 1.022 | 14.701 |
| 9/17/2018 20:00 | 1029600 | 123.031 | 19.614 | 277.139 | 41971.809 | 46784.625 | 30.696 | 31.814 | 23.826 | 1.022 | 14.706 |
| 9/17/2018 20:15 | 1030500 | 123.01 | 19.61 | 277.092 | 41941.109 | 46754.906 | 30.674 | 31.793 | 23.843 | 1.022 | 14.706 |
| 9/17/2018 20:30 | 1031400 | 123.022 | 19.608 | 277.12 | 42012.109 | 46835.191 | 30.732 | 31.848 | 23.803 | 1.022 | 14.705 |
| 9/17/2018 20:45 | 1032300 | 122.997 | 19.609 | 277.063 | 42011.016 | 46833.363 | 30.731 | 31.847 | 23.803 | 1.022 | 14.706 |
| 9/17/2018 21:00 | 1033200 | 122.963 | 19.598 | 276.987 | 41951.734 | 46778.129 | 30.69 | 31.809 | 23.837 | 1.022 | 14.714 |
| 9/17/2018 21:15 | 1034100 | 122.908 | 19.592 | 276.852 | 41957.466 | 46797.68 | 30.697 | 31.825 | 23.826 | 1.022 | 14.723 |
| 9/17/2018 21:30 | 1035000 | 122.912 | 19.609 | 276.871 | 41949.414 | 46764.691 | 30.681 | 31.8 | 23.838 | 1.022 | 14.716 |
| 9/17/2018 21:45 | 1035900 | 122.855 | 19.592 | 276.743 | 41933.031 | 46763.777 | 30.679 | 31.799 | 23.848 | 1.022 | 14.715 |
| 9/17/2018 22:00 | 1036800 | 122.826 | 19.588 | 276.677 | 41954.344 | 46791.031 | 30.699 | 31.818 | 23.835 | 1.022 | 14.713 |
| 9/17/2018 22:15 | 1037700 | 122.792 | 19.597 | 276.601 | 41973.449 | 46803.035 | 30.708 | 31.826 | 23.825 | 1.022 | 14.716 |
| 9/17/2018 22:30 | 1038600 | 122.758 | 19.597 | 276.523 | 41931.375 | 46756.293 | 30.674 | 31.794 | 23.848 | 1.022 | 14.718 |
| 9/17/2018 22:45 | 1039500 | 122.729 | 19.603 | 276.445 | 41951.199 | 46772.414 | 30.686 | 31.805 | 23.837 | 1.022 | 14.719 |
| 9/17/2018 23:00 | 1040400 | 122.727 | 19.608 | 276.455 | 41952.758 | 46769.027 | 30.684 | 31.803 | 23.836 | 1.022 | 14.722 |
| 9/17/2018 23:15 | 1041300 | 122.678 | 19.61 | 276.345 | 41979.988 | 46798.25 | 30.705 | 31.823 | 23.821 | 1.022 | 14.712 |
| 9/17/2018 23:30 | 1042200 | 122.68 | 19.61 | 276.348 | 41997.207 | 46817.371 | 30.719 | 31.836 | 23.811 | 1.022 | 14.717 |
| 9/17/2018 23:45 | 1043100 | 122.652 | 19.608 | 276.285 | 41956.258 | 46772.844 | 30.687 | 31.806 | 23.834 | 1.022 | 14.717 |
| 9/18/2018 0:00 | 1044000 | 122.641 | 19.615 | 276.262 | 41971.996 | 46783.785 | 30.695 | 31.813 | 23.825 | 1.022 | 14.714 |
| 9/18/2018 0:15 | 1044900 | 122.618 | 19.609 | 276.209 | 41960.375 | 46776.91 | 30.649 | 31.808 | 23.83 | 1.022 | 14.716 |
| 9/18/2018 0:30 | 1045800 | 122.604 | 19.613 | 276.178 | 41944.016 | 46755.113 | 30.674 | 31.793 | 23.841 | 1.022 | 14.714 |
| 9/18/2018 0:45 | 1046700 | 122.553 | 19.613 | 276.062 | 41946.93 | 46757.492 | 30.676 | 31.795 | 23.84 | 1.022 | 14.718 |
| 9/18/2018 1:00 | 1047600 | 122.579 | 19.615 | 276.122 | 41974.848 | 46787.328 | 30.698 | 31.815 | 23.824 | 1.022 | 14.714 |
| 9/18/2018 1:15 | 1048500 | 122.54 | 19.603 | 276.032 | 41961.484 | 46784.402 | 30.695 | 31.813 | 23.831 | 1.022 | 14.719 |
| 9/18/2018 1:30 | 1049400 | 122.576 | 19.596 | 276.113 | 41962.863 | 46792.355 | 30.7 | 31.819 | 23.831 | 1.022 | 14.712 |
| 9/18/2018 1:45 | 1050300 | 122.567 | 19.595 | 276.104 | 41942.266 | 46771.301 | 30.685 | 31.804 | 23.845 | 1.022 | 14.716 |
| 9/18/2018 2:00 | 1051200 | 122.547 | 19.599 | 276.048 | 41975.797 | 46804.352 | 30.709 | 31.827 | 23.823 | 1.022 | 14.711 |
| 9/18/2018 2:15 | 1052100 | 122.576 | 19.603 | 276.113 | 41984.332 | 46809.785 | 30.714 | 31.831 | 23.818 | 1.022 | 14.711 |
| 9/18/2018 2:30 | 1053000 | 122.586 | 19.614 | 276.136 | 42013.301 | 46831.227 | 30.73 | 31.845 | 23.802 | 1.022 | 14.712 |
| 9/18/2018 2:45 | 1053900 | 122.595 | 19.607 | 276.157 | 41951.953 | 46769.695 | 30.684 | 31.803 | 23.837 | 1.022 | 14.713 |
| 9/18/2018 3:00 | 1054800 | 122.6 | 19.611 | 276.169 | 41977.285 | 46793.68 | 30.702 | 31.82 | 23.822 | 1.022 | 14.713 |
| 9/18/2018 3:15 | 1055700 | 122.593 | 19.612 | 276.153 | 41944.551 | 46756.324 | 30.675 | 31.794 | 23.841 | 1.022 | 14.71 |
| 9/18/2018 3:30 | 1056600 | 122.645 | 19.606 | 276.255 | 41981.659 | 46803.375 | 30.699 | 31.826 | 23.82 | 1.022 | 14.719 |
| 9/18/2018 3:45 | 1057500 | 122.653 | 19.604 | 276.288 | 41970.953 | 46793.742 | 30.702 | 31.82 | 23.826 | 1.022 | 14.714 |
| 9/18/2018 4:00 | 1058400 | 122.676 | 19.602 | 276.34 | 42025.242 | 46856.012 | 30.747 | 31.862 | 23.795 | 1.022 | 14.71 |
| 9/18/2018 4:15 | 1059300 | 122.702 | 19.61 | 276.399 | 41975.77 | 46793.031 | 30.702 | 31.819 | 23.823 | 1.022 | 14.71 |
| 9/18/2018 4:30 | 1060200 | 122.725 | 19.603 | 276.449 | 42011.457 | 46839.684 | 30.735 | 31.851 | 23.803 | 1.022 | 14.714 |
| 9/18/2018 4:45 | 1061100 | 122.749 | 19.61 | 276.503 | 41982.566 | 46800.875 | 30.707 | 31.825 | 23.819 | 1.022 | 14.715 |
| 9/18/2018 5:00 | 1062000 | 122.741 | 19.609 | 276.485 | 41966.258 | 46783.898 | 30.695 | 31.813 | 23.829 | 1.022 | 14.715 |
| 9/18/2018 5:15 | 1062900 | 122.758 | 19.605 | 276.524 | 41959.133 | 46779.863 | 30.692 | 31.81 | 23.833 | 1.022 | 14.719 |
| 9/18/2018 5:30 | 1063800 | 122.785 | 19.604 | 276.586 | 41960.367 | 46782.281 | 30.693 | 31.812 | 23.832 | 1.022 | 14.715 |
| 9/18/2018 5:45 | 1064700 | 122.817 | 19.6 | 276.658 | 41939.227 | 46762.266 | 30.679 | 31.798 | 23.844 | 1.022 | 14.71 |
| 9/18/2018 6:00 | 1065600 | 122.86 | 19.593 | 276.753 | 41954.824 | 46786.434 | 30.696 | 31.815 | 23.835 | 1.022 | 14.72 |
| 9/18/2018 6:15 | 1066500 | 122.86 | 19.595 | 276.755 | 41940.141 | 46768.582 | 30.683 | 31.803 | 23.844 | 1.022 | 14.716 |
| 9/18/2018 6:30 | 1067400 | 122.899 | 19.592 | 276.842 | 41985.08 | 46825.219 | 30.724 | 31.841 | 23.816 | 1.022 | 14.724 |
| 9/18/2018 6:45 | 1068300 | 122.913 | 19.597 | 276.872 | 41977.645 | 46807.629 | 30.712 | 31.829 | 23.822 | 1.022 | 14.725 |
| 9/18/2018 7:00 | 1069200 | 122.933 | 19.597 | 276.919 | 41948.43 | 46775.313 | 30.688 | 31.807 | 23.839 | 1.022 | 14.722 |
| 9/18/2018 7:15 | 1070100 | 122.925 | 19.598 | 276.901 | 41944.395 | 46770.203 | 30.684 | 31.804 | 23.841 | 1.022 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 122.925 | 19.593 | 276.901 | 41901.563 | 46727.734 | 30.653 | 31.775 | 23.865 | 1.022 | 14.725 |
| 9/18/2018 7:45 | 1071900 | 122.939 | 19.592 | 276.933 | 41949.496 | 46781.883 | 30.693 | 31.812 | 23.838 | 1.022 | 14.723 |
| 9/18/2018 8:00 | 1072800 | 122.98 | 19.6 | 277.024 | 41958.836 | 46795.511 | 30.697 | 31.815 | 23.827 | 1.022 | 14.721 |
| 9/18/2018 8:15 | 1073700 | 122.982 | 19.613 | 277.03 | 41981.691 | 46796.68 | 30.704 | 31.822 | 23.82 | 1.022 | 14.726 |
| 9/18/2018 8:30 | 1074600 | 122.98 | 19.609 | 277.024 | 41960.488 | 46776.605 | 30.69 | 31.808 | 23.832 | 1.022 | 14.724 |
| 9/18/2018 8:45 | 1075500 | 122.981 | 19.613 | 277.026 | 41922.828 | 46730.727 | 30.656 | 31.777 | 23.853 | 1.022 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 122.979 | 19.612 | 277.023 | 42015.836 | 46835.695 | 30.733 | 31.848 | 23.801 | 1.022 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 122.977 | 19.612 | 277.018 | 41980.23 | 46795.754 | 30.704 | 31.821 | 23.821 | 1.022 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 122.969 | 19.608 | 277.027 | 42002.777 | 46864.076 | 30.747 | 31.861 | 23.793 | 1.022 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 122.935 | 19.604 | 276.922 | 41978.422 | 46802.41 | 30.708 | 31.826 | 23.822 | 1.022 | 14.731 |
| 9/18/2018 10:00 | 1080000 | 122.932 | 19.605 | 276.917 | 41974.594 | 46796.328 | 30.704 | 31.822 | 23.824 | 1.022 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 122.929 | 19.591 | 276.909 | 41971.008 | 46806.305 | 30.71 | 31.828 | 23.826 | 1.022 | 14.73 |
| 9/18/2018 10:30 | 1081800 | 122.949 | 19.588 | 276.955 | 41965.719 | 46803.789 | 30.708 | 31.827 | 23.829 | 1.022 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 122.941 | 19.587 | 276.937 | 41965.352 | 46804.34 | 30.709 | 31.827 | 23.829 | 1.022 | 14.726 |
| 9/18/2018 11:00 | 1083600 | 122.934 | 19.59 | 276.924 | 41985.08 | 46825.219 | 30.724 | 31.847 | 23.806 | 1.022 | 14.727 |
| 9/18/2018 11:15 | 1084500 | 122.923 | 19.591 | 276.896 | 41961.719 | 46796.027 | 30.703 | 31.821 | 23.831 | 1.022 | 14.728 |
| 9/18/2018 11:30 | 1085400 | 122.915 | 19.598 | 276.879 | 41977.5 | 46807.199 | 30.711 | 31.829 | 23.822 | 1.022 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 122.902 | 19.599 | 276.85 | 41932.023 | 46755.449 | 30.674 | 31.794 | 23.848 | 1.022 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 122.897 | 19.607 | 276.837 | 41997.211 | 46820.324 | 30.721 | 31.838 | 23.811 | 1.022 | 14.727 |
| 9/18/2018 12:15 | 1088100 | 122.901 | 19.594 | 276.846 | 41962.676 | 46794.418 | 30.702 | 31.82 | 23.831 | 1.022 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 122.862 | 19.594 | 276.758 | 41967.766 | 46800.172 | 30.706 | 31.824 | 23.828 | 1.022 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 122.891 | 19.591 | 276.824 | 41945.059 | 46777.449 | 30.689 | 31.809 | 23.841 | 1.022 | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/19/2018 21:30 | 1207800 | 122.989 | 19.61 | 277.046 | 41958.484 | 46774.203 | 30.688 | 31.806 | 33.833 | 1.022 | 14.646 |
| 9/19/2018 21:45 | 1208700 | 122.967 | 19.61 | 276.996 | 41978.66 | 46796.352 | 30.704 | 31.822 | 33.822 | 1.022 | 14.649 |
| 9/19/2018 22:00 | 1209600 | 122.936 | 19.608 | 276.926 | 41996.785 | 46818.023 | 30.72 | 31.836 | 33.811 | 1.022 | 14.649 |
| 9/19/2018 22:15 | 1210500 | 122.885 | 19.61 | 276.81 | 41944.066 | 46758.129 | 30.676 | 31.796 | 33.841 | 1.022 | 14.647 |
| 9/19/2018 22:30 | 1211400 | 122.851 | 19.612 | 276.734 | 41988.617 | 46805.879 | 30.711 | 31.828 | 33.816 | 1.022 | 14.649 |
| 9/19/2018 22:45 | 1212300 | 122.848 | 19.608 | 276.726 | 41965.438 | 46783.336 | 30.694 | 31.813 | 33.829 | 1.022 | 14.651 |
| 9/19/2018 23:00 | 1213200 | 122.819 | 19.609 | 276.697 | 41977.668 | 46825.086 | 30.725 | 31.841 | 33.811 | 1.022 | 14.646 |
| 9/19/2018 23:15 | 1214100 | 122.754 | 19.601 | 276.516 | 41967.711 | 46793.16 | 30.701 | 31.819 | 33.828 | 1.022 | 14.651 |
| 9/19/2018 23:30 | 1215000 | 122.723 | 19.6 | 276.445 | 41983.367 | 46811.043 | 30.714 | 31.832 | 33.819 | 1.022 | 14.646 |
| 9/19/2018 23:45 | 1215900 | 122.689 | 19.595 | 276.369 | 41978.07 | 46810.703 | 30.714 | 31.831 | 33.822 | 1.022 | 14.648 |
| 9/20/2018 0:00 | 1216800 | 122.646 | 19.593 | 276.273 | 41966.039 | 46799.637 | 30.706 | 31.824 | 33.829 | 1.022 | 14.649 |
| 9/20/2018 0:15 | 1217700 | 122.617 | 19.597 | 276.206 | 41942.5 | 46768.609 | 30.683 | 31.803 | 33.842 | 1.022 | 14.644 |
| 9/20/2018 0:30 | 1218600 | 122.614 | 19.601 | 276.2 | 41937.41 | 46758.773 | 30.687 | 31.796 | 33.845 | 1.022 | 14.642 |
| 9/20/2018 0:45 | 1219500 | 122.552 | 19.605 | 276.061 | 41960.117 | 46780.961 | 30.693 | 31.811 | 33.832 | 1.022 | 14.644 |
| 9/20/2018 1:00 | 1220400 | 122.521 | 19.607 | 275.991 | 42019.305 | 46844.957 | 30.739 | 31.855 | 33.799 | 1.022 | 14.642 |
| 9/20/2018 1:15 | 1221300 | 122.523 | 19.609 | 275.994 | 41972.598 | 46790.969 | 30.7 | 31.818 | 33.825 | 1.022 | 14.64 |
| 9/20/2018 1:30 | 1222200 | 122.496 | 19.615 | 275.934 | 41987.906 | 46801.277 | 30.708 | 31.825 | 33.816 | 1.022 | 14.637 |
| 9/20/2018 1:45 | 1223100 | 122.469 | 19.616 | 275.873 | 42004.387 | 46819.121 | 30.721 | 31.837 | 33.807 | 1.022 | 14.64 |
| 9/20/2018 2:00 | 1224000 | 122.413 | 19.602 | 275.733 | 41937.649 | 46758.781 | 30.699 | 31.796 | 33.845 | 1.022 | 14.644 |
| 9/20/2018 2:15 | 1224900 | 122.428 | 19.607 | 275.781 | 41956.918 | 46775.055 | 30.688 | 31.807 | 33.834 | 1.022 | 14.647 |
| 9/20/2018 2:30 | 1225800 | 122.416 | 19.603 | 275.755 | 41986.18 | 46811.32 | 30.715 | 31.832 | 33.817 | 1.022 | 14.645 |
| 9/20/2018 2:45 | 1226700 | 122.378 | 19.597 | 275.667 | 41953.629 | 46781.633 | 30.693 | 31.812 | 33.836 | 1.022 | 14.645 |
| 9/20/2018 3:00 | 1227600 | 122.411 | 19.6 | 275.743 | 41962.422 | 46788.488 | 30.698 | 31.816 | 33.831 | 1.022 | 14.634 |
| 9/20/2018 3:15 | 1228500 | 122.372 | 19.596 | 275.655 | 41969.02 | 46799.484 | 30.706 | 31.824 | 33.827 | 1.022 | 14.641 |
| 9/20/2018 3:30 | 1229400 | 122.401 | 19.598 | 275.72 | 41947.262 | 46771.316 | 30.687 | 31.806 | 33.839 | 1.022 | 14.645 |
| 9/20/2018 3:45 | 1230300 | 122.412 | 19.602 | 275.745 | 41936.605 | 46757.621 | 30.675 | 31.795 | 33.846 | 1.022 | 14.64 |
| 9/20/2018 4:00 | 1231200 | 122.418 | 19.603 | 275.758 | 41977.953 | 46802.246 | 30.708 | 31.826 | 33.822 | 1.022 | 14.638 |
| 9/20/2018 4:15 | 1232100 | 122.437 | 19.596 | 275.801 | 41983.594 | 46815.828 | 30.718 | 31.835 | 33.819 | 1.022 | 14.635 |
| 9/20/2018 4:30 | 1233000 | 122.414 | 19.597 | 275.75 | 41959.199 | 46787.063 | 30.697 | 31.815 | 33.833 | 1.022 | 14.641 |
| 9/20/2018 4:45 | 1233900 | 122.432 | 19.607 | 275.729 | 41960.977 | 46780.012 | 30.692 | 31.81 | 33.832 | 1.022 | 14.64 |
| 9/20/2018 5:00 | 1234800 | 122.457 | 19.595 | 275.846 | 41955.551 | 46785.097 | 30.695 | 31.814 | 33.835 | 1.022 | 14.638 |
| 9/20/2018 5:15 | 1235700 | 122.512 | 19.607 | 275.97 | 41966.027 | 46784.953 | 30.696 | 31.814 | 33.829 | 1.022 | 14.638 |
| 9/20/2018 5:30 | 1236600 | 122.507 | 19.608 | 275.958 | 41958.027 | 46775.602 | 30.689 | 31.807 | 33.833 | 1.022 | 14.64 |
| 9/20/2018 5:45 | 1237500 | 122.558 | 19.602 | 276.075 | 41981.582 | 46807.766 | 30.712 | 31.829 | 33.82 | 1.022 | 14.646 |
| 9/20/2018 6:00 | 1238400 | 122.564 | 19.593 | 276.087 | 41979.035 | 46814.129 | 30.716 | 31.834 | 33.821 | 1.022 | 14.643 |
| 9/20/2018 6:15 | 1239300 | 122.592 | 19.592 | 276.151 | 41968.363 | 46802.492 | 30.708 | 31.826 | 33.827 | 1.022 | 14.65 |
| 9/20/2018 6:30 | 1240200 | 122.567 | 19.594 | 276.297 | 41944.789 | 46770.448 | 30.684 | 31.804 | 33.841 | 1.022 | 14.642 |
| 9/20/2018 6:45 | 1241100 | 122.655 | 19.595 | 276.405 | 41925.625 | 46766.699 | 30.726 | 31.842 | 33.814 | 1.022 | 14.64 |
| 9/20/2018 7:00 | 1242000 | 122.705 | 19.599 | 276.405 | 41961.348 | 46787.633 | 30.697 | 31.816 | 33.831 | 1.022 | 14.653 |
| 9/20/2018 7:15 | 1242900 | 122.705 | 19.607 | 276.404 | 41975.777 | 46795.906 | 30.704 | 31.821 | 33.823 | 1.022 | 14.652 |
| 9/20/2018 7:30 | 1243800 | 122.758 | 19.616 | 276.525 | 42003.746 | 46818.574 | 30.721 | 31.837 | 33.807 | 1.022 | 14.655 |
| 9/20/2018 7:45 | 1244700 | 122.777 | 19.605 | 276.566 | 42045.426 | 46875.555 | 30.762 | 31.875 | 33.784 | 1.022 | 14.661 |
| 9/20/2018 8:00 | 1245600 | 122.806 | 19.598 | 276.632 | 41996.888 | 46827.996 | 30.727 | 31.843 | 33.811 | 1.022 | 14.661 |
| 9/20/2018 8:15 | 1246500 | 122.824 | 19.596 | 276.674 | 42005.378 | 46831.453 | 30.722 | 31.859 | 33.806 | 1.022 | 14.663 |
| 9/20/2018 8:30 | 1247400 | 122.838 | 19.6 | 276.706 | 41939.84 | 46762.781 | 30.679 | 31.799 | 33.844 | 1.022 | 14.662 |
| 9/20/2018 8:45 | 1248300 | 122.852 | 19.595 | 276.737 | 41939.621 | 46767.746 | 30.682 | 31.802 | 33.844 | 1.022 | 14.666 |
| 9/20/2018 9:00 | 1249200 | 122.871 | 19.587 | 276.779 | 41939.34 | 46774.895 | 30.687 | 31.807 | 33.844 | 1.022 | 14.665 |
| 9/20/2018 9:15 | 1250100 | 122.846 | 19.587 | 276.722 | 41968 | 46807.469 | 30.711 | 31.829 | 33.828 | 1.022 | 14.664 |
| 9/20/2018 9:30 | 1251000 | 122.886 | 19.593 | 276.812 | 41939.773 | 46769.566 | 30.684 | 31.803 | 33.844 | 1.022 | 14.666 |
| 9/20/2018 9:45 | 1251900 | 122.863 | 19.587 | 276.76 | 41979.236 | 46820.943 | 30.72 | 31.838 | 33.821 | 1.022 | 14.66 |
| 9/20/2018 10:00 | 1252800 | 122.884 | 19.593 | 276.808 | 41950.789 | 46782.023 | 30.693 | 31.812 | 33.837 | 1.022 | 14.657 |
| 9/20/2018 10:15 | 1253700 | 122.859 | 19.587 | 276.751 | 41981.91 | 46822.98 | 30.722 | 31.84 | 33.82 | 1.022 | 14.668 |
| 9/20/2018 10:30 | 1254600 | 122.853 | 19.587 | 276.739 | 41945.793 | 46782.27 | 30.693 | 31.812 | 33.84 | 1.022 | 14.668 |
| 9/20/2018 10:45 | 1255500 | 122.841 | 19.597 | 276.711 | 41925.652 | 46750.344 | 30.67 | 31.79 | 33.852 | 1.022 | 14.671 |
| 9/20/2018 11:00 | 1256400 | 122.863 | 19.602 | 276.762 | 41939.922 | 46761.227 | 30.678 | 31.798 | 33.844 | 1.022 | 14.669 |
| 9/20/2018 11:15 | 1257300 | 122.85 | 19.604 | 276.733 | 41968.082 | 46790.801 | 30.7 | 31.816 | 33.828 | 1.022 | 14.671 |
| 9/20/2018 11:30 | 1258200 | 122.851 | 19.596 | 276.733 | 41968.66 | 46799.176 | 30.705 | 31.823 | 33.827 | 1.022 | 14.662 |
| 9/20/2018 11:45 | 1259100 | 122.835 | 19.597 | 276.699 | 41966.773 | 46795.59 | 30.703 | 31.821 | 33.828 | 1.022 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 122.784 | 19.594 | 276.584 | 41992.547 | 46827.547 | 30.726 | 31.843 | 33.814 | 1.022 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 122.802 | 19.602 | 276.623 | 41957.813 | 46811.266 | 30.693 | 31.811 | 33.833 | 1.022 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 122.782 | 19.613 | 276.578 | 42072.339 | 46898.215 | 30.779 | 31.891 | 33.768 | 1.022 | 14.669 |
| 9/20/2018 12:45 | 1262700 | 122.738 | 19.604 | 276.478 | 41987.622 | 46811.13 | 30.722 | 31.837 | 33.812 | 1.022 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 122.722 | 19.589 | 276.442 | 42035.57 | 46880.477 | 30.765 | 31.879 | 33.789 | 1.022 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 122.706 | 19.6 | 276.408 | 41994.789 | 46824.051 | 30.724 | 31.84 | 33.812 | 1.022 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 122.731 | 19.586 | 276.463 | 41978.727 | 46820.641 | 30.721 | 31.838 | 33.822 | 1.022 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 122.694 | 19.591 | 276.38 | 41942.438 | 46775.23 | 30.688 | 31.807 | 33.842 | 1.022 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 122.713 | 19.59 | 276.423 | 41957.027 | 46792.363 | 30.7 | 31.819 | 33.834 | 1.022 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 122.735 | 19.603 | 276.481 | 41951.863 | 46797.297 | 30.696 | 31.815 | 33.837 | 1.022 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 122.702 | 19.596 | 276.397 | 41939.469 | 46766.188 | 30.681 | 31.801 | 33.844 | 1.022 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 122.694 | 19.607 | 276.38 | 41973.855 | 46793.938 | 30.702 | 31.82 | 33.824 | 1.022 | 14.664 |
| 9/20/2018 15:00 | 1270800 | 122.701 | 19.61 | 276.397 | 41956.32 | 46771.789 | 30.686 | 31.805 | 33.834 | 1.022 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 122.673 | 19.612 | 276.333 | 41935.027 | 46745.613 | 30.667 | 31.787 | 33.846 | 1.022 | 14.653 |
| 9/20/2018 15:30 | 1272600 | 122.678 | 19.611 | 276.345 | 41955.52 | 46769.324 | 30.684 | 31.803 | 33.835 | 1.022 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 122.721 | 19.614 | 276.421 | 41963.75 | 46776.664 | 30.697 | 31.812 | 33.83 | 1.022 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 122.724 | 19.614 | 276.449 | 41982.406 | 46796.789 | 30.705 | 31.822 | 33.82 | 1.022 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 122.741 | 19.607 | 276.486 | 41974.695 | 46794.875 | 30.703 | 31.821 | 33.824 | 1.022 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 122.73 | 19.605 | 276.46 | 41962.988 | 46783.816 | 30.695 | 31.813 | 33.831 | 1.022 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 122.771 | 19.61 | 276.555 | 41996.914 | 46816.699 | 30.719 | 31.835 | 33.811 | 1.022 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 122.787 | 19.609 | 276.59 | 41926.516 | 46739.074 | 30.662 | 31.783 | 33.851 | 1.022 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 122.783 | 19.595 | 276.582 | 41968.277 | 46799.424 | 30.706 | 31.824 | 33.828 | 1.022 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 122.835 | 19.598 | 276.608 | 41990.213 | 46821.582 | 30.722 | 31.839 | 33.815 | 1.022 | 14.6 |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/22/2018 2:15 | 1397700 | 122.483 | 19.591 | 275.905 | 41955.836 | 46789.91 | 30.698 | 31.817 | 23.835 | 1.022 | 14.729 |
| 9/22/2018 2:30 | 1398600 | 122.455 | 19.595 | 275.842 | 41968.555 | 46799.926 | 30.706 | 31.824 | 23.827 | 1.022 | 14.722 |
| 9/22/2018 2:45 | 1399500 | 122.424 | 19.594 | 275.772 | 41951.539 | 46782.418 | 30.693 | 31.812 | 23.837 | 1.022 | 14.726 |
| 9/22/2018 3:00 | 1400400 | 122.408 | 19.595 | 275.736 | 41988.055 | 46822.195 | 30.722 | 31.839 | 23.816 | 1.022 | 14.717 |
| 9/22/2018 3:15 | 1401300 | 122.384 | 19.593 | 275.682 | 41940.461 | 46771.023 | 30.685 | 31.804 | 23.843 | 1.022 | 14.723 |
| 9/22/2018 3:30 | 1402200 | 122.37 | 19.588 | 275.651 | 42043.5 | 46800.539 | 30.772 | 31.886 | 23.785 | 1.022 | 14.713 |
| 9/22/2018 3:45 | 1403100 | 122.359 | 19.59 | 275.609 | 41886.563 | 46814.033 | 30.724 | 31.847 | 23.817 | 1.022 | 14.719 |
| 9/22/2018 4:00 | 1404000 | 122.38 | 19.596 | 275.674 | 42031.859 | 46869.91 | 30.757 | 31.872 | 23.791 | 1.022 | 14.715 |
| 9/22/2018 4:15 | 1404900 | 122.342 | 19.588 | 275.587 | 41965.195 | 46803.551 | 30.708 | 31.826 | 23.829 | 1.022 | 14.719 |
| 9/22/2018 4:30 | 1405800 | 122.388 | 19.589 | 275.69 | 41964.359 | 46801.41 | 30.707 | 31.825 | 23.83 | 1.022 | 14.708 |
| 9/22/2018 4:45 | 1406700 | 122.338 | 19.59 | 275.578 | 41928.527 | 46760.414 | 30.677 | 31.797 | 23.85 | 1.022 | 14.723 |
| 9/22/2018 5:00 | 1407600 | 122.383 | 19.595 | 275.679 | 41970.453 | 46802.043 | 30.708 | 31.825 | 23.826 | 1.022 | 14.718 |
| 9/22/2018 5:15 | 1408500 | 122.391 | 19.592 | 275.697 | 41978.363 | 46814.074 | 30.715 | 31.834 | 23.822 | 1.022 | 14.721 |
| 9/22/2018 5:30 | 1409400 | 122.384 | 19.593 | 275.683 | 41957.461 | 46789.465 | 30.698 | 31.817 | 23.824 | 1.022 | 14.716 |
| 9/22/2018 5:45 | 1410300 | 122.404 | 19.597 | 275.727 | 41968.27 | 46798.133 | 30.705 | 31.823 | 23.828 | 1.022 | 14.715 |
| 9/22/2018 6:00 | 1411200 | 122.458 | 19.598 | 275.848 | 41955.391 | 46781.945 | 30.693 | 31.812 | 23.835 | 1.022 | 14.715 |
| 9/22/2018 6:15 | 1412100 | 122.479 | 19.611 | 275.896 | 41968.453 | 46783.66 | 30.695 | 31.813 | 23.827 | 1.022 | 14.717 |
| 9/22/2018 6:30 | 1413000 | 122.505 | 19.613 | 275.954 | 41997.605 | 46813.98 | 30.717 | 31.834 | 23.811 | 1.022 | 14.72 |
| 9/22/2018 6:45 | 1413900 | 122.533 | 19.616 | 276.012 | 41983.215 | 46798.645 | 30.706 | 31.823 | 23.819 | 1.022 | 14.721 |
| 9/22/2018 7:00 | 1414800 | 122.566 | 19.613 | 276.092 | 41979.066 | 46793.934 | 30.702 | 31.82 | 23.821 | 1.022 | 14.72 |
| 9/22/2018 7:15 | 1415700 | 122.596 | 19.61 | 276.161 | 41972.543 | 46789.785 | 30.699 | 31.817 | 23.825 | 1.022 | 14.717 |
| 9/22/2018 7:30 | 1416600 | 122.594 | 19.608 | 276.155 | 41963.25 | 46780.723 | 30.693 | 31.811 | 23.83 | 1.022 | 14.726 |
| 9/22/2018 7:45 | 1417500 | 122.641 | 19.604 | 276.26 | 41959.426 | 46781.324 | 30.693 | 31.811 | 23.833 | 1.022 | 14.72 |
| 9/22/2018 8:00 | 1418400 | 122.669 | 19.604 | 276.324 | 41966.344 | 46788.58 | 30.698 | 31.816 | 23.829 | 1.022 | 14.721 |
| 9/22/2018 8:15 | 1419300 | 122.721 | 19.61 | 276.442 | 41977.381 | 46795.273 | 30.703 | 31.821 | 23.822 | 1.022 | 14.733 |
| 9/22/2018 8:30 | 1420200 | 122.768 | 19.6 | 276.547 | 41950.734 | 46775.090 | 30.688 | 31.807 | 23.837 | 1.022 | 14.722 |
| 9/22/2018 8:45 | 1421100 | 122.793 | 19.599 | 276.604 | 41956.621 | 46782.879 | 30.694 | 31.812 | 23.834 | 1.022 | 14.725 |
| 9/22/2018 9:00 | 1422000 | 122.815 | 19.61 | 276.652 | 41984.723 | 46802.926 | 30.709 | 31.826 | 23.818 | 1.022 | 14.726 |
| 9/22/2018 9:15 | 1422900 | 122.838 | 19.613 | 276.705 | 41992.59 | 46809.008 | 30.713 | 31.83 | 23.814 | 1.022 | 14.728 |
| 9/22/2018 9:30 | 1423800 | 122.829 | 19.6 | 276.685 | 41984.258 | 46812.137 | 30.715 | 31.832 | 23.818 | 1.022 | 14.732 |
| 9/22/2018 9:45 | 1424700 | 122.843 | 19.598 | 276.715 | 41962.922 | 46794.344 | 30.699 | 31.817 | 23.831 | 1.022 | 14.73 |
| 9/22/2018 10:00 | 1425600 | 122.886 | 19.603 | 276.813 | 41933.098 | 46752.578 | 30.672 | 31.792 | 23.848 | 1.022 | 14.735 |
| 9/22/2018 10:15 | 1426500 | 122.897 | 19.603 | 276.838 | 41956.621 | 46779.148 | 30.691 | 31.81 | 23.834 | 1.022 | 14.736 |
| 9/22/2018 10:30 | 1427400 | 122.909 | 19.61 | 276.864 | 41988.68 | 46807.773 | 30.712 | 31.829 | 23.816 | 1.022 | 14.732 |
| 9/22/2018 10:45 | 1428300 | 122.872 | 19.609 | 276.78 | 41993.891 | 46813.84 | 30.717 | 31.833 | 23.813 | 1.022 | 14.737 |
| 9/22/2018 11:00 | 1429200 | 122.916 | 19.606 | 276.88 | 42017.84 | 46843.84 | 30.739 | 31.854 | 23.799 | 1.022 | 14.732 |
| 9/22/2018 11:15 | 1430100 | 122.978 | 19.61 | 276.978 | 41982.262 | 46817.547 | 30.719 | 31.836 | 23.82 | 1.022 | 14.733 |
| 9/22/2018 11:30 | 1431000 | 122.9 | 19.597 | 276.845 | 42043.953 | 46822.008 | 30.766 | 31.88 | 23.785 | 1.022 | 14.731 |
| 9/22/2018 11:45 | 1431900 | 122.86 | 19.599 | 276.754 | 41980.566 | 46809.672 | 30.713 | 31.831 | 23.821 | 1.022 | 14.733 |
| 9/22/2018 12:00 | 1432800 | 122.856 | 19.589 | 276.745 | 41944.73 | 46779.691 | 30.691 | 31.81 | 23.841 | 1.022 | 14.732 |
| 9/22/2018 12:15 | 1433700 | 122.859 | 19.599 | 276.753 | 41959.527 | 46786.211 | 30.696 | 31.815 | 23.832 | 1.022 | 14.731 |
| 9/22/2018 12:30 | 1434600 | 122.814 | 19.608 | 276.651 | 41989.938 | 46811.176 | 30.715 | 31.832 | 23.815 | 1.022 | 14.734 |
| 9/22/2018 12:45 | 1435500 | 122.796 | 19.607 | 276.61 | 41985.207 | 46806.796 | 30.712 | 31.829 | 23.818 | 1.022 | 14.733 |
| 9/22/2018 13:00 | 1436400 | 122.813 | 19.611 | 276.648 | 41961.611 | 46814.879 | 30.712 | 31.825 | 23.806 | 1.022 | 14.736 |
| 9/22/2018 13:15 | 1437300 | 122.815 | 19.613 | 276.655 | 41953.02 | 46764.547 | 30.681 | 31.8 | 23.836 | 1.022 | 14.73 |
| 9/22/2018 13:30 | 1438200 | 122.773 | 19.593 | 276.558 | 41955.906 | 46787.988 | 30.697 | 31.816 | 23.835 | 1.022 | 14.726 |
| 9/22/2018 13:45 | 1439100 | 122.751 | 19.605 | 276.51 | 41994.766 | 46819.16 | 30.721 | 31.837 | 23.812 | 1.022 | 14.721 |
| 9/22/2018 14:00 | 1440000 | 122.73 | 19.616 | 276.462 | 41999.836 | 46814.215 | 30.717 | 31.834 | 23.81 | 1.022 | 14.721 |
| 9/22/2018 14:15 | 1440900 | 122.682 | 19.614 | 276.354 | 42003.367 | 46819.367 | 30.721 | 31.837 | 23.808 | 1.022 | 14.717 |
| 9/22/2018 14:30 | 1441800 | 122.696 | 19.609 | 276.384 | 41982.236 | 46801.051 | 30.707 | 31.825 | 23.82 | 1.022 | 14.716 |
| 9/22/2018 14:45 | 1442700 | 122.679 | 19.6 | 276.347 | 41956.227 | 46781.148 | 30.692 | 31.811 | 23.834 | 1.022 | 14.715 |
| 9/22/2018 15:00 | 1443600 | 122.638 | 19.59 | 276.253 | 41948.969 | 46783.379 | 30.694 | 31.813 | 23.838 | 1.022 | 14.714 |
| 9/22/2018 15:15 | 1444500 | 122.625 | 19.599 | 276.226 | 41997.691 | 46828.93 | 30.727 | 31.844 | 23.811 | 1.022 | 14.713 |
| 9/22/2018 15:30 | 1445400 | 122.617 | 19.599 | 276.206 | 41944.855 | 46769.332 | 30.684 | 31.803 | 23.841 | 1.022 | 14.712 |
| 9/22/2018 15:45 | 1446300 | 122.635 | 19.607 | 276.248 | 41945.219 | 46761.754 | 30.679 | 31.798 | 23.841 | 1.022 | 14.711 |
| 9/22/2018 16:00 | 1447200 | 122.659 | 19.614 | 276.309 | 42019.258 | 46837.34 | 30.734 | 31.849 | 23.799 | 1.022 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 122.603 | 19.614 | 276.175 | 41998.516 | 46814.219 | 30.717 | 31.834 | 23.81 | 1.022 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 122.604 | 19.61 | 276.177 | 42057.605 | 46884.09 | 30.768 | 31.881 | 23.777 | 1.022 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 122.609 | 19.599 | 276.189 | 42003.262 | 46834.191 | 30.731 | 31.847 | 23.808 | 1.022 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 122.627 | 19.595 | 276.23 | 41994.594 | 46829.129 | 30.727 | 31.844 | 23.813 | 1.022 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 122.667 | 19.605 | 276.32 | 41998.832 | 46823.523 | 30.724 | 31.84 | 23.81 | 1.022 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 122.68 | 19.609 | 276.349 | 41982.262 | 46812.648 | 30.691 | 31.821 | 23.831 | 1.022 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 122.672 | 19.61 | 276.332 | 41996.773 | 46816.098 | 30.719 | 31.835 | 23.811 | 1.022 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 122.696 | 19.595 | 276.385 | 41972.102 | 46804.133 | 30.709 | 31.827 | 23.825 | 1.022 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 122.753 | 19.605 | 276.512 | 41973.012 | 46795.172 | 30.703 | 31.821 | 23.825 | 1.022 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 122.774 | 19.597 | 276.56 | 42005.836 | 46839.23 | 30.735 | 31.851 | 23.806 | 1.022 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 122.802 | 19.604 | 276.623 | 42007.531 | 46834.781 | 30.732 | 31.848 | 23.805 | 1.022 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 122.809 | 19.614 | 276.678 | 41960.203 | 46794.863 | 30.703 | 31.824 | 23.822 | 1.022 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 122.826 | 19.594 | 276.678 | 41972.184 | 46804.926 | 30.721 | 31.827 | 23.825 | 1.022 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 122.877 | 19.605 | 276.792 | 41972.496 | 46794.504 | 30.702 | 31.82 | 23.825 | 1.022 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 122.915 | 19.617 | 276.879 | 42007.785 | 46821.602 | 30.723 | 31.839 | 23.805 | 1.022 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 122.908 | 19.61 | 276.861 | 41970.824 | 46787.168 | 30.697 | 31.815 | 23.826 | 1.022 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 122.961 | 19.618 | 276.981 | 41981.09 | 46791.164 | 30.701 | 31.818 | 23.82 | 1.022 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 122.983 | 19.61 | 277.043 | 41991.52 | 46810.504 | 30.714 | 31.831 | 23.814 | 1.022 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 122.998 | 19.611 | 277.065 | 41964.344 | 46779.523 | 30.692 | 31.81 | 23.83 | 1.022 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 123.028 | 19.612 | 277.132 | 41965.34 | 46779.84 | 30.692 | 31.81 | 23.829 | 1.022 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 123.043 | 19.608 | 277.165 | 41980.621 | 46800.695 | 30.707 | 31.824 | 23.821 | 1.022 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 123.053 | 19.607 | 277.189 | 41929.75 | 46744.418 | 30.666 | 31.786 | 23.849 | 1.022 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 123.062 | 19.609 | 277.209 | 41969.363 | 46787.199 | 30.697 | 31.815 | 23.827 | 1.022 | 14.697 |
| 9/22/2018 22:00 | 1468800 | 123.04 | 19.597 | 277.159 | 4201 | 46857.781 | 30.748 | 31.863 | 23.797 | 1.022 | 14.696 |
| 9/22/2018 22:15 | 1469700 | 123.067 | 19.602 | 277.222 | 41971.277 | 46795.844 | 30.703 | 31.821 | 23.826 | 1.022 | 14.694 |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/24/2018 7:00 | 1587600 | 122.592 | 19.611 | 276.15 | 41997.785 | 46816.188 | 30.719 | 31.835 | 23.811 | 1.022 | 14.665 |
| 9/24/2018 7:15 | 1588500 | 122.619 | 19.606 | 276.211 | 41973.352 | 46794.5 | 30.702 | 31.82 | 23.825 | 1.022 | 14.668 |
| 9/24/2018 7:30 | 1589400 | 122.645 | 19.606 | 276.27 | 41979.117 | 46800.754 | 30.707 | 31.825 | 23.821 | 1.022 | 14.668 |
| 9/24/2018 7:45 | 1590300 | 122.655 | 19.596 | 276.293 | 41962.211 | 46791.805 | 30.7 | 31.818 | 23.831 | 1.022 | 14.667 |
| 9/24/2018 8:00 | 1591200 | 122.714 | 19.603 | 276.425 | 41995.723 | 46822.301 | 30.723 | 31.839 | 23.812 | 1.022 | 14.675 |
| 9/24/2018 8:15 | 1592100 | 122.746 | 19.592 | 276.498 | 41930.73 | 46760.438 | 30.677 | 31.797 | 23.849 | 1.022 | 14.677 |
| 9/24/2018 8:30 | 1593000 | 122.786 | 19.587 | 276.587 | 41975.853 | 46810.448 | 30.713 | 31.833 | 23.823 | 1.022 | 14.671 |
| 9/24/2018 8:45 | 1593900 | 122.826 | 19.604 | 276.677 | 41964.133 | 46785.965 | 30.696 | 31.814 | 23.83 | 1.022 | 14.664 |
| 9/24/2018 9:00 | 1594800 | 122.845 | 19.607 | 276.721 | 41983.199 | 46804.527 | 30.71 | 31.827 | 23.819 | 1.022 | 14.676 |
| 9/24/2018 9:15 | 1595700 | 122.879 | 19.609 | 276.797 | 41972.922 | 46791.328 | 30.7 | 31.818 | 23.825 | 1.022 | 14.675 |
| 9/24/2018 9:30 | 1596600 | 122.886 | 19.591 | 276.813 | 41977.68 | 46813.828 | 30.716 | 31.833 | 23.822 | 1.022 | 14.675 |
| 9/24/2018 9:45 | 1597500 | 122.941 | 19.592 | 276.937 | 41924.766 | 46754.387 | 30.673 | 31.793 | 23.852 | 1.022 | 14.681 |
| 9/24/2018 10:00 | 1598400 | 122.921 | 19.601 | 276.921 | 42007.766 | 46817.566 | 30.741 | 31.867 | 23.805 | 1.022 | 14.682 |
| 9/24/2018 10:15 | 1599300 | 122.985 | 19.601 | 277.037 | 42018.531 | 46849.383 | 30.742 | 31.858 | 23.799 | 1.022 | 14.682 |
| 9/24/2018 10:30 | 1600200 | 123.005 | 19.608 | 277.081 | 42045.063 | 46872.188 | 30.759 | 31.873 | 23.784 | 1.022 | 14.681 |
| 9/24/2018 10:45 | 1601100 | 123.017 | 19.606 | 277.107 | 42020.785 | 46847.641 | 30.741 | 31.856 | 23.798 | 1.022 | 14.681 |
| 9/24/2018 11:00 | 1602000 | 123.024 | 19.607 | 277.123 | 41992.133 | 46814.23 | 30.712 | 31.834 | 23.814 | 1.022 | 14.689 |
| 9/24/2018 11:15 | 1602900 | 123.04 | 19.608 | 277.161 | 41974.672 | 46794.156 | 30.702 | 31.82 | 23.824 | 1.022 | 14.681 |
| 9/24/2018 11:30 | 1603800 | 123.054 | 19.594 | 277.192 | 41991.661 | 46826.594 | 30.725 | 31.842 | 23.814 | 1.022 | 14.675 |
| 9/24/2018 11:45 | 1604700 | 123.021 | 19.587 | 277.116 | 41959.48 | 46797.887 | 30.704 | 31.823 | 23.833 | 1.022 | 14.68 |
| 9/24/2018 12:00 | 1605600 | 123.01 | 19.59 | 277.092 | 41954.918 | 46790.098 | 30.699 | 31.817 | 23.835 | 1.022 | 14.68 |
| 9/24/2018 12:15 | 1606500 | 122.997 | 19.593 | 277.063 | 41970.664 | 46804.613 | 30.709 | 31.827 | 23.826 | 1.022 | 14.682 |
| 9/24/2018 12:30 | 1607400 | 123.01 | 19.608 | 277.092 | 41987.52 | 46807.953 | 30.712 | 31.829 | 23.817 | 1.022 | 14.684 |
| 9/24/2018 12:45 | 1608300 | 122.971 | 19.592 | 277.005 | 41931.871 | 46762.059 | 30.678 | 31.798 | 23.848 | 1.022 | 14.683 |
| 9/24/2018 13:00 | 1609200 | 122.957 | 19.592 | 276.979 | 41951.285 | 46813.29 | 30.694 | 31.813 | 23.837 | 1.022 | 14.677 |
| 9/24/2018 13:15 | 1610100 | 122.968 | 19.601 | 276.997 | 41994.004 | 46821.695 | 30.722 | 31.839 | 23.813 | 1.022 | 14.671 |
| 9/24/2018 13:30 | 1611000 | 122.943 | 19.605 | 276.941 | 41971.93 | 46793.531 | 30.702 | 31.82 | 23.825 | 1.022 | 14.677 |
| 9/24/2018 13:45 | 1611900 | 122.907 | 19.61 | 276.859 | 41968.418 | 46785.352 | 30.696 | 31.814 | 23.827 | 1.022 | 14.68 |
| 9/24/2018 14:00 | 1612800 | 122.892 | 19.607 | 276.826 | 41935.348 | 46751.438 | 30.671 | 31.791 | 23.846 | 1.022 | 14.672 |
| 9/24/2018 14:15 | 1613700 | 122.827 | 19.607 | 276.679 | 41996.063 | 46818.777 | 30.72 | 31.837 | 23.812 | 1.022 | 14.676 |
| 9/24/2018 14:30 | 1614600 | 122.829 | 19.613 | 276.689 | 42031.816 | 46854.055 | 30.746 | 31.861 | 23.792 | 1.022 | 14.675 |
| 9/24/2018 14:45 | 1615500 | 122.808 | 19.615 | 276.637 | 42031.949 | 46850.527 | 30.744 | 31.858 | 23.791 | 1.022 | 14.668 |
| 9/24/2018 15:00 | 1616400 | 122.771 | 19.61 | 276.553 | 41992.313 | 46811.645 | 30.715 | 31.832 | 23.814 | 1.022 | 14.673 |
| 9/24/2018 15:15 | 1617300 | 122.753 | 19.608 | 276.513 | 41967.984 | 46786.523 | 30.697 | 31.815 | 23.828 | 1.022 | 14.669 |
| 9/24/2018 15:30 | 1618200 | 122.733 | 19.609 | 276.468 | 41979.535 | 46798.18 | 30.705 | 31.823 | 23.821 | 1.022 | 14.665 |
| 9/24/2018 15:45 | 1619100 | 122.677 | 19.609 | 276.341 | 41941.633 | 46755.926 | 30.674 | 31.794 | 23.843 | 1.022 | 14.67 |
| 9/24/2018 16:00 | 1620000 | 122.648 | 19.607 | 276.348 | 41996.387 | 46818.883 | 30.72 | 31.837 | 23.827 | 1.022 | 14.674 |
| 9/24/2018 16:15 | 1620900 | 122.644 | 19.594 | 276.267 | 41980.109 | 46813.41 | 30.716 | 31.833 | 23.821 | 1.022 | 14.669 |
| 9/24/2018 16:30 | 1621800 | 122.628 | 19.594 | 276.232 | 41958.121 | 46789.758 | 30.698 | 31.817 | 23.833 | 1.022 | 14.673 |
| 9/24/2018 16:45 | 1622700 | 122.647 | 19.592 | 276.273 | 41948.512 | 46780.699 | 30.692 | 31.811 | 23.839 | 1.022 | 14.668 |
| 9/24/2018 17:00 | 1623600 | 122.646 | 19.594 | 276.271 | 41949.223 | 46779.578 | 30.691 | 31.81 | 23.838 | 1.022 | 14.665 |
| 9/24/2018 17:15 | 1624500 | 122.641 | 19.59 | 276.261 | 41977.953 | 46815.008 | 30.717 | 31.834 | 23.822 | 1.022 | 14.662 |
| 9/24/2018 17:30 | 1625400 | 122.638 | 19.598 | 276.255 | 41954.066 | 46780.547 | 30.692 | 31.811 | 23.836 | 1.022 | 14.668 |
| 9/24/2018 17:45 | 1626300 | 122.637 | 19.608 | 276.237 | 41966.914 | 46806.696 | 30.714 | 31.84 | 23.828 | 1.022 | 14.671 |
| 9/24/2018 18:00 | 1627200 | 122.646 | 19.61 | 276.273 | 41990.668 | 46809.289 | 30.714 | 31.83 | 23.815 | 1.022 | 14.673 |
| 9/24/2018 18:15 | 1628100 | 122.657 | 19.61 | 276.297 | 42068.527 | 46896.699 | 30.777 | 31.89 | 23.771 | 1.022 | 14.667 |
| 9/24/2018 18:30 | 1629000 | 122.672 | 19.594 | 276.331 | 42012.109 | 46849.094 | 30.742 | 31.857 | 23.803 | 1.022 | 14.668 |
| 9/24/2018 18:45 | 1629900 | 122.691 | 19.606 | 276.373 | 42062.586 | 46893.984 | 30.775 | 31.888 | 23.774 | 1.022 | 14.665 |
| 9/24/2018 19:00 | 1630800 | 122.713 | 19.6 | 276.424 | 41981.941 | 46810.244 | 30.714 | 31.831 | 23.82 | 1.022 | 14.668 |
| 9/24/2018 19:15 | 1631700 | 122.747 | 19.602 | 276.5 | 41972.883 | 46797.637 | 30.705 | 31.822 | 23.825 | 1.022 | 14.663 |
| 9/24/2018 19:30 | 1632600 | 122.772 | 19.591 | 276.556 | 41976.035 | 46812.352 | 30.715 | 31.832 | 23.823 | 1.022 | 14.666 |
| 9/24/2018 19:45 | 1633500 | 122.8 | 19.589 | 276.62 | 41970.039 | 46807.824 | 30.711 | 31.829 | 23.827 | 1.022 | 14.668 |
| 9/24/2018 20:00 | 1634400 | 122.801 | 19.592 | 276.622 | 41997.918 | 46835.531 | 30.732 | 31.848 | 23.811 | 1.022 | 14.67 |
| 9/24/2018 20:15 | 1635300 | 122.867 | 19.589 | 276.769 | 41982.875 | 46821.707 | 30.722 | 31.839 | 23.819 | 1.022 | 14.671 |
| 9/24/2018 20:30 | 1636200 | 122.863 | 19.594 | 276.76 | 41946.242 | 46779.297 | 30.691 | 31.81 | 23.84 | 1.022 | 14.67 |
| 9/24/2018 20:45 | 1637100 | 122.888 | 19.592 | 276.817 | 41987.746 | 46824.521 | 30.724 | 31.841 | 23.816 | 1.022 | 14.681 |
| 9/24/2018 21:00 | 1638000 | 122.963 | 19.594 | 276.986 | 41947.895 | 46777.934 | 30.69 | 31.809 | 23.839 | 1.022 | 14.675 |
| 9/24/2018 21:15 | 1638900 | 122.955 | 19.589 | 276.967 | 41986.496 | 46825.922 | 30.725 | 31.842 | 23.817 | 1.022 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 122.988 | 19.586 | 277.043 | 41958.742 | 46797.586 | 30.704 | 31.822 | 23.833 | 1.022 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 123.015 | 19.585 | 277.103 | 41923.98 | 46760.023 | 30.676 | 31.797 | 23.853 | 1.022 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 123.036 | 19.591 | 277.151 | 41961.816 | 46766.664 | 30.703 | 31.822 | 23.831 | 1.022 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 123.049 | 19.592 | 277.182 | 41986.75 | 46813.29 | 30.719 | 31.836 | 23.817 | 1.022 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 123.086 | 19.611 | 277.263 | 41966.082 | 46781.281 | 30.693 | 31.811 | 23.829 | 1.022 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 123.102 | 19.611 | 277.3 | 41962.547 | 46777.684 | 30.69 | 31.809 | 23.831 | 1.022 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 123.109 | 19.611 | 277.315 | 41986.395 | 46803.832 | 30.71 | 31.827 | 23.817 | 1.022 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 123.113 | 19.608 | 277.325 | 41993.004 | 46813.809 | 30.717 | 31.833 | 23.813 | 1.022 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 123.12 | 19.605 | 277.34 | 41990.504 | 46814.324 | 30.717 | 31.834 | 23.815 | 1.022 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 123.122 | 19.607 | 277.339 | 41982.603 | 46808.039 | 30.712 | 31.83 | 23.819 | 1.022 | 14.691 |
| 9/25/2018 0:00 | 1648800 | 123.112 | 19.59 | 277.323 | 41940.68 | 46773.965 | 30.687 | 31.806 | 23.843 | 1.022 | 14.688 |
| 9/25/2018 0:15 | 1649700 | 123.064 | 19.602 | 277.213 | 41993.797 | 46820.863 | 30.722 | 31.838 | 23.813 | 1.022 | 14.689 |
| 9/25/2018 0:30 | 1650600 | 123.082 | 19.599 | 277.254 | 41968.781 | 46796.438 | 30.704 | 31.822 | 23.827 | 1.022 | 14.688 |
| 9/25/2018 0:45 | 1651500 | 123.03 | 19.595 | 277.138 | 42040.867 | 46881.09 | 30.765 | 31.879 | 23.786 | 1.022 | 14.686 |
| 9/25/2018 1:00 | 1652400 | 123.034 | 19.595 | 277.145 | 42009.176 | 46845.391 | 30.739 | 31.855 | 23.804 | 1.022 | 14.691 |
| 9/25/2018 1:15 | 1653300 | 123.084 | 19.591 | 277.033 | 41981.559 | 46801.567 | 30.715 | 31.864 | 23.8 | 1.022 | 14.688 |
| 9/25/2018 1:30 | 1654200 | 122.986 | 19.605 | 277.037 | 41958.785 | 46779.043 | 30.691 | 31.81 | 23.833 | 1.022 | 14.688 |
| 9/25/2018 1:45 | 1655100 | 122.955 | 19.596 | 276.968 | 41986.391 | 46818.594 | 30.72 | 31.837 | 23.817 | 1.022 | 14.689 |
| 9/25/2018 2:00 | 1656000 | 122.921 | 19.595 | 276.893 | 41983.508 | 46816.25 | 30.718 | 31.835 | 23.819 | 1.022 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 122.894 | 19.594 | 276.832 | 41960.941 | 46792.035 | 30.7 | 31.819 | 23.832 | 1.022 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 122.854 | 19.606 | 276.741 | 41984.176 | 46806.91 | 30.712 | 31.829 | 23.818 | 1.022 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 122.885 | 19.606 | 276.586 | 41981.578 | 46801.578 | 30.708 | 31.825 | 23.82 | 1.022 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 122.779 | 19.603 | 276.527 | 41980.588 | 46805.195 | 30.71 | 31.822 | 23.827 | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|----------|
| 9/26/2018 11:45 | 1777500 | 123.108 | 19.604 | 277.313 | 41973.449 | 46796.602 | 30.704 | 31.822 | 23.825 | 1.022 | 14.727 |
| 9/26/2018 12:00 | 1778400 | 123.115 | 19.613 | 277.328 | 42005.895 | 46823.926 | 30.724 | 31.84 | 23.806 | 1.022 | 14.727 |
| 9/26/2018 12:15 | 1779300 | 123.092 | 19.604 | 277.278 | 41981.844 | 46805.531 | 30.711 | 31.828 | 23.82 | 1.022 | 14.723 |
| 9/26/2018 12:30 | 1780200 | 123.122 | 19.601 | 277.345 | 41945.332 | 46768.391 | 30.683 | 31.803 | 23.841 | 1.022 | 14.729 |
| 9/26/2018 12:45 | 1781100 | 123.088 | 19.589 | 277.267 | 41994.898 | 46835.117 | 30.731 | 31.848 | 23.812 | 1.022 | 14.731 |
| 9/26/2018 13:00 | 1782000 | 123.082 | 19.588 | 277.253 | 41954.633 | 46791.609 | 30.7 | 31.818 | 23.835 | 1.022 | 14.731 |
| 9/26/2018 13:15 | 1782900 | 123.071 | 19.59 | 277.229 | 41970.689 | 46807.105 | 30.707 | 31.827 | 23.826 | 1.022 | 14.732 |
| 9/26/2018 13:30 | 1783800 | 123.052 | 19.592 | 277.186 | 41964.184 | 46797.91 | 30.704 | 31.823 | 23.83 | 1.022 | 14.73 |
| 9/26/2018 13:45 | 1784700 | 123.035 | 19.596 | 277.148 | 42014.871 | 46850.184 | 30.743 | 31.858 | 23.801 | 1.022 | 14.724 |
| 9/26/2018 14:00 | 1785600 | 123.003 | 19.6 | 277.076 | 41991.547 | 46820.262 | 30.721 | 31.838 | 23.814 | 1.022 | 14.73 |
| 9/26/2018 14:15 | 1786500 | 123.02 | 19.594 | 277.115 | 41999.637 | 46835.797 | 30.732 | 31.848 | 23.81 | 1.022 | 14.724 |
| 9/26/2018 14:30 | 1787400 | 122.993 | 19.594 | 277.054 | 41952.539 | 46783.367 | 30.694 | 31.813 | 23.836 | 1.022 | 14.724 |
| 9/26/2018 14:45 | 1788300 | 122.967 | 19.591 | 276.995 | 41968.309 | 46803.902 | 30.709 | 31.827 | 23.827 | 1.022 | 14.722 |
| 9/26/2018 15:00 | 1789200 | 122.937 | 19.592 | 276.928 | 41962.07 | 46795.387 | 30.703 | 31.821 | 23.831 | 1.022 | 14.719 |
| 9/26/2018 15:15 | 1790100 | 122.87 | 19.594 | 276.777 | 42087.754 | 46933.801 | 30.804 | 31.915 | 23.76 | 1.022 | 14.722 |
| 9/26/2018 15:30 | 1791000 | 122.871 | 19.594 | 276.78 | 42051.34 | 46892.844 | 30.774 | 31.887 | 23.78 | 1.022 | 14.716 |
| 9/26/2018 15:45 | 1791900 | 122.831 | 19.598 | 276.689 | 42080.762 | 46921.816 | 30.795 | 31.907 | 23.764 | 1.022 | 14.724 |
| 9/26/2018 16:00 | 1792800 | 122.805 | 19.59 | 276.631 | 42009.055 | 46849.695 | 30.742 | 31.858 | 23.804 | 1.022 | 14.723 |
| 9/26/2018 16:15 | 1793700 | 122.837 | 19.608 | 276.67 | 41995.307 | 46836.328 | 30.719 | 31.836 | 23.813 | 1.022 | 14.723 |
| 9/26/2018 16:30 | 1794600 | 122.712 | 19.59 | 276.421 | 42005.832 | 46846.352 | 30.74 | 31.856 | 23.806 | 1.022 | 14.721 |
| 9/26/2018 16:45 | 1795500 | 122.682 | 19.593 | 276.353 | 41963.07 | 46796.145 | 30.703 | 31.821 | 23.83 | 1.022 | 14.717 |
| 9/26/2018 17:00 | 1796400 | 122.687 | 19.595 | 276.365 | 41979.801 | 46812.023 | 30.715 | 31.832 | 23.821 | 1.022 | 14.72 |
| 9/26/2018 17:15 | 1797300 | 122.641 | 19.593 | 276.262 | 41953.836 | 46785.07 | 30.695 | 31.814 | 23.836 | 1.022 | 14.718 |
| 9/26/2018 17:30 | 1798200 | 122.608 | 19.596 | 276.185 | 41996.895 | 46830.305 | 30.728 | 31.845 | 23.811 | 1.022 | 14.724 |
| 9/26/2018 17:45 | 1799100 | 122.625 | 19.6 | 276.225 | 41988.076 | 46817.488 | 30.719 | 31.836 | 23.815 | 1.022 | 14.725 |
| 9/26/2018 18:00 | 1800000 | 122.6 | 19.604 | 276.168 | 41989.727 | 46814.746 | 30.717 | 31.834 | 23.815 | 1.022 | 14.727 |
| 9/26/2018 18:15 | 1800900 | 122.568 | 19.603 | 276.095 | 41979.816 | 46804.223 | 30.709 | 31.827 | 23.821 | 1.022 | 14.725 |
| 9/26/2018 18:30 | 1801800 | 122.591 | 19.609 | 276.149 | 41974.145 | 46792.527 | 30.701 | 31.819 | 23.824 | 1.022 | 14.722 |
| 9/26/2018 18:45 | 1802700 | 122.583 | 19.61 | 276.129 | 41993.176 | 46812.176 | 30.716 | 31.832 | 23.813 | 1.022 | 14.728 |
| 9/26/2018 19:00 | 1803600 | 122.558 | 19.6 | 276.073 | 41989.125 | 46817.988 | 30.719 | 31.836 | 23.816 | 1.022 | 14.727 |
| 9/26/2018 19:15 | 1804500 | 122.531 | 19.594 | 276.099 | 42005.289 | 46841.938 | 30.759 | 31.863 | 23.807 | 1.022 | 14.73 |
| 9/26/2018 19:30 | 1805400 | 122.599 | 19.606 | 276.167 | 42034.379 | 46862.02 | 30.752 | 31.866 | 23.79 | 1.022 | 14.723 |
| 9/26/2018 19:45 | 1806300 | 122.591 | 19.596 | 276.147 | 42013.34 | 46848.816 | 30.742 | 31.857 | 23.802 | 1.022 | 14.718 |
| 9/26/2018 20:00 | 1807200 | 122.606 | 19.602 | 276.181 | 41969.426 | 46794.215 | 30.702 | 31.82 | 23.827 | 1.022 | 14.72 |
| 9/26/2018 20:15 | 1808100 | 122.628 | 19.592 | 276.233 | 41974.055 | 46808.66 | 30.712 | 31.83 | 23.824 | 1.022 | 14.719 |
| 9/26/2018 20:30 | 1809000 | 122.68 | 19.601 | 276.349 | 41976.863 | 46802.926 | 30.708 | 31.826 | 23.823 | 1.022 | 14.724 |
| 9/26/2018 20:45 | 1809900 | 122.676 | 19.605 | 276.476 | 41979.305 | 46802.334 | 30.708 | 31.826 | 23.826 | 1.022 | 14.723 |
| 9/26/2018 21:00 | 1810800 | 122.734 | 19.596 | 276.47 | 41970.379 | 46800.832 | 30.707 | 31.825 | 23.826 | 1.022 | 14.722 |
| 9/26/2018 21:15 | 1811700 | 122.742 | 19.59 | 276.487 | 42010.648 | 46815.906 | 30.744 | 31.859 | 23.803 | 1.022 | 14.72 |
| 9/26/2018 21:30 | 1812600 | 122.792 | 19.596 | 276.6 | 41989.695 | 46822.895 | 30.723 | 31.84 | 23.815 | 1.022 | 14.719 |
| 9/26/2018 21:45 | 1813500 | 122.816 | 19.599 | 276.655 | 41994.945 | 46825.441 | 30.725 | 31.841 | 23.812 | 1.022 | 14.724 |
| 9/26/2018 22:00 | 1814400 | 122.818 | 19.6 | 276.66 | 41994.426 | 46823.645 | 30.724 | 31.84 | 23.813 | 1.022 | 14.722 |
| 9/26/2018 22:15 | 1815300 | 122.86 | 19.591 | 276.755 | 41977.172 | 46813.262 | 30.716 | 31.833 | 23.822 | 1.022 | 14.714 |
| 9/26/2018 22:30 | 1816200 | 122.877 | 19.596 | 276.793 | 41975.492 | 46806.27 | 30.711 | 31.829 | 23.823 | 1.022 | 14.725 |
| 9/26/2018 22:45 | 1817100 | 122.936 | 19.606 | 276.925 | 41992.93 | 46816.07 | 30.718 | 31.835 | 23.814 | 1.022 | 14.721 |
| 9/26/2018 23:00 | 1818000 | 122.931 | 19.605 | 276.914 | 41984.215 | 46807.57 | 30.712 | 31.829 | 23.818 | 1.022 | 14.724 |
| 9/26/2018 23:15 | 1818900 | 122.977 | 19.607 | 277.018 | 41976.188 | 46796.711 | 30.704 | 31.822 | 23.823 | 1.022 | 14.724 |
| 9/26/2018 23:30 | 1819800 | 123.001 | 19.607 | 277.072 | 41998.957 | 46821.746 | 30.722 | 31.839 | 23.81 | 1.022 | 14.719 |
| 9/26/2018 23:45 | 1820700 | 123.027 | 19.607 | 277.131 | 42004.75 | 46828.555 | 30.727 | 31.843 | 23.807 | 1.022 | 14.719 |
| 9/27/2018 0:00 | 1821600 | 123.027 | 19.605 | 277.129 | 41986.382 | 46810.301 | 30.714 | 31.831 | 23.817 | 1.022 | 14.724 |
| 9/27/2018 0:15 | 1822500 | 123.048 | 19.612 | 277.177 | 41991.098 | 46808.387 | 30.713 | 31.83 | 23.815 | 1.022 | 14.714 |
| 9/27/2018 0:30 | 1823400 | 123.056 | 19.607 | 277.195 | 41980.48 | 46801.238 | 30.707 | 31.825 | 23.821 | 1.022 | 14.715 |
| 9/27/2018 0:45 | 1824300 | 123.058 | 19.61 | 277.201 | 41970.586 | 46787.602 | 30.698 | 31.816 | 23.826 | 1.022 | 14.715 |
| 9/27/2018 1:00 | 1825200 | 123.056 | 19.612 | 277.195 | 41965.625 | 46779.988 | 30.692 | 31.81 | 23.829 | 1.022 | 14.715 |
| 9/27/2018 1:15 | 1826100 | 123.05 | 19.611 | 277.182 | 41981.539 | 46798.855 | 30.706 | 31.823 | 23.82 | 1.022 | 14.715 |
| 9/27/2018 1:30 | 1827000 | 123.044 | 19.608 | 277.169 | 42021.591 | 46846.574 | 30.741 | 31.856 | 23.797 | 1.022 | 14.714 |
| 9/27/2018 1:45 | 1827900 | 123.042 | 19.601 | 277.163 | 41986.016 | 46813.652 | 30.716 | 31.833 | 23.817 | 1.022 | 14.707 |
| 9/27/2018 2:00 | 1828800 | 123.033 | 19.591 | 277.143 | 41976.008 | 46811.879 | 30.715 | 31.832 | 23.823 | 1.022 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 122.982 | 19.596 | 277.029 | 41956.445 | 46785.641 | 30.696 | 31.814 | 23.834 | 1.022 | 14.705 |
| 9/27/2018 2:30 | 1830600 | 122.967 | 19.591 | 276.995 | 41956.273 | 46790.48 | 30.699 | 31.818 | 23.834 | 1.022 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 122.943 | 19.59 | 276.94 | 41980.297 | 46818.23 | 30.719 | 31.836 | 23.821 | 1.022 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 122.912 | 19.593 | 276.871 | 41975.514 | 46810.219 | 30.713 | 31.832 | 23.823 | 1.022 | 14.712 |
| 9/27/2018 3:15 | 1833300 | 122.88 | 19.594 | 276.822 | 41982.73 | 46816.945 | 30.718 | 31.836 | 23.819 | 1.022 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 122.892 | 19.603 | 276.826 | 41945.906 | 46766.941 | 30.682 | 31.802 | 23.84 | 1.022 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 122.866 | 19.602 | 276.768 | 41959.867 | 46782.852 | 30.694 | 31.812 | 23.832 | 1.022 | 14.705 |
| 9/27/2018 4:00 | 1836000 | 122.84 | 19.606 | 276.709 | 42000.648 | 46824.848 | 30.725 | 31.841 | 23.809 | 1.022 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 122.814 | 19.609 | 276.651 | 41998.465 | 46819.203 | 30.721 | 31.837 | 23.81 | 1.022 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 122.804 | 19.608 | 276.639 | 42041.5 | 46840.973 | 30.741 | 31.875 | 23.785 | 1.022 | 14.706 |
| 9/27/2018 4:45 | 1838700 | 122.762 | 19.606 | 276.534 | 42013.559 | 46839.512 | 30.735 | 31.851 | 23.802 | 1.022 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 122.742 | 19.599 | 276.489 | 42000.852 | 46831.504 | 30.729 | 31.845 | 23.809 | 1.022 | 14.702 |
| 9/27/2018 5:15 | 1840500 | 122.713 | 19.595 | 276.423 | 41982.473 | 46815.262 | 30.717 | 31.834 | 23.819 | 1.022 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 122.702 | 19.592 | 276.398 | 41976.388 | 46810.828 | 30.714 | 31.831 | 23.823 | 1.022 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 122.65 | 19.591 | 276.282 | 41971.773 | 46807.5 | 30.711 | 31.829 | 23.826 | 1.022 | 14.708 |
| 9/27/2018 6:00 | 1843200 | 122.647 | 19.591 | 276.274 | 41967.25 | 46802.983 | 30.708 | 31.826 | 23.828 | 1.022 | 14.698 |
| 9/27/2018 6:15 | 1844100 | 122.664 | 19.597 | 276.313 | 41976.266 | 46806.352 | 30.711 | 31.828 | 23.823 | 1.022 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 122.618 | 19.596 | 276.208 | 41947.941 | 46775.813 | 30.688 | 31.808 | 23.839 | 1.022 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 122.645 | 19.612 | 276.27 | 41984.344 | 46800.34 | 30.707 | 31.824 | 23.818 | 1.022 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 122.624 | 19.605 | 276.223 | 41998.352 | 46823.332 | 30.724 | 31.84 | 23.81 | 1.022 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 122.655 | 19.603 | 276.292 | 42008.953 | 46837.492 | 30.734 | 31.849 | 23.804 | 1.022 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 122.673 | 19.594 | 276.333 | 41951.871 | 46790.09 | 30.677 | 31.797 | 23.848 | 1.022 | 14.71 |
| 9/27/2018 7:45 | 1849500 | 122.683 | 19.599 | 276.368 | 41938.742 | 46763.891 | 30.688 | 31.799 | 23.844 | 1.022 | 14.714</ |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/28/2018 16:30 | 1967400 | 122.936 | 19.599 | 276.925 | 41983.582 | 46813.199 | 30.716 | 31.833 | 23.819 | 1.022 | 14.665 |
| 9/28/2018 16:45 | 1968300 | 122.939 | 19.593 | 276.931 | 41979.738 | 46813.957 | 30.716 | 31.833 | 23.821 | 1.022 | 14.664 |
| 9/28/2018 17:00 | 1969200 | 122.864 | 19.596 | 276.762 | 41993.379 | 46826.215 | 30.725 | 31.842 | 23.813 | 1.022 | 14.667 |
| 9/28/2018 17:15 | 1970100 | 122.84 | 19.599 | 276.709 | 41967.598 | 46795.375 | 30.703 | 31.821 | 23.828 | 1.022 | 14.656 |
| 9/28/2018 17:30 | 1971000 | 122.806 | 19.597 | 276.632 | 42021.34 | 46857.313 | 30.748 | 31.863 | 23.797 | 1.022 | 14.658 |
| 9/28/2018 17:45 | 1971900 | 122.766 | 19.598 | 276.542 | 41975.211 | 46804.223 | 30.709 | 31.827 | 23.824 | 1.022 | 14.661 |
| 9/28/2018 18:00 | 1972800 | 122.737 | 19.597 | 276.478 | 41973.775 | 46801.922 | 30.725 | 31.835 | 23.825 | 1.022 | 14.658 |
| 9/28/2018 18:15 | 1973700 | 122.736 | 19.603 | 276.475 | 41995.73 | 46822.41 | 30.723 | 31.839 | 23.812 | 1.022 | 14.657 |
| 9/28/2018 18:30 | 1974600 | 122.711 | 19.596 | 276.418 | 41986.777 | 46818.855 | 30.72 | 31.837 | 23.817 | 1.022 | 14.66 |
| 9/28/2018 18:45 | 1975500 | 122.654 | 19.597 | 276.291 | 41971.086 | 46800.918 | 30.707 | 31.825 | 23.826 | 1.022 | 14.658 |
| 9/28/2018 19:00 | 1976400 | 122.668 | 19.602 | 276.322 | 41987.375 | 46813.793 | 30.716 | 31.833 | 23.817 | 1.022 | 14.657 |
| 9/28/2018 19:15 | 1977300 | 122.644 | 19.601 | 276.268 | 41981.797 | 46808.523 | 30.713 | 31.83 | 23.82 | 1.022 | 14.66 |
| 9/28/2018 19:30 | 1978200 | 122.626 | 19.599 | 276.227 | 41980.047 | 46801.565 | 30.729 | 31.825 | 23.821 | 1.022 | 14.661 |
| 9/28/2018 19:45 | 1979100 | 122.621 | 19.609 | 276.215 | 42028.617 | 46852.895 | 30.745 | 31.86 | 23.793 | 1.022 | 14.657 |
| 9/28/2018 20:00 | 1980000 | 122.601 | 19.618 | 276.171 | 41980.484 | 46790.047 | 30.7 | 31.817 | 23.821 | 1.022 | 14.664 |
| 9/28/2018 20:15 | 1980900 | 122.6 | 19.609 | 276.169 | 42016.988 | 46839.93 | 30.736 | 31.851 | 23.8 | 1.022 | 14.662 |
| 9/28/2018 20:30 | 1981800 | 122.572 | 19.6 | 276.104 | 41961.773 | 46787.582 | 30.697 | 31.816 | 23.831 | 1.022 | 14.666 |
| 9/28/2018 20:45 | 1982700 | 122.576 | 19.599 | 276.115 | 41980.188 | 46809.156 | 30.713 | 31.83 | 23.823 | 1.022 | 14.667 |
| 9/28/2018 21:00 | 1983600 | 122.617 | 19.597 | 276.207 | 42010.93 | 46844.941 | 30.729 | 31.845 | 23.803 | 1.022 | 14.668 |
| 9/28/2018 21:15 | 1984500 | 122.621 | 19.604 | 276.217 | 42008.074 | 46835.203 | 30.732 | 31.848 | 23.805 | 1.022 | 14.667 |
| 9/28/2018 21:30 | 1985400 | 122.601 | 19.595 | 276.171 | 41985.672 | 46819.266 | 30.72 | 31.837 | 23.818 | 1.022 | 14.672 |
| 9/28/2018 21:45 | 1986300 | 122.628 | 19.597 | 276.231 | 41910.555 | 46733.336 | 30.657 | 31.779 | 23.86 | 1.022 | 14.663 |
| 9/28/2018 22:00 | 1987200 | 122.669 | 19.594 | 276.324 | 41980.48 | 46814 | 30.716 | 31.834 | 23.821 | 1.022 | 14.668 |
| 9/28/2018 22:15 | 1988100 | 122.657 | 19.593 | 276.297 | 41974.266 | 46807.945 | 30.712 | 31.829 | 23.824 | 1.022 | 14.67 |
| 9/28/2018 22:30 | 1989000 | 122.683 | 19.595 | 276.356 | 41996.48 | 46830.719 | 30.729 | 31.845 | 23.82 | 1.022 | 14.668 |
| 9/28/2018 22:45 | 1989900 | 122.731 | 19.602 | 276.464 | 41987.758 | 46814.563 | 30.717 | 31.834 | 23.816 | 1.022 | 14.675 |
| 9/28/2018 23:00 | 1990800 | 122.76 | 19.602 | 276.53 | 41966.926 | 46791.078 | 30.7 | 31.818 | 23.828 | 1.022 | 14.672 |
| 9/28/2018 23:15 | 1991700 | 122.748 | 19.607 | 276.503 | 42087.766 | 46921.188 | 30.795 | 31.906 | 23.76 | 1.022 | 14.68 |
| 9/28/2018 23:30 | 1992600 | 122.79 | 19.597 | 276.596 | 42026.297 | 46862.047 | 30.752 | 31.866 | 23.795 | 1.022 | 14.665 |
| 9/28/2018 23:45 | 1993500 | 122.84 | 19.601 | 276.709 | 42091.734 | 46930.926 | 30.802 | 31.913 | 23.758 | 1.022 | 14.669 |
| 9/29/2018 0:00 | 1994400 | 122.828 | 19.594 | 276.682 | 41973.766 | 46806.945 | 30.714 | 31.829 | 23.824 | 1.022 | 14.674 |
| 9/29/2018 0:15 | 1995300 | 122.876 | 19.599 | 276.791 | 41993.695 | 46824.477 | 30.724 | 31.841 | 23.813 | 1.022 | 14.68 |
| 9/29/2018 0:30 | 1996200 | 122.902 | 19.611 | 276.85 | 41995.672 | 46814 | 30.717 | 31.834 | 23.812 | 1.022 | 14.675 |
| 9/29/2018 0:45 | 1997100 | 122.93 | 19.598 | 276.911 | 42009.344 | 46842.105 | 30.737 | 31.853 | 23.804 | 1.022 | 14.672 |
| 9/29/2018 1:00 | 1998000 | 122.914 | 19.597 | 276.877 | 41993.836 | 46826.375 | 30.725 | 31.842 | 23.813 | 1.022 | 14.674 |
| 9/29/2018 1:15 | 1998900 | 122.929 | 19.594 | 276.91 | 41979.297 | 46812.855 | 30.715 | 31.833 | 23.821 | 1.022 | 14.675 |
| 9/29/2018 1:30 | 1999800 | 122.957 | 19.595 | 276.973 | 41961.758 | 46799.113 | 30.705 | 31.823 | 23.811 | 1.022 | 14.672 |
| 9/29/2018 1:45 | 2000700 | 122.959 | 19.594 | 276.977 | 41998.582 | 46834.184 | 30.731 | 31.847 | 23.81 | 1.022 | 14.677 |
| 9/29/2018 2:00 | 2001600 | 123.007 | 19.591 | 277.086 | 41945.273 | 46778.246 | 30.69 | 31.809 | 23.84 | 1.022 | 14.675 |
| 9/29/2018 2:15 | 2002500 | 123.016 | 19.593 | 277.106 | 41977.422 | 46811.898 | 30.715 | 31.832 | 23.822 | 1.022 | 14.673 |
| 9/29/2018 2:30 | 2003400 | 123.012 | 19.604 | 277.096 | 41976.992 | 46800.301 | 30.707 | 31.824 | 23.823 | 1.022 | 14.675 |
| 9/29/2018 2:45 | 2004300 | 123.013 | 19.615 | 277.098 | 41991.828 | 46806.414 | 30.712 | 31.828 | 23.814 | 1.022 | 14.679 |
| 9/29/2018 3:00 | 2005200 | 123.012 | 19.612 | 277.097 | 42018.672 | 46838.43 | 30.735 | 31.85 | 23.799 | 1.022 | 14.675 |
| 9/29/2018 3:15 | 2006100 | 123.084 | 19.6 | 277.004 | 41974.332 | 46801.52 | 30.705 | 31.822 | 23.824 | 1.022 | 14.676 |
| 9/29/2018 3:30 | 2007000 | 123.015 | 19.594 | 277.102 | 41979.277 | 46813.008 | 30.716 | 31.833 | 23.821 | 1.022 | 14.665 |
| 9/29/2018 3:45 | 2007900 | 122.993 | 19.599 | 277.053 | 41993.066 | 46823.691 | 30.724 | 31.84 | 23.813 | 1.022 | 14.678 |
| 9/29/2018 4:00 | 2008800 | 122.997 | 19.593 | 277.064 | 41979.059 | 46813.461 | 30.716 | 31.833 | 23.821 | 1.022 | 14.671 |
| 9/29/2018 4:15 | 2009700 | 122.958 | 19.593 | 276.975 | 41968.34 | 46802.203 | 30.708 | 31.826 | 23.827 | 1.022 | 14.668 |
| 9/29/2018 4:30 | 2010600 | 122.95 | 19.592 | 276.957 | 41995.824 | 46833.723 | 30.731 | 31.847 | 23.812 | 1.022 | 14.666 |
| 9/29/2018 4:45 | 2011500 | 122.948 | 19.593 | 276.953 | 41966.031 | 46798.762 | 30.705 | 31.822 | 23.829 | 1.022 | 14.676 |
| 9/29/2018 5:00 | 2012400 | 122.938 | 19.598 | 276.929 | 41978.199 | 46807.723 | 30.712 | 31.829 | 23.822 | 1.022 | 14.67 |
| 9/29/2018 5:15 | 2013300 | 122.925 | 19.609 | 276.9 | 41961.594 | 46778.359 | 30.691 | 31.809 | 23.831 | 1.022 | 14.671 |
| 9/29/2018 5:30 | 2014200 | 122.904 | 19.594 | 276.852 | 41982.656 | 46816.336 | 30.718 | 31.835 | 23.819 | 1.022 | 14.674 |
| 9/29/2018 5:45 | 2015100 | 122.856 | 19.597 | 276.746 | 41988.578 | 46819.82 | 30.721 | 31.837 | 23.816 | 1.022 | 14.676 |
| 9/29/2018 6:00 | 2016000 | 122.841 | 19.596 | 276.712 | 41985.656 | 46818.391 | 30.72 | 31.837 | 23.818 | 1.022 | 14.68 |
| 9/29/2018 6:15 | 2016900 | 122.867 | 19.596 | 276.777 | 41974.684 | 46805.891 | 30.72 | 31.828 | 23.824 | 1.022 | 14.676 |
| 9/29/2018 6:30 | 2017800 | 122.816 | 19.594 | 276.655 | 42010.445 | 46847.414 | 30.741 | 31.856 | 23.804 | 1.022 | 14.684 |
| 9/29/2018 6:45 | 2018700 | 122.829 | 19.595 | 276.685 | 41983.332 | 46816.055 | 30.718 | 31.835 | 23.819 | 1.022 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 122.788 | 19.596 | 276.593 | 41972.523 | 46803.227 | 30.708 | 31.826 | 23.825 | 1.022 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 122.786 | 19.597 | 276.588 | 42002.008 | 46834.797 | 30.732 | 31.848 | 23.808 | 1.022 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 122.781 | 19.602 | 276.576 | 41960.547 | 46793.965 | 30.695 | 31.813 | 23.832 | 1.022 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 122.805 | 19.604 | 276.613 | 41982.449 | 46802.449 | 30.728 | 31.832 | 23.822 | 1.022 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 122.807 | 19.616 | 276.634 | 41995.918 | 46809.68 | 30.714 | 31.831 | 23.812 | 1.022 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 122.804 | 19.617 | 276.628 | 41995.344 | 46807.477 | 30.713 | 31.829 | 23.812 | 1.022 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 122.818 | 19.6 | 276.659 | 42009.938 | 46841.285 | 30.736 | 31.852 | 23.804 | 1.022 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 122.826 | 19.596 | 276.678 | 41994.879 | 46828.059 | 30.727 | 31.843 | 23.812 | 1.022 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 122.843 | 19.593 | 276.716 | 42063.047 | 46907.383 | 30.785 | 31.897 | 23.774 | 1.022 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 122.867 | 19.596 | 276.777 | 42034.984 | 46832.557 | 30.729 | 31.866 | 23.79 | 1.022 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 122.877 | 19.61 | 276.793 | 42000.051 | 46819.75 | 30.721 | 31.837 | 23.809 | 1.022 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 122.902 | 19.609 | 276.848 | 41985.617 | 46804.793 | 30.71 | 31.827 | 23.818 | 1.022 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 122.925 | 19.613 | 276.901 | 41993.848 | 46809.891 | 30.714 | 31.831 | 23.813 | 1.022 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 122.919 | 19.61 | 276.887 | 42001.953 | 46822.395 | 30.723 | 31.839 | 23.808 | 1.022 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 122.97 | 19.605 | 277.002 | 41992.512 | 46817.078 | 30.719 | 31.836 | 23.814 | 1.022 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 122.973 | 19.607 | 277.009 | 41987.949 | 46809.277 | 30.714 | 31.83 | 23.816 | 1.022 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 123.029 | 19.606 | 277.134 | 41976.367 | 46797.777 | 30.705 | 31.822 | 23.823 | 1.022 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 123.053 | 19.604 | 277.188 | 42012.859 | 46839.938 | 30.736 | 31.851 | 23.802 | 1.022 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 123.081 | 19.596 | 277.252 | 42008.828 | 46844.227 | 30.738 | 31.854 | 23.805 | 1.022 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 123.087 | 19.59 | 277.265 | 41967.852 | 46803.742 | 30.709 | 31.827 | 23.828 | 1.022 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 123.141 | 19.594 | 277.387 | 41986.426 | 46821.066 | 30.721 | 31.838 | 23.817 | 1.022 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 123.144 | 19.596 | 277.441 | 41985.551 | 46809.187 | 30.717 | 31.834 | 23.818 | 1.022 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 123.18 | 19.614 | 277.475 | 41997.266 | 46812.566 | 30.733 | 31.833 | 23.811 | 1.022 | 14 |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|----------|
| 9/30/2018 21:15 | 2157300 | 122.728 | 19.599 | 276.457 | 42000.023 | 46830.848 | 30.729 | 31.845 | 23.81 | 1.022 | 14.678 |
| 9/30/2018 21:30 | 2158200 | 122.693 | 19.598 | 276.378 | 41983.203 | 46813.652 | 30.716 | 31.833 | 23.819 | 1.022 | 14.673 |
| 9/30/2018 21:45 | 2159100 | 122.71 | 19.608 | 276.416 | 42015.984 | 46840.121 | 30.736 | 31.851 | 23.8 | 1.022 | 14.673 |
| 9/30/2018 22:00 | 2160000 | 122.697 | 19.605 | 276.386 | 41992.023 | 46815.934 | 30.718 | 31.835 | 23.814 | 1.022 | 14.674 |
| 9/30/2018 22:15 | 2160900 | 122.698 | 19.6 | 276.39 | 41986.723 | 46814.969 | 30.717 | 31.834 | 23.817 | 1.022 | 14.67 |
| 9/30/2018 22:30 | 2161800 | 122.657 | 19.602 | 276.297 | 41992.684 | 46819.711 | 30.721 | 31.837 | 23.814 | 1.022 | 14.669 |
| 9/30/2018 22:45 | 2162700 | 122.705 | 19.606 | 276.405 | 41980.012 | 46809.965 | 30.715 | 31.831 | 23.821 | 1.022 | 14.667 |
| 9/30/2018 23:00 | 2163600 | 122.673 | 19.595 | 276.334 | 41987.387 | 46820.742 | 30.721 | 31.838 | 23.817 | 1.022 | 14.672 |
| 9/30/2018 23:15 | 2164500 | 122.676 | 19.594 | 276.341 | 41996.77 | 46832.258 | 30.73 | 31.846 | 23.811 | 1.022 | 14.669 |
| 9/30/2018 23:30 | 2165400 | 122.693 | 19.593 | 276.379 | 41983.07 | 46818.199 | 30.719 | 31.836 | 23.819 | 1.022 | 14.666 |
| 9/30/2018 23:45 | 2166300 | 122.699 | 19.593 | 276.391 | 42004.117 | 46841.402 | 30.736 | 31.852 | 23.807 | 1.022 | 14.671 |
| 10/1/2018 0:00 | 2167200 | 122.716 | 19.594 | 276.431 | 41990.719 | 46825.941 | 30.725 | 31.842 | 23.815 | 1.022 | 14.672 |
| 10/1/2018 0:15 | 2168100 | 122.733 | 19.596 | 276.468 | 42047.543 | 46868.099 | 30.777 | 31.883 | 23.783 | 1.022 | 14.673 |
| 10/1/2018 0:30 | 2169000 | 122.782 | 19.601 | 276.578 | 42021.199 | 46853.066 | 30.745 | 31.86 | 23.798 | 1.022 | 14.67 |
| 10/1/2018 0:45 | 2169900 | 122.769 | 19.6 | 276.548 | 42074.48 | 46912.816 | 30.789 | 31.901 | 23.767 | 1.022 | 14.672 |
| 10/1/2018 1:00 | 2170800 | 122.827 | 19.604 | 276.681 | 42019.598 | 46847.801 | 30.741 | 31.857 | 23.798 | 1.022 | 14.671 |
| 10/1/2018 1:15 | 2171700 | 122.821 | 19.601 | 276.666 | 41988.766 | 46816.293 | 30.718 | 31.835 | 23.816 | 1.022 | 14.671 |
| 10/1/2018 1:30 | 2172600 | 122.876 | 19.593 | 276.79 | 41988.176 | 46823.363 | 30.723 | 31.84 | 23.816 | 1.022 | 14.675 |
| 10/1/2018 1:45 | 2173500 | 122.9 | 19.596 | 276.827 | 41975.526 | 46811.504 | 30.726 | 31.832 | 23.823 | 1.022 | 14.675 |
| 10/1/2018 2:00 | 2174400 | 122.897 | 19.59 | 276.836 | 41996.469 | 46836.184 | 30.732 | 31.849 | 23.812 | 1.022 | 14.675 |
| 10/1/2018 2:15 | 2175300 | 122.946 | 19.598 | 276.948 | 41990.332 | 46821.082 | 30.722 | 31.838 | 23.815 | 1.022 | 14.677 |
| 10/1/2018 2:30 | 2176200 | 122.977 | 19.605 | 277.017 | 42007.91 | 46834.16 | 30.731 | 31.847 | 23.805 | 1.022 | 14.67 |
| 10/1/2018 2:45 | 2177100 | 122.989 | 19.597 | 277.044 | 41983.047 | 46814.094 | 30.716 | 31.834 | 23.819 | 1.022 | 14.68 |
| 10/1/2018 3:00 | 2178000 | 122.995 | 19.592 | 277.059 | 42007.41 | 46846.301 | 30.74 | 31.855 | 23.805 | 1.022 | 14.668 |
| 10/1/2018 3:15 | 2178900 | 123.086 | 19.601 | 277.084 | 41983.559 | 46810.957 | 30.734 | 31.831 | 23.819 | 1.022 | 14.674 |
| 10/1/2018 3:30 | 2179800 | 123.058 | 19.604 | 277.199 | 42009.02 | 46835.75 | 30.723 | 31.848 | 23.804 | 1.022 | 14.667 |
| 10/1/2018 3:45 | 2180700 | 123.07 | 19.609 | 277.227 | 42023.52 | 46847.133 | 30.741 | 31.856 | 23.796 | 1.022 | 14.671 |
| 10/1/2018 4:00 | 2181600 | 123.087 | 19.61 | 277.266 | 42018.504 | 46840.668 | 30.736 | 31.852 | 23.799 | 1.022 | 14.663 |
| 10/1/2018 4:15 | 2182500 | 123.099 | 19.603 | 277.293 | 41996.211 | 46822.762 | 30.723 | 31.839 | 23.812 | 1.022 | 14.667 |
| 10/1/2018 4:30 | 2183400 | 123.108 | 19.607 | 277.313 | 41985.844 | 46807.301 | 30.712 | 31.829 | 23.818 | 1.022 | 14.663 |
| 10/1/2018 4:45 | 2184300 | 123.11 | 19.606 | 277.334 | 42003.574 | 46828.293 | 30.727 | 31.843 | 23.807 | 1.022 | 14.663 |
| 10/1/2018 5:00 | 2185200 | 123.125 | 19.611 | 277.35 | 41990.316 | 46808.641 | 30.713 | 31.83 | 23.815 | 1.022 | 14.667 |
| 10/1/2018 5:15 | 2186100 | 123.129 | 19.599 | 277.361 | 41976.688 | 46804.734 | 30.71 | 31.827 | 23.823 | 1.022 | 14.669 |
| 10/1/2018 5:30 | 2187000 | 123.127 | 19.611 | 277.356 | 42004.012 | 46823.988 | 30.724 | 31.84 | 23.807 | 1.022 | 14.672 |
| 10/1/2018 5:45 | 2187900 | 123.124 | 19.594 | 277.349 | 41978.691 | 46812.098 | 30.715 | 31.832 | 23.822 | 1.022 | 14.673 |
| 10/1/2018 6:00 | 2188800 | 123.137 | 19.591 | 277.378 | 41996.543 | 46835.391 | 30.732 | 31.848 | 23.811 | 1.022 | 14.669 |
| 10/1/2018 6:15 | 2189700 | 123.086 | 19.607 | 277.398 | 41964.48 | 46802.594 | 30.708 | 31.826 | 23.8 | 1.022 | 14.672 |
| 10/1/2018 6:30 | 2190600 | 123.1 | 19.598 | 277.295 | 41968.977 | 46806.559 | 30.711 | 31.828 | 23.827 | 1.022 | 14.667 |
| 10/1/2018 6:45 | 2191500 | 123.094 | 19.593 | 277.281 | 41957.496 | 46790.02 | 30.699 | 31.817 | 23.834 | 1.022 | 14.671 |
| 10/1/2018 7:00 | 2192400 | 123.085 | 19.593 | 277.26 | 41958.047 | 46790.027 | 30.699 | 31.817 | 23.833 | 1.022 | 14.677 |
| 10/1/2018 7:15 | 2193300 | 123.097 | 19.601 | 277.289 | 41998.949 | 46827.816 | 30.727 | 31.843 | 23.81 | 1.022 | 14.685 |
| 10/1/2018 7:30 | 2194200 | 123.09 | 19.612 | 277.272 | 42069.527 | 46895.543 | 30.777 | 31.889 | 23.77 | 1.022 | 14.683 |
| 10/1/2018 7:45 | 2195100 | 123.082 | 19.612 | 277.254 | 42093.477 | 46922.77 | 30.797 | 31.907 | 23.757 | 1.022 | 14.689 |
| 10/1/2018 8:00 | 2196000 | 123.052 | 19.609 | 277.186 | 41960.429 | 46845.813 | 30.782 | 31.892 | 23.782 | 1.022 | 14.686 |
| 10/1/2018 8:15 | 2196900 | 123.047 | 19.606 | 277.174 | 42067.699 | 46899.602 | 30.779 | 31.892 | 23.771 | 1.022 | 14.685 |
| 10/1/2018 8:30 | 2197800 | 123.068 | 19.605 | 277.222 | 42027.973 | 46855.922 | 30.747 | 31.862 | 23.794 | 1.022 | 14.689 |
| 10/1/2018 8:45 | 2198700 | 123.034 | 19.611 | 277.145 | 41986.996 | 46804.16 | 30.71 | 31.827 | 23.817 | 1.022 | 14.682 |
| 10/1/2018 9:00 | 2199600 | 123.031 | 19.605 | 277.139 | 41971.527 | 46793.516 | 30.702 | 31.82 | 23.826 | 1.022 | 14.687 |
| 10/1/2018 9:15 | 2200500 | 123.06 | 19.607 | 277.205 | 42012.886 | 46836.941 | 30.734 | 31.849 | 23.802 | 1.022 | 14.688 |
| 10/1/2018 9:30 | 2201400 | 123.062 | 19.603 | 277.209 | 41988.48 | 46813.984 | 30.717 | 31.834 | 23.816 | 1.022 | 14.689 |
| 10/1/2018 9:45 | 2202300 | 123.071 | 19.607 | 277.229 | 41966.18 | 46785.379 | 30.696 | 31.814 | 23.829 | 1.022 | 14.677 |
| 10/1/2018 10:00 | 2203200 | 123.074 | 19.612 | 277.236 | 42008.625 | 46827.57 | 30.727 | 31.843 | 23.805 | 1.022 | 14.677 |
| 10/1/2018 10:15 | 2204100 | 123.048 | 19.605 | 277.178 | 41996.758 | 46821.727 | 30.722 | 31.839 | 23.811 | 1.022 | 14.681 |
| 10/1/2018 10:30 | 2205000 | 123.097 | 19.604 | 277.287 | 42020.852 | 46849.449 | 30.743 | 31.858 | 23.798 | 1.022 | 14.677 |
| 10/1/2018 10:45 | 2205900 | 123.103 | 19.601 | 277.301 | 41985.305 | 46812.602 | 30.716 | 31.833 | 23.818 | 1.022 | 14.679 |
| 10/1/2018 11:00 | 2206800 | 123.125 | 19.596 | 277.325 | 41997.531 | 46830.948 | 30.729 | 31.845 | 23.811 | 1.022 | 14.675 |
| 10/1/2018 11:15 | 2207700 | 123.122 | 19.611 | 277.345 | 42030.109 | 46852.563 | 30.745 | 31.86 | 23.792 | 1.022 | 14.678 |
| 10/1/2018 11:30 | 2208600 | 123.143 | 19.6 | 277.392 | 41985.113 | 46813.355 | 30.716 | 31.833 | 23.818 | 1.022 | 14.671 |
| 10/1/2018 11:45 | 2209500 | 123.158 | 19.593 | 277.425 | 41968.105 | 46801.684 | 30.707 | 31.825 | 23.828 | 1.022 | 14.672 |
| 10/1/2018 12:00 | 2210400 | 123.182 | 19.597 | 277.479 | 42004.848 | 46838.82 | 30.735 | 31.85 | 23.807 | 1.022 | 14.675 |
| 10/1/2018 12:15 | 2211300 | 123.167 | 19.597 | 277.446 | 41992.926 | 46825.109 | 30.724 | 31.841 | 23.814 | 1.022 | 14.665 |
| 10/1/2018 12:30 | 2212200 | 123.188 | 19.602 | 277.488 | 41988.671 | 46828.327 | 30.719 | 31.837 | 23.827 | 1.022 | 14.67 |
| 10/1/2018 12:45 | 2213100 | 123.243 | 19.597 | 277.616 | 41982.242 | 46812.926 | 30.716 | 31.833 | 23.82 | 1.022 | 14.658 |
| 10/1/2018 13:00 | 2214000 | 123.264 | 19.604 | 277.664 | 42001.898 | 46828.07 | 30.727 | 31.843 | 23.808 | 1.022 | 14.657 |
| 10/1/2018 13:15 | 2214900 | 123.285 | 19.595 | 277.71 | 41990.559 | 46824.805 | 30.724 | 31.841 | 23.815 | 1.022 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 123.3 | 19.594 | 277.746 | 41968.426 | 46800.555 | 30.706 | 31.824 | 23.827 | 1.022 | 14.655 |
| 10/1/2018 13:45 | 2216700 | 123.322 | 19.605 | 277.796 | 41983.551 | 46807.086 | 30.712 | 31.829 | 23.819 | 1.022 | 14.652 |
| 10/1/2018 14:00 | 2217600 | 123.341 | 19.607 | 277.831 | 42001.426 | 46821.036 | 30.722 | 31.838 | 23.809 | 1.022 | 14.649 |
| 10/1/2018 14:15 | 2218500 | 123.359 | 19.607 | 277.879 | 41989.543 | 46811.426 | 30.715 | 31.832 | 23.815 | 1.022 | 14.646 |
| 10/1/2018 14:30 | 2219400 | 123.376 | 19.598 | 277.916 | 41979.508 | 46808.754 | 30.713 | 31.83 | 23.821 | 1.022 | 14.644 |
| 10/1/2018 14:45 | 2220300 | 123.392 | 19.599 | 277.954 | 41972.836 | 46800.352 | 30.706 | 31.824 | 23.825 | 1.022 | 14.643 |
| 10/1/2018 15:00 | 2221200 | 123.405 | 19.6 | 277.982 | 41982.352 | 46809.91 | 30.714 | 31.831 | 23.82 | 1.022 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 123.413 | 19.608 | 278.001 | 41992.129 | 46813.523 | 30.717 | 31.833 | 23.814 | 1.022 | 14.644 |
| 10/1/2018 15:30 | 2223000 | 123.396 | 19.607 | 277.963 | 41973.469 | 46807.163 | 30.7 | 31.828 | 23.825 | 1.022 | 14.642 |
| 10/1/2018 15:45 | 2223900 | 123.43 | 19.61 | 278.039 | 42022.691 | 46845.336 | 30.74 | 31.855 | 23.797 | 1.022 | 14.638 |
| 10/1/2018 16:00 | 2224800 | 123.437 | 19.595 | 278.053 | 41961.238 | 46791.418 | 30.7 | 31.818 | 23.832 | 1.022 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 123.399 | 19.595 | 277.968 | 41961.66 | 46792.762 | 30.701 | 31.819 | 23.831 | 1.022 | 14.64 |
| 10/1/2018 16:30 | 2226600 | 123.398 | 19.594 | 277.965 | 41974.836 | 46807.883 | 30.712 | 31.829 | 23.824 | 1.022 | 14.637 |
| 10/1/2018 16:45 | 2227500 | 123.42 | 19.601 | 278.016 | 41992.367 | 46820.652 | 30.721 | 31.838 | 23.814 | 1.022 | 14.638 |
| 10/1/2018 17:00 | 2228400 | 123.474 | 19.603 | 278.071 | 41998.477 | 46825.813 | 30.725 | 31.842 | 23.81 | 1.022 | 14.64 |
| 10/1/2018 17:15 | 2229300 | 123.467 | 19.595 | 277.897 | 41936.047 | 46763.092 | 30.679 | 31.826 | 23.846 | 1.022 | 14.632</ |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 10/3/2018 2:00 | 2347200 | 122.776 | 19.595 | 276.565 | 41978.035 | 46810.496 | 30.714 | 31.831 | 23.822 | 1.022 | 14.672 |
| 10/3/2018 2:15 | 2348100 | 122.825 | 19.595 | 276.676 | 41961.199 | 46791.539 | 30.7 | 31.818 | 23.832 | 1.022 | 14.671 |
| 10/3/2018 2:30 | 2349000 | 122.836 | 19.601 | 276.701 | 41993.711 | 46822.332 | 30.723 | 31.839 | 23.813 | 1.022 | 14.672 |
| 10/3/2018 2:45 | 2349900 | 122.825 | 19.596 | 276.675 | 41957.684 | 46786.844 | 30.696 | 31.815 | 23.834 | 1.022 | 14.673 |
| 10/3/2018 3:00 | 2350800 | 122.883 | 19.592 | 276.807 | 41972.785 | 46807.504 | 30.711 | 31.829 | 23.825 | 1.022 | 14.665 |
| 10/3/2018 3:15 | 2351700 | 122.879 | 19.592 | 276.798 | 42000.055 | 46838.18 | 30.734 | 31.85 | 23.809 | 1.022 | 14.666 |
| 10/3/2018 3:30 | 2352600 | 122.904 | 19.594 | 276.854 | 42006.797 | 46843.523 | 30.738 | 31.854 | 23.806 | 1.022 | 14.666 |
| 10/3/2018 3:45 | 2353500 | 122.955 | 19.601 | 276.967 | 42106.824 | 46948.094 | 30.815 | 31.925 | 23.749 | 1.022 | 14.669 |
| 10/3/2018 4:00 | 2354400 | 122.961 | 19.592 | 276.981 | 42070.574 | 46916.648 | 30.791 | 31.903 | 23.77 | 1.022 | 14.665 |
| 10/3/2018 4:15 | 2355300 | 123.028 | 19.596 | 277.133 | 42061.73 | 46902.867 | 30.781 | 31.894 | 23.775 | 1.022 | 14.663 |
| 10/3/2018 4:30 | 2356200 | 123.025 | 19.596 | 277.125 | 41992.684 | 46826.227 | 30.725 | 31.842 | 23.814 | 1.022 | 14.665 |
| 10/3/2018 4:45 | 2357100 | 123.088 | 19.6 | 277.267 | 41976.52 | 46803.773 | 30.709 | 31.827 | 23.823 | 1.022 | 14.658 |
| 10/3/2018 5:00 | 2358000 | 123.105 | 19.605 | 277.305 | 42010.832 | 46837.594 | 30.734 | 31.85 | 23.803 | 1.022 | 14.666 |
| 10/3/2018 5:15 | 2358900 | 123.135 | 19.608 | 277.373 | 42019.992 | 46844.68 | 30.739 | 31.854 | 23.798 | 1.022 | 14.665 |
| 10/3/2018 5:30 | 2359800 | 123.172 | 19.61 | 277.457 | 42014.156 | 46835.652 | 30.733 | 31.848 | 23.802 | 1.022 | 14.661 |
| 10/3/2018 5:45 | 2360700 | 123.187 | 19.601 | 277.49 | 41999.59 | 46828.887 | 30.727 | 31.844 | 23.81 | 1.022 | 14.667 |
| 10/3/2018 6:00 | 2361600 | 123.175 | 19.608 | 277.463 | 41994.18 | 46815.727 | 30.718 | 31.835 | 23.813 | 1.022 | 14.668 |
| 10/3/2018 6:15 | 2362500 | 123.231 | 19.607 | 277.589 | 42009.824 | 46834.387 | 30.732 | 31.847 | 23.804 | 1.022 | 14.667 |
| 10/3/2018 6:30 | 2363400 | 123.216 | 19.6 | 277.556 | 41997.426 | 46826.992 | 30.726 | 31.842 | 23.811 | 1.022 | 14.666 |
| 10/3/2018 6:45 | 2364300 | 123.257 | 19.584 | 277.648 | 41979.43 | 46822.652 | 30.722 | 31.839 | 23.821 | 1.022 | 14.653 |
| 10/3/2018 7:00 | 2365200 | 123.251 | 19.587 | 277.635 | 41959.523 | 46797.84 | 30.704 | 31.823 | 23.832 | 1.022 | 14.671 |
| 10/3/2018 7:15 | 2366100 | 123.262 | 19.588 | 277.661 | 41984.199 | 46824.496 | 30.724 | 31.841 | 23.818 | 1.022 | 14.671 |
| 10/3/2018 7:30 | 2367000 | 123.283 | 19.586 | 277.707 | 41937.98 | 46774.59 | 30.687 | 31.807 | 23.845 | 1.022 | 14.664 |
| 10/3/2018 7:45 | 2367900 | 123.298 | 19.592 | 277.742 | 41945.887 | 46777.773 | 30.69 | 31.809 | 23.84 | 1.022 | 14.677 |
| 10/3/2018 8:00 | 2368800 | 123.306 | 19.589 | 277.759 | 42004.258 | 46846.25 | 30.74 | 31.855 | 23.807 | 1.022 | 14.673 |
| 10/3/2018 8:15 | 2369700 | 123.314 | 19.598 | 277.777 | 42024.566 | 46859.254 | 30.75 | 31.864 | 23.796 | 1.022 | 14.669 |
| 10/3/2018 8:30 | 2370600 | 123.304 | 19.607 | 277.754 | 41994.066 | 46816.82 | 30.719 | 31.835 | 23.813 | 1.022 | 14.675 |
| 10/3/2018 8:45 | 2371500 | 123.31 | 19.605 | 277.768 | 41994.41 | 46818.938 | 30.72 | 31.837 | 23.813 | 1.022 | 14.674 |
| 10/3/2018 9:00 | 2372400 | 123.298 | 19.602 | 277.741 | 42003.609 | 46831.895 | 30.73 | 31.846 | 23.807 | 1.022 | 14.675 |
| 10/3/2018 9:15 | 2373300 | 123.258 | 19.601 | 277.652 | 42004.051 | 46833.16 | 30.731 | 31.847 | 23.807 | 1.022 | 14.678 |
| 10/3/2018 9:30 | 2374200 | 123.244 | 19.596 | 277.614 | 41965.82 | 46795.918 | 30.703 | 31.821 | 23.829 | 1.022 | 14.685 |
| 10/3/2018 9:45 | 2375100 | 123.252 | 19.588 | 277.638 | 42010.414 | 46853.211 | 30.745 | 31.86 | 23.804 | 1.022 | 14.676 |
| 10/3/2018 10:00 | 2376000 | 123.233 | 19.592 | 277.594 | 41963.422 | 46796.98 | 30.704 | 31.822 | 23.83 | 1.022 | 14.682 |
| 10/3/2018 10:15 | 2376900 | 123.233 | 19.591 | 277.593 | 41981.441 | 46818.465 | 30.719 | 31.837 | 23.82 | 1.022 | 14.676 |
| 10/3/2018 10:30 | 2377800 | 123.248 | 19.588 | 277.628 | 41985.77 | 46826.078 | 30.725 | 31.842 | 23.818 | 1.022 | 14.68 |
| 10/3/2018 10:45 | 2378700 | 123.228 | 19.592 | 277.582 | 42001.043 | 46839.625 | 30.735 | 31.851 | 23.809 | 1.022 | 14.684 |
| 10/3/2018 11:00 | 2379600 | 123.192 | 19.591 | 277.501 | 41963.996 | 46799.094 | 30.705 | 31.823 | 23.83 | 1.022 | 14.679 |
| 10/3/2018 11:15 | 2380500 | 123.208 | 19.601 | 277.537 | 41965.82 | 46790.535 | 30.699 | 31.818 | 23.829 | 1.022 | 14.683 |
| 10/3/2018 11:30 | 2381400 | 123.195 | 19.59 | 277.509 | 41986.254 | 46824.875 | 30.724 | 31.841 | 23.817 | 1.022 | 14.688 |
| 10/3/2018 11:45 | 2382300 | 123.196 | 19.595 | 277.51 | 41972.996 | 46804.438 | 30.709 | 31.827 | 23.825 | 1.022 | 14.685 |
| 10/3/2018 12:00 | 2383200 | 123.164 | 19.602 | 277.44 | 41994.801 | 46822.242 | 30.723 | 31.839 | 23.812 | 1.022 | 14.681 |
| 10/3/2018 12:15 | 2384100 | 123.161 | 19.603 | 277.432 | 41980.324 | 46805.5 | 30.71 | 31.828 | 23.821 | 1.022 | 14.681 |
| 10/3/2018 12:30 | 2385000 | 123.188 | 19.602 | 277.494 | 42018.289 | 46848.605 | 30.742 | 31.857 | 23.799 | 1.022 | 14.681 |
| 10/3/2018 12:45 | 2385900 | 123.161 | 19.592 | 277.433 | 41994.82 | 46812.602 | 30.73 | 31.846 | 23.812 | 1.022 | 14.67 |
| 10/3/2018 13:00 | 2386800 | 123.201 | 19.589 | 277.523 | 42071.832 | 46920.918 | 30.794 | 31.906 | 23.769 | 1.022 | 14.672 |
| 10/3/2018 13:15 | 2387700 | 123.174 | 19.589 | 277.462 | 42038.328 | 46883.906 | 30.767 | 31.881 | 23.788 | 1.022 | 14.675 |
| 10/3/2018 13:30 | 2388600 | 123.209 | 19.595 | 277.54 | 42096.625 | 46943.082 | 30.811 | 31.921 | 23.755 | 1.022 | 14.675 |
| 10/3/2018 13:45 | 2389500 | 123.22 | 19.592 | 277.566 | 42029.559 | 46870.734 | 30.758 | 31.872 | 23.793 | 1.022 | 14.671 |
| 10/3/2018 14:00 | 2390400 | 123.23 | 19.59 | 277.588 | 42008.977 | 46849.699 | 30.742 | 31.858 | 23.804 | 1.022 | 14.671 |
| 10/3/2018 14:15 | 2391300 | 123.247 | 19.591 | 277.625 | 42008.871 | 46848.613 | 30.741 | 31.857 | 23.804 | 1.022 | 14.67 |
| 10/3/2018 14:30 | 2392200 | 123.274 | 19.593 | 277.687 | 41982.691 | 46817.773 | 30.719 | 31.836 | 23.819 | 1.022 | 14.663 |
| 10/3/2018 14:45 | 2393100 | 123.278 | 19.598 | 277.696 | 42029.176 | 46865.004 | 30.754 | 31.868 | 23.793 | 1.022 | 14.671 |
| 10/3/2018 15:00 | 2394000 | 123.304 | 19.61 | 277.755 | 42015.652 | 46837.141 | 30.734 | 31.849 | 23.801 | 1.022 | 14.668 |
| 10/3/2018 15:15 | 2394900 | 123.327 | 19.609 | 277.807 | 41996.34 | 46817.344 | 30.719 | 31.836 | 23.812 | 1.022 | 14.665 |
| 10/3/2018 15:30 | 2395800 | 123.331 | 19.592 | 277.815 | 42001.625 | 46839.5 | 30.735 | 31.851 | 23.809 | 1.022 | 14.662 |
| 10/3/2018 15:45 | 2396700 | 123.352 | 19.588 | 277.864 | 41984.625 | 46825.313 | 30.724 | 31.841 | 23.818 | 1.022 | 14.661 |
| 10/3/2018 16:00 | 2397600 | 123.369 | 19.594 | 277.9 | 41993.469 | 46828.395 | 30.727 | 31.843 | 23.813 | 1.022 | 14.663 |
| 10/3/2018 16:15 | 2398500 | 123.433 | 19.588 | 278.044 | 41979.145 | 46818.859 | 30.72 | 31.837 | 23.821 | 1.022 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 123.455 | 19.592 | 278.095 | 41960.359 | 46794.082 | 30.702 | 31.82 | 23.832 | 1.022 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 123.44 | 19.605 | 278.061 | 42003.371 | 46828.668 | 30.727 | 31.843 | 23.808 | 1.022 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 123.485 | 19.608 | 278.163 | 42022.07 | 46846.738 | 30.741 | 31.856 | 23.797 | 1.022 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 123.476 | 19.597 | 278.141 | 41964.871 | 46793.984 | 30.702 | 31.82 | 23.829 | 1.022 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 123.522 | 19.595 | 278.246 | 41969.262 | 46801.148 | 30.707 | 31.825 | 23.827 | 1.022 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 123.505 | 19.597 | 278.208 | 41966.977 | 46796.25 | 30.703 | 31.821 | 23.828 | 1.022 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 123.545 | 19.599 | 278.298 | 41982.465 | 46811.953 | 30.715 | 31.832 | 23.819 | 1.022 | 14.666 |
| 10/3/2018 18:15 | 2405700 | 123.555 | 19.591 | 278.32 | 41978.891 | 46815.094 | 30.717 | 31.834 | 23.821 | 1.022 | 14.663 |
| 10/3/2018 18:30 | 2406600 | 123.556 | 19.593 | 278.322 | 41962.699 | 46795.133 | 30.702 | 31.821 | 23.831 | 1.022 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 123.515 | 19.597 | 278.23 | 41993.938 | 46826.145 | 30.725 | 31.842 | 23.813 | 1.022 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 123.548 | 19.598 | 278.305 | 41973.094 | 46801.859 | 30.708 | 31.825 | 23.825 | 1.022 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 123.538 | 19.592 | 278.281 | 41979.672 | 46815.102 | 30.717 | 31.834 | 23.821 | 1.022 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 123.495 | 19.591 | 278.185 | 41982.395 | 46819.176 | 30.72 | 31.837 | 23.82 | 1.022 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 123.507 | 19.592 | 278.212 | 41920.441 | 46748.965 | 30.669 | 31.789 | 23.855 | 1.022 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 123.49 | 19.596 | 278.173 | 41998.066 | 46831.785 | 30.729 | 31.846 | 23.811 | 1.022 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 123.459 | 19.594 | 278.104 | 41942.895 | 46772.438 | 30.686 | 31.805 | 23.842 | 1.022 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 123.431 | 19.601 | 278.04 | 41956.496 | 46780.922 | 30.692 | 31.811 | 23.834 | 1.022 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 123.395 | 19.603 | 277.96 | 41990.953 | 46816.742 | 30.719 | 31.835 | 23.815 | 1.022 | 14.689 |
| 10/3/2018 21:00 | 2415600 | 123.363 | 19.594 | 277.886 | 41962.93 | 46794.703 | 30.702 | 31.82 | 23.831 | 1.022 | 14.688 |
| 10/3/2018 21:15 | 2416500 | 123.337 | 19.593 | 277.829 | 41953.945 | 46785.969 | 30.696 | 31.814 | 23.836 | 1.022 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 123.269 | 19.595 | 277.675 | 41977.191 | 46809.559 | 30.713 | 31.831 | 23.822 | 1.022 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 123.257 | 19.599 | 277.648 | 41975.074 | 46803.711 | 30.709 | 31.827 | 23.824 | 1.022 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 123.185 | 19.598 | 277.485 | 41991.215 | 46821.809 | 30.722 | 31.839 | 23.815 | 1.022 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 123.163 | 19.61 | 277.438 | 4 | | | | | | |

Report Date: 10/8/2018 13:12
 Report User Name: WMassoll
 Report Computer Name: WKST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MPWSP MW-3M Pre Test_2018-10-04_16-21-32-048.wsl
 Create Date: 10/4/2018 16:21

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP MW-3M
 Device Name:
 Serial Number: 395601
 Firmware Version: 2
 Hardware Version: 3
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 64
 Used Battery: 28

Log Configuration
 Log Name: MPWSP MW-3M Pre Test
 Created By: SKuiper
 Computer Name: PROBOOK8
 Application: WinSitu.exe
 Application Version: 5.6.25.0
 Create Date: 8/4/2016 9:51:09 AM Pacific Daylight Time
 Log Setup Time Zone: Pacific Daylight Time
 Notes Size(bytes): 4096
 Overwrite when full: Enabled
 Scheduled Start Time: 8/4/2016 10:00:00 AM Pacific Daylight Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Depth: 1.024
 Specific Gravity:

Other Log Settings
 Depth of Probe: 145.449 (ft)
 Head Pressure: 64.5694 (PSI)
 Temperature: 17.0644 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:
 Date and Time Note
 8/4/2016 9:51 Sensor SN: 395601 Factory calibration has expired.: 12/15/2015 5:21:19 PM
 8/4/2016 9:51 Used Battery: 28% Used Memory: 67% User Name: SKuiper
 8/4/2016 18:34 Log Download - Used Battery: 28% Used Memory: 67% User Name: SKuiper
 8/11/2016 13:16 Log Download - Used Battery: 28% Used Memory: 67% User Name: ELinden Interval - Start Time: 8/3/2016 7:00:00 AM Stop Time: 8/11/2016 2:15:00 PM
 8/18/2016 9:21 Log Download - Used Battery: 29% Used Memory: 68% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 9:15:00 AM
 8/25/2016 16:07 Log Download - Used Battery: 29% Used Memory: 68% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:00:00 PM
 9/1/2016 12:59 Log Download - Used Battery: 29% Used Memory: 70% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:45:00 PM
 9/8/2016 11:13 Log Download - Used Battery: 30% Used Memory: 70% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:00:00 AM
 9/15/2016 18:58 Log Download - Used Battery: 30% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:45:00 PM
 9/22/2016 15:14 Log Download - Used Battery: 30% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:00:00 PM
 10/2/2016 8:04 Log Download - Used Battery: 31% Used Memory: 73% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:00:00 AM
 10/7/2016 18:04 Log Download - Used Battery: 31% Used Memory: 73% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:00:00 PM
 10/13/2016 9:44 Log Download - Used Battery: 31% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 9:30:00 AM
 10/20/2016 8:55 Log Download - Used Battery: 32% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 8:45:00 AM
 10/27/2016 10:03 Log Download - Used Battery: 32% Used Memory: 76% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 10:45:00 AM
 11/3/2016 8:57 Log Download - Used Battery: 32% Used Memory: 76% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 10:45:00 AM
 11/10/2016 13:07 Log Download - Used Battery: 33% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 1:00:00 PM
 11/17/2016 8:17 Log Download - Used Battery: 33% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 10:15:00 AM
 11/24/2016 15:09 Log Download - Used Battery: 34% Used Memory: 79% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 3:00:00 PM
 12/1/2016 13:58 Log Download - Used Battery: 34% Used Memory: 79% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:45:00 PM
 12/8/2016 8:48 Log Download - Used Battery: 34% Used Memory: 81% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 8:45:00 AM
 12/15/2016 8:10 Log Download - Used Battery: 35% Used Memory: 81% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 8:00:00 PM
 12/22/2016 18:59 Log Download - Used Battery: 35% Used Memory: 82% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 7:45:00 PM
 1/5/2017 14:30 Log Download - Used Battery: 36% Used Memory: 84% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 2:30:00 PM
 1/12/2017 8:49 Log Download - Used Battery: 36% Used Memory: 85% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 8:45:00 AM
 1/19/2017 10:02 Log Download - Used Battery: 36% Used Memory: 85% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 11:00:00 AM
 1/26/2017 13:31 Log Download - Used Battery: 37% Used Memory: 87% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 1:30:00 PM
 2/2/2017 7:55 Log Download - Used Battery: 37% Used Memory: 87% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 7:45:00 AM
 2/9/2017 10:53 Log Download - Used Battery: 38% Used Memory: 89% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 11:45:00 AM
 2/16/2017 13:53 Log Download - Used Battery: 38% Used Memory: 89% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 2:45:00 PM
 2/23/2017 8:39 Log Download - Used Battery: 38% Used Memory: 90% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 9:30:00 AM
 3/2/2017 10:31 Log Download - Used Battery: 39% Used Memory: 90% User Name: SKuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 10:30:00 AM
 3/9/2017 17:11 Log Download - Used Battery: 39% Used Memory: 92% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 6:00:00 PM
 3/16/2017 18:22 Log Download - Used Battery: 39% Used Memory: 92% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 7:15:00 PM
 3/23/2017 10:41 Log Download - Used Battery: 40% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 11:30:00 AM
 3/30/2017 8:51 Log Download - Used Battery: 40% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 9:45:00 AM
 4/6/2017 16:43 Log Download - Used Battery: 40% Used Memory: 95% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 5:30:00 PM
 4/13/2017 14:21 Log Download - Used Battery: 41% Used Memory: 95% User Name: SKuiper Interval - Start Time: 4/5/2017 10:00:00 PM Stop Time: 4/13/2017 3:00:00 PM
 4/20/2017 8:32 Log Download - Used Battery: 41% Used Memory: 96% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 9:30:00 AM
 4/27/2017 18:15 Log Download - Used Battery: 41% Used Memory: 96% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 6:15:00 PM
 5/4/2017 8:29 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 9:15:00 AM
 5/10/2017 15:38 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/10/2017 3:30:00 PM
 5/17/2017 8:37 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/17/2017 9:30:00 AM
 5/18/2017 12:36 Log Download - Used Battery: 43% Used Memory: 100% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 1:30:00 PM
 5/25/2017 7:38 Log Download - Used Battery: 43% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 7:30:00 AM
 6/1/2017 11:06 Log Download - Used Battery: 43% Used Memory: 100% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 12:00:00 PM
 6/8/2017 14:46 Log Download - Used Battery: 44% Used Memory: 100% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 3:45:00 PM
 6/15/2017 16:19 Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 5:00:00 PM
 6/22/2017 14:21 Log Download - Used Battery: 45% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 3:15:00 PM
 6/29/2017 12:18 Log Download - Used Battery: 45% Used Memory: 100% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 12:15:00 PM
 7/6/2017 11:50 Log Download - Used Battery: 45% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 12:45:00 PM
 7/13/2017 17:16 Log Download - Used Battery: 46% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 5:15:00 PM
 7/20/2017 16:39 Log Download - Used Battery: 46% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 4:30:00 PM
 7/27/2017 8:41 Log Download - Used Battery: 46% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 9:30:00 AM
 8/3/2017 7:22 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 8:15:00 AM
 8/10/2017 15:08 Log Download - Used Battery: 47% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 4:00:00 PM
 8/17/2017 7:40 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 8:30:00 AM
 8/17/2017 7:41 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 8:30:00 AM
 8/24/2017 7:37 Log Download - Used Battery: 48% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 8:30:00 AM
 9/1/2017 16:37 Log Download - Used Battery: 48% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 5:30:00 PM
 9/7/2017 16:34 Log Download - Used Battery: 48% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 5:30:00 PM
 9/14/2017 9:30 Log Download - Used Battery: 49% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 10:30:00 AM

Log Data:
 Record Count: 2762

Sensors: 1
 395601 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(G) 231ft SN#: 395601 Pressure (PSI) | Sensor: PCTD(G) 231ft SN#: 395601 Temperature (C) | Sensor: PCTD(G) 231ft SN#: 395601 Depth (ft) | Sensor: PCTD(G) 231ft SN#: 395601 Actual Conductivity (µS/cm) | Sensor: PCTD(G) 231ft SN#: 395601 Specific Conductivity (µS/cm) | Sensor: PCTD(G) 231ft SN#: 395601 Salinity (PSU) | Sensor: PCTD(G) 231ft SN#: 395601 Total Dissolved Solids (ppt) | Sensor: PCTD(G) 231ft SN#: 395601 Resistivity (ohm-cm) | Sensor: PCTD(G) 231ft SN#: 395601 Water Density (g/cm3) |
|----------------|----------------------|--|---|--|---|---|--|--|--|---|
| 9/6/2018 0:00 | 7200 | 65.808 | 65.808 | 17.318 | 148.239 | 36413.828 | 42675.293 | 27.608 | 29.019 | 27.462 |
| 9/6/2018 0:15 | 8100 | 65.802 | 65.802 | 17.318 | 148.226 | 36418.559 | 42680.914 | 27.612 | 29.023 | 27.459 |
| 9/6/2018 0:30 | 9000 | 65.796 | 65.796 | 17.319 | 148.212 | 36421.32 | 42683.563 | 27.614 | 29.025 | 27.456 |
| 9/6/2018 0:45 | 9900 | 65.789 | 65.789 | 17.318 | 148.196 | 36433.934 | 42698.52 | 27.625 | 29.035 | 27.447 |
| 9/6/2018 1:00 | 10800 | 65.782 | 65.782 | 17.318 | 148.181 | 36423.074 | 42685.961 | 27.616 | 29.026 | 27.455 |
| 9/6/2018 1:15 | 11700 | 65.778 | 65.778 | 17.318 | 148.171 | 36398.105 | 42656.777 | 27.595 | 29.007 | 27.472 |
| 9/6/2018 1:30 | 12600 | 65.77 | 65.77 | 17.318 | 148.154 | 36399.414 | 42658.398 | 27.596 | 29.008 | 27.473 |
| 9/6/2018 1:45 | 13500 | 65.769 | 65.769 | 17.318 | 148.152 | 36421.676 | 42684.488 | 27.615 | 29.025 | 27.456 |
| 9/6/2018 2:00 | 14400 | 65.766 | 65.766 | 17.318 | 148.145 | 36393.367 | 42651.313 | 27.591 | 29.003 | 27.478 |
| 9/6/2018 2:15 | 15300 | 65.762 | 65.762 | 17.318 | 148.135 | 36401.297 | 42660.352 | 27.597 | 29.009 | 27.472 |
| 9/6/2018 2:30 | 16200 | 65.753 | 65.753 | 17.319 | 148.115 | 36402.691 | 42661.398 | 27.598 | 29.01 | 27.47 |
| 9/6/2018 2:45 | 17100 | 65.77 | 65.77 | 17.318 | 148.153 | 36386.938 | 42643.777 | 27.585 | 28.998 | 27.482 |
| 9/6/2018 3:00 | 18000 | 65.748 | 65.748 | 17.319 | 148.103 | 36420.125 | 42681.828 | 27.613 | 29.024 | 27.457 |
| 9/6/2018 3:15 | 18900 | 65.746 | 65.746 | 17.319 | 148.1 | 36390.02 | 42646.977 | 27.588 | 29 | 27.48 |
| 9/6/2018 3:30 | 19800 | 65.749 | 65.749 | 17.319 | 148.105 | 36385.785 | 42642.012 | 27.584 | 28.997 | 27.483 |
| 9/6/2018 3:45 | 20700 | 65.744 | 65.744 | 17.319 | 148.094 | 36416.527 | 42677.703 | 27.61 | 29.021 | 27.46 |
| 9/6/2018 4:00 | 21600 | 65.745 | 65.745 | 17.319 | 148.097 | 36384.473 | 42639.965 | 27.583 | 28.995 | 27.484 |
| 9/6/2018 4:15 | 22500 | 65.744 | 65.744 | 17.319 | 148.094 | 36371.305 | 42624.781 | 27.572 | 28.985 | 27.494 |
| 9/6/2018 4:30 | 23400 | 65.754 | 65.754 | 17.319 | 148.116 | 36402.52 | 42661.289 | 27.598 | 29.01 | 27.471 |
| 9/6/2018 4:45 | 24300 | 65.746 | 65.746 | 17.319 | 148.099 | 36400.195 | 42658.898 | 27.596 | 29.008 | 27.472 |
| 9/6/2018 5:00 | 25200 | 65.752 | 65.752 | 17.319 | 148.112 | 36392.129 | 42649.184 | 27.589 | 29.001 | 27.478 |
| 9/6/2018 5:15 | 26100 | 65.764 | 65.764 | 17.319 | 148.14 | 36407.086 | 42666.879 | 27.602 | 29.013 | 27.467 |
| 9/6/2018 5:30 | 27000 | 65.764 | 65.764 | 17.319 | 148.14 | 36405.871 | 42665.289 | 27.601 | 29.012 | 27.468 |
| 9/6/2018 5:45 | 27900 | 65.75 | 65.75 | 17.319 | 148.109 | 36394.574 | 42651.637 | 27.591 | 29.003 | 27.477 |
| 9/6/2018 6:00 | 28800 | 65.753 | 65.753 | 17.319 | 148.116 | 36409.434 | 42669.297 | 27.604 | 29.015 | 27.465 |
| 9/6/2018 6:15 | 29700 | 65.758 | 65.758 | 17.319 | 148.126 | 36416.617 | 42677.969 | 27.601 | 29.021 | 27.46 |
| 9/6/2018 6:30 | 30600 | 65.764 | 65.764 | 17.319 | 148.14 | 36412.855 | 42673.641 | 27.607 | 29.018 | 27.463 |
| 9/6/2018 6:45 | 31500 | 65.768 | 65.768 | 17.318 | 148.148 | 36396.184 | 42654.277 | 27.593 | 29.005 | 27.475 |
| 9/6/2018 7:00 | 32400 | 65.771 | 65.771 | 17.319 | 148.155 | 36397.465 | 42655.27 | 27.594 | 29.006 | 27.474 |
| 9/6/2018 7:15 | 33300 | 65.777 | 65.777 | 17.319 | 148.17 | 36397.809 | 42655.926 | 27.594 | 29.006 | 27.474 |
| 9/6/2018 7:30 | 34200 | 65.779 | 65.779 | 17.319 | 148.175 | 36390.656 | 42647.457 | 27.588 | 29 | 27.48 |
| 9/6/2018 7:45 | 35100 | 65.801 | 65.801 | 17.319 | 148.223 | 36410.504 | 42670.719 | 27.605 | 29.016 | 27.465 |
| 9/6/2018 8:00 | 36000 | 65.789 | 65.789 | 17.319 | 148.196 | 36414.418 | 42675.305 | 27.608 | 29.019 | 27.462 |
| 9/6/2018 8:15 | 36900 | 65.803 | 65.803 | 17.318 | 148.228 | 36406.477 | 42666.508 | 27.602 | 29.013 | 27.468 |
| 9/6/2018 8:30 | 37800 | 65.792 | 65.792 | 17.319 | 148.204 | 36401.199 | 42659.902 | 27.597 | 29.009 | 27.472 |
| 9/6/2018 8:45 | 38700 | 65.797 | 65.797 | 17.319 | 148.215 | 36398.824 | 42657.117 | 27.595 | 29.007 | 27.473 |
| 9/6/2018 9:00 | 39600 | 65.8 | 65.8 | 17.318 | 148.222 | 36421.934 | 42684.539 | 27.615 | 29.025 | 27.456 |
| 9/6/2018 9:15 | 40500 | 65.806 | 65.806 | 17.319 | 148.235 | 36415.672 | 42676.527 | 27.609 | 29.02 | 27.461 |
| 9/6/2018 9:30 | 41400 | 65.803 | 65.803 | 17.318 | 148.228 | 36422.594 | 42685.23 | 27.615 | 29.026 | 27.455 |
| 9/6/2018 9:45 | 42300 | 65.81 | 65.81 | 17.319 | 148.244 | 36399.25 | 42657.793 | 27.595 | 29.007 | 27.473 |
| 9/6/2018 10:00 | 43200 | 6 | | | | | | | | |

| | | | | | | | | | | |
|----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/6/2018 10:45 | 45900 | 65.811 | 17.319 | 148.246 | 36412.289 | 42672.977 | 27.606 | 29.018 | 27.463 | 1.02 |
| 9/6/2018 11:00 | 46800 | 65.809 | 17.318 | 148.241 | 36404.27 | 42663.922 | 27.6 | 29.011 | 27.469 | 1.02 |
| 9/6/2018 11:15 | 47700 | 65.809 | 17.318 | 148.241 | 36416.637 | 42678.418 | 27.61 | 29.021 | 27.466 | 1.02 |
| 9/6/2018 11:30 | 48600 | 65.811 | 17.318 | 148.247 | 36418.902 | 42680.906 | 27.612 | 29.023 | 27.458 | 1.02 |
| 9/6/2018 11:45 | 49500 | 65.809 | 17.319 | 148.242 | 36427.348 | 42690.723 | 27.619 | 29.03 | 27.462 | 1.02 |
| 9/6/2018 12:00 | 50400 | 65.81 | 17.319 | 148.244 | 36417.129 | 42678.648 | 27.61 | 29.021 | 27.456 | 1.02 |
| 9/6/2018 12:15 | 51300 | 65.806 | 17.319 | 148.234 | 36424.871 | 42687.227 | 27.617 | 29.027 | 27.454 | 1.02 |
| 9/6/2018 12:30 | 52200 | 65.801 | 17.319 | 148.224 | 36430.121 | 42693.711 | 27.621 | 29.032 | 27.45 | 1.02 |
| 9/6/2018 12:45 | 53100 | 65.803 | 17.319 | 148.228 | 36408.07 | 42668.035 | 27.603 | 29.014 | 27.466 | 1.02 |
| 9/6/2018 13:00 | 54000 | 65.797 | 17.319 | 148.215 | 36404.539 | 42663.895 | 27.6 | 29.011 | 27.469 | 1.02 |
| 9/6/2018 13:15 | 54900 | 65.799 | 17.319 | 148.218 | 36402 | 42660.586 | 27.597 | 29.009 | 27.471 | 1.02 |
| 9/6/2018 13:30 | 55800 | 65.798 | 17.319 | 148.217 | 36390.832 | 42647.59 | 27.588 | 29 | 27.479 | 1.02 |
| 9/6/2018 13:45 | 56700 | 65.806 | 17.319 | 148.235 | 36412.773 | 42673.379 | 27.607 | 29.018 | 27.463 | 1.02 |
| 9/6/2018 14:00 | 57600 | 65.793 | 17.319 | 148.205 | 36398.629 | 42656.555 | 27.595 | 29.006 | 27.474 | 1.02 |
| 9/6/2018 14:15 | 58500 | 65.795 | 17.318 | 148.209 | 36391.195 | 42648.848 | 27.589 | 29.001 | 27.479 | 1.02 |
| 9/6/2018 14:30 | 59400 | 65.79 | 17.319 | 148.198 | 36397.961 | 42655.605 | 27.594 | 29.006 | 27.474 | 1.02 |
| 9/6/2018 14:45 | 60300 | 65.781 | 17.318 | 148.179 | 36403.469 | 42662.898 | 27.599 | 29.011 | 27.47 | 1.02 |
| 9/6/2018 15:00 | 61200 | 65.74 | 17.318 | 148.087 | 36407.285 | 42667.289 | 27.602 | 29.014 | 27.467 | 1.02 |
| 9/6/2018 15:15 | 62100 | 65.721 | 17.319 | 148.044 | 36410.301 | 42670.234 | 27.604 | 29.016 | 27.465 | 1.02 |
| 9/6/2018 15:30 | 63000 | 65.708 | 17.319 | 148.013 | 36406.293 | 42665.949 | 27.601 | 29.013 | 27.468 | 1.02 |
| 9/6/2018 15:45 | 63900 | 65.692 | 17.319 | 147.979 | 36385.094 | 42640.691 | 27.583 | 28.996 | 27.484 | 1.02 |
| 9/6/2018 16:00 | 64800 | 65.682 | 17.319 | 147.956 | 36386.191 | 42641.98 | 27.584 | 28.997 | 27.483 | 1.02 |
| 9/6/2018 16:15 | 65700 | 65.675 | 17.32 | 147.939 | 36374.652 | 42628.035 | 27.574 | 28.987 | 27.492 | 1.02 |
| 9/6/2018 16:30 | 66600 | 65.683 | 17.319 | 147.957 | 36404.082 | 42662.867 | 27.599 | 29.011 | 27.469 | 1.02 |
| 9/6/2018 16:45 | 67500 | 65.665 | 17.32 | 147.918 | 36377.125 | 42630.93 | 27.576 | 28.989 | 27.49 | 1.02 |
| 9/6/2018 17:00 | 68400 | 65.675 | 17.319 | 147.939 | 36398.52 | 42656.094 | 27.594 | 29.006 | 27.474 | 1.02 |
| 9/6/2018 17:15 | 69300 | 65.661 | 17.32 | 147.908 | 36380.75 | 42635.18 | 27.579 | 28.992 | 27.487 | 1.02 |
| 9/6/2018 17:30 | 70200 | 65.671 | 17.32 | 147.931 | 36384.891 | 42639.945 | 27.583 | 28.995 | 27.484 | 1.02 |
| 9/6/2018 17:45 | 71100 | 65.656 | 17.319 | 147.896 | 36410.609 | 42670.43 | 27.605 | 29.016 | 27.465 | 1.02 |
| 9/6/2018 18:00 | 72000 | 65.656 | 17.319 | 147.897 | 36371.133 | 42624.164 | 27.571 | 28.984 | 27.494 | 1.02 |
| 9/6/2018 18:15 | 72900 | 65.658 | 17.32 | 147.902 | 36364.336 | 42615.855 | 27.565 | 28.979 | 27.499 | 1.02 |
| 9/6/2018 18:30 | 73800 | 65.662 | 17.319 | 147.91 | 36391.863 | 42648.625 | 27.589 | 29.001 | 27.479 | 1.02 |
| 9/6/2018 18:45 | 74700 | 65.672 | 17.32 | 147.933 | 36374.059 | 42627.172 | 27.574 | 28.986 | 27.492 | 1.02 |
| 9/6/2018 19:00 | 75600 | 65.7 | 17.319 | 147.995 | 36377.715 | 42631.711 | 27.577 | 28.99 | 27.489 | 1.02 |
| 9/6/2018 19:15 | 76500 | 65.724 | 17.319 | 148.051 | 36378.941 | 42633.484 | 27.578 | 28.991 | 27.488 | 1.02 |
| 9/6/2018 19:30 | 77400 | 65.756 | 17.319 | 148.121 | 36373.246 | 42626.887 | 27.573 | 28.986 | 27.493 | 1.02 |
| 9/6/2018 19:45 | 78300 | 65.764 | 17.319 | 148.139 | 36382.078 | 42636.902 | 27.581 | 28.993 | 27.486 | 1.02 |
| 9/6/2018 20:00 | 79200 | 65.771 | 17.319 | 148.155 | 36396.832 | 42654.863 | 27.593 | 29.005 | 27.475 | 1.02 |
| 9/6/2018 20:15 | 80100 | 65.783 | 17.319 | 148.183 | 36408.184 | 42668.086 | 27.603 | 29.014 | 27.466 | 1.02 |
| 9/6/2018 20:30 | 81000 | 65.792 | 17.319 | 148.202 | 36407.164 | 42667.066 | 27.602 | 29.014 | 27.467 | 1.02 |
| 9/6/2018 20:45 | 81900 | 65.801 | 17.319 | 148.223 | 36406.477 | 42665.926 | 27.601 | 29.013 | 27.468 | 1.02 |
| 9/6/2018 21:00 | 82800 | 65.804 | 17.319 | 148.23 | 36425.414 | 42688.191 | 27.617 | 29.028 | 27.453 | 1.02 |
| 9/6/2018 21:15 | 83700 | 65.809 | 17.318 | 148.242 | 36413.473 | 42674.543 | 27.607 | 29.019 | 27.462 | 1.02 |
| 9/6/2018 21:30 | 84600 | 65.813 | 17.318 | 148.251 | 36428.211 | 42692.227 | 27.62 | 29.031 | 27.451 | 1.02 |
| 9/6/2018 21:45 | 85500 | 65.817 | 17.319 | 148.259 | 36416.52 | 42677.938 | 27.61 | 29.021 | 27.46 | 1.02 |
| 9/6/2018 22:00 | 86400 | 65.81 | 17.318 | 148.243 | 36440.422 | 42706.293 | 27.63 | 29.04 | 27.442 | 1.02 |
| 9/6/2018 22:15 | 87300 | 65.815 | 17.318 | 148.254 | 36414.355 | 42675.574 | 27.608 | 29.019 | 27.462 | 1.02 |
| 9/6/2018 22:30 | 88200 | 65.814 | 17.319 | 148.252 | 36445.949 | 42712.344 | 27.635 | 29.044 | 27.438 | 1.02 |
| 9/6/2018 22:45 | 89100 | 65.818 | 17.318 | 148.261 | 36427.441 | 42690.992 | 27.619 | 29.03 | 27.452 | 1.02 |
| 9/6/2018 23:00 | 90000 | 65.808 | 17.318 | 148.239 | 36436.383 | 42701.473 | 27.627 | 29.037 | 27.445 | 1.02 |
| 9/6/2018 23:15 | 90900 | 65.812 | 17.318 | 148.249 | 36431.277 | 42695.406 | 27.622 | 29.033 | 27.449 | 1.02 |
| 9/6/2018 23:30 | 91800 | 65.809 | 17.319 | 148.242 | 36430.875 | 42694.426 | 27.622 | 29.032 | 27.449 | 1.02 |
| 9/6/2018 23:45 | 92700 | 65.802 | 17.319 | 148.224 | 36412.543 | 42673.195 | 27.607 | 29.018 | 27.463 | 1.02 |
| 9/7/2018 0:00 | 93600 | 65.814 | 17.318 | 148.252 | 36443.793 | 42710.074 | 27.633 | 29.043 | 27.44 | 1.02 |
| 9/7/2018 0:15 | 94500 | 65.806 | 17.319 | 148.235 | 36429.301 | 42692.672 | 27.621 | 29.031 | 27.45 | 1.02 |
| 9/7/2018 0:30 | 95400 | 65.789 | 17.319 | 148.196 | 36417.074 | 42678.586 | 27.61 | 29.021 | 27.46 | 1.02 |
| 9/7/2018 0:45 | 96300 | 65.784 | 17.319 | 148.185 | 36418.996 | 42680.672 | 27.612 | 29.023 | 27.458 | 1.02 |
| 9/7/2018 1:00 | 97200 | 65.776 | 17.319 | 148.168 | 36399.918 | 42658.574 | 27.596 | 29.008 | 27.473 | 1.02 |
| 9/7/2018 1:15 | 98100 | 65.773 | 17.319 | 148.161 | 36418.141 | 42679.5 | 27.611 | 29.022 | 27.459 | 1.02 |
| 9/7/2018 1:30 | 99000 | 65.767 | 17.319 | 148.146 | 36428.844 | 42692.297 | 27.62 | 29.031 | 27.451 | 1.02 |
| 9/7/2018 1:45 | 99900 | 65.755 | 17.319 | 148.121 | 36410.832 | 42670.777 | 27.605 | 29.016 | 27.464 | 1.02 |
| 9/7/2018 2:00 | 100800 | 65.77 | 17.318 | 148.153 | 36396.547 | 42654.703 | 27.593 | 29.005 | 27.475 | 1.02 |
| 9/7/2018 2:15 | 101700 | 65.767 | 17.319 | 148.146 | 36401.922 | 42660.496 | 27.597 | 29.009 | 27.471 | 1.02 |
| 9/7/2018 2:30 | 102600 | 65.76 | 17.319 | 148.131 | 36401.543 | 42660.383 | 27.597 | 29.009 | 27.471 | 1.02 |
| 9/7/2018 2:45 | 103500 | 65.739 | 17.318 | 148.084 | 36394.406 | 42652.277 | 27.592 | 29.004 | 27.477 | 1.02 |
| 9/7/2018 3:00 | 104400 | 65.735 | 17.319 | 148.074 | 36407.582 | 42667.219 | 27.602 | 29.014 | 27.467 | 1.02 |
| 9/7/2018 3:15 | 105300 | 65.745 | 17.319 | 148.096 | 36406.543 | 42666.004 | 27.601 | 29.013 | 27.468 | 1.02 |
| 9/7/2018 3:30 | 106200 | 65.727 | 17.319 | 148.056 | 36419.133 | 42680.418 | 27.612 | 29.023 | 27.458 | 1.02 |
| 9/7/2018 3:45 | 107100 | 65.726 | 17.319 | 148.054 | 36403.504 | 42662.27 | 27.599 | 29.01 | 27.47 | 1.02 |
| 9/7/2018 4:00 | 108000 | 65.725 | 17.319 | 148.053 | 36401.387 | 42659.621 | 27.597 | 29.009 | 27.471 | 1.02 |
| 9/7/2018 4:15 | 108900 | 65.722 | 17.319 | 148.046 | 36406.137 | 42665.434 | 27.601 | 29.012 | 27.468 | 1.02 |
| 9/7/2018 4:30 | 109800 | 65.718 | 17.319 | 148.036 | 36421.047 | 42683 | 27.614 | 29.024 | 27.457 | 1.02 |
| 9/7/2018 4:45 | 110700 | 65.721 | 17.319 | 148.043 | 36401.73 | 42660.191 | 27.597 | 29.009 | 27.471 | 1.02 |
| 9/7/2018 5:00 | 111600 | 65.729 | 17.319 | 148.062 | 36412.594 | 42672.586 | 27.606 | 29.017 | 27.463 | 1.02 |
| 9/7/2018 5:15 | 112500 | 65.719 | 17.319 | 148.039 | 36411.691 | 42671.531 | 27.605 | 29.017 | 27.464 | 1.02 |
| 9/7/2018 5:30 | 113400 | 65.721 | 17.32 | 148.044 | 36414.715 | 42674.984 | 27.608 | 29.019 | 27.461 | 1.02 |
| 9/7/2018 5:45 | 114300 | 65.721 | 17.319 | 148.043 | 36417.207 | 42677.992 | 27.61 | 29.021 | 27.46 | 1.02 |
| 9/7/2018 6:00 | 115200 | 65.725 | 17.319 | 148.053 | 36394.422 | 42651.367 | 27.591 | 29.003 | 27.477 | 1.02 |
| 9/7/2018 6:15 | 116100 | 65.728 | 17.319 | 148.059 | 36412.566 | 42672.633 | 27.606 | 29.017 | 27.463 | 1.02 |
| 9/7/2018 6:30 | 117000 | 65.742 | 17.319 | 148.09 | 36399.934 | 42657.918 | 27.596 | 29.007 | 27.473 | 1.02 |
| 9/7/2018 6:45 | 117900 | 65.731 | 17.319 | 148.065 | 36401.797 | 42660.348 | 27.597 | 29.009 | 27.471 | 1.02 |
| 9/7/2018 7:00 | 118800 | 65.737 | 17.319 | 148.078 | 36416.195 | 42677.316 | 27.61 | 29.021 | 27.46 | 1.02 |
| 9/7/2018 7:15 | 119700 | 65.743 | 17.32 | 148.093 | 36395.355 | 42652.211 | 27.592 | 29.004 | 27.476 | 1.02 |
| 9/7/2018 7:30 | 120600 | 65.75 | 17.32 | 148.108 | 36423.039 | 42684.652 | 27.615 | 29.026 | 27.455 | 1.02 |
| 9/7/2018 7:45 | 121500 | 65.767 | 17.32 | 148.145 | 36407.309 | 42666.219 | 27.602 | 29.013 | 27.467 | 1.02 |
| 9/7/2018 8:00 | 122400 | 65.754 | 17.319 | 148.118 | 36422.484 | 42684.344 | 27.615 | 29.025 | 27.456 | 1.02 |
| 9/7/2018 8:15 | 123300 | 65.765 | 17.319 | 148.143 | 36428.656 | 42691.488 | 27.62 | 29.03 | 27.451 | 1.02 |
| 9/7/2018 8:30 | 124200 | 65.77 | 17.319 | 148.154 | 36421.262 | 42682.746 | 27.613 | 29.024 | 27.456 | 1.02 |
| 9/7/2018 8:45 | 125100 | 65.786 | 17.319 | 148.19 | 36424.273 | 42686.352 | 27.616 | 29.027 | 27.454 | 1.02 |
| 9/7/2018 9:00 | 126000 | 65.774 | 17.319 | 148.163 | 36412.813 | 42673.098 | 27.606 | 29.018 | 27.463 | 1.02 |
| 9/7/2018 9:15 | | | | | | | | | | |

| | | | | | | | | | | |
|----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/8/2018 7:15 | 206100 | 65.761 | 17.32 | 148.133 | 36489.48 | 42762.273 | 27.671 | 29.078 | 27.405 | 1.02 |
| 9/8/2018 7:30 | 207000 | 65.78 | 17.32 | 148.176 | 36471.77 | 42741.52 | 27.656 | 29.064 | 27.418 | 1.02 |
| 9/8/2018 7:45 | 207900 | 65.771 | 17.32 | 148.156 | 36460.391 | 42727.926 | 27.646 | 29.055 | 27.427 | 1.02 |
| 9/8/2018 8:00 | 208800 | 65.774 | 17.32 | 148.163 | 36502.66 | 42777.625 | 27.682 | 29.089 | 27.395 | 1.02 |
| 9/8/2018 8:15 | 209700 | 65.779 | 17.32 | 148.175 | 36456.266 | 42723.348 | 27.643 | 29.052 | 27.43 | 1.02 |
| 9/8/2018 8:30 | 210600 | 65.789 | 17.32 | 148.197 | 36486.531 | 42758.891 | 27.668 | 29.076 | 27.407 | 1.02 |
| 9/8/2018 8:45 | 211500 | 65.791 | 17.32 | 148.202 | 36498.211 | 42772.328 | 27.678 | 29.085 | 27.399 | 1.02 |
| 9/8/2018 9:00 | 212400 | 65.796 | 17.32 | 148.212 | 36476.48 | 42746.945 | 27.656 | 29.068 | 27.415 | 1.02 |
| 9/8/2018 9:15 | 213300 | 65.806 | 17.32 | 148.234 | 36498.914 | 42773.07 | 27.678 | 29.086 | 27.398 | 1.02 |
| 9/8/2018 9:30 | 214200 | 65.81 | 17.321 | 148.243 | 36479.816 | 42750.27 | 27.662 | 29.07 | 27.412 | 1.02 |
| 9/8/2018 9:45 | 215100 | 65.814 | 17.32 | 148.252 | 36474.371 | 42744.566 | 27.658 | 29.066 | 27.417 | 1.02 |
| 9/8/2018 10:00 | 216000 | 65.817 | 17.32 | 148.26 | 36505.383 | 42781.07 | 27.684 | 29.091 | 27.393 | 1.02 |
| 9/8/2018 10:15 | 216900 | 65.819 | 17.32 | 148.263 | 36500.734 | 42775.461 | 27.68 | 29.087 | 27.397 | 1.02 |
| 9/8/2018 10:30 | 217800 | 65.822 | 17.32 | 148.271 | 36503.074 | 42778.277 | 27.682 | 29.089 | 27.395 | 1.02 |
| 9/8/2018 10:45 | 218700 | 65.826 | 17.32 | 148.28 | 36480.805 | 42752.012 | 27.663 | 29.071 | 27.412 | 1.02 |
| 9/8/2018 11:00 | 219600 | 65.826 | 17.32 | 148.28 | 36461.219 | 42728.809 | 27.647 | 29.056 | 27.426 | 1.02 |
| 9/8/2018 11:15 | 220500 | 65.826 | 17.32 | 148.278 | 36510.359 | 42786.645 | 27.688 | 29.095 | 27.389 | 1.02 |
| 9/8/2018 11:30 | 221400 | 65.834 | 17.32 | 148.297 | 36483.969 | 42755.977 | 27.666 | 29.074 | 27.409 | 1.02 |
| 9/8/2018 11:45 | 222300 | 65.836 | 17.32 | 148.302 | 36463.328 | 42731.625 | 27.649 | 29.058 | 27.425 | 1.02 |
| 9/8/2018 12:00 | 223200 | 65.836 | 17.32 | 148.302 | 36481.508 | 42753.004 | 27.664 | 29.072 | 27.411 | 1.02 |
| 9/8/2018 12:15 | 224100 | 65.838 | 17.32 | 148.307 | 36492.117 | 42765.523 | 27.673 | 29.081 | 27.403 | 1.02 |
| 9/8/2018 12:30 | 225000 | 65.836 | 17.32 | 148.302 | 36431.012 | 42693.66 | 27.621 | 29.032 | 27.449 | 1.02 |
| 9/8/2018 12:45 | 225900 | 65.835 | 17.32 | 148.3 | 36456.203 | 42723.277 | 27.643 | 29.052 | 27.43 | 1.02 |
| 9/8/2018 13:00 | 226800 | 65.833 | 17.32 | 148.295 | 36473.047 | 42742.84 | 27.657 | 29.065 | 27.418 | 1.02 |
| 9/8/2018 13:15 | 227700 | 65.83 | 17.32 | 148.288 | 36472.012 | 42741.875 | 27.656 | 29.064 | 27.418 | 1.02 |
| 9/8/2018 13:30 | 228600 | 65.842 | 17.32 | 148.316 | 36491.297 | 42764.473 | 27.672 | 29.08 | 27.404 | 1.02 |
| 9/8/2018 13:45 | 229500 | 65.826 | 17.32 | 148.28 | 36469.18 | 42738.141 | 27.653 | 29.062 | 27.42 | 1.02 |
| 9/8/2018 14:00 | 230400 | 65.823 | 17.32 | 148.273 | 36458.711 | 42726.039 | 27.645 | 29.054 | 27.428 | 1.02 |
| 9/8/2018 14:15 | 231300 | 65.841 | 17.32 | 148.314 | 36454.297 | 42721.043 | 27.641 | 29.05 | 27.432 | 1.02 |
| 9/8/2018 14:30 | 232200 | 65.82 | 17.32 | 148.265 | 36452.301 | 42718.527 | 27.639 | 29.049 | 27.433 | 1.02 |
| 9/8/2018 14:45 | 233100 | 65.82 | 17.32 | 148.265 | 36446.863 | 42712.234 | 27.635 | 29.044 | 27.437 | 1.02 |
| 9/8/2018 15:00 | 234000 | 65.816 | 17.32 | 148.258 | 36476.078 | 42746.137 | 27.659 | 29.067 | 27.415 | 1.02 |
| 9/8/2018 15:15 | 234900 | 65.824 | 17.321 | 148.275 | 36453.426 | 42719.344 | 27.64 | 29.049 | 27.432 | 1.02 |
| 9/8/2018 15:30 | 235800 | 65.812 | 17.32 | 148.249 | 36436.395 | 42699.887 | 27.626 | 29.036 | 27.445 | 1.02 |
| 9/8/2018 15:45 | 236700 | 65.811 | 17.32 | 148.245 | 36449.582 | 42715.34 | 27.637 | 29.046 | 27.435 | 1.02 |
| 9/8/2018 16:00 | 237600 | 65.809 | 17.321 | 148.241 | 36437.742 | 42700.965 | 27.627 | 29.037 | 27.444 | 1.02 |
| 9/8/2018 16:15 | 238500 | 65.803 | 17.32 | 148.227 | 36454.152 | 42720.617 | 27.641 | 29.05 | 27.432 | 1.02 |
| 9/8/2018 16:30 | 239400 | 65.802 | 17.32 | 148.226 | 36460.207 | 42727.711 | 27.646 | 29.055 | 27.427 | 1.02 |
| 9/8/2018 16:45 | 240300 | 65.819 | 17.32 | 148.263 | 36454.402 | 42720.91 | 27.641 | 29.05 | 27.432 | 1.02 |
| 9/8/2018 17:00 | 241200 | 65.806 | 17.32 | 148.234 | 36475.07 | 42745.129 | 27.658 | 29.067 | 27.416 | 1.02 |
| 9/8/2018 17:15 | 242100 | 65.804 | 17.32 | 148.231 | 36449.715 | 42715.672 | 27.637 | 29.047 | 27.435 | 1.02 |
| 9/8/2018 17:30 | 243000 | 65.804 | 17.32 | 148.229 | 36444.664 | 42709.578 | 27.633 | 29.043 | 27.439 | 1.02 |
| 9/8/2018 17:45 | 243900 | 65.809 | 17.32 | 148.242 | 36461.43 | 42729.059 | 27.647 | 29.056 | 27.426 | 1.02 |
| 9/8/2018 18:00 | 244800 | 65.813 | 17.32 | 148.251 | 36446.078 | 42711.234 | 27.634 | 29.044 | 27.438 | 1.02 |
| 9/8/2018 18:15 | 245700 | 65.813 | 17.32 | 148.251 | 36441.023 | 42705.391 | 27.63 | 29.04 | 27.442 | 1.02 |
| 9/8/2018 18:30 | 246600 | 65.813 | 17.32 | 148.249 | 36445.969 | 42711.027 | 27.634 | 29.043 | 27.438 | 1.02 |
| 9/8/2018 18:45 | 247500 | 65.815 | 17.321 | 148.256 | 36450.848 | 42716.41 | 27.638 | 29.047 | 27.434 | 1.02 |
| 9/8/2018 19:00 | 248400 | 65.836 | 17.32 | 148.302 | 36441.168 | 42705.563 | 27.63 | 29.04 | 27.441 | 1.02 |
| 9/8/2018 19:15 | 249300 | 65.826 | 17.32 | 148.278 | 36448.078 | 42713.754 | 27.636 | 29.045 | 27.436 | 1.02 |
| 9/8/2018 19:30 | 250200 | 65.832 | 17.32 | 148.294 | 36475.445 | 42745.395 | 27.658 | 29.067 | 27.416 | 1.02 |
| 9/8/2018 19:45 | 251100 | 65.836 | 17.32 | 148.302 | 36472.535 | 42742.07 | 27.656 | 29.065 | 27.418 | 1.02 |
| 9/8/2018 20:00 | 252000 | 65.841 | 17.32 | 148.312 | 36512.305 | 42789.184 | 27.69 | 29.097 | 27.388 | 1.02 |
| 9/8/2018 20:15 | 252900 | 65.86 | 17.32 | 148.356 | 36502.301 | 42777.043 | 27.681 | 29.088 | 27.396 | 1.02 |
| 9/8/2018 20:30 | 253800 | 65.852 | 17.32 | 148.338 | 36494.379 | 42767.672 | 27.674 | 29.082 | 27.401 | 1.02 |
| 9/8/2018 20:45 | 254700 | 65.853 | 17.321 | 148.341 | 36496.816 | 42770.277 | 27.676 | 29.084 | 27.4 | 1.02 |
| 9/8/2018 21:00 | 255600 | 65.861 | 17.32 | 148.358 | 36505.68 | 42781.328 | 27.684 | 29.091 | 27.393 | 1.02 |
| 9/8/2018 21:15 | 256500 | 65.864 | 17.32 | 148.365 | 36516.777 | 42794.262 | 27.694 | 29.1 | 27.385 | 1.02 |
| 9/8/2018 21:30 | 257400 | 65.868 | 17.32 | 148.374 | 36501.164 | 42775.965 | 27.68 | 29.088 | 27.396 | 1.02 |
| 9/8/2018 21:45 | 258300 | 65.871 | 17.32 | 148.38 | 36490.582 | 42763.309 | 27.671 | 29.079 | 27.404 | 1.02 |
| 9/8/2018 22:00 | 259200 | 65.876 | 17.32 | 148.393 | 36485.527 | 42757.383 | 27.667 | 29.075 | 27.408 | 1.02 |
| 9/8/2018 22:15 | 260100 | 65.88 | 17.32 | 148.4 | 36501.398 | 42776.145 | 27.681 | 29.088 | 27.396 | 1.02 |
| 9/8/2018 22:30 | 261000 | 65.882 | 17.32 | 148.405 | 36504.977 | 42780.434 | 27.684 | 29.091 | 27.394 | 1.02 |
| 9/8/2018 22:45 | 261900 | 65.885 | 17.319 | 148.412 | 36513.918 | 42791.41 | 27.691 | 29.098 | 27.387 | 1.02 |
| 9/8/2018 23:00 | 262800 | 65.882 | 17.32 | 148.405 | 36512.055 | 42788.551 | 27.689 | 29.096 | 27.388 | 1.02 |
| 9/8/2018 23:15 | 263700 | 65.885 | 17.32 | 148.412 | 36523.258 | 42801.602 | 27.699 | 29.105 | 27.38 | 1.02 |
| 9/8/2018 23:30 | 264600 | 65.884 | 17.32 | 148.409 | 36532.313 | 42812.629 | 27.707 | 29.113 | 27.373 | 1.02 |
| 9/8/2018 23:45 | 265500 | 65.885 | 17.32 | 148.411 | 36496.824 | 42771.043 | 27.673 | 29.084 | 27.4 | 1.02 |
| 9/9/2018 0:00 | 266400 | 65.882 | 17.32 | 148.405 | 36516.117 | 42793.234 | 27.697 | 29.099 | 27.385 | 1.02 |
| 9/9/2018 0:15 | 267300 | 65.878 | 17.32 | 148.396 | 36511.395 | 42787.445 | 27.689 | 29.095 | 27.389 | 1.02 |
| 9/9/2018 0:30 | 268200 | 65.874 | 17.32 | 148.387 | 36517.238 | 42794.875 | 27.694 | 29.101 | 27.384 | 1.02 |
| 9/9/2018 0:45 | 269100 | 65.867 | 17.32 | 148.373 | 36516.406 | 42793.988 | 27.693 | 29.1 | 27.385 | 1.02 |
| 9/9/2018 1:00 | 270000 | 65.868 | 17.32 | 148.374 | 36515.086 | 42792.523 | 27.692 | 29.099 | 27.386 | 1.02 |
| 9/9/2018 1:15 | 270900 | 65.863 | 17.32 | 148.363 | 36516.047 | 42793.148 | 27.693 | 29.099 | 27.385 | 1.02 |
| 9/9/2018 1:30 | 271800 | 65.866 | 17.32 | 148.37 | 36522.246 | 42800.414 | 27.698 | 29.104 | 27.381 | 1.02 |
| 9/9/2018 1:45 | 272700 | 65.851 | 17.32 | 148.336 | 36504.242 | 42779.477 | 27.683 | 29.09 | 27.394 | 1.02 |
| 9/9/2018 2:00 | 273600 | 65.844 | 17.32 | 148.32 | 36526.578 | 42805.238 | 27.701 | 29.108 | 27.377 | 1.02 |
| 9/9/2018 2:15 | 274500 | 65.841 | 17.32 | 148.314 | 36500.586 | 42775.359 | 27.68 | 29.087 | 27.397 | 1.02 |
| 9/9/2018 2:30 | 275400 | 65.829 | 17.32 | 148.286 | 36512.766 | 42789.051 | 27.69 | 29.097 | 27.388 | 1.02 |
| 9/9/2018 2:45 | 276300 | 65.822 | 17.32 | 148.27 | 36502.863 | 42777.699 | 27.682 | 29.089 | 27.395 | 1.02 |
| 9/9/2018 3:00 | 277200 | 65.83 | 17.32 | 148.289 | 36508.359 | 42783.969 | 27.686 | 29.093 | 27.391 | 1.02 |
| 9/9/2018 3:15 | 278100 | 65.807 | 17.32 | 148.238 | 36495.223 | 42768.746 | 27.675 | 29.083 | 27.401 | 1.02 |
| 9/9/2018 3:30 | 279000 | 65.804 | 17.32 | 148.229 | 36514.281 | 42791.082 | 27.691 | 29.098 | 27.387 | 1.02 |
| 9/9/2018 3:45 | 279900 | 65.797 | 17.32 | 148.214 | 36521.523 | 42799.648 | 27.697 | 29.104 | 27.381 | 1.02 |
| 9/9/2018 4:00 | 280800 | 65.804 | 17.32 | 148.213 | 36480.883 | 42751.855 | 27.663 | 29.071 | 27.412 | 1.02 |
| 9/9/2018 4:15 | 281700 | 65.801 | 17.321 | 148.224 | 36520.07 | 42797.531 | 27.696 | 29.102 | 27.382 | 1.02 |
| 9/9/2018 4:30 | 282600 | 65.779 | 17.32 | 148.173 | 36487.082 | 42758.953 | 27.668 | 29.076 | 27.407 | 1.02 |
| 9/9/2018 4:45 | 283500 | 65.79 | 17.321 | 148.199 | 36518.293 | 42795.191 | 27.694 | 29.101 | 27.384 | 1.02 |
| 9/9/2018 5:00 | 284400 | 65.774 | 17.32 | 148.162 | 36478.93 | 42749.566 | 27.661 | 29.07 | 27.413 | 1.02 |
| 9/9/2018 5:15 | 285300 | 65.766 | 17.32 | 148.145 | 36502.926 | 42777.773 | 27.682 | 29.089 | 27.395 | 1.02 |
| 9/9/2018 5:30 | 286200 | 65.767 | 17.32 | 148.146 | 36474.113 | 42744.266 | 27.658 | 29.066 | 27.417 | 1.02 |
| 9/9/2018 5:45 | 2 | | | | | | | | | |

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|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/10/2018 3:45 | 366300 | 65.805 | 17.32 | 148.232 | 36532.25 | 42811.965 | 27.706 | 29.112 | 27.373 | 1.02 |
| 9/10/2018 4:00 | 367200 | 65.814 | 17.32 | 148.252 | 36514.379 | 42791.195 | 27.691 | 29.098 | 27.386 | 1.02 |
| 9/10/2018 4:15 | 368100 | 65.797 | 17.32 | 148.215 | 36531.531 | 42811.121 | 27.706 | 29.112 | 27.374 | 1.02 |
| 9/10/2018 4:30 | 369000 | 65.79 | 17.32 | 148.198 | 36516.941 | 42794.023 | 27.693 | 29.1 | 27.385 | 1.02 |
| 9/10/2018 4:45 | 369900 | 65.782 | 17.321 | 148.181 | 36501.578 | 42775.602 | 27.686 | 29.087 | 27.396 | 1.02 |
| 9/10/2018 5:00 | 370800 | 65.781 | 17.321 | 148.178 | 36508.289 | 42783.637 | 27.686 | 29.093 | 27.391 | 1.02 |
| 9/10/2018 5:15 | 371700 | 65.781 | 17.321 | 148.178 | 36522.152 | 42799.715 | 27.697 | 29.104 | 27.381 | 1.02 |
| 9/10/2018 5:30 | 372600 | 65.771 | 17.321 | 148.156 | 36505.453 | 42780.313 | 27.684 | 29.091 | 27.393 | 1.02 |
| 9/10/2018 5:45 | 373500 | 65.769 | 17.32 | 148.152 | 36498.906 | 42773.223 | 27.678 | 29.086 | 27.398 | 1.02 |
| 9/10/2018 6:00 | 374400 | 65.764 | 17.321 | 148.139 | 36485.25 | 42756.559 | 27.666 | 29.074 | 27.408 | 1.02 |
| 9/10/2018 6:15 | 375300 | 65.775 | 17.32 | 148.165 | 36507.609 | 42783.008 | 27.685 | 29.092 | 27.392 | 1.02 |
| 9/10/2018 6:30 | 376200 | 65.764 | 17.32 | 148.14 | 36516.035 | 42793.219 | 27.693 | 29.099 | 27.385 | 1.02 |
| 9/10/2018 6:45 | 377100 | 65.776 | 17.32 | 148.167 | 36502.434 | 42777.195 | 27.681 | 29.088 | 27.395 | 1.02 |
| 9/10/2018 7:00 | 378000 | 65.759 | 17.32 | 148.129 | 36482.77 | 42753.898 | 27.665 | 29.073 | 27.41 | 1.02 |
| 9/10/2018 7:15 | 378900 | 65.755 | 17.321 | 148.12 | 36504.109 | 42778.57 | 27.682 | 29.089 | 27.394 | 1.02 |
| 9/10/2018 7:30 | 379800 | 65.761 | 17.321 | 148.134 | 36491.195 | 42763.691 | 27.672 | 29.079 | 27.404 | 1.02 |
| 9/10/2018 7:45 | 380700 | 65.757 | 17.32 | 148.124 | 36514.387 | 42791.031 | 27.691 | 29.098 | 27.386 | 1.02 |
| 9/10/2018 8:00 | 381600 | 65.762 | 17.321 | 148.135 | 36499.094 | 42772.863 | 27.678 | 29.086 | 27.398 | 1.02 |
| 9/10/2018 8:15 | 382500 | 65.766 | 17.32 | 148.144 | 36512.805 | 42789.098 | 27.69 | 29.097 | 27.388 | 1.02 |
| 9/10/2018 8:30 | 383400 | 65.78 | 17.32 | 148.175 | 36504.043 | 42779.082 | 27.683 | 29.09 | 27.394 | 1.02 |
| 9/10/2018 8:45 | 384300 | 65.77 | 17.321 | 148.154 | 36512.234 | 42788.262 | 27.689 | 29.096 | 27.388 | 1.02 |
| 9/10/2018 9:00 | 385200 | 65.777 | 17.321 | 148.169 | 36500.824 | 42774.891 | 27.68 | 29.087 | 27.397 | 1.02 |
| 9/10/2018 9:15 | 386100 | 65.784 | 17.321 | 148.186 | 36497.746 | 42771.203 | 27.677 | 29.084 | 27.399 | 1.02 |
| 9/10/2018 9:30 | 387000 | 65.788 | 17.32 | 148.193 | 36532.309 | 42812.289 | 27.706 | 29.112 | 27.373 | 1.02 |
| 9/10/2018 9:45 | 387900 | 65.793 | 17.32 | 148.205 | 36500.059 | 42774.672 | 27.679 | 29.087 | 27.397 | 1.02 |
| 9/10/2018 10:00 | 388800 | 65.796 | 17.321 | 148.212 | 36514.711 | 42790.992 | 27.691 | 29.098 | 27.386 | 1.02 |
| 9/10/2018 10:15 | 389700 | 65.803 | 17.321 | 148.227 | 36511.363 | 42787.238 | 27.689 | 29.095 | 27.389 | 1.02 |
| 9/10/2018 10:30 | 390600 | 65.808 | 17.32 | 148.239 | 36523.906 | 42802.188 | 27.699 | 29.105 | 27.379 | 1.02 |
| 9/10/2018 10:45 | 391500 | 65.813 | 17.32 | 148.249 | 36508.031 | 42783.758 | 27.686 | 29.093 | 27.391 | 1.02 |
| 9/10/2018 11:00 | 392400 | 65.815 | 17.32 | 148.256 | 36511.23 | 42787.504 | 27.689 | 29.096 | 27.389 | 1.02 |
| 9/10/2018 11:15 | 393300 | 65.837 | 17.32 | 148.304 | 36516.246 | 42793.129 | 27.693 | 29.099 | 27.385 | 1.02 |
| 9/10/2018 11:30 | 394200 | 65.827 | 17.32 | 148.282 | 36513.703 | 42790.484 | 27.691 | 29.098 | 27.387 | 1.02 |
| 9/10/2018 11:45 | 395100 | 65.828 | 17.32 | 148.285 | 36499.27 | 42773.402 | 27.679 | 29.086 | 27.398 | 1.02 |
| 9/10/2018 12:00 | 396000 | 65.83 | 17.32 | 148.288 | 36492.723 | 42766.145 | 27.673 | 29.081 | 27.403 | 1.02 |
| 9/10/2018 12:15 | 396900 | 65.835 | 17.32 | 148.3 | 36495.168 | 42768.938 | 27.675 | 29.083 | 27.401 | 1.02 |
| 9/10/2018 12:30 | 397800 | 65.839 | 17.32 | 148.31 | 36500.867 | 42775.273 | 27.68 | 29.087 | 27.397 | 1.02 |
| 9/10/2018 12:45 | 398700 | 65.848 | 17.32 | 148.329 | 36494.883 | 42768.094 | 27.675 | 29.082 | 27.401 | 1.02 |
| 9/10/2018 13:00 | 399600 | 65.841 | 17.32 | 148.312 | 36497.531 | 42771.363 | 27.677 | 29.085 | 27.399 | 1.02 |
| 9/10/2018 13:15 | 400500 | 65.84 | 17.32 | 148.312 | 36504.504 | 42779.703 | 27.683 | 29.09 | 27.394 | 1.02 |
| 9/10/2018 13:30 | 401400 | 65.838 | 17.32 | 148.306 | 36481.066 | 42751.984 | 27.663 | 29.071 | 27.411 | 1.02 |
| 9/10/2018 13:45 | 402300 | 65.839 | 17.32 | 148.308 | 36462.652 | 42730.578 | 27.648 | 29.057 | 27.425 | 1.02 |
| 9/10/2018 14:00 | 403200 | 65.835 | 17.32 | 148.3 | 36502.527 | 42777.387 | 27.681 | 29.089 | 27.395 | 1.02 |
| 9/10/2018 14:15 | 404100 | 65.833 | 17.32 | 148.295 | 36474.242 | 42744.414 | 27.658 | 29.066 | 27.417 | 1.02 |
| 9/10/2018 14:30 | 405000 | 65.831 | 17.32 | 148.29 | 36491.684 | 42764.68 | 27.672 | 29.08 | 27.404 | 1.02 |
| 9/10/2018 14:45 | 405900 | 65.826 | 17.32 | 148.28 | 36499.402 | 42773.805 | 27.679 | 29.086 | 27.398 | 1.02 |
| 9/10/2018 15:00 | 406800 | 65.836 | 17.32 | 148.301 | 36496.547 | 42770.715 | 27.677 | 29.084 | 27.4 | 1.02 |
| 9/10/2018 15:15 | 407700 | 65.819 | 17.32 | 148.264 | 36475.543 | 42745.766 | 27.659 | 29.067 | 27.416 | 1.02 |
| 9/10/2018 15:30 | 408600 | 65.812 | 17.32 | 148.249 | 36482.52 | 42753.941 | 27.665 | 29.073 | 27.41 | 1.02 |
| 9/10/2018 15:45 | 409500 | 65.824 | 17.32 | 148.275 | 36460.609 | 42728.184 | 27.646 | 29.055 | 27.427 | 1.02 |
| 9/10/2018 16:00 | 410400 | 65.805 | 17.32 | 148.233 | 36457.383 | 42724.48 | 27.643 | 29.053 | 27.429 | 1.02 |
| 9/10/2018 16:15 | 411300 | 65.803 | 17.32 | 148.228 | 36459.516 | 42726.816 | 27.645 | 29.054 | 27.428 | 1.02 |
| 9/10/2018 16:30 | 412200 | 65.8 | 17.32 | 148.221 | 36441.004 | 42705.289 | 27.63 | 29.04 | 27.442 | 1.02 |
| 9/10/2018 16:45 | 413100 | 65.795 | 17.321 | 148.209 | 36473.121 | 42742.426 | 27.656 | 29.065 | 27.417 | 1.02 |
| 9/10/2018 17:00 | 414000 | 65.791 | 17.32 | 148.2 | 36469.617 | 42738.484 | 27.653 | 29.062 | 27.42 | 1.02 |
| 9/10/2018 17:15 | 414900 | 65.788 | 17.32 | 148.195 | 36471.238 | 42740.641 | 27.655 | 29.064 | 27.419 | 1.02 |
| 9/10/2018 17:30 | 415800 | 65.785 | 17.32 | 148.187 | 36457.984 | 42725.434 | 27.644 | 29.053 | 27.429 | 1.02 |
| 9/10/2018 17:45 | 416700 | 65.781 | 17.321 | 148.179 | 36461.141 | 42728.305 | 27.646 | 29.055 | 27.426 | 1.02 |
| 9/10/2018 18:00 | 417600 | 65.778 | 17.32 | 148.172 | 36458.98 | 42726.273 | 27.645 | 29.054 | 27.428 | 1.02 |
| 9/10/2018 18:15 | 418500 | 65.776 | 17.32 | 148.168 | 36476.234 | 42746.492 | 27.659 | 29.068 | 27.415 | 1.02 |
| 9/10/2018 18:30 | 419400 | 65.776 | 17.32 | 148.166 | 36461.684 | 42729.27 | 27.647 | 29.056 | 27.426 | 1.02 |
| 9/10/2018 18:45 | 420300 | 65.779 | 17.32 | 148.173 | 36496.727 | 42770.59 | 27.677 | 29.084 | 27.4 | 1.02 |
| 9/10/2018 19:00 | 421200 | 65.791 | 17.32 | 148.2 | 36489.293 | 42761.957 | 27.67 | 29.078 | 27.405 | 1.02 |
| 9/10/2018 19:15 | 422100 | 65.786 | 17.32 | 148.19 | 36483.246 | 42754.871 | 27.665 | 29.073 | 27.41 | 1.02 |
| 9/10/2018 19:30 | 423000 | 65.776 | 17.32 | 148.166 | 36527.031 | 42805.848 | 27.702 | 29.108 | 27.377 | 1.02 |
| 9/10/2018 19:45 | 423900 | 65.779 | 17.32 | 148.175 | 36498.16 | 42772.445 | 27.678 | 29.085 | 27.399 | 1.02 |
| 9/10/2018 20:00 | 424800 | 65.78 | 17.321 | 148.177 | 36513.148 | 42789.332 | 27.69 | 29.097 | 27.387 | 1.02 |
| 9/10/2018 20:15 | 425700 | 65.785 | 17.32 | 148.187 | 36494.785 | 42768.234 | 27.675 | 29.082 | 27.401 | 1.02 |
| 9/10/2018 20:30 | 426600 | 65.787 | 17.32 | 148.187 | 36515.387 | 42792.121 | 27.692 | 29.099 | 27.386 | 1.02 |
| 9/10/2018 20:45 | 427500 | 65.787 | 17.321 | 148.193 | 36522.215 | 42799.957 | 27.698 | 29.104 | 27.381 | 1.02 |
| 9/10/2018 21:00 | 428400 | 65.79 | 17.32 | 148.198 | 36507.344 | 42782.863 | 27.685 | 29.092 | 27.392 | 1.02 |
| 9/10/2018 21:15 | 429300 | 65.795 | 17.32 | 148.209 | 36512.848 | 42789.402 | 27.69 | 29.097 | 27.388 | 1.02 |
| 9/10/2018 21:30 | 430200 | 65.807 | 17.32 | 148.236 | 36514.789 | 42791.934 | 27.692 | 29.099 | 27.386 | 1.02 |
| 9/10/2018 21:45 | 431100 | 65.806 | 17.32 | 148.234 | 36518.891 | 42796.98 | 27.695 | 29.102 | 27.383 | 1.02 |
| 9/10/2018 22:00 | 432000 | 65.812 | 17.32 | 148.248 | 36533.926 | 42814.184 | 27.708 | 29.114 | 27.372 | 1.02 |
| 9/10/2018 22:15 | 432900 | 65.828 | 17.32 | 148.284 | 36518.934 | 42796.445 | 27.695 | 29.102 | 27.383 | 1.02 |
| 9/10/2018 22:30 | 433800 | 65.824 | 17.32 | 148.275 | 36519.73 | 42797.723 | 27.696 | 29.102 | 27.382 | 1.02 |
| 9/10/2018 22:45 | 434700 | 65.825 | 17.32 | 148.278 | 36537.598 | 42818.664 | 27.711 | 29.117 | 27.369 | 1.02 |
| 9/10/2018 23:00 | 435600 | 65.846 | 17.32 | 148.324 | 36531.84 | 42811.738 | 27.706 | 29.112 | 27.373 | 1.02 |
| 9/10/2018 23:15 | 436500 | 65.837 | 17.32 | 148.304 | 36510.93 | 42786.98 | 27.688 | 29.095 | 27.389 | 1.02 |
| 9/10/2018 23:30 | 437400 | 65.842 | 17.32 | 148.315 | 36530.285 | 42809.836 | 27.705 | 29.111 | 27.375 | 1.02 |
| 9/10/2018 23:45 | 438300 | 65.844 | 17.32 | 148.321 | 36520.883 | 42798.563 | 27.697 | 29.103 | 27.382 | 1.02 |
| 9/11/2018 0:00 | 439200 | 65.86 | 17.32 | 148.355 | 36547.449 | 42829.777 | 27.719 | 29.124 | 27.362 | 1.02 |
| 9/11/2018 0:15 | 440100 | 65.86 | 17.32 | 148.355 | 36548.055 | 42830.82 | 27.72 | 29.125 | 27.361 | 1.02 |
| 9/11/2018 0:30 | 441000 | 65.868 | 17.32 | 148.375 | 36536.012 | 42816.805 | 27.71 | 29.115 | 27.37 | 1.02 |
| 9/11/2018 0:45 | 441900 | 65.854 | 17.32 | 148.343 | 36565.887 | 42851.559 | 27.735 | 29.139 | 27.348 | 1.02 |
| 9/11/2018 1:00 | 442800 | 65.856 | 17.32 | 148.347 | 36536.211 | 42816.781 | 27.71 | 29.115 | 27.37 | 1.02 |
| 9/11/2018 1:15 | 443700 | 65.866 | 17.32 | 148.37 | 36527.672 | 42806.773 | 27.703 | 29.109 | 27.377 | 1.02 |
| 9/11/2018 1:30 | 444600 | 65.854 | 17.32 | 148.344 | 36568.289 | 42854.535 | 27.737 | 29.141 | 27.346 | 1.02 |
| 9/11/2018 1:45 | 445500 | 65.856 | 17.321 | 148.348 | 36555.199 | 42838.699 | 27.725 | 29.13 | 27.356 | 1.02 |
| 9/11/2018 2:00 | 446400 | 65.854 | 17.32 | 148.342 | | | | | | |

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|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/12/2018 0:15 | 526590 | 65.87 | 17.321 | 148.377 | 36555.484 | 42838.527 | 27.725 | 29.13 | 27.356 | 1.02 |
| 9/12/2018 0:30 | 527400 | 65.874 | 17.321 | 148.387 | 36569.633 | 42855.188 | 27.737 | 29.142 | 27.345 | 1.02 |
| 9/12/2018 0:45 | 528300 | 65.877 | 17.321 | 148.390 | 36551.863 | 42834.363 | 27.722 | 29.127 | 27.358 | 1.02 |
| 9/12/2018 1:00 | 529200 | 65.882 | 17.321 | 148.407 | 36562.227 | 42846.766 | 27.731 | 29.136 | 27.351 | 1.02 |
| 9/12/2018 1:15 | 530100 | 65.886 | 17.321 | 148.415 | 36551.08 | 42843.203 | 27.722 | 29.127 | 27.359 | 1.02 |
| 9/12/2018 1:30 | 531000 | 65.883 | 17.321 | 148.407 | 36540.449 | 42820.734 | 27.713 | 29.118 | 27.367 | 1.02 |
| 9/12/2018 1:45 | 531900 | 65.898 | 17.321 | 148.411 | 36557.914 | 42841.125 | 27.727 | 29.132 | 27.354 | 1.02 |
| 9/12/2018 2:00 | 532800 | 65.88 | 17.321 | 148.402 | 36554.793 | 42837.637 | 27.725 | 29.13 | 27.356 | 1.02 |
| 9/12/2018 2:15 | 533700 | 65.885 | 17.321 | 148.412 | 36584.516 | 42872.629 | 27.75 | 29.153 | 27.334 | 1.02 |
| 9/12/2018 2:30 | 534600 | 65.885 | 17.321 | 148.411 | 36562.891 | 42847.207 | 27.732 | 29.136 | 27.35 | 1.02 |
| 9/12/2018 2:45 | 535500 | 65.897 | 17.321 | 148.439 | 36573.945 | 42860.16 | 27.741 | 29.145 | 27.342 | 1.02 |
| 9/12/2018 3:00 | 536400 | 65.879 | 17.321 | 148.399 | 36549.367 | 42831.184 | 27.72 | 29.125 | 27.36 | 1.02 |
| 9/12/2018 3:15 | 537300 | 65.879 | 17.321 | 148.398 | 36524.844 | 42802.285 | 27.699 | 29.106 | 27.379 | 1.02 |
| 9/12/2018 3:30 | 538200 | 65.879 | 17.321 | 148.399 | 36557.414 | 42840.867 | 27.727 | 29.132 | 27.354 | 1.02 |
| 9/12/2018 3:45 | 539100 | 65.89 | 17.321 | 148.423 | 36547.766 | 42829.309 | 27.719 | 29.124 | 27.361 | 1.02 |
| 9/12/2018 4:00 | 540000 | 65.871 | 17.321 | 148.38 | 36574.625 | 42860.957 | 27.741 | 29.145 | 27.341 | 1.02 |
| 9/12/2018 4:15 | 540900 | 65.871 | 17.322 | 148.38 | 36570.531 | 42855.566 | 27.738 | 29.142 | 27.344 | 1.02 |
| 9/12/2018 4:30 | 541800 | 65.863 | 17.321 | 148.363 | 36553.984 | 42836.848 | 27.724 | 29.129 | 27.357 | 1.02 |
| 9/12/2018 4:45 | 542700 | 65.859 | 17.322 | 148.353 | 36536.57 | 42815.863 | 27.709 | 29.115 | 27.37 | 1.02 |
| 9/12/2018 5:00 | 543600 | 65.862 | 17.321 | 148.361 | 36517.984 | 42794.66 | 27.694 | 29.1 | 27.384 | 1.02 |
| 9/12/2018 5:15 | 544500 | 65.85 | 17.321 | 148.333 | 36555.082 | 42837.637 | 27.725 | 29.13 | 27.356 | 1.02 |
| 9/12/2018 5:30 | 545400 | 65.85 | 17.321 | 148.334 | 36542.043 | 42822.359 | 27.714 | 29.119 | 27.366 | 1.02 |
| 9/12/2018 5:45 | 546300 | 65.859 | 17.321 | 148.354 | 36535.32 | 42814.816 | 27.708 | 29.114 | 27.371 | 1.02 |
| 9/12/2018 6:00 | 547200 | 65.839 | 17.321 | 148.309 | 36535.273 | 42814.508 | 27.708 | 29.114 | 27.371 | 1.02 |
| 9/12/2018 6:15 | 548100 | 65.832 | 17.321 | 148.294 | 36567.047 | 42852.074 | 27.735 | 29.139 | 27.347 | 1.02 |
| 9/12/2018 6:30 | 549000 | 65.831 | 17.322 | 148.291 | 36557.973 | 42840.77 | 27.727 | 29.132 | 27.354 | 1.02 |
| 9/12/2018 6:45 | 549900 | 65.83 | 17.321 | 148.288 | 36540.34 | 42820.531 | 27.712 | 29.118 | 27.367 | 1.02 |
| 9/12/2018 7:00 | 550800 | 65.825 | 17.321 | 148.276 | 36566.039 | 42850.559 | 27.734 | 29.138 | 27.348 | 1.02 |
| 9/12/2018 7:15 | 551700 | 65.84 | 17.322 | 148.312 | 36548.82 | 42829.957 | 27.719 | 29.124 | 27.361 | 1.02 |
| 9/12/2018 7:30 | 552600 | 65.819 | 17.321 | 148.264 | 36557.254 | 42840.266 | 27.727 | 29.131 | 27.354 | 1.02 |
| 9/12/2018 7:45 | 553500 | 65.818 | 17.321 | 148.261 | 36562.559 | 42846.398 | 27.731 | 29.136 | 27.35 | 1.02 |
| 9/12/2018 8:00 | 554400 | 65.82 | 17.321 | 148.266 | 36546.473 | 42827.629 | 27.718 | 29.123 | 27.362 | 1.02 |
| 9/12/2018 8:15 | 555300 | 65.82 | 17.321 | 148.266 | 36543.465 | 42824.105 | 27.715 | 29.12 | 27.365 | 1.02 |
| 9/12/2018 8:30 | 556200 | 65.82 | 17.322 | 148.265 | 36579.93 | 42866.5 | 27.745 | 29.149 | 27.337 | 1.02 |
| 9/12/2018 8:45 | 557100 | 65.817 | 17.321 | 148.26 | 36528.855 | 42806.906 | 27.703 | 29.109 | 27.376 | 1.02 |
| 9/12/2018 9:00 | 558000 | 65.824 | 17.321 | 148.276 | 36526.07 | 42803.809 | 27.7 | 29.107 | 27.378 | 1.02 |
| 9/12/2018 9:15 | 558900 | 65.826 | 17.321 | 148.28 | 36514.023 | 42789.691 | 27.69 | 29.097 | 27.387 | 1.02 |
| 9/12/2018 9:30 | 559800 | 65.824 | 17.322 | 148.276 | 36502.688 | 42776.16 | 27.681 | 29.088 | 27.395 | 1.02 |
| 9/12/2018 9:45 | 560700 | 65.83 | 17.321 | 148.288 | 36527.207 | 42804.891 | 27.701 | 29.107 | 27.377 | 1.02 |
| 9/12/2018 10:00 | 561600 | 65.832 | 17.321 | 148.294 | 36500.508 | 42773.766 | 27.679 | 29.086 | 27.397 | 1.02 |
| 9/12/2018 10:15 | 562500 | 65.832 | 17.321 | 148.294 | 36508.102 | 42782.75 | 27.685 | 29.092 | 27.391 | 1.02 |
| 9/12/2018 10:30 | 563400 | 65.854 | 17.322 | 148.341 | 36514.902 | 42790.473 | 27.691 | 29.098 | 27.386 | 1.02 |
| 9/12/2018 10:45 | 564300 | 65.848 | 17.321 | 148.329 | 36519.461 | 42795.977 | 27.695 | 29.101 | 27.383 | 1.02 |
| 9/12/2018 11:00 | 565200 | 65.85 | 17.321 | 148.334 | 36504.289 | 42778.359 | 27.682 | 29.089 | 27.394 | 1.02 |
| 9/12/2018 11:15 | 566100 | 65.854 | 17.321 | 148.343 | 36505.777 | 42779.859 | 27.683 | 29.09 | 27.393 | 1.02 |
| 9/12/2018 11:30 | 567000 | 65.872 | 17.321 | 148.384 | 36511.988 | 42787.473 | 27.689 | 29.095 | 27.388 | 1.02 |
| 9/12/2018 11:45 | 567900 | 65.864 | 17.321 | 148.365 | 36510.574 | 42785.563 | 27.687 | 29.094 | 27.389 | 1.02 |
| 9/12/2018 12:00 | 568800 | 65.87 | 17.321 | 148.377 | 36512.695 | 42788.047 | 27.689 | 29.096 | 27.388 | 1.02 |
| 9/12/2018 12:15 | 569700 | 65.888 | 17.321 | 148.418 | 36498.211 | 42771.074 | 27.677 | 29.084 | 27.399 | 1.02 |
| 9/12/2018 12:30 | 570600 | 65.879 | 17.321 | 148.398 | 36519.398 | 42795.902 | 27.695 | 29.101 | 27.383 | 1.02 |
| 9/12/2018 12:45 | 571500 | 65.881 | 17.321 | 148.402 | 36504.574 | 42778.691 | 27.682 | 29.09 | 27.394 | 1.02 |
| 9/12/2018 13:00 | 572400 | 65.885 | 17.322 | 148.411 | 36515.855 | 42791.59 | 27.692 | 29.098 | 27.385 | 1.02 |
| 9/12/2018 13:15 | 573300 | 65.903 | 17.321 | 148.453 | 36503.207 | 42777.09 | 27.681 | 29.088 | 27.395 | 1.02 |
| 9/12/2018 13:30 | 574200 | 65.889 | 17.322 | 148.422 | 36505.379 | 42779.137 | 27.683 | 29.09 | 27.393 | 1.02 |
| 9/12/2018 13:45 | 575100 | 65.895 | 17.321 | 148.434 | 36532.133 | 42810.824 | 27.705 | 29.111 | 27.373 | 1.02 |
| 9/12/2018 14:00 | 576000 | 65.895 | 17.321 | 148.434 | 36521.461 | 42798.48 | 27.697 | 29.103 | 27.381 | 1.02 |
| 9/12/2018 14:15 | 576900 | 65.891 | 17.322 | 148.427 | 36507.75 | 42781.914 | 27.685 | 29.092 | 27.391 | 1.02 |
| 9/12/2018 14:30 | 577800 | 65.9 | 17.322 | 148.447 | 36514.438 | 42789.95 | 27.69 | 29.097 | 27.386 | 1.02 |
| 9/12/2018 14:45 | 578700 | 65.893 | 17.321 | 148.429 | 36505.453 | 42779.48 | 27.683 | 29.09 | 27.393 | 1.02 |
| 9/12/2018 15:00 | 579600 | 65.898 | 17.322 | 148.442 | 36513.535 | 42788.695 | 27.69 | 29.096 | 27.387 | 1.02 |
| 9/12/2018 15:15 | 580500 | 65.891 | 17.321 | 148.426 | 36508.48 | 42783.691 | 27.686 | 29.093 | 27.391 | 1.02 |
| 9/12/2018 15:30 | 581400 | 65.908 | 17.321 | 148.464 | 36491.473 | 42763.098 | 27.671 | 29.079 | 27.404 | 1.02 |
| 9/12/2018 15:45 | 582300 | 65.889 | 17.321 | 148.421 | 36530.988 | 42810.066 | 27.705 | 29.111 | 27.374 | 1.02 |
| 9/12/2018 16:00 | 583200 | 65.887 | 17.321 | 148.417 | 36518.938 | 42795.449 | 27.694 | 29.101 | 27.383 | 1.02 |
| 9/12/2018 16:15 | 584100 | 65.898 | 17.321 | 148.442 | 36514.117 | 42789.969 | 27.69 | 29.097 | 27.387 | 1.02 |
| 9/12/2018 16:30 | 585000 | 65.897 | 17.321 | 148.44 | 36514.891 | 42790.875 | 27.691 | 29.098 | 27.386 | 1.02 |
| 9/12/2018 16:45 | 585900 | 65.89 | 17.321 | 148.423 | 36501.305 | 42774.441 | 27.679 | 29.087 | 27.396 | 1.02 |
| 9/12/2018 17:00 | 586800 | 65.875 | 17.322 | 148.39 | 36508.734 | 42783.324 | 27.682 | 29.093 | 27.391 | 1.02 |
| 9/12/2018 17:15 | 587700 | 65.871 | 17.322 | 148.38 | 36509.082 | 42783.652 | 27.686 | 29.093 | 27.39 | 1.02 |
| 9/12/2018 17:30 | 588600 | 65.864 | 17.321 | 148.365 | 36510.816 | 42785.934 | 27.688 | 29.094 | 27.389 | 1.02 |
| 9/12/2018 17:45 | 589500 | 65.864 | 17.321 | 148.365 | 36505.324 | 42779.41 | 27.683 | 29.09 | 27.393 | 1.02 |
| 9/12/2018 18:00 | 590400 | 65.861 | 17.322 | 148.358 | 36516.191 | 42791.809 | 27.692 | 29.098 | 27.385 | 1.02 |
| 9/12/2018 18:15 | 591300 | 65.854 | 17.322 | 148.344 | 36518.988 | 42795.262 | 27.694 | 29.101 | 27.383 | 1.02 |
| 9/12/2018 18:30 | 592200 | 65.851 | 17.322 | 148.336 | 36526.742 | 42803.836 | 27.7 | 29.107 | 27.377 | 1.02 |
| 9/12/2018 18:45 | 593100 | 65.861 | 17.322 | 148.357 | 36534.434 | 42813.266 | 27.707 | 29.113 | 27.371 | 1.02 |
| 9/12/2018 19:00 | 594000 | 65.841 | 17.321 | 148.312 | 36511.805 | 42786.922 | 27.688 | 29.095 | 27.388 | 1.02 |
| 9/12/2018 19:15 | 594900 | 65.839 | 17.321 | 148.31 | 36538.309 | 42818.063 | 27.711 | 29.116 | 27.369 | 1.02 |
| 9/12/2018 19:30 | 595800 | 65.834 | 17.321 | 148.297 | 36546.785 | 42827.996 | 27.718 | 29.123 | 27.362 | 1.02 |
| 9/12/2018 19:45 | 596700 | 65.835 | 17.321 | 148.299 | 36535.23 | 42814.871 | 27.708 | 29.114 | 27.371 | 1.02 |
| 9/12/2018 20:00 | 597600 | 65.842 | 17.322 | 148.316 | 36526.297 | 42803.824 | 27.7 | 29.107 | 27.378 | 1.02 |
| 9/12/2018 20:15 | 598500 | 65.829 | 17.322 | 148.286 | 36530.965 | 42808.953 | 27.704 | 29.11 | 27.374 | 1.02 |
| 9/12/2018 20:30 | 599400 | 65.831 | 17.322 | 148.29 | 36553.348 | 42835.43 | 27.723 | 29.128 | 27.357 | 1.02 |
| 9/12/2018 20:45 | 600300 | 65.828 | 17.322 | 148.285 | 36545.523 | 42826.012 | 27.716 | 29.122 | 27.363 | 1.02 |
| 9/12/2018 21:00 | 601200 | 65.826 | 17.322 | 148.28 | 36565.969 | 42850.316 | 27.734 | 29.138 | 27.348 | 1.02 |
| 9/12/2018 21:15 | 602100 | 65.83 | 17.321 | 148.288 | 36558.758 | 42841.77 | 27.728 | 29.132 | 27.353 | 1.02 |
| 9/12/2018 21:30 | 603000 | 65.828 | 17.321 | 148.284 | 36521.234 | 42798.141 | 27.696 | 29.103 | 27.381 | 1.02 |
| 9/12/2018 21:45 | 603900 | 65.831 | 17.321 | 148.291 | 36540.988 | 42820.777 | 27.713 | 29.118 | 27.367 | 1.02 |
| 9/12/2018 22:00 | 604800 | 65.834 | 17.322 | 148.298 | 36540.133 | 42819.863 | 27.712 | 29.118 | 27.367 | 1.02 |
| 9/12/2018 22:15 | 605700 | 65.839 | 17.322 | 148.308 | 36559.262 | 42842.281 | 27.728 | 29.133 | 27.353 | 1.02 |
| 9/ | | | | | | | | | | |

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| 9/13/2018 20:45 | 686700 | 65.845 | 17.323 | 148.322 | 36570.867 | 42854.953 | 27.737 | 29.141 | 27.344 | 1.02 |
| 9/13/2018 21:00 | 687600 | 65.859 | 17.323 | 148.354 | 36581.41 | 42867.469 | 27.746 | 29.15 | 27.336 | 1.02 |
| 9/13/2018 21:15 | 688500 | 65.841 | 17.323 | 148.314 | 36553.574 | 42834.688 | 27.723 | 29.128 | 27.357 | 1.02 |
| 9/13/2018 21:30 | 689400 | 65.839 | 17.322 | 148.309 | 36560.844 | 42843.629 | 27.729 | 29.134 | 27.352 | 1.02 |
| 9/13/2018 21:45 | 690300 | 65.842 | 17.323 | 148.315 | 36596.316 | 42884.684 | 27.759 | 29.162 | 27.325 | 1.02 |
| 9/13/2018 22:00 | 691200 | 65.845 | 17.322 | 148.322 | 36561.086 | 42843.746 | 27.729 | 29.134 | 27.351 | 1.02 |
| 9/13/2018 22:15 | 692100 | 65.842 | 17.323 | 148.316 | 36562.875 | 42845.586 | 27.731 | 29.135 | 27.35 | 1.02 |
| 9/13/2018 22:30 | 693000 | 65.846 | 17.323 | 148.325 | 36594.531 | 42882.844 | 27.757 | 29.16 | 27.326 | 1.02 |
| 9/13/2018 22:45 | 693900 | 65.856 | 17.323 | 148.346 | 36570.148 | 42854.109 | 27.737 | 29.141 | 27.345 | 1.02 |
| 9/13/2018 23:00 | 694800 | 65.845 | 17.322 | 148.323 | 36574.738 | 42859.816 | 27.741 | 29.145 | 27.341 | 1.02 |
| 9/13/2018 23:15 | 695700 | 65.861 | 17.323 | 148.358 | 36572.141 | 42856.605 | 27.738 | 29.142 | 27.343 | 1.02 |
| 9/13/2018 23:30 | 696600 | 65.849 | 17.323 | 148.332 | 36558.508 | 42840.305 | 27.727 | 29.131 | 27.353 | 1.02 |
| 9/13/2018 23:45 | 697500 | 65.864 | 17.323 | 148.364 | 36583.801 | 42869.852 | 27.748 | 29.152 | 27.335 | 1.02 |
| 9/14/2018 0:00 | 698400 | 65.853 | 17.322 | 148.339 | 36593.25 | 42881.438 | 27.756 | 29.159 | 27.327 | 1.02 |
| 9/14/2018 0:15 | 699300 | 65.857 | 17.323 | 148.35 | 36573.945 | 42858.641 | 27.74 | 29.144 | 27.342 | 1.02 |
| 9/14/2018 0:30 | 700200 | 65.861 | 17.323 | 148.359 | 36573.195 | 42857.762 | 27.739 | 29.143 | 27.342 | 1.02 |
| 9/14/2018 0:45 | 701100 | 65.867 | 17.322 | 148.372 | 36585.996 | 42872.938 | 27.75 | 29.154 | 27.333 | 1.02 |
| 9/14/2018 1:00 | 702000 | 65.866 | 17.322 | 148.369 | 36581.328 | 42867.707 | 27.746 | 29.15 | 27.336 | 1.02 |
| 9/14/2018 1:15 | 702900 | 65.869 | 17.323 | 148.375 | 36567.426 | 42850.492 | 27.734 | 29.138 | 27.347 | 1.02 |
| 9/14/2018 1:30 | 703800 | 65.884 | 17.322 | 148.411 | 36577.391 | 42862.926 | 27.743 | 29.147 | 27.339 | 1.02 |
| 9/14/2018 1:45 | 704700 | 65.881 | 17.322 | 148.402 | 36566.766 | 42850.82 | 27.734 | 29.139 | 27.347 | 1.02 |
| 9/14/2018 2:00 | 705600 | 65.879 | 17.323 | 148.399 | 36565.688 | 42848.457 | 27.733 | 29.137 | 27.348 | 1.02 |
| 9/14/2018 2:15 | 706500 | 65.881 | 17.323 | 148.402 | 36583.004 | 42869.082 | 27.747 | 29.151 | 27.335 | 1.02 |
| 9/14/2018 2:30 | 707400 | 65.883 | 17.323 | 148.407 | 36579.578 | 42864.902 | 27.744 | 29.148 | 27.338 | 1.02 |
| 9/14/2018 2:45 | 708300 | 65.901 | 17.323 | 148.449 | 36591.27 | 42879.02 | 27.755 | 29.158 | 27.329 | 1.02 |
| 9/14/2018 3:00 | 709200 | 65.887 | 17.323 | 148.416 | 36562.055 | 42844.625 | 27.73 | 29.134 | 27.351 | 1.02 |
| 9/14/2018 3:15 | 710100 | 65.891 | 17.323 | 148.426 | 36591.66 | 42879.227 | 27.755 | 29.158 | 27.329 | 1.02 |
| 9/14/2018 3:30 | 711000 | 65.892 | 17.323 | 148.427 | 36580.418 | 42865.887 | 27.745 | 29.149 | 27.337 | 1.02 |
| 9/14/2018 3:45 | 711900 | 65.894 | 17.323 | 148.432 | 36602.938 | 42892.027 | 27.764 | 29.167 | 27.32 | 1.02 |
| 9/14/2018 4:00 | 712800 | 65.909 | 17.323 | 148.467 | 36573.242 | 42857.398 | 27.739 | 29.143 | 27.342 | 1.02 |
| 9/14/2018 4:15 | 713700 | 65.892 | 17.323 | 148.429 | 36595.582 | 42883.992 | 27.758 | 29.161 | 27.326 | 1.02 |
| 9/14/2018 4:30 | 714600 | 65.904 | 17.322 | 148.456 | 36601.441 | 42891.203 | 27.763 | 29.166 | 27.321 | 1.02 |
| 9/14/2018 4:45 | 715500 | 65.891 | 17.323 | 148.426 | 36600.188 | 42889.148 | 27.762 | 29.165 | 27.322 | 1.02 |
| 9/14/2018 5:00 | 716400 | 65.893 | 17.323 | 148.429 | 36573.457 | 42857.984 | 27.739 | 29.143 | 27.342 | 1.02 |
| 9/14/2018 5:15 | 717300 | 65.889 | 17.323 | 148.422 | 36594.383 | 42882.082 | 27.757 | 29.16 | 27.327 | 1.02 |
| 9/14/2018 5:30 | 718200 | 65.902 | 17.323 | 148.451 | 36608.941 | 42899.477 | 27.769 | 29.172 | 27.316 | 1.02 |
| 9/14/2018 5:45 | 719100 | 65.888 | 17.323 | 148.419 | 36593.66 | 42881.742 | 27.756 | 29.16 | 27.327 | 1.02 |
| 9/14/2018 6:00 | 720000 | 65.882 | 17.323 | 148.405 | 36583.293 | 42869.512 | 27.748 | 29.151 | 27.335 | 1.02 |
| 9/14/2018 6:15 | 720900 | 65.882 | 17.323 | 148.407 | 36602.574 | 42892.188 | 27.764 | 29.167 | 27.32 | 1.02 |
| 9/14/2018 6:30 | 721800 | 65.879 | 17.323 | 148.399 | 36581.039 | 42866.711 | 27.746 | 29.149 | 27.337 | 1.02 |
| 9/14/2018 6:45 | 722700 | 65.873 | 17.323 | 148.385 | 36603.281 | 42892.844 | 27.764 | 29.167 | 27.32 | 1.02 |
| 9/14/2018 7:00 | 723600 | 65.875 | 17.323 | 148.39 | 36593.648 | 42881.559 | 27.756 | 29.159 | 27.327 | 1.02 |
| 9/14/2018 7:15 | 724500 | 65.889 | 17.323 | 148.421 | 36583.055 | 42869.07 | 27.747 | 29.151 | 27.335 | 1.02 |
| 9/14/2018 7:30 | 725400 | 65.868 | 17.323 | 148.374 | 36577.406 | 42862.613 | 27.743 | 29.147 | 27.339 | 1.02 |
| 9/14/2018 7:45 | 726300 | 65.872 | 17.323 | 148.383 | 36591.711 | 42878.871 | 27.754 | 29.158 | 27.329 | 1.02 |
| 9/14/2018 8:00 | 727200 | 65.868 | 17.323 | 148.374 | 36571.016 | 42855.035 | 27.737 | 29.141 | 27.344 | 1.02 |
| 9/14/2018 8:15 | 728100 | 65.879 | 17.323 | 148.399 | 36569.672 | 42853.391 | 27.736 | 29.14 | 27.345 | 1.02 |
| 9/14/2018 8:30 | 729000 | 65.863 | 17.323 | 148.363 | 36575.586 | 42860.391 | 27.741 | 29.145 | 27.341 | 1.02 |
| 9/14/2018 8:45 | 729900 | 65.879 | 17.323 | 148.399 | 36582.375 | 42868.273 | 27.747 | 29.15 | 27.336 | 1.02 |
| 9/14/2018 9:00 | 730800 | 65.859 | 17.323 | 148.353 | 36566.699 | 42849.977 | 27.734 | 29.138 | 27.347 | 1.02 |
| 9/14/2018 9:15 | 731700 | 65.863 | 17.323 | 148.363 | 36588.961 | 42875.648 | 27.752 | 29.155 | 27.331 | 1.02 |
| 9/14/2018 9:30 | 732600 | 65.866 | 17.323 | 148.369 | 36570.957 | 42854.633 | 27.737 | 29.141 | 27.344 | 1.02 |
| 9/14/2018 9:45 | 733500 | 65.86 | 17.323 | 148.356 | 36560.543 | 42842.43 | 27.728 | 29.133 | 27.352 | 1.02 |
| 9/14/2018 10:00 | 734400 | 65.865 | 17.323 | 148.368 | 36562.316 | 42844.598 | 27.73 | 29.134 | 27.351 | 1.02 |
| 9/14/2018 10:15 | 735300 | 65.868 | 17.323 | 148.375 | 36546.348 | 42825.625 | 27.716 | 29.121 | 27.363 | 1.02 |
| 9/14/2018 10:30 | 736200 | 65.871 | 17.323 | 148.38 | 36544.609 | 42823.529 | 27.715 | 29.12 | 27.364 | 1.02 |
| 9/14/2018 10:45 | 737100 | 65.871 | 17.323 | 148.38 | 36569.191 | 42852.563 | 27.736 | 29.14 | 27.345 | 1.02 |
| 9/14/2018 11:00 | 738000 | 65.889 | 17.323 | 148.421 | 36539.582 | 42818.199 | 27.711 | 29.116 | 27.368 | 1.02 |
| 9/14/2018 11:15 | 738900 | 65.877 | 17.323 | 148.395 | 36556.234 | 42837.805 | 27.725 | 29.13 | 27.355 | 1.02 |
| 9/14/2018 11:30 | 739800 | 65.873 | 17.323 | 148.385 | 36541.203 | 42819.766 | 27.712 | 29.117 | 27.366 | 1.02 |
| 9/14/2018 11:45 | 740700 | 65.893 | 17.323 | 148.43 | 36562.777 | 42845.137 | 27.73 | 29.135 | 27.35 | 1.02 |
| 9/14/2018 12:00 | 741600 | 65.882 | 17.323 | 148.405 | 36520.934 | 42796.012 | 27.695 | 29.101 | 27.382 | 1.02 |
| 9/14/2018 12:15 | 742500 | 65.887 | 17.323 | 148.416 | 36533.801 | 42811.426 | 27.706 | 29.112 | 27.372 | 1.02 |
| 9/14/2018 12:30 | 743400 | 65.891 | 17.323 | 148.427 | 36529.281 | 42805.883 | 27.702 | 29.108 | 27.375 | 1.02 |
| 9/14/2018 12:45 | 744300 | 65.893 | 17.323 | 148.431 | 36535.754 | 42813.715 | 27.707 | 29.113 | 27.37 | 1.02 |
| 9/14/2018 13:00 | 745200 | 65.897 | 17.323 | 148.438 | 36535.098 | 42812.945 | 27.708 | 29.113 | 27.371 | 1.02 |
| 9/14/2018 13:15 | 746100 | 65.915 | 17.323 | 148.48 | 36553.117 | 42833.816 | 27.722 | 29.127 | 27.357 | 1.02 |
| 9/14/2018 13:30 | 747000 | 65.904 | 17.323 | 148.455 | 36562.828 | 42845.441 | 27.73 | 29.135 | 27.35 | 1.02 |
| 9/14/2018 13:45 | 747900 | 65.922 | 17.322 | 148.496 | 36536.895 | 42815.398 | 27.709 | 29.114 | 27.37 | 1.02 |
| 9/14/2018 14:00 | 748800 | 65.914 | 17.323 | 148.477 | 36545.051 | 42824.441 | 27.715 | 29.121 | 27.363 | 1.02 |
| 9/14/2018 14:15 | 749700 | 65.915 | 17.323 | 148.48 | 36536.004 | 42814.008 | 27.708 | 29.114 | 27.37 | 1.02 |
| 9/14/2018 14:30 | 750600 | 65.929 | 17.323 | 148.512 | 36561.324 | 42843.512 | 27.729 | 29.134 | 27.351 | 1.02 |
| 9/14/2018 14:45 | 751500 | 65.919 | 17.323 | 148.489 | 36548.703 | 42828.555 | 27.718 | 29.123 | 27.361 | 1.02 |
| 9/14/2018 15:00 | 752400 | 65.92 | 17.323 | 148.491 | 36557.578 | 42839.289 | 27.726 | 29.131 | 27.354 | 1.02 |
| 9/14/2018 15:15 | 753300 | 65.938 | 17.323 | 148.531 | 36580.848 | 42866.727 | 27.746 | 29.149 | 27.337 | 1.02 |
| 9/14/2018 15:30 | 754200 | 65.924 | 17.323 | 148.5 | 36558.957 | 42840.832 | 27.722 | 29.132 | 27.353 | 1.02 |
| 9/14/2018 15:45 | 755100 | 65.926 | 17.323 | 148.505 | 36559.871 | 42841.73 | 27.728 | 29.132 | 27.352 | 1.02 |
| 9/14/2018 16:00 | 756000 | 65.923 | 17.323 | 148.498 | 36599.277 | 42887.816 | 27.761 | 29.164 | 27.323 | 1.02 |
| 9/14/2018 16:15 | 756900 | 65.928 | 17.323 | 148.509 | 36559.84 | 42841.773 | 27.728 | 29.132 | 27.352 | 1.02 |
| 9/14/2018 16:30 | 757800 | 65.924 | 17.323 | 148.499 | 36561.672 | 42844.176 | 27.729 | 29.134 | 27.351 | 1.02 |
| 9/14/2018 16:45 | 758700 | 65.921 | 17.323 | 148.493 | 36558.273 | 42839.688 | 27.726 | 29.131 | 27.354 | 1.02 |
| 9/14/2018 17:00 | 759600 | 65.921 | 17.323 | 148.494 | 36551.621 | 42831.727 | 27.721 | 29.126 | 27.359 | 1.02 |
| 9/14/2018 17:15 | 760500 | 65.922 | 17.323 | 148.497 | 36577.156 | 42862.32 | 27.743 | 29.146 | 27.339 | 1.02 |
| 9/14/2018 17:30 | 761400 | 65.928 | 17.323 | 148.51 | 36555.313 | 42836.301 | 27.724 | 29.129 | 27.356 | 1.02 |
| 9/14/2018 17:45 | 762300 | 65.917 | 17.323 | 148.485 | 36575.199 | 42860.109 | 27.741 | 29.145 | 27.341 | 1.02 |
| 9/14/2018 18:00 | 763200 | 65.909 | 17.323 | 148.467 | 36563.609 | 42846.445 | 27.731 | 29.136 | 27.35 | 1.02 |
| 9/14/2018 18:15 | 764100 | 65.905 | 17.323 | 148.458 | 36568.559 | 42851.91 | 27.735 | 29.139 | 27.346 | 1.02 |
| 9/14/2018 18:30 | 765000 | 65.901 | 17.323 | 148.449 | 36553.105 | 42834.047 | 27.722 | 29.127 | 27.357 | 1.02 |
| 9/14/2018 18:45 | 765900 | 65.9 | 17.323 | 148.446 | 36562.848 | 42845.465 | 27.73 | 29.135 | 27.35 | 1.02 |
| 9/14/2018 19:00 | 766800 | 65.896 | 17.323 | 148.437 | 36597.219 | | | | | |

| | | | | | | | | | | |
|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/15/2018 17:15 | 846900 | 65.896 | 17.323 | 148.437 | 36586.18 | 42872.391 | 27.75 | 29.153 | 27.333 | 1.02 |
| 9/15/2018 17:30 | 847800 | 65.894 | 17.324 | 148.432 | 36585.211 | 42870.918 | 27.749 | 29.152 | 27.333 | 1.02 |
| 9/15/2018 17:45 | 848700 | 65.893 | 17.323 | 148.429 | 36620.109 | 42911.98 | 27.778 | 29.148 | 27.307 | 1.02 |
| 9/15/2018 18:00 | 849600 | 65.901 | 17.324 | 148.448 | 36573.465 | 42857.152 | 27.739 | 29.143 | 27.342 | 1.02 |
| 9/15/2018 18:15 | 850500 | 65.898 | 17.323 | 148.419 | 36577.531 | 42862.426 | 27.743 | 29.146 | 27.339 | 1.02 |
| 9/15/2018 18:30 | 851400 | 65.886 | 17.323 | 148.414 | 36585.844 | 42872.074 | 27.775 | 29.153 | 27.333 | 1.02 |
| 9/15/2018 18:45 | 852300 | 65.884 | 17.323 | 148.409 | 36607.984 | 42897.777 | 27.768 | 29.17 | 27.316 | 1.02 |
| 9/15/2018 19:00 | 853200 | 65.881 | 17.323 | 148.403 | 36610.973 | 42901.523 | 27.771 | 29.173 | 27.314 | 1.02 |
| 9/15/2018 19:15 | 854100 | 65.876 | 17.323 | 148.393 | 36593.094 | 42880.738 | 27.756 | 29.159 | 27.328 | 1.02 |
| 9/15/2018 19:30 | 855000 | 65.871 | 17.323 | 148.38 | 36578.926 | 42864.395 | 27.744 | 29.148 | 27.338 | 1.02 |
| 9/15/2018 19:45 | 855900 | 65.864 | 17.323 | 148.365 | 36614.582 | 42905.504 | 27.774 | 29.176 | 27.312 | 1.02 |
| 9/15/2018 20:00 | 856800 | 65.864 | 17.323 | 148.365 | 36597.688 | 42886.289 | 27.76 | 29.163 | 27.324 | 1.02 |
| 9/15/2018 20:15 | 857700 | 65.858 | 17.323 | 148.352 | 36609.277 | 42899.535 | 27.769 | 29.172 | 27.315 | 1.02 |
| 9/15/2018 20:30 | 858600 | 65.858 | 17.323 | 148.353 | 36606.66 | 42896.219 | 27.767 | 29.169 | 27.317 | 1.02 |
| 9/15/2018 20:45 | 859500 | 65.85 | 17.324 | 148.333 | 36606.176 | 42895.484 | 27.766 | 29.169 | 27.318 | 1.02 |
| 9/15/2018 21:00 | 860400 | 65.848 | 17.323 | 148.329 | 36606.801 | 42896.387 | 27.767 | 29.17 | 27.317 | 1.02 |
| 9/15/2018 21:15 | 861300 | 65.839 | 17.323 | 148.308 | 36607.965 | 42897.918 | 27.768 | 29.171 | 27.316 | 1.02 |
| 9/15/2018 21:30 | 862200 | 65.834 | 17.323 | 148.298 | 36610.191 | 42900.359 | 27.77 | 29.172 | 27.315 | 1.02 |
| 9/15/2018 21:45 | 863100 | 65.837 | 17.323 | 148.305 | 36602.633 | 42891.668 | 27.764 | 29.166 | 27.32 | 1.02 |
| 9/15/2018 22:00 | 864000 | 65.828 | 17.324 | 148.284 | 36601.07 | 42889.59 | 27.762 | 29.165 | 27.322 | 1.02 |
| 9/15/2018 22:15 | 864900 | 65.829 | 17.324 | 148.286 | 36598.109 | 42886.121 | 27.76 | 29.163 | 27.324 | 1.02 |
| 9/15/2018 22:30 | 865800 | 65.823 | 17.323 | 148.273 | 36604.184 | 42893.566 | 27.765 | 29.168 | 27.319 | 1.02 |
| 9/15/2018 22:45 | 866700 | 65.834 | 17.324 | 148.297 | 36596.961 | 42884.438 | 27.758 | 29.161 | 27.325 | 1.02 |
| 9/15/2018 23:00 | 867600 | 65.836 | 17.323 | 148.301 | 36572.547 | 42856.664 | 27.738 | 29.143 | 27.343 | 1.02 |
| 9/15/2018 23:15 | 868500 | 65.818 | 17.323 | 148.261 | 36603.012 | 42892.113 | 27.764 | 29.167 | 27.32 | 1.02 |
| 9/15/2018 23:30 | 869400 | 65.826 | 17.324 | 148.28 | 36592.035 | 42878.836 | 27.754 | 29.158 | 27.328 | 1.02 |
| 9/15/2018 23:45 | 870300 | 65.81 | 17.323 | 148.244 | 36618.258 | 42909.891 | 27.777 | 29.179 | 27.309 | 1.02 |
| 9/16/2018 0:00 | 871200 | 65.809 | 17.323 | 148.242 | 36605.641 | 42895.195 | 27.766 | 29.169 | 27.318 | 1.02 |
| 9/16/2018 0:15 | 872100 | 65.812 | 17.324 | 148.248 | 36599.18 | 42887.375 | 27.761 | 29.163 | 27.323 | 1.02 |
| 9/16/2018 0:30 | 873000 | 65.81 | 17.324 | 148.244 | 36603.891 | 42892.895 | 27.765 | 29.167 | 27.319 | 1.02 |
| 9/16/2018 0:45 | 873900 | 65.806 | 17.323 | 148.234 | 36615.055 | 42906.059 | 27.774 | 29.176 | 27.311 | 1.02 |
| 9/16/2018 1:00 | 874800 | 65.824 | 17.324 | 148.275 | 36611.652 | 42901.652 | 27.771 | 29.173 | 27.314 | 1.02 |
| 9/16/2018 1:15 | 875700 | 65.807 | 17.323 | 148.236 | 36619.16 | 42910.867 | 27.777 | 29.179 | 27.308 | 1.02 |
| 9/16/2018 1:30 | 876600 | 65.823 | 17.323 | 148.273 | 36604.355 | 42893.688 | 27.765 | 29.168 | 27.319 | 1.02 |
| 9/16/2018 1:45 | 877500 | 65.824 | 17.324 | 148.275 | 36622.691 | 42914.668 | 27.778 | 29.182 | 27.305 | 1.02 |
| 9/16/2018 2:00 | 878400 | 65.825 | 17.324 | 148.278 | 36596.094 | 42883.672 | 27.758 | 29.161 | 27.325 | 1.02 |
| 9/16/2018 2:15 | 879300 | 65.815 | 17.324 | 148.254 | 36618.332 | 42909.73 | 27.777 | 29.179 | 27.309 | 1.02 |
| 9/16/2018 2:30 | 880200 | 65.82 | 17.324 | 148.266 | 36616.352 | 42907.41 | 27.775 | 29.177 | 27.31 | 1.02 |
| 9/16/2018 2:45 | 881100 | 65.821 | 17.323 | 148.268 | 36596.152 | 42884.074 | 27.758 | 29.161 | 27.325 | 1.02 |
| 9/16/2018 3:00 | 882000 | 65.821 | 17.323 | 148.269 | 36611.258 | 42901.945 | 27.771 | 29.173 | 27.314 | 1.02 |
| 9/16/2018 3:15 | 882900 | 65.822 | 17.323 | 148.271 | 36631.738 | 42925.777 | 27.788 | 29.19 | 27.299 | 1.02 |
| 9/16/2018 3:30 | 883800 | 65.822 | 17.324 | 148.27 | 36635.68 | 42929.719 | 27.791 | 29.192 | 27.296 | 1.02 |
| 9/16/2018 3:45 | 884700 | 65.841 | 17.324 | 148.314 | 36598.543 | 42886.539 | 27.76 | 29.163 | 27.323 | 1.02 |
| 9/16/2018 4:00 | 885600 | 65.826 | 17.323 | 148.278 | 36606.344 | 42896.02 | 27.767 | 29.169 | 27.318 | 1.02 |
| 9/16/2018 4:15 | 886500 | 65.829 | 17.324 | 148.286 | 36609.336 | 42899.016 | 27.769 | 29.171 | 27.315 | 1.02 |
| 9/16/2018 4:30 | 887400 | 65.827 | 17.324 | 148.282 | 36611.418 | 42901.715 | 27.771 | 29.173 | 27.314 | 1.02 |
| 9/16/2018 4:45 | 888300 | 65.835 | 17.323 | 148.299 | 36633.594 | 42927.863 | 27.79 | 29.191 | 27.297 | 1.02 |
| 9/16/2018 5:00 | 889200 | 65.837 | 17.323 | 148.305 | 36593.578 | 42880.891 | 27.756 | 29.159 | 27.327 | 1.02 |
| 9/16/2018 5:15 | 890100 | 65.85 | 17.323 | 148.335 | 36612.789 | 42903.484 | 27.772 | 29.174 | 27.313 | 1.02 |
| 9/16/2018 5:30 | 891000 | 65.839 | 17.323 | 148.308 | 36633.926 | 42928.28 | 27.79 | 29.191 | 27.297 | 1.02 |
| 9/16/2018 5:45 | 891900 | 65.846 | 17.323 | 148.326 | 36636.305 | 42931.207 | 27.792 | 29.193 | 27.295 | 1.02 |
| 9/16/2018 6:00 | 892800 | 65.843 | 17.323 | 148.318 | 36620.813 | 42912.973 | 27.779 | 29.181 | 27.307 | 1.02 |
| 9/16/2018 6:15 | 893700 | 65.854 | 17.324 | 148.343 | 36638.875 | 42933.891 | 27.794 | 29.195 | 27.293 | 1.02 |
| 9/16/2018 6:30 | 894600 | 65.841 | 17.324 | 148.312 | 36609.359 | 42899.137 | 27.769 | 29.171 | 27.315 | 1.02 |
| 9/16/2018 6:45 | 895500 | 65.844 | 17.323 | 148.32 | 36627.578 | 42920.813 | 27.785 | 29.186 | 27.302 | 1.02 |
| 9/16/2018 7:00 | 896400 | 65.84 | 17.324 | 148.311 | 36638.836 | 42933.758 | 27.794 | 29.195 | 27.293 | 1.02 |
| 9/16/2018 7:15 | 897300 | 65.842 | 17.323 | 148.315 | 36642.344 | 42938.203 | 27.797 | 29.198 | 27.291 | 1.02 |
| 9/16/2018 7:30 | 898200 | 65.84 | 17.323 | 148.311 | 36638.352 | 42933.523 | 27.794 | 29.195 | 27.294 | 1.02 |
| 9/16/2018 7:45 | 899100 | 65.853 | 17.323 | 148.339 | 36640.316 | 42935.66 | 27.795 | 29.196 | 27.292 | 1.02 |
| 9/16/2018 8:00 | 900000 | 65.833 | 17.323 | 148.295 | 36629.855 | 42923.402 | 27.786 | 29.188 | 27.3 | 1.02 |
| 9/16/2018 8:15 | 900900 | 65.838 | 17.324 | 148.306 | 36632.586 | 42926.52 | 27.789 | 29.19 | 27.298 | 1.02 |
| 9/16/2018 8:30 | 901800 | 65.835 | 17.323 | 148.3 | 36621.645 | 42913.949 | 27.78 | 29.181 | 27.306 | 1.02 |
| 9/16/2018 8:45 | 902700 | 65.833 | 17.323 | 148.295 | 36627.379 | 42920.578 | 27.784 | 29.186 | 27.302 | 1.02 |
| 9/16/2018 9:00 | 903600 | 65.844 | 17.323 | 148.321 | 36618.5 | 42910.512 | 27.777 | 29.179 | 27.309 | 1.02 |
| 9/16/2018 9:15 | 904500 | 65.834 | 17.323 | 148.297 | 36610.008 | 42900.391 | 27.77 | 29.172 | 27.315 | 1.02 |
| 9/16/2018 9:30 | 905400 | 65.848 | 17.323 | 148.328 | 36613.738 | 42904.684 | 27.773 | 29.175 | 27.312 | 1.02 |
| 9/16/2018 9:45 | 906300 | 65.84 | 17.324 | 148.312 | 36590.035 | 42876.66 | 27.753 | 29.156 | 27.33 | 1.02 |
| 9/16/2018 10:00 | 907200 | 65.829 | 17.323 | 148.286 | 36573.184 | 42857.332 | 27.739 | 29.143 | 27.342 | 1.02 |
| 9/16/2018 10:15 | 908100 | 65.831 | 17.323 | 148.29 | 36600.719 | 42889.508 | 27.762 | 29.165 | 27.322 | 1.02 |
| 9/16/2018 10:30 | 909000 | 65.826 | 17.323 | 148.28 | 36602.531 | 42891.383 | 27.763 | 29.166 | 27.321 | 1.02 |
| 9/16/2018 10:45 | 909900 | 65.829 | 17.323 | 148.286 | 36581.992 | 42867.828 | 27.746 | 29.15 | 27.336 | 1.02 |
| 9/16/2018 11:00 | 910800 | 65.831 | 17.323 | 148.29 | 36601.23 | 42890.027 | 27.762 | 29.165 | 27.321 | 1.02 |
| 9/16/2018 11:15 | 911700 | 65.828 | 17.324 | 148.285 | 36585.375 | 42871.031 | 27.749 | 29.152 | 27.333 | 1.02 |
| 9/16/2018 11:30 | 912600 | 65.84 | 17.323 | 148.31 | 36604.355 | 42893.77 | 27.765 | 29.168 | 27.319 | 1.02 |
| 9/16/2018 11:45 | 913500 | 65.829 | 17.323 | 148.286 | 36585.074 | 42871.094 | 27.749 | 29.152 | 27.334 | 1.02 |
| 9/16/2018 12:00 | 914400 | 65.833 | 17.324 | 148.295 | 36588.086 | 42874.207 | 27.751 | 29.154 | 27.331 | 1.02 |
| 9/16/2018 12:15 | 915300 | 65.844 | 17.324 | 148.32 | 36587 | 42873.102 | 27.75 | 29.154 | 27.332 | 1.02 |
| 9/16/2018 12:30 | 916200 | 65.831 | 17.323 | 148.29 | 36573.641 | 42857.945 | 27.739 | 29.143 | 27.342 | 1.02 |
| 9/16/2018 12:45 | 917100 | 65.833 | 17.323 | 148.295 | 36586.508 | 42872.945 | 27.75 | 29.154 | 27.332 | 1.02 |
| 9/16/2018 13:00 | 918000 | 65.831 | 17.324 | 148.291 | 36604.684 | 42893.656 | 27.765 | 29.168 | 27.319 | 1.02 |
| 9/16/2018 13:15 | 918900 | 65.85 | 17.324 | 148.333 | 36592.199 | 42879.195 | 27.755 | 29.158 | 27.328 | 1.02 |
| 9/16/2018 13:30 | 919800 | 65.836 | 17.323 | 148.302 | 36575.891 | 42860.164 | 27.741 | 29.145 | 27.34 | 1.02 |
| 9/16/2018 13:45 | 920700 | 65.841 | 17.323 | 148.312 | 36573.082 | 42856.875 | 27.739 | 29.143 | 27.343 | 1.02 |
| 9/16/2018 14:00 | 921600 | 65.846 | 17.323 | 148.324 | 36598.734 | 42887.184 | 27.76 | 29.163 | 27.323 | 1.02 |
| 9/16/2018 14:15 | 922500 | 65.844 | 17.323 | 148.32 | 36601.715 | 42890.594 | 27.763 | 29.166 | 27.321 | 1.02 |
| 9/16/2018 14:30 | 923400 | 65.858 | 17.323 | 148.353 | 36599.375 | 42888.023 | 27.761 | 29.164 | 27.323 | 1.02 |
| 9/16/2018 14:45 | 924300 | 65.866 | 17.324 | 148.37 | 36585.461 | 42871.297 | 27.749 | 29.152 | 27.333 | 1.02 |
| 9/16/2018 15:00 | 925200 | 65.853 | 17.323 | 148.341 | 36570.195 | 42853.656 | 27.736 | 29.14 | 27.345 | 1.02 |
| 9/16/2018 15:15 | 926100 | 65.871 | 17.323 | 148.38 | 36604.27 | 42893.5 | 27.765 | 29.168 | 27.319 | 1.02 |
| | | | | | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/17/2018 13:45 | 1007100 | 65.812 | 17.323 | 148.249 | 36602.465 | 42891.473 | 27.763 | 29.166 | 27.321 | 1.02 |
| 9/17/2018 14:00 | 1008000 | 65.815 | 17.323 | 148.256 | 36612.352 | 42903.305 | 27.772 | 29.174 | 27.313 | 1.02 |
| 9/17/2018 14:15 | 1008900 | 65.834 | 17.324 | 148.298 | 36597.172 | 42885.02 | 27.759 | 29.162 | 27.325 | 1.02 |
| 9/17/2018 14:30 | 1009800 | 65.83 | 17.323 | 148.289 | 36592.473 | 42879.594 | 27.755 | 29.158 | 27.328 | 1.02 |
| 9/17/2018 14:45 | 1010700 | 65.823 | 17.323 | 148.273 | 36615.039 | 42906.207 | 27.774 | 29.176 | 27.311 | 1.02 |
| 9/17/2018 15:00 | 1011600 | 65.824 | 17.323 | 148.276 | 36599.816 | 42888.281 | 27.761 | 29.164 | 27.323 | 1.02 |
| 9/17/2018 15:15 | 1012500 | 65.822 | 17.323 | 148.271 | 36606.02 | 42895.551 | 27.766 | 29.169 | 27.318 | 1.02 |
| 9/17/2018 15:30 | 1013400 | 65.822 | 17.323 | 148.271 | 36597.492 | 42885.559 | 27.759 | 29.162 | 27.324 | 1.02 |
| 9/17/2018 15:45 | 1014300 | 65.826 | 17.323 | 148.28 | 36611.809 | 42903.008 | 27.772 | 29.174 | 27.314 | 1.02 |
| 9/17/2018 16:00 | 1015200 | 65.828 | 17.323 | 148.285 | 36618.246 | 42910.215 | 27.777 | 29.179 | 27.309 | 1.02 |
| 9/17/2018 16:15 | 1016100 | 65.845 | 17.323 | 148.323 | 36619.895 | 42912.313 | 27.778 | 29.18 | 27.308 | 1.02 |
| 9/17/2018 16:30 | 1017000 | 65.849 | 17.323 | 148.33 | 36606.727 | 42896.379 | 27.767 | 29.17 | 27.317 | 1.02 |
| 9/17/2018 16:45 | 1017900 | 65.833 | 17.323 | 148.295 | 36629.762 | 42923.629 | 27.787 | 29.188 | 27.3 | 1.02 |
| 9/17/2018 17:00 | 1018800 | 65.836 | 17.323 | 148.302 | 36595.07 | 42883.055 | 27.757 | 29.16 | 27.326 | 1.02 |
| 9/17/2018 17:15 | 1019700 | 65.854 | 17.323 | 148.343 | 36607.5 | 42897.789 | 27.768 | 29.17 | 27.317 | 1.02 |
| 9/17/2018 17:30 | 1020600 | 65.84 | 17.323 | 148.312 | 36635.805 | 42930.887 | 27.792 | 29.193 | 27.296 | 1.02 |
| 9/17/2018 17:45 | 1021500 | 65.843 | 17.323 | 148.317 | 36621.469 | 42913.914 | 27.778 | 29.181 | 27.306 | 1.02 |
| 9/17/2018 18:00 | 1022400 | 65.857 | 17.323 | 148.348 | 36611.023 | 42901.332 | 27.771 | 29.173 | 27.314 | 1.02 |
| 9/17/2018 18:15 | 1023300 | 65.843 | 17.323 | 148.318 | 36604.855 | 42894.781 | 27.766 | 29.168 | 27.319 | 1.02 |
| 9/17/2018 18:30 | 1024200 | 65.843 | 17.323 | 148.318 | 36597.48 | 42885.879 | 27.759 | 29.162 | 27.324 | 1.02 |
| 9/17/2018 18:45 | 1025100 | 65.861 | 17.323 | 148.359 | 36621.855 | 42914.027 | 27.78 | 29.182 | 27.306 | 1.02 |
| 9/17/2018 19:00 | 1026000 | 65.845 | 17.323 | 148.322 | 36627.734 | 42921.082 | 27.785 | 29.186 | 27.302 | 1.02 |
| 9/17/2018 19:15 | 1026900 | 65.844 | 17.324 | 148.321 | 36619.781 | 42911.516 | 27.778 | 29.18 | 27.308 | 1.02 |
| 9/17/2018 19:30 | 1027800 | 65.843 | 17.323 | 148.319 | 36609.129 | 42899.281 | 27.769 | 29.172 | 27.316 | 1.02 |
| 9/17/2018 19:45 | 1028700 | 65.843 | 17.323 | 148.317 | 36590.211 | 42877.195 | 27.753 | 29.156 | 27.33 | 1.02 |
| 9/17/2018 20:00 | 1029600 | 65.841 | 17.323 | 148.314 | 36646.609 | 42943.547 | 27.801 | 29.202 | 27.288 | 1.02 |
| 9/17/2018 20:15 | 1030500 | 65.848 | 17.323 | 148.329 | 36639.656 | 42935.055 | 27.795 | 29.196 | 27.293 | 1.02 |
| 9/17/2018 20:30 | 1031400 | 65.851 | 17.323 | 148.335 | 36603.91 | 42893.164 | 27.765 | 29.167 | 27.319 | 1.02 |
| 9/17/2018 20:45 | 1032300 | 65.831 | 17.323 | 148.291 | 36625.563 | 42918.453 | 27.783 | 29.185 | 27.303 | 1.02 |
| 9/17/2018 21:00 | 1033200 | 65.827 | 17.323 | 148.282 | 36613.25 | 42904.191 | 27.773 | 29.175 | 27.313 | 1.02 |
| 9/17/2018 21:15 | 1034100 | 65.826 | 17.323 | 148.28 | 36635.652 | 42930.363 | 27.791 | 29.193 | 27.296 | 1.02 |
| 9/17/2018 21:30 | 1035000 | 65.825 | 17.323 | 148.276 | 36610.141 | 42900.547 | 27.77 | 29.172 | 27.315 | 1.02 |
| 9/17/2018 21:45 | 1035900 | 65.82 | 17.323 | 148.266 | 36636.887 | 42932.227 | 27.793 | 29.194 | 27.295 | 1.02 |
| 9/17/2018 22:00 | 1036800 | 65.818 | 17.323 | 148.261 | 36625.301 | 42918.145 | 27.783 | 29.184 | 27.304 | 1.02 |
| 9/17/2018 22:15 | 1037700 | 65.825 | 17.323 | 148.277 | 36623.695 | 42916.352 | 27.781 | 29.183 | 27.305 | 1.02 |
| 9/17/2018 22:30 | 1038600 | 65.809 | 17.323 | 148.242 | 36586.297 | 42872.605 | 27.75 | 29.153 | 27.333 | 1.02 |
| 9/17/2018 22:45 | 1039500 | 65.804 | 17.323 | 148.231 | 36613.484 | 42904.465 | 27.773 | 29.175 | 27.312 | 1.02 |
| 9/17/2018 23:00 | 1040400 | 65.804 | 17.323 | 148.23 | 36621.34 | 42913.762 | 27.779 | 29.181 | 27.306 | 1.02 |
| 9/17/2018 23:15 | 1041300 | 65.795 | 17.323 | 148.209 | 36621.051 | 42913.25 | 27.779 | 29.181 | 27.307 | 1.02 |
| 9/17/2018 23:30 | 1042200 | 65.791 | 17.324 | 148.202 | 36610.82 | 42900.926 | 27.77 | 29.173 | 27.314 | 1.02 |
| 9/17/2018 23:45 | 1043100 | 65.801 | 17.323 | 148.224 | 36620.578 | 42912.699 | 27.779 | 29.181 | 27.307 | 1.02 |
| 9/18/2018 0:00 | 1044000 | 65.787 | 17.323 | 148.193 | 36631.109 | 42925.625 | 27.788 | 29.189 | 27.299 | 1.02 |
| 9/18/2018 0:15 | 1044900 | 65.786 | 17.324 | 148.188 | 36628.402 | 42921.449 | 27.785 | 29.187 | 27.301 | 1.02 |
| 9/18/2018 0:30 | 1045800 | 65.779 | 17.324 | 148.173 | 36635.035 | 42929.223 | 27.791 | 29.192 | 27.296 | 1.02 |
| 9/18/2018 0:45 | 1046700 | 65.781 | 17.324 | 148.178 | 36601.711 | 42890.254 | 27.763 | 29.165 | 27.321 | 1.02 |
| 9/18/2018 1:00 | 1047600 | 65.772 | 17.324 | 148.158 | 36626.941 | 42919.648 | 27.784 | 29.185 | 27.302 | 1.02 |
| 9/18/2018 1:15 | 1048500 | 65.773 | 17.324 | 148.161 | 36644 | 42939.637 | 27.798 | 29.199 | 27.29 | 1.02 |
| 9/18/2018 1:30 | 1049400 | 65.768 | 17.324 | 148.149 | 36611.117 | 42900.773 | 27.77 | 29.173 | 27.314 | 1.02 |
| 9/18/2018 1:45 | 1050300 | 65.769 | 17.323 | 148.152 | 36647.918 | 42944.648 | 27.802 | 29.202 | 27.287 | 1.02 |
| 9/18/2018 2:00 | 1051200 | 65.786 | 17.324 | 148.188 | 36607.129 | 42896.52 | 27.767 | 29.17 | 27.317 | 1.02 |
| 9/18/2018 2:15 | 1052100 | 65.767 | 17.324 | 148.146 | 36617.008 | 42908.008 | 27.775 | 29.177 | 27.31 | 1.02 |
| 9/18/2018 2:30 | 1053000 | 65.771 | 17.324 | 148.156 | 36624.113 | 42916.422 | 27.781 | 29.183 | 27.304 | 1.02 |
| 9/18/2018 2:45 | 1053900 | 65.768 | 17.323 | 148.15 | 36610.555 | 42901.031 | 27.77 | 29.173 | 27.315 | 1.02 |
| 9/18/2018 3:00 | 1054800 | 65.78 | 17.324 | 148.176 | 36618.176 | 42909.207 | 27.776 | 29.178 | 27.309 | 1.02 |
| 9/18/2018 3:15 | 1055700 | 65.771 | 17.323 | 148.155 | 36618.59 | 42910.281 | 27.777 | 29.179 | 27.309 | 1.02 |
| 9/18/2018 3:30 | 1056600 | 65.786 | 17.324 | 148.19 | 36602.848 | 42891.414 | 27.763 | 29.166 | 27.32 | 1.02 |
| 9/18/2018 3:45 | 1057500 | 65.772 | 17.324 | 148.159 | 36613.352 | 42903.723 | 27.772 | 29.175 | 27.312 | 1.02 |
| 9/18/2018 4:00 | 1058400 | 65.786 | 17.324 | 148.188 | 36619.66 | 42911.285 | 27.778 | 29.18 | 27.308 | 1.02 |
| 9/18/2018 4:15 | 1059300 | 65.776 | 17.324 | 148.168 | 36631.621 | 42924.965 | 27.788 | 29.189 | 27.299 | 1.02 |
| 9/18/2018 4:30 | 1060200 | 65.792 | 17.324 | 148.203 | 36629.004 | 42922.234 | 27.786 | 29.187 | 27.301 | 1.02 |
| 9/18/2018 4:45 | 1061100 | 65.795 | 17.324 | 148.209 | 36622.891 | 42914.902 | 27.78 | 29.182 | 27.305 | 1.02 |
| 9/18/2018 5:00 | 1062000 | 65.783 | 17.324 | 148.183 | 36634.547 | 42928.73 | 27.79 | 29.192 | 27.297 | 1.02 |
| 9/18/2018 5:15 | 1062900 | 65.786 | 17.323 | 148.19 | 36623.75 | 42916.246 | 27.781 | 29.183 | 27.305 | 1.02 |
| 9/18/2018 5:30 | 1063800 | 65.79 | 17.324 | 148.198 | 36615.898 | 42906.707 | 27.774 | 29.177 | 27.311 | 1.02 |
| 9/18/2018 5:45 | 1064700 | 65.791 | 17.324 | 148.2 | 36608.375 | 42898.148 | 27.768 | 29.171 | 27.316 | 1.02 |
| 9/18/2018 6:00 | 1065600 | 65.791 | 17.324 | 148.2 | 36610.844 | 42900.957 | 27.77 | 29.173 | 27.314 | 1.02 |
| 9/18/2018 6:15 | 1066500 | 65.798 | 17.324 | 148.216 | 36621.355 | 42913.191 | 27.779 | 29.181 | 27.306 | 1.02 |
| 9/18/2018 6:30 | 1067400 | 65.797 | 17.324 | 148.215 | 36620.875 | 42912.539 | 27.779 | 29.181 | 27.307 | 1.02 |
| 9/18/2018 6:45 | 1068300 | 65.798 | 17.323 | 148.217 | 36632.098 | 42926.367 | 27.785 | 29.19 | 27.298 | 1.02 |
| 9/18/2018 7:00 | 1069200 | 65.805 | 17.324 | 148.232 | 36616.008 | 42906.926 | 27.789 | 29.177 | 27.31 | 1.02 |
| 9/18/2018 7:15 | 1070100 | 65.82 | 17.324 | 148.266 | 36629.965 | 42923.191 | 27.786 | 29.188 | 27.3 | 1.02 |
| 9/18/2018 7:30 | 1071000 | 65.807 | 17.324 | 148.238 | 36615.773 | 42906.395 | 27.774 | 29.176 | 27.311 | 1.02 |
| 9/18/2018 7:45 | 1071900 | 65.809 | 17.324 | 148.242 | 36658.938 | 42957.063 | 27.811 | 29.211 | 27.278 | 1.02 |
| 9/18/2018 8:00 | 1072800 | 65.824 | 17.323 | 148.242 | 36614.555 | 42905.473 | 27.774 | 29.176 | 27.312 | 1.02 |
| 9/18/2018 8:15 | 1073700 | 65.823 | 17.324 | 148.273 | 36606.09 | 42895.473 | 27.764 | 29.169 | 27.318 | 1.02 |
| 9/18/2018 8:30 | 1074600 | 65.814 | 17.324 | 148.252 | 36639.34 | 42934.098 | 27.796 | 29.195 | 27.293 | 1.02 |
| 9/18/2018 8:45 | 1075500 | 65.817 | 17.323 | 148.259 | 36640.32 | 42935.746 | 27.795 | 29.196 | 27.292 | 1.02 |
| 9/18/2018 9:00 | 1076400 | 65.815 | 17.324 | 148.255 | 36640.133 | 42935.277 | 27.795 | 29.196 | 27.292 | 1.02 |
| 9/18/2018 9:15 | 1077300 | 65.815 | 17.324 | 148.256 | 36640.289 | 42935.289 | 27.795 | 29.196 | 27.292 | 1.02 |
| 9/18/2018 9:30 | 1078200 | 65.829 | 17.323 | 148.286 | 36615.203 | 42906.398 | 27.774 | 29.176 | 27.311 | 1.02 |
| 9/18/2018 9:45 | 1079100 | 65.831 | 17.324 | 148.292 | 36638.117 | 42933 | 27.793 | 29.194 | 27.294 | 1.02 |
| 9/18/2018 10:00 | 1080000 | 65.831 | 17.324 | 148.291 | 36631.652 | 42925.258 | 27.788 | 29.189 | 27.299 | 1.02 |
| 9/18/2018 10:15 | 1080900 | 65.818 | 17.324 | 148.261 | 36627.754 | 42920.859 | 27.785 | 29.186 | 27.302 | 1.02 |
| 9/18/2018 10:30 | 1081800 | 65.832 | 17.324 | 148.293 | 36621.773 | 42913.684 | 27.789 | 29.181 | 27.306 | 1.02 |
| 9/18/2018 10:45 | 1082700 | 65.827 | 17.324 | 148.281 | 36635.711 | 42929.926 | 27.791 | 29.192 | 27.296 | 1.02 |
| 9/18/2018 11:00 | 1083600 | 65.817 | 17.324 | 148.259 | 36629.23 | 42922.254 | 27.786 | 29.187 | 27.301 | 1.02 |
| 9/18/2018 11:15 | 1084500 | 65.828 | 17.324 | 148.283 | 36623.391 | 42915.578 | 27.781 | 29.183 | 27.305 | 1.02 |
| 9/18/2018 11:30 | 1085400 | 65.817 | 17.324 | 148.259 | 36623.77 | 42915.852 | 27.781 | 29.183 | 27.305 | 1.02 |
| 9/18/2018 11:45 | 1086300 | 65.833 | 17. | | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/19/2018 10:15 | 1167300 | 65.817 | 17.324 | 148.26 | 36646.926 | 42943.156 | 27.801 | 29.201 | 27.287 | 1.02 |
| 9/19/2018 10:30 | 1168200 | 65.83 | 17.324 | 148.289 | 36620.406 | 42911.66 | 27.778 | 29.18 | 27.307 | 1.02 |
| 9/19/2018 10:45 | 1169100 | 65.816 | 17.324 | 148.258 | 36616.934 | 42907.422 | 27.775 | 29.177 | 27.31 | 1.02 |
| 9/19/2018 11:00 | 1170000 | 65.822 | 17.324 | 148.27 | 36626.578 | 42918.637 | 27.783 | 29.185 | 27.303 | 1.02 |
| 9/19/2018 11:15 | 1170900 | 65.832 | 17.324 | 148.293 | 36630.398 | 42923.621 | 27.787 | 29.188 | 27.3 | 1.02 |
| 9/19/2018 11:30 | 1171800 | 65.82 | 17.325 | 148.267 | 36641.652 | 42936.125 | 27.796 | 29.197 | 27.291 | 1.02 |
| 9/19/2018 11:45 | 1172700 | 65.817 | 17.324 | 148.26 | 36618.621 | 42909.402 | 27.776 | 29.178 | 27.309 | 1.02 |
| 9/19/2018 12:00 | 1173600 | 65.815 | 17.325 | 148.254 | 36626.758 | 42918.672 | 27.783 | 29.185 | 27.302 | 1.02 |
| 9/19/2018 12:15 | 1174500 | 65.816 | 17.324 | 148.257 | 36630.289 | 42922.984 | 27.786 | 29.188 | 27.3 | 1.02 |
| 9/19/2018 12:30 | 1175400 | 65.812 | 17.324 | 148.248 | 36621.672 | 42913.395 | 27.779 | 29.181 | 27.306 | 1.02 |
| 9/19/2018 12:45 | 1176300 | 65.812 | 17.324 | 148.248 | 36625.082 | 42916.973 | 27.782 | 29.184 | 27.304 | 1.02 |
| 9/19/2018 13:00 | 1177200 | 65.811 | 17.324 | 148.247 | 36599.387 | 42886.773 | 27.776 | 29.163 | 27.323 | 1.02 |
| 9/19/2018 13:15 | 1178100 | 65.826 | 17.324 | 148.279 | 36615.125 | 42905.379 | 27.774 | 29.176 | 27.311 | 1.02 |
| 9/19/2018 13:30 | 1179000 | 65.813 | 17.324 | 148.249 | 36618.66 | 42909.613 | 27.777 | 29.179 | 27.308 | 1.02 |
| 9/19/2018 13:45 | 1179900 | 65.808 | 17.324 | 148.239 | 36620.383 | 42911.883 | 27.778 | 29.18 | 27.307 | 1.02 |
| 9/19/2018 14:00 | 1180800 | 65.826 | 17.325 | 148.279 | 36616.918 | 42907.141 | 27.775 | 29.177 | 27.31 | 1.02 |
| 9/19/2018 14:15 | 1181700 | 65.81 | 17.324 | 148.244 | 36609.043 | 42898.09 | 27.768 | 29.171 | 27.316 | 1.02 |
| 9/19/2018 14:30 | 1182600 | 65.823 | 17.324 | 148.273 | 36631.859 | 42924.824 | 27.788 | 29.189 | 27.299 | 1.02 |
| 9/19/2018 14:45 | 1183500 | 65.812 | 17.324 | 148.248 | 36627.137 | 42919.453 | 27.784 | 29.185 | 27.302 | 1.02 |
| 9/19/2018 15:00 | 1184400 | 65.825 | 17.324 | 148.277 | 36622.609 | 42914.242 | 27.778 | 29.182 | 27.306 | 1.02 |
| 9/19/2018 15:15 | 1185300 | 65.808 | 17.325 | 148.24 | 36617.406 | 42907.465 | 27.775 | 29.177 | 27.309 | 1.02 |
| 9/19/2018 15:30 | 1186200 | 65.814 | 17.324 | 148.252 | 36626.773 | 42919.121 | 27.783 | 29.185 | 27.302 | 1.02 |
| 9/19/2018 15:45 | 1187100 | 65.827 | 17.324 | 148.282 | 36621.398 | 42912.73 | 27.779 | 29.181 | 27.306 | 1.02 |
| 9/19/2018 16:00 | 1188000 | 65.813 | 17.324 | 148.249 | 36628.355 | 42920.977 | 27.785 | 29.186 | 27.301 | 1.02 |
| 9/19/2018 16:15 | 1188900 | 65.813 | 17.324 | 148.251 | 36627.488 | 42919.703 | 27.784 | 29.185 | 27.302 | 1.02 |
| 9/19/2018 16:30 | 1189800 | 65.82 | 17.325 | 148.265 | 36617.414 | 42907.723 | 27.775 | 29.177 | 27.309 | 1.02 |
| 9/19/2018 16:45 | 1190700 | 65.833 | 17.325 | 148.296 | 36630.938 | 42923.406 | 27.787 | 29.188 | 27.299 | 1.02 |
| 9/19/2018 17:00 | 1191600 | 65.838 | 17.324 | 148.306 | 36618.656 | 42909.27 | 27.776 | 29.178 | 27.308 | 1.02 |
| 9/19/2018 17:15 | 1192500 | 65.827 | 17.324 | 148.282 | 36612.344 | 42902.043 | 27.771 | 29.173 | 27.313 | 1.02 |
| 9/19/2018 17:30 | 1193400 | 65.841 | 17.325 | 148.314 | 36625.582 | 42917.133 | 27.782 | 29.184 | 27.303 | 1.02 |
| 9/19/2018 17:45 | 1194300 | 65.83 | 17.324 | 148.288 | 36619.223 | 42910.02 | 27.777 | 29.179 | 27.308 | 1.02 |
| 9/19/2018 18:00 | 1195200 | 65.831 | 17.324 | 148.29 | 36634.738 | 42928.113 | 27.79 | 29.191 | 27.296 | 1.02 |
| 9/19/2018 18:15 | 1196100 | 65.837 | 17.325 | 148.304 | 36644.891 | 42939.918 | 27.798 | 29.199 | 27.289 | 1.02 |
| 9/19/2018 18:30 | 1197000 | 65.835 | 17.324 | 148.3 | 36631.109 | 42924.035 | 27.787 | 29.188 | 27.299 | 1.02 |
| 9/19/2018 18:45 | 1197900 | 65.854 | 17.324 | 148.343 | 36635.43 | 42929.266 | 27.791 | 29.192 | 27.296 | 1.02 |
| 9/19/2018 19:00 | 1198800 | 65.843 | 17.324 | 148.319 | 36606.109 | 42894.813 | 27.766 | 29.168 | 27.318 | 1.02 |
| 9/19/2018 19:15 | 1199700 | 65.845 | 17.324 | 148.323 | 36660.914 | 42958.785 | 27.812 | 29.212 | 27.277 | 1.02 |
| 9/19/2018 19:30 | 1200600 | 65.847 | 17.324 | 148.327 | 36655.027 | 42951.887 | 27.807 | 29.207 | 27.281 | 1.02 |
| 9/19/2018 19:45 | 1201500 | 65.848 | 17.325 | 148.329 | 36619.016 | 42909.52 | 27.777 | 29.178 | 27.308 | 1.02 |
| 9/19/2018 20:00 | 1202400 | 65.852 | 17.324 | 148.339 | 36627.324 | 42919.426 | 27.784 | 29.185 | 27.302 | 1.02 |
| 9/19/2018 20:15 | 1203300 | 65.855 | 17.324 | 148.344 | 36624.949 | 42917.059 | 27.782 | 29.184 | 27.304 | 1.02 |
| 9/19/2018 20:30 | 1204200 | 65.866 | 17.324 | 148.37 | 36626.285 | 42918.383 | 27.783 | 29.185 | 27.303 | 1.02 |
| 9/19/2018 20:45 | 1205100 | 65.865 | 17.324 | 148.368 | 36634.871 | 42928.863 | 27.79 | 29.192 | 27.296 | 1.02 |
| 9/19/2018 21:00 | 1206000 | 65.85 | 17.324 | 148.334 | 36650.328 | 42946.723 | 27.803 | 29.204 | 27.285 | 1.02 |
| 9/19/2018 21:15 | 1206900 | 65.85 | 17.324 | 148.334 | 36636.086 | 42929.691 | 27.791 | 29.192 | 27.295 | 1.02 |
| 9/19/2018 21:30 | 1207800 | 65.852 | 17.324 | 148.338 | 36617.895 | 42908.461 | 27.776 | 29.178 | 27.309 | 1.02 |
| 9/19/2018 21:45 | 1208700 | 65.85 | 17.324 | 148.334 | 36638.512 | 42932.621 | 27.793 | 29.194 | 27.294 | 1.02 |
| 9/19/2018 22:00 | 1209600 | 65.846 | 17.325 | 148.325 | 36630.641 | 42923.223 | 27.786 | 29.188 | 27.3 | 1.02 |
| 9/19/2018 22:15 | 1210500 | 65.844 | 17.324 | 148.321 | 36628.738 | 42921.254 | 27.785 | 29.186 | 27.301 | 1.02 |
| 9/19/2018 22:30 | 1211400 | 65.843 | 17.324 | 148.318 | 36638.875 | 42933.047 | 27.793 | 29.194 | 27.293 | 1.02 |
| 9/19/2018 22:45 | 1212300 | 65.841 | 17.324 | 148.312 | 36624.754 | 42916.66 | 27.782 | 29.183 | 27.304 | 1.02 |
| 9/19/2018 23:00 | 1213200 | 65.841 | 17.325 | 148.314 | 36608.695 | 42897.344 | 27.768 | 29.17 | 27.316 | 1.02 |
| 9/19/2018 23:15 | 1214100 | 65.831 | 17.324 | 148.29 | 36642.074 | 42936.707 | 27.796 | 29.197 | 27.291 | 1.02 |
| 9/19/2018 23:30 | 1215000 | 65.842 | 17.325 | 148.316 | 36640.07 | 42934.191 | 27.794 | 29.195 | 27.293 | 1.02 |
| 9/19/2018 23:45 | 1215900 | 65.837 | 17.325 | 148.304 | 36656.051 | 42952.996 | 27.808 | 29.208 | 27.281 | 1.02 |
| 9/20/2018 0:00 | 1216800 | 65.825 | 17.325 | 148.278 | 36662.242 | 42960.004 | 27.813 | 29.213 | 27.276 | 1.02 |
| 9/20/2018 0:15 | 1217700 | 65.817 | 17.325 | 148.26 | 36644.117 | 42938.93 | 27.798 | 29.198 | 27.29 | 1.02 |
| 9/20/2018 0:30 | 1218600 | 65.825 | 17.325 | 148.276 | 36634.125 | 42927.055 | 27.789 | 29.19 | 27.297 | 1.02 |
| 9/20/2018 0:45 | 1219500 | 65.824 | 17.324 | 148.275 | 36640.191 | 42934.504 | 27.794 | 29.195 | 27.292 | 1.02 |
| 9/20/2018 1:00 | 1220400 | 65.806 | 17.325 | 148.235 | 36637.227 | 42930.602 | 27.792 | 29.193 | 27.295 | 1.02 |
| 9/20/2018 1:15 | 1221300 | 65.811 | 17.324 | 148.247 | 36660.203 | 42958.367 | 27.812 | 29.212 | 27.278 | 1.02 |
| 9/20/2018 1:30 | 1222200 | 65.798 | 17.325 | 148.216 | 36643.543 | 42938.18 | 27.797 | 29.198 | 27.29 | 1.02 |
| 9/20/2018 1:45 | 1223100 | 65.79 | 17.324 | 148.198 | 36670.473 | 42970.074 | 27.82 | 29.22 | 27.27 | 1.02 |
| 9/20/2018 2:00 | 1224000 | 65.788 | 17.324 | 148.195 | 36639.543 | 42933.742 | 27.794 | 29.195 | 27.293 | 1.02 |
| 9/20/2018 2:15 | 1224900 | 65.788 | 17.325 | 148.195 | 36630.555 | 42923.039 | 27.786 | 29.188 | 27.3 | 1.02 |
| 9/20/2018 2:30 | 1225800 | 65.782 | 17.324 | 148.181 | 36632.305 | 42925.348 | 27.788 | 29.189 | 27.298 | 1.02 |
| 9/20/2018 2:45 | 1226700 | 65.781 | 17.325 | 148.178 | 36632.395 | 42925.277 | 27.788 | 29.189 | 27.298 | 1.02 |
| 9/20/2018 3:00 | 1227600 | 65.78 | 17.325 | 148.176 | 36645.887 | 42940.836 | 27.799 | 29.2 | 27.288 | 1.02 |
| 9/20/2018 3:15 | 1228500 | 65.775 | 17.325 | 148.165 | 36628.539 | 42920.508 | 27.784 | 29.186 | 27.301 | 1.02 |
| 9/20/2018 3:30 | 1229400 | 65.776 | 17.324 | 148.166 | 36631.027 | 42924.18 | 27.787 | 29.188 | 27.299 | 1.02 |
| 9/20/2018 3:45 | 1230300 | 65.793 | 17.324 | 148.205 | 36627.277 | 42919.371 | 27.784 | 29.185 | 27.302 | 1.02 |
| 9/20/2018 4:00 | 1231200 | 65.771 | 17.325 | 148.156 | 36629.734 | 42921.742 | 27.785 | 29.187 | 27.3 | 1.02 |
| 9/20/2018 4:15 | 1232100 | 65.772 | 17.325 | 148.159 | 36619.68 | 42910.043 | 27.777 | 29.179 | 27.308 | 1.02 |
| 9/20/2018 4:30 | 1233000 | 65.786 | 17.325 | 148.188 | 36658.195 | 42955.43 | 27.81 | 29.21 | 27.279 | 1.02 |
| 9/20/2018 4:45 | 1233900 | 65.788 | 17.325 | 148.194 | 36625.883 | 42917.484 | 27.782 | 29.184 | 27.303 | 1.02 |
| 9/20/2018 5:00 | 1234800 | 65.786 | 17.325 | 148.189 | 36649.578 | 42945.332 | 27.802 | 29.203 | 27.285 | 1.02 |
| 9/20/2018 5:15 | 1235700 | 65.777 | 17.324 | 148.169 | 36658.125 | 42955.691 | 27.81 | 29.21 | 27.279 | 1.02 |
| 9/20/2018 5:30 | 1236600 | 65.779 | 17.325 | 148.173 | 36652.574 | 42948.672 | 27.805 | 29.205 | 27.283 | 1.02 |
| 9/20/2018 5:45 | 1237500 | 65.782 | 17.325 | 148.181 | 36642.648 | 42937.211 | 27.796 | 29.197 | 27.291 | 1.02 |
| 9/20/2018 6:00 | 1238400 | 65.794 | 17.325 | 148.207 | 36620.59 | 42911.363 | 27.778 | 29.18 | 27.307 | 1.02 |
| 9/20/2018 6:15 | 1239300 | 65.796 | 17.325 | 148.211 | 36660.371 | 42957.723 | 27.811 | 29.211 | 27.277 | 1.02 |
| 9/20/2018 6:30 | 1240200 | 65.791 | 17.325 | 148.2 | 36659.914 | 42957.188 | 27.811 | 29.211 | 27.278 | 1.02 |
| 9/20/2018 6:45 | 1241100 | 65.804 | 17.325 | 148.229 | 36637.758 | 42931.48 | 27.792 | 29.193 | 27.294 | 1.02 |
| 9/20/2018 7:00 | 1242000 | 65.793 | 17.325 | 148.205 | 36640.664 | 42934.965 | 27.795 | 29.196 | 27.292 | 1.02 |
| 9/20/2018 7:15 | 1242900 | 65.796 | 17.324 | 148.212 | 36617.477 | 42907.887 | 27.775 | 29.177 | 27.309 | 1.02 |
| 9/20/2018 7:30 | 1243800 | 65.799 | 17.325 | 148.218 | 36653.391 | 42949.797 | 27.805 | 29.206 | 27.283 | 1.02 |
| 9/20/2018 7:45 | 1244700 | 65.802 | 17.325 | 148.226 | 36626.695 | 42918.438 | 27.783 | 29.185 | 27.302 | 1.02 |
| 9/20/2018 8:00 | 1245600 | 65.808 | 17.325 | 148.239 | 36638.34 | 42932.16 | 27.793 | 29.194 | 27.294 | 1.02 |
| 9/20/2018 8:15 | 1246500 | 65.809 | | | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/21/2018 6:45 | 1327500 | 65.808 | 17.325 | 148.239 | 36660.176 | 42957.066 | 27.811 | 29.211 | 27.278 | 1.02 |
| 9/21/2018 7:00 | 1328400 | 65.81 | 17.325 | 148.243 | 36651.762 | 42947.207 | 27.804 | 29.204 | 27.284 | 1.02 |
| 9/21/2018 7:15 | 1329300 | 65.811 | 17.325 | 148.246 | 36653.465 | 42949.371 | 27.805 | 29.206 | 27.283 | 1.02 |
| 9/21/2018 7:30 | 1330200 | 65.818 | 17.325 | 148.261 | 36630.867 | 42922.727 | 27.786 | 29.187 | 27.279 | 1.02 |
| 9/21/2018 7:45 | 1331100 | 65.82 | 17.326 | 148.265 | 36665.539 | 42963.184 | 27.815 | 29.215 | 27.274 | 1.02 |
| 9/21/2018 8:00 | 1332000 | 65.826 | 17.326 | 148.278 | 36670.605 | 42969.121 | 27.819 | 29.219 | 27.27 | 1.02 |
| 9/21/2018 8:15 | 1332900 | 65.84 | 17.326 | 148.311 | 36655.629 | 42951.411 | 27.807 | 29.207 | 27.281 | 1.02 |
| 9/21/2018 8:30 | 1333800 | 65.832 | 17.325 | 148.294 | 36660.93 | 42958.215 | 27.812 | 29.212 | 27.277 | 1.02 |
| 9/21/2018 8:45 | 1334700 | 65.851 | 17.326 | 148.335 | 36653.398 | 42948.957 | 27.805 | 29.205 | 27.283 | 1.02 |
| 9/21/2018 9:00 | 1335600 | 65.84 | 17.326 | 148.312 | 36648.121 | 42942.773 | 27.8 | 29.201 | 27.287 | 1.02 |
| 9/21/2018 9:15 | 1336500 | 65.856 | 17.326 | 148.347 | 36638.984 | 42931.988 | 27.793 | 29.194 | 27.293 | 1.02 |
| 9/21/2018 9:30 | 1337400 | 65.846 | 17.325 | 148.325 | 36657.824 | 42954.242 | 27.809 | 29.209 | 27.279 | 1.02 |
| 9/21/2018 9:45 | 1338300 | 65.85 | 17.325 | 148.334 | 36650.598 | 42945.773 | 27.803 | 29.203 | 27.285 | 1.02 |
| 9/21/2018 10:00 | 1339200 | 65.846 | 17.325 | 148.324 | 36642.539 | 42936.496 | 27.796 | 29.197 | 27.291 | 1.02 |
| 9/21/2018 10:15 | 1340100 | 65.854 | 17.326 | 148.342 | 36665.965 | 42963.684 | 27.815 | 29.215 | 27.273 | 1.02 |
| 9/21/2018 10:30 | 1341000 | 65.851 | 17.326 | 148.337 | 36652.801 | 42948.176 | 27.804 | 29.205 | 27.283 | 1.02 |
| 9/21/2018 10:45 | 1341900 | 65.853 | 17.326 | 148.341 | 36655.602 | 42951.457 | 27.807 | 29.207 | 27.281 | 1.02 |
| 9/21/2018 11:00 | 1342800 | 65.871 | 17.325 | 148.388 | 36639.531 | 42932.805 | 27.793 | 29.194 | 27.293 | 1.02 |
| 9/21/2018 11:15 | 1343700 | 65.855 | 17.326 | 148.344 | 36639.777 | 42932.836 | 27.793 | 29.194 | 27.293 | 1.02 |
| 9/21/2018 11:30 | 1344600 | 65.856 | 17.325 | 148.348 | 36641.254 | 42934.992 | 27.795 | 29.196 | 27.292 | 1.02 |
| 9/21/2018 11:45 | 1345500 | 65.866 | 17.325 | 148.369 | 36636.941 | 42930.012 | 27.791 | 29.192 | 27.295 | 1.02 |
| 9/21/2018 12:00 | 1346400 | 65.868 | 17.325 | 148.375 | 36637.391 | 42930.633 | 27.792 | 29.193 | 27.295 | 1.02 |
| 9/21/2018 12:15 | 1347300 | 65.853 | 17.325 | 148.341 | 36659.926 | 42956.773 | 27.811 | 29.211 | 27.278 | 1.02 |
| 9/21/2018 12:30 | 1348200 | 65.851 | 17.326 | 148.337 | 36663.68 | 42960.668 | 27.813 | 29.213 | 27.275 | 1.02 |
| 9/21/2018 12:45 | 1349100 | 65.849 | 17.326 | 148.332 | 36651.68 | 42946.781 | 27.803 | 29.204 | 27.284 | 1.02 |
| 9/21/2018 13:00 | 1350000 | 65.861 | 17.326 | 148.359 | 36655.277 | 42951.078 | 27.806 | 29.207 | 27.281 | 1.02 |
| 9/21/2018 13:15 | 1350900 | 65.846 | 17.325 | 148.325 | 36664.129 | 42962.301 | 27.814 | 29.214 | 27.275 | 1.02 |
| 9/21/2018 13:30 | 1351800 | 65.848 | 17.325 | 148.329 | 36657.785 | 42954.363 | 27.809 | 29.209 | 27.279 | 1.02 |
| 9/21/2018 13:45 | 1352700 | 65.856 | 17.325 | 148.347 | 36646.973 | 42941.859 | 27.8 | 29.2 | 27.287 | 1.02 |
| 9/21/2018 14:00 | 1353600 | 65.844 | 17.326 | 148.32 | 36649.863 | 42944.816 | 27.802 | 29.202 | 27.285 | 1.02 |
| 9/21/2018 14:15 | 1354500 | 65.842 | 17.325 | 148.315 | 36658.582 | 42955.297 | 27.809 | 29.21 | 27.279 | 1.02 |
| 9/21/2018 14:30 | 1355400 | 65.852 | 17.326 | 148.338 | 36646.176 | 42940.414 | 27.799 | 29.199 | 27.288 | 1.02 |
| 9/21/2018 14:45 | 1356300 | 65.855 | 17.325 | 148.344 | 36646.676 | 42941.512 | 27.8 | 29.2 | 27.288 | 1.02 |
| 9/21/2018 15:00 | 1357200 | 65.836 | 17.326 | 148.302 | 36633.867 | 42925.992 | 27.788 | 29.19 | 27.297 | 1.02 |
| 9/21/2018 15:15 | 1358100 | 65.85 | 17.326 | 148.335 | 36618.211 | 42907.645 | 27.775 | 29.177 | 27.309 | 1.02 |
| 9/21/2018 15:30 | 1359000 | 65.835 | 17.325 | 148.3 | 36650.48 | 42945.805 | 27.803 | 29.203 | 27.285 | 1.02 |
| 9/21/2018 15:45 | 1359900 | 65.83 | 17.326 | 148.288 | 36626.074 | 42916.941 | 27.782 | 29.184 | 27.303 | 1.02 |
| 9/21/2018 16:00 | 1360800 | 65.835 | 17.325 | 148.299 | 36613.949 | 42902.828 | 27.772 | 29.174 | 27.312 | 1.02 |
| 9/21/2018 16:15 | 1361700 | 65.85 | 17.326 | 148.333 | 36644.703 | 42938.609 | 27.797 | 29.198 | 27.289 | 1.02 |
| 9/21/2018 16:30 | 1362600 | 65.849 | 17.326 | 148.33 | 36628.852 | 42920.113 | 27.784 | 29.186 | 27.301 | 1.02 |
| 9/21/2018 16:45 | 1363500 | 65.835 | 17.325 | 148.3 | 36635.996 | 42928.734 | 27.79 | 29.192 | 27.296 | 1.02 |
| 9/21/2018 17:00 | 1364400 | 65.837 | 17.326 | 148.305 | 36659.703 | 42956.184 | 27.81 | 29.21 | 27.278 | 1.02 |
| 9/21/2018 17:15 | 1365300 | 65.836 | 17.326 | 148.302 | 36622.613 | 42912.805 | 27.779 | 29.181 | 27.306 | 1.02 |
| 9/21/2018 17:30 | 1366200 | 65.852 | 17.326 | 148.337 | 36666.785 | 42964.563 | 27.816 | 29.216 | 27.273 | 1.02 |
| 9/21/2018 17:45 | 1367100 | 65.839 | 17.325 | 148.309 | 36653.125 | 42948.805 | 27.805 | 29.205 | 27.283 | 1.02 |
| 9/21/2018 18:00 | 1368000 | 65.858 | 17.326 | 148.353 | 36626.172 | 42916.637 | 27.782 | 29.183 | 27.303 | 1.02 |
| 9/21/2018 18:15 | 1368900 | 65.86 | 17.326 | 148.356 | 36637.758 | 42930.633 | 27.792 | 29.193 | 27.294 | 1.02 |
| 9/21/2018 18:30 | 1369800 | 65.852 | 17.326 | 148.338 | 36678.922 | 42978.703 | 27.826 | 29.226 | 27.264 | 1.02 |
| 9/21/2018 18:45 | 1370700 | 65.869 | 17.326 | 148.377 | 36628.578 | 42919.379 | 27.784 | 29.185 | 27.301 | 1.02 |
| 9/21/2018 19:00 | 1371600 | 65.857 | 17.326 | 148.35 | 36646.316 | 42940.496 | 27.799 | 29.2 | 27.288 | 1.02 |
| 9/21/2018 19:15 | 1372500 | 65.861 | 17.326 | 148.359 | 36644.391 | 42938.324 | 27.797 | 29.198 | 27.289 | 1.02 |
| 9/21/2018 19:30 | 1373400 | 65.862 | 17.326 | 148.36 | 36623.77 | 42914.242 | 27.78 | 29.182 | 27.305 | 1.02 |
| 9/21/2018 19:45 | 1374300 | 65.878 | 17.326 | 148.397 | 36634.984 | 42926.883 | 27.789 | 29.19 | 27.296 | 1.02 |
| 9/21/2018 20:00 | 1375200 | 65.876 | 17.326 | 148.392 | 36662.789 | 42959.293 | 27.812 | 29.212 | 27.276 | 1.02 |
| 9/21/2018 20:15 | 1376100 | 65.873 | 17.325 | 148.385 | 36676.91 | 42976.605 | 27.825 | 29.224 | 27.265 | 1.02 |
| 9/21/2018 20:30 | 1377000 | 65.88 | 17.326 | 148.4 | 36634.039 | 42926.273 | 27.789 | 29.19 | 27.297 | 1.02 |
| 9/21/2018 20:45 | 1377900 | 65.891 | 17.326 | 148.426 | 36629.594 | 42920.816 | 27.785 | 29.186 | 27.3 | 1.02 |
| 9/21/2018 21:00 | 1378800 | 65.882 | 17.326 | 148.405 | 36660.625 | 42957.344 | 27.811 | 29.211 | 27.277 | 1.02 |
| 9/21/2018 21:15 | 1379700 | 65.887 | 17.326 | 148.416 | 36679.156 | 42978.977 | 27.826 | 29.226 | 27.263 | 1.02 |
| 9/21/2018 21:30 | 1380600 | 65.885 | 17.326 | 148.411 | 36661.375 | 42957.809 | 27.811 | 29.211 | 27.277 | 1.02 |
| 9/21/2018 21:45 | 1381500 | 65.886 | 17.326 | 148.414 | 36667.633 | 42965.141 | 27.817 | 29.216 | 27.272 | 1.02 |
| 9/21/2018 22:00 | 1382400 | 65.888 | 17.326 | 148.419 | 36665.402 | 42962.684 | 27.815 | 29.215 | 27.274 | 1.02 |
| 9/21/2018 22:15 | 1383300 | 65.894 | 17.326 | 148.432 | 36650.133 | 42944.969 | 27.802 | 29.203 | 27.285 | 1.02 |
| 9/21/2018 22:30 | 1384200 | 65.89 | 17.326 | 148.425 | 36654.07 | 42948.91 | 27.805 | 29.205 | 27.282 | 1.02 |
| 9/21/2018 22:45 | 1385100 | 65.892 | 17.326 | 148.429 | 36667.355 | 42964.719 | 27.816 | 29.216 | 27.272 | 1.02 |
| 9/21/2018 23:00 | 1386000 | 65.887 | 17.326 | 148.416 | 36662.902 | 42959.426 | 27.812 | 29.212 | 27.276 | 1.02 |
| 9/21/2018 23:15 | 1386900 | 65.89 | 17.326 | 148.425 | 36678.363 | 42977.871 | 27.826 | 29.225 | 27.264 | 1.02 |
| 9/21/2018 23:30 | 1387800 | 65.89 | 17.326 | 148.425 | 36697.246 | 43000.09 | 27.842 | 29.24 | 27.25 | 1.02 |
| 9/21/2018 23:45 | 1388700 | 65.901 | 17.326 | 148.449 | 36642.883 | 42936.141 | 27.796 | 29.197 | 27.29 | 1.02 |
| 9/22/2018 0:00 | 1389600 | 65.881 | 17.326 | 148.402 | 36657.918 | 42953.66 | 27.808 | 29.208 | 27.279 | 1.02 |
| 9/22/2018 0:15 | 1390500 | 65.88 | 17.326 | 148.402 | 36666.168 | 42963.84 | 27.816 | 29.215 | 27.273 | 1.02 |
| 9/22/2018 0:30 | 1391400 | 65.876 | 17.326 | 148.412 | 36671.211 | 42969.492 | 27.82 | 29.219 | 27.269 | 1.02 |
| 9/22/2018 0:45 | 1392300 | 65.885 | 17.326 | 148.412 | 36658.531 | 42954.891 | 27.809 | 29.209 | 27.279 | 1.02 |
| 9/22/2018 1:00 | 1393200 | 65.866 | 17.326 | 148.369 | 36637.18 | 42929.703 | 27.791 | 29.192 | 27.295 | 1.02 |
| 9/22/2018 1:15 | 1394100 | 65.847 | 17.326 | 148.328 | 36682.609 | 42982.848 | 27.829 | 29.228 | 27.261 | 1.02 |
| 9/22/2018 1:30 | 1395000 | 65.876 | 17.326 | 148.392 | 36644.98 | 42938.754 | 27.798 | 29.198 | 27.289 | 1.02 |
| 9/22/2018 1:45 | 1395900 | 65.857 | 17.326 | 148.349 | 36668.188 | 42965.789 | 27.817 | 29.217 | 27.272 | 1.02 |
| 9/22/2018 2:00 | 1396800 | 65.851 | 17.326 | 148.336 | 36701.957 | 43005.262 | 27.845 | 29.244 | 27.247 | 1.02 |
| 9/22/2018 2:15 | 1397700 | 65.862 | 17.326 | 148.361 | 36656.016 | 42951.605 | 27.807 | 29.207 | 27.281 | 1.02 |
| 9/22/2018 2:30 | 1398600 | 65.843 | 17.326 | 148.319 | 36644.543 | 42937.824 | 27.797 | 29.198 | 27.289 | 1.02 |
| 9/22/2018 2:45 | 1399500 | 65.851 | 17.326 | 148.335 | 36662.633 | 42959.184 | 27.812 | 29.212 | 27.276 | 1.02 |
| 9/22/2018 3:00 | 1400400 | 65.849 | 17.326 | 148.33 | 36665.598 | 42962.496 | 27.815 | 29.214 | 27.274 | 1.02 |
| 9/22/2018 3:15 | 1401300 | 65.835 | 17.326 | 148.3 | 36664.109 | 42960.914 | 27.814 | 29.213 | 27.275 | 1.02 |
| 9/22/2018 3:30 | 1402200 | 65.827 | 17.326 | 148.282 | 36664.168 | 42960.742 | 27.813 | 29.213 | 27.275 | 1.02 |
| 9/22/2018 3:45 | 1403100 | 65.844 | 17.326 | 148.321 | 36644.836 | 42938.258 | 27.797 | 29.198 | 27.289 | 1.02 |
| 9/22/2018 4:00 | 1404000 | 65.826 | 17.326 | 148.28 | 36645.809 | 42939.227 | 27.798 | 29.199 | 27.288 | 1.02 |
| 9/22/2018 4:15 | 1404900 | 65.821 | 17.326 | 148.269 | 36651.742 | 42946.52 | 27.803 | 29.204 | 27.284 | 1.02 |
| 9/22/2018 4:30 | 1405800 | 65.821 | 17.326 | 148.268 | 36646.383 | 42939.813 | 27.798 | 29.199 | 27.288 | 1.02 |
| 9/22/2018 4:45 | 1406700 | 65.82 | 17.327 | 148.265 | 36643.168 | 42935.789 | 27.796 | 29.196 | 27.29 | 1.02 |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/23/2018 3:15 | 1487700 | 65.836 | 17.327 | 148.302 | 36674.039 | 42971.961 | 27.822 | 29.221 | 27.267 | 1.02 |
| 9/23/2018 3:30 | 1488600 | 65.832 | 17.327 | 148.292 | 36680.645 | 42979.539 | 27.827 | 29.226 | 27.262 | 1.02 |
| 9/23/2018 3:45 | 1489500 | 65.843 | 17.327 | 148.317 | 36688.777 | 42979.855 | 27.827 | 29.226 | 27.262 | 1.02 |
| 9/23/2018 4:00 | 1490400 | 65.837 | 17.326 | 148.303 | 36644.059 | 42977.176 | 27.796 | 29.197 | 27.229 | 1.02 |
| 9/23/2018 4:15 | 1491300 | 65.833 | 17.327 | 148.294 | 36670.176 | 42967.263 | 27.818 | 29.218 | 27.237 | 1.02 |
| 9/23/2018 4:30 | 1492200 | 65.832 | 17.327 | 148.257 | 36655.82 | 42962.5 | 27.815 | 29.215 | 27.233 | 1.02 |
| 9/23/2018 4:45 | 1493100 | 65.83 | 17.327 | 148.289 | 36678.453 | 42977.063 | 27.825 | 29.224 | 27.264 | 1.02 |
| 9/23/2018 5:00 | 1494000 | 65.837 | 17.327 | 148.26 | 36670.188 | 42967.375 | 27.818 | 29.218 | 27.237 | 1.02 |
| 9/23/2018 5:15 | 1494900 | 65.814 | 17.327 | 148.252 | 36660.207 | 42955.852 | 27.81 | 29.21 | 27.278 | 1.02 |
| 9/23/2018 5:30 | 1495800 | 65.811 | 17.327 | 148.246 | 36675.422 | 42973.68 | 27.823 | 29.222 | 27.266 | 1.02 |
| 9/23/2018 5:45 | 1496700 | 65.812 | 17.327 | 148.249 | 36656.152 | 42950.93 | 27.806 | 29.207 | 27.281 | 1.02 |
| 9/23/2018 6:00 | 1497600 | 65.825 | 17.327 | 148.277 | 36676.672 | 42975.145 | 27.824 | 29.223 | 27.265 | 1.02 |
| 9/23/2018 6:15 | 1498500 | 65.824 | 17.326 | 148.275 | 36671.516 | 42969.357 | 27.82 | 29.219 | 27.269 | 1.02 |
| 9/23/2018 6:30 | 1499400 | 65.81 | 17.327 | 148.243 | 36667.414 | 42964.367 | 27.816 | 29.216 | 27.272 | 1.02 |
| 9/23/2018 6:45 | 1500300 | 65.811 | 17.327 | 148.245 | 36679.496 | 42978.355 | 27.826 | 29.225 | 27.263 | 1.02 |
| 9/23/2018 7:00 | 1501200 | 65.81 | 17.327 | 148.243 | 36664.73 | 42961.152 | 27.814 | 29.214 | 27.274 | 1.02 |
| 9/23/2018 7:15 | 1502100 | 65.829 | 17.327 | 148.286 | 36647.164 | 42940.473 | 27.799 | 29.2 | 27.287 | 1.02 |
| 9/23/2018 7:30 | 1503000 | 65.82 | 17.327 | 148.265 | 36660.945 | 42956.715 | 27.811 | 29.211 | 27.277 | 1.02 |
| 9/23/2018 7:45 | 1503900 | 65.832 | 17.327 | 148.293 | 36672.961 | 42970.867 | 27.821 | 29.222 | 27.268 | 1.02 |
| 9/23/2018 8:00 | 1504800 | 65.826 | 17.327 | 148.28 | 36684.504 | 42983.973 | 27.833 | 29.229 | 27.259 | 1.02 |
| 9/23/2018 8:15 | 1505700 | 65.828 | 17.326 | 148.285 | 36659.863 | 42955.863 | 27.81 | 29.21 | 27.278 | 1.02 |
| 9/23/2018 8:30 | 1506600 | 65.827 | 17.327 | 148.282 | 36682.07 | 42981.301 | 27.828 | 29.227 | 27.261 | 1.02 |
| 9/23/2018 8:45 | 1507500 | 65.832 | 17.327 | 148.294 | 36667.047 | 42963.863 | 27.816 | 29.215 | 27.272 | 1.02 |
| 9/23/2018 9:00 | 1508400 | 65.851 | 17.327 | 148.335 | 36681.309 | 42980.48 | 27.828 | 29.227 | 27.262 | 1.02 |
| 9/23/2018 9:15 | 1509300 | 65.841 | 17.326 | 148.314 | 36677.398 | 42976.242 | 27.825 | 29.224 | 27.265 | 1.02 |
| 9/23/2018 9:30 | 1510200 | 65.842 | 17.326 | 148.315 | 36653.543 | 42948.289 | 27.804 | 29.205 | 27.282 | 1.02 |
| 9/23/2018 9:45 | 1511100 | 65.86 | 17.326 | 148.355 | 36676.219 | 42975.027 | 27.824 | 29.223 | 27.266 | 1.02 |
| 9/23/2018 10:00 | 1512000 | 65.865 | 17.327 | 148.366 | 36670.566 | 42967.563 | 27.818 | 29.218 | 27.27 | 1.02 |
| 9/23/2018 10:15 | 1512900 | 65.863 | 17.327 | 148.363 | 36667.566 | 42964.547 | 27.816 | 29.216 | 27.272 | 1.02 |
| 9/23/2018 10:30 | 1513800 | 65.857 | 17.326 | 148.349 | 36673.438 | 42971.684 | 27.821 | 29.221 | 27.268 | 1.02 |
| 9/23/2018 10:45 | 1514700 | 65.858 | 17.327 | 148.353 | 36697.941 | 42999.969 | 27.842 | 29.24 | 27.249 | 1.02 |
| 9/23/2018 11:00 | 1515600 | 65.8734 | 17.326 | 148.386 | 36654.734 | 42949.854 | 27.806 | 29.206 | 27.282 | 1.02 |
| 9/23/2018 11:15 | 1516500 | 65.876 | 17.326 | 148.391 | 36675.273 | 42973.836 | 27.823 | 29.222 | 27.266 | 1.02 |
| 9/23/2018 11:30 | 1517400 | 65.866 | 17.327 | 148.37 | 36671.477 | 42969.129 | 27.819 | 29.219 | 27.269 | 1.02 |
| 9/23/2018 11:45 | 1518300 | 65.862 | 17.327 | 148.36 | 36669.977 | 42967.297 | 27.818 | 29.218 | 27.27 | 1.02 |
| 9/23/2018 12:00 | 1519200 | 65.878 | 17.326 | 148.396 | 36680.645 | 42980.129 | 27.827 | 29.226 | 27.262 | 1.02 |
| 9/23/2018 12:15 | 1520100 | 65.861 | 17.327 | 148.359 | 36664.586 | 42960.887 | 27.814 | 29.213 | 27.274 | 1.02 |
| 9/23/2018 12:30 | 1521000 | 65.862 | 17.326 | 148.362 | 36673.457 | 42971.625 | 27.821 | 29.221 | 27.268 | 1.02 |
| 9/23/2018 12:45 | 1521900 | 65.862 | 17.326 | 148.36 | 36690.355 | 42991.594 | 27.836 | 29.234 | 27.255 | 1.02 |
| 9/23/2018 13:00 | 1522800 | 65.858 | 17.327 | 148.353 | 36676.367 | 42974.691 | 27.823 | 29.223 | 27.266 | 1.02 |
| 9/23/2018 13:15 | 1523700 | 65.872 | 17.326 | 148.382 | 36666.98 | 42964.035 | 27.816 | 29.216 | 27.272 | 1.02 |
| 9/23/2018 13:30 | 1524600 | 65.857 | 17.327 | 148.35 | 36653.281 | 42947.809 | 27.804 | 29.205 | 27.283 | 1.02 |
| 9/23/2018 13:45 | 1525500 | 65.854 | 17.327 | 148.344 | 36685.914 | 42986.043 | 27.832 | 29.231 | 27.258 | 1.02 |
| 9/23/2018 14:00 | 1526400 | 65.851 | 17.326 | 148.337 | 36678.336 | 42977.422 | 27.825 | 29.225 | 27.264 | 1.02 |
| 9/23/2018 14:15 | 1527300 | 65.869 | 17.326 | 148.377 | 36670.973 | 42968.715 | 27.819 | 29.219 | 27.27 | 1.02 |
| 9/23/2018 14:30 | 1528200 | 65.846 | 17.327 | 148.325 | 36667.309 | 42964.172 | 27.816 | 29.216 | 27.272 | 1.02 |
| 9/23/2018 14:45 | 1529100 | 65.85 | 17.327 | 148.334 | 36677.469 | 42975.816 | 27.824 | 29.224 | 27.265 | 1.02 |
| 9/23/2018 15:00 | 1530000 | 65.843 | 17.327 | 148.317 | 36664.688 | 42960.934 | 27.814 | 29.213 | 27.274 | 1.02 |
| 9/23/2018 15:15 | 1530900 | 65.84 | 17.327 | 148.311 | 36690.277 | 42991.156 | 27.835 | 29.234 | 27.255 | 1.02 |
| 9/23/2018 15:30 | 1531800 | 65.837 | 17.327 | 148.304 | 36650.41 | 42944.371 | 27.802 | 29.202 | 27.285 | 1.02 |
| 9/23/2018 15:45 | 1532700 | 65.831 | 17.327 | 148.291 | 36638.246 | 42929.773 | 27.791 | 29.192 | 27.294 | 1.02 |
| 9/23/2018 16:00 | 1533600 | 65.842 | 17.327 | 148.316 | 36655.457 | 42949.859 | 27.806 | 29.206 | 27.281 | 1.02 |
| 9/23/2018 16:15 | 1534500 | 65.844 | 17.327 | 148.319 | 36650.672 | 42944.508 | 27.802 | 29.202 | 27.285 | 1.02 |
| 9/23/2018 16:30 | 1535400 | 65.841 | 17.327 | 148.313 | 36683.953 | 42983.418 | 27.83 | 29.229 | 27.26 | 1.02 |
| 9/23/2018 16:45 | 1536300 | 65.841 | 17.327 | 148.313 | 36675.215 | 42973.508 | 27.823 | 29.222 | 27.266 | 1.02 |
| 9/23/2018 17:00 | 1537200 | 65.827 | 17.326 | 148.282 | 36635.414 | 42927.293 | 27.789 | 29.191 | 27.296 | 1.02 |
| 9/23/2018 17:15 | 1538100 | 65.828 | 17.326 | 148.285 | 36687.039 | 42987.453 | 27.833 | 29.231 | 27.258 | 1.02 |
| 9/23/2018 17:30 | 1539000 | 65.827 | 17.326 | 148.282 | 36654.152 | 42949.004 | 27.805 | 29.205 | 27.282 | 1.02 |
| 9/23/2018 17:45 | 1539900 | 65.827 | 17.327 | 148.282 | 36638.48 | 42930.047 | 27.791 | 29.192 | 27.294 | 1.02 |
| 9/23/2018 18:00 | 1540800 | 65.827 | 17.327 | 148.281 | 36653.371 | 42947.672 | 27.804 | 29.204 | 27.283 | 1.02 |
| 9/23/2018 18:15 | 1541700 | 65.827 | 17.327 | 148.282 | 36662.422 | 42958.516 | 27.812 | 29.212 | 27.276 | 1.02 |
| 9/23/2018 18:30 | 1542600 | 65.831 | 17.327 | 148.29 | 36661.035 | 42956.895 | 27.811 | 29.211 | 27.277 | 1.02 |
| 9/23/2018 18:45 | 1543500 | 65.834 | 17.326 | 148.297 | 36646.746 | 42940.238 | 27.799 | 29.199 | 27.288 | 1.02 |
| 9/23/2018 19:00 | 1544400 | 65.834 | 17.326 | 148.297 | 36670.133 | 42967.645 | 27.818 | 29.218 | 27.27 | 1.02 |
| 9/23/2018 19:15 | 1545300 | 65.85 | 17.326 | 148.333 | 36670.879 | 42968.605 | 27.819 | 29.219 | 27.27 | 1.02 |
| 9/23/2018 19:30 | 1546200 | 65.856 | 17.327 | 148.346 | 36666.598 | 42963.242 | 27.815 | 29.215 | 27.273 | 1.02 |
| 9/23/2018 19:45 | 1547100 | 65.846 | 17.326 | 148.324 | 36676.5 | 42975.191 | 27.824 | 29.223 | 27.265 | 1.02 |
| 9/23/2018 20:00 | 1548000 | 65.861 | 17.327 | 148.359 | 36658.258 | 42953.566 | 27.808 | 29.208 | 27.279 | 1.02 |
| 9/23/2018 20:15 | 1548900 | 65.862 | 17.327 | 148.361 | 36668.32 | 42965.43 | 27.817 | 29.216 | 27.271 | 1.02 |
| 9/23/2018 20:30 | 1549800 | 65.853 | 17.327 | 148.339 | 36687.902 | 42988.301 | 27.833 | 29.232 | 27.257 | 1.02 |
| 9/23/2018 20:45 | 1550700 | 65.856 | 17.326 | 148.347 | 36669.68 | 42967.113 | 27.818 | 29.218 | 27.27 | 1.02 |
| 9/23/2018 21:00 | 1551600 | 65.858 | 17.327 | 148.352 | 36687.492 | 42987.82 | 27.833 | 29.232 | 27.257 | 1.02 |
| 9/23/2018 21:15 | 1552500 | 65.866 | 17.326 | 148.37 | 36672.465 | 42970.461 | 27.82 | 29.222 | 27.268 | 1.02 |
| 9/23/2018 21:30 | 1553400 | 65.886 | 17.327 | 148.415 | 36690.707 | 42991.328 | 27.835 | 29.234 | 27.255 | 1.02 |
| 9/23/2018 21:45 | 1554300 | 65.882 | 17.326 | 148.406 | 36706.945 | 43010.777 | 27.849 | 29.247 | 27.243 | 1.02 |
| 9/23/2018 22:00 | 1555200 | 65.876 | 17.326 | 148.393 | 36673.176 | 42971.207 | 27.821 | 29.222 | 27.268 | 1.02 |
| 9/23/2018 22:15 | 1556100 | 65.875 | 17.326 | 148.39 | 36657.109 | 42952.637 | 27.808 | 29.208 | 27.28 | 1.02 |
| 9/23/2018 22:30 | 1557000 | 65.877 | 17.326 | 148.395 | 36697.445 | 42999.645 | 27.841 | 29.24 | 27.25 | 1.02 |
| 9/23/2018 22:45 | 1557900 | 65.879 | 17.327 | 148.398 | 36661.051 | 42956.492 | 27.81 | 29.21 | 27.277 | 1.02 |
| 9/23/2018 23:00 | 1558800 | 65.882 | 17.327 | 148.407 | 36693.727 | 42995.125 | 27.838 | 29.237 | 27.253 | 1.02 |
| 9/23/2018 23:15 | 1559700 | 65.881 | 17.326 | 148.402 | 36698.367 | 43000.813 | 27.842 | 29.241 | 27.249 | 1.02 |
| 9/23/2018 23:30 | 1560600 | 65.882 | 17.327 | 148.405 | 36675.488 | 42973.66 | 27.823 | 29.222 | 27.266 | 1.02 |
| 9/23/2018 23:45 | 1561500 | 65.881 | 17.327 | 148.403 | 36711.707 | 43016.195 | 27.853 | 29.251 | 27.239 | 1.02 |
| 9/24/2018 0:00 | 1562400 | 65.882 | 17.327 | 148.405 | 36681.203 | 42980.195 | 27.827 | 29.227 | 27.262 | 1.02 |
| 9/24/2018 0:15 | 1563300 | 65.89 | 17.327 | 148.423 | 36702.125 | 43004.871 | 27.845 | 29.243 | 27.246 | 1.02 |
| 9/24/2018 0:30 | 1564200 | 65.875 | 17.326 | 148.39 | 36715.023 | 43020.496 | 27.856 | 29.254 | 27.237 | 1.02 |
| 9/24/2018 0:45 | 1565100 | 65.873 | 17.326 | 148.385 | 36679.609 | 42978.746 | 27.826 | 29.226 | 27.263 | 1.02 |
| 9/24/2018 1:00 | 1566000 | 65.872 | 17.326 | 148.383 | 36677.992 | 42976.852 | 27.825 | 29.224 | 27.264 | 1.02 |
| 9/24/2018 1:15 | 15669 | | | | | | | | | |

| | | | | | | | | | | |
|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/24/2018 23:45 | 1647900 | 65.877 | 17.327 | 148.394 | 36684.027 | 42983.504 | 27.83 | 29.229 | 27.26 | 1.02 |
| 9/25/2018 0:00 | 1648800 | 65.868 | 17.327 | 148.375 | 36689.648 | 42990.18 | 27.835 | 29.233 | 27.256 | 1.02 |
| 9/25/2018 0:15 | 1649700 | 65.868 | 17.327 | 148.374 | 36691.914 | 42997.922 | 27.811 | 29.211 | 27.276 | 1.02 |
| 9/25/2018 0:30 | 1650600 | 65.868 | 17.327 | 148.369 | 36697.07 | 42970.678 | 27.821 | 29.222 | 27.268 | 1.02 |
| 9/25/2018 0:45 | 1651500 | 65.868 | 17.327 | 148.375 | 36695.758 | 42997.078 | 27.821 | 29.238 | 27.251 | 1.02 |
| 9/25/2018 1:00 | 1652400 | 65.869 | 17.327 | 148.375 | 36678.398 | 42977.238 | 27.825 | 29.225 | 27.264 | 1.02 |
| 9/25/2018 1:15 | 1653300 | 65.866 | 17.327 | 148.37 | 36685.457 | 42985.508 | 27.831 | 29.23 | 27.259 | 1.02 |
| 9/25/2018 1:30 | 1654200 | 65.863 | 17.327 | 148.363 | 36690.055 | 42990.566 | 27.835 | 29.234 | 27.255 | 1.02 |
| 9/25/2018 1:45 | 1655100 | 65.868 | 17.327 | 148.374 | 36663.758 | 42959.664 | 27.813 | 29.213 | 27.275 | 1.02 |
| 9/25/2018 2:00 | 1656000 | 65.876 | 17.327 | 148.392 | 36671.402 | 42968.969 | 27.819 | 29.219 | 27.269 | 1.02 |
| 9/25/2018 2:15 | 1656900 | 65.873 | 17.327 | 148.385 | 36688.715 | 42988.966 | 27.834 | 29.233 | 27.256 | 1.02 |
| 9/25/2018 2:30 | 1657800 | 65.857 | 17.327 | 148.35 | 36684.504 | 42983.973 | 27.83 | 29.229 | 27.259 | 1.02 |
| 9/25/2018 2:45 | 1658700 | 65.85 | 17.327 | 148.333 | 36701.957 | 43004.512 | 27.845 | 29.243 | 27.247 | 1.02 |
| 9/25/2018 3:00 | 1659600 | 65.864 | 17.327 | 148.365 | 36657.816 | 42952.535 | 27.808 | 29.208 | 27.279 | 1.02 |
| 9/25/2018 3:15 | 1660500 | 65.846 | 17.327 | 148.324 | 36685.262 | 42985.039 | 27.831 | 29.23 | 27.259 | 1.02 |
| 9/25/2018 3:30 | 1661400 | 65.839 | 17.327 | 148.309 | 36690.211 | 42991.078 | 27.835 | 29.234 | 27.255 | 1.02 |
| 9/25/2018 3:45 | 1662300 | 65.837 | 17.327 | 148.305 | 36677.707 | 42976.188 | 27.825 | 29.224 | 27.265 | 1.02 |
| 9/25/2018 4:00 | 1663200 | 65.835 | 17.327 | 148.299 | 36657.668 | 42952.617 | 27.808 | 29.208 | 27.279 | 1.02 |
| 9/25/2018 4:15 | 1664100 | 65.831 | 17.327 | 148.29 | 36666.207 | 42962.195 | 27.815 | 29.214 | 27.273 | 1.02 |
| 9/25/2018 4:30 | 1665000 | 65.842 | 17.327 | 148.316 | 36651.836 | 42945.617 | 27.803 | 29.203 | 27.284 | 1.02 |
| 9/25/2018 4:45 | 1665900 | 65.822 | 17.327 | 148.271 | 36674.344 | 42971.988 | 27.822 | 29.221 | 27.267 | 1.02 |
| 9/25/2018 5:00 | 1666800 | 65.82 | 17.327 | 148.265 | 36679.91 | 42978.77 | 27.826 | 29.226 | 27.263 | 1.02 |
| 9/25/2018 5:15 | 1667700 | 65.819 | 17.327 | 148.264 | 36668.281 | 42965.055 | 27.817 | 29.216 | 27.272 | 1.02 |
| 9/25/2018 5:30 | 1668600 | 65.815 | 17.327 | 148.256 | 36672.172 | 42969.523 | 27.82 | 29.219 | 27.269 | 1.02 |
| 9/25/2018 5:45 | 1669500 | 65.816 | 17.328 | 148.257 | 36681.465 | 42979.906 | 27.827 | 29.226 | 27.262 | 1.02 |
| 9/25/2018 6:00 | 1670400 | 65.826 | 17.327 | 148.279 | 36646.965 | 42940.074 | 27.799 | 29.199 | 27.287 | 1.02 |
| 9/25/2018 6:15 | 1671300 | 65.824 | 17.327 | 148.275 | 36668.77 | 42965.625 | 27.817 | 29.217 | 27.271 | 1.02 |
| 9/25/2018 6:30 | 1672200 | 65.813 | 17.328 | 148.249 | 36672.828 | 42969.707 | 27.82 | 29.219 | 27.268 | 1.02 |
| 9/25/2018 6:45 | 1673100 | 65.833 | 17.327 | 148.296 | 36658.766 | 42953.816 | 27.808 | 29.209 | 27.279 | 1.02 |
| 9/25/2018 7:00 | 1674000 | 65.828 | 17.327 | 148.283 | 36679.922 | 42978.605 | 27.826 | 29.225 | 27.263 | 1.02 |
| 9/25/2018 7:15 | 1674900 | 65.817 | 17.327 | 148.259 | 36657.148 | 42951.754 | 27.807 | 29.207 | 27.278 | 1.02 |
| 9/25/2018 7:30 | 1675800 | 65.815 | 17.327 | 148.255 | 36662.547 | 42958.078 | 27.812 | 29.211 | 27.276 | 1.02 |
| 9/25/2018 7:45 | 1676700 | 65.822 | 17.327 | 148.27 | 36644.828 | 42937.148 | 27.797 | 29.197 | 27.289 | 1.02 |
| 9/25/2018 8:00 | 1677600 | 65.838 | 17.327 | 148.306 | 36664.742 | 42960.738 | 27.813 | 29.213 | 27.274 | 1.02 |
| 9/25/2018 8:15 | 1678500 | 65.826 | 17.327 | 148.28 | 36667.914 | 42964.535 | 27.816 | 29.216 | 27.272 | 1.02 |
| 9/25/2018 8:30 | 1679400 | 65.828 | 17.327 | 148.284 | 36673.027 | 42970.527 | 27.82 | 29.222 | 27.268 | 1.02 |
| 9/25/2018 8:45 | 1680300 | 65.833 | 17.327 | 148.295 | 36698.672 | 43000.156 | 27.842 | 29.24 | 27.249 | 1.02 |
| 9/25/2018 9:00 | 1681200 | 65.854 | 17.327 | 148.343 | 36689.277 | 42989.488 | 27.834 | 29.233 | 27.256 | 1.02 |
| 9/25/2018 9:15 | 1682100 | 65.856 | 17.327 | 148.347 | 36649.266 | 42942.934 | 27.801 | 29.201 | 27.286 | 1.02 |
| 9/25/2018 9:30 | 1683000 | 65.841 | 17.327 | 148.314 | 36679.516 | 42977.961 | 27.826 | 29.225 | 27.263 | 1.02 |
| 9/25/2018 9:45 | 1683900 | 65.859 | 17.327 | 148.354 | 36669.715 | 42966.402 | 27.818 | 29.217 | 27.27 | 1.02 |
| 9/25/2018 10:00 | 1684800 | 65.849 | 17.327 | 148.332 | 36658.473 | 42953.391 | 27.808 | 29.208 | 27.279 | 1.02 |
| 9/25/2018 10:15 | 1685700 | 65.854 | 17.327 | 148.344 | 36660.406 | 42955.656 | 27.81 | 29.21 | 27.277 | 1.02 |
| 9/25/2018 10:30 | 1686600 | 65.856 | 17.328 | 148.348 | 36701.965 | 43003.848 | 27.844 | 29.243 | 27.246 | 1.02 |
| 9/25/2018 10:45 | 1687500 | 65.859 | 17.327 | 148.354 | 36673.988 | 42971.57 | 27.821 | 29.221 | 27.267 | 1.02 |
| 9/25/2018 11:00 | 1688400 | 65.865 | 17.328 | 148.366 | 36695.176 | 42995.973 | 27.839 | 29.237 | 27.252 | 1.02 |
| 9/25/2018 11:15 | 1689300 | 65.867 | 17.327 | 148.372 | 36663.828 | 42959.582 | 27.813 | 29.213 | 27.275 | 1.02 |
| 9/25/2018 11:30 | 1690200 | 65.869 | 17.327 | 148.375 | 36685.32 | 42984.688 | 27.831 | 29.23 | 27.259 | 1.02 |
| 9/25/2018 11:45 | 1691100 | 65.873 | 17.327 | 148.385 | 36687.121 | 42986.871 | 27.832 | 29.231 | 27.258 | 1.02 |
| 9/25/2018 12:00 | 1692000 | 65.872 | 17.327 | 148.383 | 36677.02 | 42975.125 | 27.824 | 29.223 | 27.265 | 1.02 |
| 9/25/2018 12:15 | 1692900 | 65.876 | 17.327 | 148.392 | 36685.199 | 42984.789 | 27.831 | 29.23 | 27.259 | 1.02 |
| 9/25/2018 12:30 | 1693800 | 65.877 | 17.327 | 148.395 | 36687.012 | 42986.574 | 27.832 | 29.231 | 27.258 | 1.02 |
| 9/25/2018 12:45 | 1694700 | 65.876 | 17.327 | 148.392 | 36702.023 | 43004.75 | 27.845 | 29.243 | 27.246 | 1.02 |
| 9/25/2018 13:00 | 1695600 | 65.889 | 17.327 | 148.422 | 36687.594 | 42987.684 | 27.833 | 29.232 | 27.257 | 1.02 |
| 9/25/2018 13:15 | 1696500 | 65.877 | 17.327 | 148.394 | 36693.496 | 42994.344 | 27.838 | 29.236 | 27.253 | 1.02 |
| 9/25/2018 13:30 | 1697400 | 65.874 | 17.327 | 148.387 | 36698.949 | 43000.484 | 27.842 | 29.24 | 27.249 | 1.02 |
| 9/25/2018 13:45 | 1698300 | 65.874 | 17.327 | 148.387 | 36684.832 | 42984.02 | 27.83 | 29.229 | 27.259 | 1.02 |
| 9/25/2018 14:00 | 1699200 | 65.873 | 17.327 | 148.385 | 36696.73 | 42997.961 | 27.84 | 29.239 | 27.25 | 1.02 |
| 9/25/2018 14:15 | 1700100 | 65.883 | 17.327 | 148.408 | 36667.137 | 42963.383 | 27.815 | 29.215 | 27.272 | 1.02 |
| 9/25/2018 14:30 | 1701000 | 65.88 | 17.327 | 148.401 | 36673.438 | 42971.008 | 27.821 | 29.22 | 27.268 | 1.02 |
| 9/25/2018 14:45 | 1701900 | 65.859 | 17.327 | 148.353 | 36681.098 | 42979.645 | 27.827 | 29.226 | 27.262 | 1.02 |
| 9/25/2018 15:00 | 1702800 | 65.861 | 17.327 | 148.358 | 36685.074 | 42984.398 | 27.83 | 29.229 | 27.259 | 1.02 |
| 9/25/2018 15:15 | 1703700 | 65.86 | 17.327 | 148.356 | 36676.824 | 42974.977 | 27.824 | 29.223 | 27.265 | 1.02 |
| 9/25/2018 15:30 | 1704600 | 65.87 | 17.327 | 148.379 | 36661.898 | 42957.32 | 27.811 | 29.211 | 27.276 | 1.02 |
| 9/25/2018 15:45 | 1705500 | 65.854 | 17.327 | 148.343 | 36679.883 | 42978.145 | 27.826 | 29.225 | 27.263 | 1.02 |
| 9/25/2018 16:00 | 1706400 | 65.85 | 17.327 | 148.333 | 36670.609 | 42967.613 | 27.818 | 29.218 | 27.27 | 1.02 |
| 9/25/2018 16:15 | 1707300 | 65.843 | 17.327 | 148.319 | 36684.336 | 42983.609 | 27.83 | 29.229 | 27.26 | 1.02 |
| 9/25/2018 16:30 | 1708200 | 65.839 | 17.327 | 148.31 | 36675.055 | 42972.734 | 27.822 | 29.221 | 27.266 | 1.02 |
| 9/25/2018 16:45 | 1709100 | 65.838 | 17.327 | 148.306 | 36665.168 | 42961.148 | 27.814 | 29.214 | 27.274 | 1.02 |
| 9/25/2018 17:00 | 1710000 | 65.835 | 17.327 | 148.3 | 36664.949 | 42960.723 | 27.813 | 29.213 | 27.274 | 1.02 |
| 9/25/2018 17:15 | 1710900 | 65.835 | 17.327 | 148.299 | 36675.703 | 42973.246 | 27.822 | 29.222 | 27.266 | 1.02 |
| 9/25/2018 17:30 | 1711800 | 65.826 | 17.328 | 148.28 | 36656.227 | 42950.336 | 27.806 | 29.206 | 27.28 | 1.02 |
| 9/25/2018 17:45 | 1712700 | 65.826 | 17.327 | 148.278 | 36664.141 | 42959.871 | 27.813 | 29.213 | 27.275 | 1.02 |
| 9/25/2018 18:00 | 1713600 | 65.841 | 17.328 | 148.313 | 36672.383 | 42969.266 | 27.82 | 29.219 | 27.268 | 1.02 |
| 9/25/2018 18:15 | 1714500 | 65.823 | 17.328 | 148.273 | 36695.629 | 42996.328 | 27.839 | 29.238 | 27.251 | 1.02 |
| 9/25/2018 18:30 | 1715400 | 65.838 | 17.328 | 148.306 | 36661.484 | 42956.32 | 27.81 | 29.21 | 27.277 | 1.02 |
| 9/25/2018 18:45 | 1716300 | 65.826 | 17.328 | 148.278 | 36666.406 | 42962.262 | 27.815 | 29.214 | 27.273 | 1.02 |
| 9/25/2018 19:00 | 1717200 | 65.824 | 17.328 | 148.275 | 36670.262 | 42966.531 | 27.818 | 29.217 | 27.27 | 1.02 |
| 9/25/2018 19:15 | 1718100 | 65.83 | 17.327 | 148.288 | 36665.164 | 42960.898 | 27.814 | 29.213 | 27.274 | 1.02 |
| 9/25/2018 19:30 | 1719000 | 65.828 | 17.328 | 148.284 | 36679.391 | 42977.301 | 27.825 | 29.225 | 27.263 | 1.02 |
| 9/25/2018 19:45 | 1719900 | 65.827 | 17.328 | 148.281 | 36683.73 | 42982.563 | 27.829 | 29.228 | 27.26 | 1.02 |
| 9/25/2018 20:00 | 1720800 | 65.829 | 17.328 | 148.286 | 36703.34 | 43005.539 | 27.846 | 29.244 | 27.245 | 1.02 |
| 9/25/2018 20:15 | 1721700 | 65.834 | 17.328 | 148.298 | 36667.551 | 42963.355 | 27.815 | 29.215 | 27.272 | 1.02 |
| 9/25/2018 20:30 | 1722600 | 65.838 | 17.328 | 148.306 | 36684.855 | 42983.461 | 27.83 | 29.229 | 27.259 | 1.02 |
| 9/25/2018 20:45 | 1723500 | 65.853 | 17.327 | 148.34 | 36669.879 | 42966.422 | 27.818 | 29.217 | 27.27 | 1.02 |
| 9/25/2018 21:00 | 1724400 | 65.852 | 17.327 | 148.337 | 36676.566 | 42974.336 | 27.823 | 29.223 | 27.265 | 1.02 |
| 9/25/2018 21:15 | 1725300 | 65.861 | 17.328 | 148.358 | 36668.453 | 42964.324 | 27.816 | 29.216 | 27.271 | 1.02 |
| 9/25/2018 21:30 | 1726200 | 65.867 | 17.328 | 148.371 | 36647.734 | 42940.383 | 27.799 | 29.199 | 27.287 | 1.02 |
| 9/25/2018 21:45 | 1727100 | 65.854 | 17.327 | 148.344 | 36701.07 | 43002.969 | 27.844 | 29.242 | 27.247 | 1.02 |

| | | | | | | | | | | |
|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/26/2018 20:15 | 1808100 | 65.845 | 17.329 | 148.323 | 36672.273 | 42968.125 | 27.819 | 29.218 | 27.269 | 1.02 |
| 9/26/2018 20:30 | 1809000 | 65.854 | 17.328 | 148.343 | 36700.418 | 43001.352 | 27.843 | 29.241 | 27.248 | 1.02 |
| 9/26/2018 20:45 | 1809900 | 65.844 | 17.328 | 148.32 | 36704.418 | 43006.383 | 27.846 | 29.244 | 27.245 | 1.02 |
| 9/26/2018 21:00 | 1810800 | 65.864 | 17.329 | 148.358 | 36675.16 | 42971.34 | 27.821 | 29.221 | 27.266 | 1.02 |
| 9/26/2018 21:15 | 1811700 | 65.843 | 17.329 | 148.318 | 36711.223 | 43013.664 | 27.852 | 29.249 | 27.24 | 1.02 |
| 9/26/2018 21:30 | 1812600 | 65.853 | 17.329 | 148.339 | 36704.781 | 43006.047 | 27.846 | 29.244 | 27.244 | 1.02 |
| 9/26/2018 21:45 | 1813500 | 65.856 | 17.329 | 148.348 | 36699.832 | 43000.496 | 27.842 | 29.24 | 27.248 | 1.02 |
| 9/26/2018 22:00 | 1814400 | 65.854 | 17.328 | 148.344 | 36679.758 | 42977.145 | 27.825 | 29.224 | 27.263 | 1.02 |
| 9/26/2018 22:15 | 1815300 | 65.861 | 17.329 | 148.359 | 36681.949 | 42979.543 | 27.827 | 29.226 | 27.261 | 1.02 |
| 9/26/2018 22:30 | 1816200 | 65.864 | 17.328 | 148.365 | 36710.836 | 43013.727 | 27.852 | 29.249 | 27.24 | 1.02 |
| 9/26/2018 22:45 | 1817100 | 65.868 | 17.328 | 148.374 | 36680.73 | 42978.375 | 27.826 | 29.225 | 27.262 | 1.02 |
| 9/26/2018 23:00 | 1818000 | 65.871 | 17.329 | 148.38 | 36689.105 | 42987.93 | 27.833 | 29.232 | 27.256 | 1.02 |
| 9/26/2018 23:15 | 1818900 | 65.885 | 17.329 | 148.413 | 36703.895 | 43005.176 | 27.845 | 29.244 | 27.245 | 1.02 |
| 9/26/2018 23:30 | 1819800 | 65.873 | 17.329 | 148.385 | 36696.465 | 42996.469 | 27.839 | 29.238 | 27.251 | 1.02 |
| 9/26/2018 23:45 | 1820700 | 65.889 | 17.328 | 148.422 | 36723.242 | 43028.357 | 27.862 | 29.259 | 27.231 | 1.02 |
| 9/27/2018 0:00 | 1821600 | 65.882 | 17.329 | 148.405 | 36699.031 | 42999.477 | 27.841 | 29.24 | 27.249 | 1.02 |
| 9/27/2018 0:15 | 1822500 | 65.894 | 17.328 | 148.432 | 36662.48 | 42956.813 | 27.811 | 29.211 | 27.276 | 1.02 |
| 9/27/2018 0:30 | 1823400 | 65.9 | 17.328 | 148.445 | 36692.254 | 42991.785 | 27.836 | 29.234 | 27.254 | 1.02 |
| 9/27/2018 0:45 | 1824300 | 65.894 | 17.328 | 148.433 | 36710.109 | 43012.875 | 27.851 | 29.249 | 27.24 | 1.02 |
| 9/27/2018 1:00 | 1825200 | 65.887 | 17.329 | 148.416 | 36707.129 | 43008.867 | 27.848 | 29.246 | 27.243 | 1.02 |
| 9/27/2018 1:15 | 1826100 | 65.887 | 17.328 | 148.416 | 36703.09 | 43004.828 | 27.845 | 29.243 | 27.246 | 1.02 |
| 9/27/2018 1:30 | 1827000 | 65.889 | 17.328 | 148.421 | 36683.449 | 42981.727 | 27.829 | 29.228 | 27.26 | 1.02 |
| 9/27/2018 1:45 | 1827900 | 65.888 | 17.328 | 148.419 | 36705.172 | 43007.012 | 27.847 | 29.245 | 27.244 | 1.02 |
| 9/27/2018 2:00 | 1828800 | 65.886 | 17.328 | 148.414 | 36729.02 | 43035.031 | 27.867 | 29.264 | 27.226 | 1.02 |
| 9/27/2018 2:15 | 1829700 | 65.898 | 17.328 | 148.443 | 36714.133 | 43017.59 | 27.854 | 29.252 | 27.237 | 1.02 |
| 9/27/2018 2:30 | 1830600 | 65.885 | 17.328 | 148.411 | 36666.324 | 42961.492 | 27.814 | 29.214 | 27.273 | 1.02 |
| 9/27/2018 2:45 | 1831500 | 65.882 | 17.329 | 148.405 | 36729.563 | 43035.25 | 27.867 | 29.264 | 27.226 | 1.02 |
| 9/27/2018 3:00 | 1832400 | 65.881 | 17.328 | 148.402 | 36715.867 | 43019.543 | 27.856 | 29.253 | 27.236 | 1.02 |
| 9/27/2018 3:15 | 1833300 | 65.877 | 17.328 | 148.395 | 36688.539 | 42987.434 | 27.833 | 29.231 | 27.256 | 1.02 |
| 9/27/2018 3:30 | 1834200 | 65.875 | 17.328 | 148.39 | 36677.773 | 42974.73 | 27.824 | 29.223 | 27.264 | 1.02 |
| 9/27/2018 3:45 | 1835100 | 65.872 | 17.329 | 148.384 | 36698.402 | 42998.738 | 27.841 | 29.239 | 27.249 | 1.02 |
| 9/27/2018 4:00 | 1836000 | 65.881 | 17.329 | 148.404 | 36681.813 | 42979.383 | 27.827 | 29.226 | 27.261 | 1.02 |
| 9/27/2018 4:15 | 1836900 | 65.88 | 17.329 | 148.4 | 36706.117 | 43007.781 | 27.847 | 29.245 | 27.243 | 1.02 |
| 9/27/2018 4:30 | 1837800 | 65.863 | 17.328 | 148.363 | 36681.398 | 42979.066 | 27.827 | 29.226 | 27.262 | 1.02 |
| 9/27/2018 4:45 | 1838700 | 65.87 | 17.328 | 148.378 | 36695.145 | 42995.086 | 27.838 | 29.237 | 27.252 | 1.02 |
| 9/27/2018 5:00 | 1839600 | 65.869 | 17.328 | 148.376 | 36733.16 | 43039.715 | 27.87 | 29.267 | 27.223 | 1.02 |
| 9/27/2018 5:15 | 1840500 | 65.852 | 17.328 | 148.339 | 36731.059 | 43037.422 | 27.869 | 29.265 | 27.225 | 1.02 |
| 9/27/2018 5:30 | 1841400 | 65.848 | 17.328 | 148.329 | 36701.211 | 43002.449 | 27.843 | 29.242 | 27.247 | 1.02 |
| 9/27/2018 5:45 | 1842300 | 65.858 | 17.328 | 148.353 | 36700.027 | 43000.805 | 27.842 | 29.241 | 27.248 | 1.02 |
| 9/27/2018 6:00 | 1843200 | 65.859 | 17.329 | 148.353 | 36713.629 | 43016.414 | 27.854 | 29.251 | 27.238 | 1.02 |
| 9/27/2018 6:15 | 1844100 | 65.856 | 17.329 | 148.346 | 36691.395 | 42990.191 | 27.835 | 29.233 | 27.254 | 1.02 |
| 9/27/2018 6:30 | 1845000 | 65.835 | 17.329 | 148.3 | 36704.66 | 43006.152 | 27.846 | 29.244 | 27.244 | 1.02 |
| 9/27/2018 6:45 | 1845900 | 65.852 | 17.328 | 148.338 | 36694.051 | 42993.805 | 27.837 | 29.236 | 27.252 | 1.02 |
| 9/27/2018 7:00 | 1846800 | 65.835 | 17.329 | 148.299 | 36674.492 | 42970.469 | 27.821 | 29.22 | 27.267 | 1.02 |
| 9/27/2018 7:15 | 1847700 | 65.849 | 17.328 | 148.331 | 36684.207 | 42982.445 | 27.829 | 29.228 | 27.26 | 1.02 |
| 9/27/2018 7:30 | 1848600 | 65.834 | 17.329 | 148.297 | 36704.199 | 43005.191 | 27.845 | 29.244 | 27.245 | 1.02 |
| 9/27/2018 7:45 | 1849500 | 65.836 | 17.329 | 148.302 | 36686.707 | 42984.941 | 27.831 | 29.23 | 27.258 | 1.02 |
| 9/27/2018 8:00 | 1850400 | 65.835 | 17.329 | 148.299 | 36674.281 | 42970.477 | 27.821 | 29.22 | 27.267 | 1.02 |
| 9/27/2018 8:15 | 1851300 | 65.832 | 17.329 | 148.294 | 36677.172 | 42973.77 | 27.823 | 29.222 | 27.265 | 1.02 |
| 9/27/2018 8:30 | 1852200 | 65.85 | 17.329 | 148.333 | 36679.152 | 42976.184 | 27.825 | 29.224 | 27.263 | 1.02 |
| 9/27/2018 8:45 | 1853100 | 65.851 | 17.329 | 148.336 | 36699.723 | 43000.191 | 27.842 | 29.24 | 27.248 | 1.02 |
| 9/27/2018 9:00 | 1854000 | 65.839 | 17.328 | 148.309 | 36701.797 | 43003.313 | 27.844 | 29.242 | 27.247 | 1.02 |
| 9/27/2018 9:15 | 1854900 | 65.838 | 17.329 | 148.307 | 36690.895 | 42989.688 | 27.834 | 29.233 | 27.255 | 1.02 |
| 9/27/2018 9:30 | 1855800 | 65.844 | 17.329 | 148.32 | 36694.711 | 42994.414 | 27.838 | 29.236 | 27.252 | 1.02 |
| 9/27/2018 9:45 | 1856700 | 65.849 | 17.328 | 148.33 | 36709.289 | 43011.746 | 27.85 | 29.248 | 27.241 | 1.02 |
| 9/27/2018 10:00 | 1857600 | 65.85 | 17.329 | 148.334 | 36712.418 | 43015.242 | 27.853 | 29.25 | 27.239 | 1.02 |
| 9/27/2018 10:15 | 1858500 | 65.866 | 17.329 | 148.369 | 36700.289 | 43001.031 | 27.842 | 29.241 | 27.248 | 1.02 |
| 9/27/2018 10:30 | 1859400 | 65.874 | 17.329 | 148.388 | 36695.348 | 42995.242 | 27.838 | 29.237 | 27.251 | 1.02 |
| 9/27/2018 10:45 | 1860300 | 65.876 | 17.328 | 148.392 | 36675.684 | 42972.371 | 27.822 | 29.221 | 27.266 | 1.02 |
| 9/27/2018 11:00 | 1861200 | 65.86 | 17.329 | 148.356 | 36697.109 | 42997.305 | 27.84 | 29.238 | 27.25 | 1.02 |
| 9/27/2018 11:15 | 1862100 | 65.867 | 17.329 | 148.373 | 36688.008 | 42986.563 | 27.832 | 29.231 | 27.257 | 1.02 |
| 9/27/2018 11:30 | 1863000 | 65.889 | 17.329 | 148.422 | 36724.656 | 43029.332 | 27.863 | 29.26 | 27.23 | 1.02 |
| 9/27/2018 11:45 | 1863900 | 65.878 | 17.328 | 148.396 | 36719.598 | 43023.738 | 27.859 | 29.256 | 27.233 | 1.02 |
| 9/27/2018 12:00 | 1864800 | 65.887 | 17.329 | 148.416 | 36689.621 | 42988.453 | 27.833 | 29.232 | 27.256 | 1.02 |
| 9/27/2018 12:15 | 1865700 | 65.874 | 17.329 | 148.387 | 36678.121 | 42974.809 | 27.824 | 29.223 | 27.264 | 1.02 |
| 9/27/2018 12:30 | 1866600 | 65.882 | 17.328 | 148.407 | 36701.344 | 43002.438 | 27.843 | 29.242 | 27.247 | 1.02 |
| 9/27/2018 12:45 | 1867500 | 65.885 | 17.329 | 148.412 | 36722.035 | 43026.43 | 27.861 | 29.258 | 27.232 | 1.02 |
| 9/27/2018 13:00 | 1868400 | 65.896 | 17.329 | 148.437 | 36701.777 | 43002.777 | 27.844 | 29.242 | 27.247 | 1.02 |
| 9/27/2018 13:15 | 1869300 | 65.883 | 17.328 | 148.408 | 36682.422 | 42980.355 | 27.828 | 29.227 | 27.261 | 1.02 |
| 9/27/2018 13:30 | 1870200 | 65.886 | 17.328 | 148.414 | 36719.809 | 43024.418 | 27.859 | 29.257 | 27.233 | 1.02 |
| 9/27/2018 13:45 | 1871100 | 65.896 | 17.329 | 148.437 | 36696.297 | 42996.355 | 27.839 | 29.238 | 27.251 | 1.02 |
| 9/27/2018 14:00 | 1872000 | 65.882 | 17.329 | 148.405 | 36724.09 | 43029.512 | 27.863 | 29.26 | 27.23 | 1.02 |
| 9/27/2018 14:15 | 1872900 | 65.884 | 17.329 | 148.411 | 36725.453 | 43030.434 | 27.864 | 29.261 | 27.229 | 1.02 |
| 9/27/2018 14:30 | 1873800 | 65.882 | 17.329 | 148.405 | 36729.898 | 43035.645 | 27.867 | 29.264 | 27.226 | 1.02 |
| 9/27/2018 14:45 | 1874700 | 65.88 | 17.329 | 148.402 | 36707.105 | 43008.938 | 27.848 | 29.246 | 27.243 | 1.02 |
| 9/27/2018 15:00 | 1875600 | 65.875 | 17.328 | 148.39 | 36707.625 | 43009.797 | 27.849 | 29.247 | 27.242 | 1.02 |
| 9/27/2018 15:15 | 1876500 | 65.874 | 17.329 | 148.387 | 36740.098 | 43047.34 | 27.876 | 29.272 | 27.218 | 1.02 |
| 9/27/2018 15:30 | 1877400 | 65.883 | 17.329 | 148.408 | 36711.797 | 43014.34 | 27.852 | 29.25 | 27.239 | 1.02 |
| 9/27/2018 15:45 | 1878300 | 65.88 | 17.329 | 148.401 | 36720.684 | 43024.59 | 27.859 | 29.257 | 27.233 | 1.02 |
| 9/27/2018 16:00 | 1879200 | 65.877 | 17.329 | 148.395 | 36690.957 | 42989.676 | 27.834 | 29.233 | 27.255 | 1.02 |
| 9/27/2018 16:15 | 1880100 | 65.861 | 17.328 | 148.359 | 36702.273 | 43003.785 | 27.844 | 29.243 | 27.246 | 1.02 |
| 9/27/2018 16:30 | 1881000 | 65.866 | 17.328 | 148.37 | 36706.699 | 43008.625 | 27.848 | 29.246 | 27.243 | 1.02 |
| 9/27/2018 16:45 | 1881900 | 65.853 | 17.329 | 148.339 | 36714.273 | 43017.336 | 27.854 | 29.252 | 27.237 | 1.02 |
| 9/27/2018 17:00 | 1882800 | 65.858 | 17.329 | 148.353 | 36716.145 | 43019.109 | 27.855 | 29.253 | 27.236 | 1.02 |
| 9/27/2018 17:15 | 1883700 | 65.844 | 17.329 | 148.321 | 36725.219 | 43029.992 | 27.863 | 29.26 | 27.229 | 1.02 |
| 9/27/2018 17:30 | 1884600 | 65.843 | 17.329 | 148.317 | 36701.82 | 43002.746 | 27.844 | 29.242 | 27.247 | 1.02 |
| 9/27/2018 17:45 | 1885500 | 65.842 | 17.329 | 148.316 | 36712.188 | 43014.637 | 27.852 | 29.245 | 27.239 | 1.02 |
| 9/27/2018 18:00 | 1886400 | 65.849 | 17.329 | 148.33 | 36679.5 | 42976.336 | 27.825 | 29.224 | 27.263 | 1.02 |
| 9/27/2018 18:15 | 1887300 | 65.832 | 17.329 | 148.294 | 36702.535 | 43003.664 | 27.844 | 29.242 | 27.246 | 1.02 |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/28/2018 16:45 | 1968300 | 65.888 | 17.33 | 148.418 | 36710.848 | 43012.387 | 27.851 | 29.248 | 27.24 | 1.02 |
| 9/28/2018 17:00 | 1969200 | 65.869 | 17.329 | 148.377 | 36687.656 | 42985.73 | 27.832 | 29.23 | 27.257 | 1.02 |
| 9/28/2018 17:15 | 1970100 | 65.868 | 17.329 | 148.374 | 36715.742 | 43018.641 | 27.855 | 29.253 | 27.236 | 1.02 |
| 9/28/2018 17:30 | 1971000 | 65.875 | 17.33 | 148.39 | 36686.801 | 42984.215 | 27.83 | 29.229 | 27.258 | 1.02 |
| 9/28/2018 17:45 | 1971900 | 65.859 | 17.329 | 148.354 | 36691.195 | 42989.453 | 27.834 | 29.233 | 27.254 | 1.02 |
| 9/28/2018 18:00 | 1972800 | 65.851 | 17.329 | 148.337 | 36697.93 | 42997.344 | 27.84 | 29.238 | 27.249 | 1.02 |
| 9/28/2018 18:15 | 1973700 | 65.848 | 17.329 | 148.329 | 36673.523 | 42968.832 | 27.819 | 29.219 | 27.268 | 1.02 |
| 9/28/2018 18:30 | 1974600 | 65.858 | 17.329 | 148.353 | 36675.789 | 42971.906 | 27.822 | 29.221 | 27.266 | 1.02 |
| 9/28/2018 18:45 | 1975500 | 65.842 | 17.33 | 148.316 | 36708.242 | 43009.168 | 27.848 | 29.246 | 27.242 | 1.02 |
| 9/28/2018 19:00 | 1976400 | 65.85 | 17.329 | 148.333 | 36700.418 | 43000.258 | 27.842 | 29.24 | 27.248 | 1.02 |
| 9/28/2018 19:15 | 1977300 | 65.831 | 17.329 | 148.291 | 36692.723 | 42991.57 | 27.836 | 29.234 | 27.253 | 1.02 |
| 9/28/2018 19:30 | 1978200 | 65.843 | 17.33 | 148.317 | 36693.707 | 42992.234 | 27.836 | 29.235 | 27.253 | 1.02 |
| 9/28/2018 19:45 | 1979100 | 65.826 | 17.33 | 148.28 | 36676.633 | 42972.133 | 27.822 | 29.221 | 27.265 | 1.02 |
| 9/28/2018 20:00 | 1980000 | 65.823 | 17.33 | 148.273 | 36699.637 | 42999.18 | 27.841 | 29.239 | 27.248 | 1.02 |
| 9/28/2018 20:15 | 1980900 | 65.822 | 17.33 | 148.27 | 36706.094 | 43006.746 | 27.847 | 29.245 | 27.243 | 1.02 |
| 9/28/2018 20:30 | 1981800 | 65.831 | 17.33 | 148.292 | 36691.137 | 42989.293 | 27.834 | 29.233 | 27.255 | 1.02 |
| 9/28/2018 20:45 | 1982700 | 65.822 | 17.329 | 148.27 | 36702.043 | 43002.16 | 27.843 | 29.241 | 27.246 | 1.02 |
| 9/28/2018 21:00 | 1983600 | 65.817 | 17.329 | 148.259 | 36710.633 | 43012.227 | 27.851 | 29.248 | 27.24 | 1.02 |
| 9/28/2018 21:15 | 1984500 | 65.836 | 17.329 | 148.301 | 36712.25 | 43014.121 | 27.852 | 29.25 | 27.239 | 1.02 |
| 9/28/2018 21:30 | 1985400 | 65.822 | 17.329 | 148.27 | 36710.676 | 43012.277 | 27.851 | 29.248 | 27.24 | 1.02 |
| 9/28/2018 21:45 | 1986300 | 65.834 | 17.329 | 148.298 | 36699.664 | 42999.535 | 27.841 | 29.24 | 27.248 | 1.02 |
| 9/28/2018 22:00 | 1987200 | 65.817 | 17.33 | 148.26 | 36671.5 | 42965.949 | 27.817 | 29.217 | 27.269 | 1.02 |
| 9/28/2018 22:15 | 1988100 | 65.82 | 17.329 | 148.265 | 36711.43 | 43013.16 | 27.851 | 29.249 | 27.239 | 1.02 |
| 9/28/2018 22:30 | 1989000 | 65.821 | 17.33 | 148.268 | 36689.945 | 42987.824 | 27.833 | 29.232 | 27.255 | 1.02 |
| 9/28/2018 22:45 | 1989900 | 65.84 | 17.329 | 148.31 | 36708.773 | 43010.211 | 27.849 | 29.247 | 27.241 | 1.02 |
| 9/28/2018 23:00 | 1990800 | 65.826 | 17.329 | 148.278 | 36717.066 | 43019.766 | 27.856 | 29.253 | 27.235 | 1.02 |
| 9/28/2018 23:15 | 1991700 | 65.846 | 17.33 | 148.326 | 36704.691 | 43005.008 | 27.845 | 29.243 | 27.244 | 1.02 |
| 9/28/2018 23:30 | 1992600 | 65.841 | 17.33 | 148.314 | 36695.121 | 42993.723 | 27.837 | 29.236 | 27.252 | 1.02 |
| 9/28/2018 23:45 | 1993500 | 65.844 | 17.329 | 148.321 | 36716.672 | 43019.465 | 27.856 | 29.253 | 27.236 | 1.02 |
| 9/29/2018 0:00 | 1994400 | 65.837 | 17.33 | 148.305 | 36680.145 | 42975.828 | 27.824 | 29.224 | 27.263 | 1.02 |
| 9/29/2018 0:15 | 1995300 | 65.855 | 17.329 | 148.345 | 36695.711 | 42994.906 | 27.838 | 29.237 | 27.251 | 1.02 |
| 9/29/2018 0:30 | 1996200 | 65.844 | 17.33 | 148.332 | 36707.438 | 43008.055 | 27.848 | 29.245 | 27.242 | 1.02 |
| 9/29/2018 0:45 | 1997100 | 65.861 | 17.329 | 148.358 | 36699.508 | 42999.277 | 27.841 | 29.24 | 27.248 | 1.02 |
| 9/29/2018 1:00 | 1998000 | 65.863 | 17.33 | 148.362 | 36706.516 | 43006.977 | 27.847 | 29.245 | 27.243 | 1.02 |
| 9/29/2018 1:15 | 1998900 | 65.857 | 17.33 | 148.349 | 36674.672 | 42969.93 | 27.82 | 29.222 | 27.267 | 1.02 |
| 9/29/2018 1:30 | 1999800 | 65.855 | 17.33 | 148.345 | 36701.242 | 43000.895 | 27.842 | 29.241 | 27.247 | 1.02 |
| 9/29/2018 1:45 | 2000700 | 65.874 | 17.329 | 148.387 | 36703.523 | 43003.895 | 27.845 | 29.243 | 27.245 | 1.02 |
| 9/29/2018 2:00 | 2001600 | 65.873 | 17.329 | 148.386 | 36709.145 | 43010.645 | 27.849 | 29.247 | 27.241 | 1.02 |
| 9/29/2018 2:15 | 2002500 | 65.881 | 17.33 | 148.403 | 36706.66 | 43007.48 | 27.847 | 29.245 | 27.243 | 1.02 |
| 9/29/2018 2:30 | 2003400 | 65.864 | 17.33 | 148.365 | 36702.43 | 43002.453 | 27.844 | 29.242 | 27.246 | 1.02 |
| 9/29/2018 2:45 | 2004300 | 65.867 | 17.33 | 148.372 | 36696.91 | 42995.891 | 27.839 | 29.237 | 27.25 | 1.02 |
| 9/29/2018 3:00 | 2005200 | 65.882 | 17.33 | 148.405 | 36702.637 | 43002.766 | 27.844 | 29.242 | 27.246 | 1.02 |
| 9/29/2018 3:15 | 2006100 | 65.887 | 17.33 | 148.416 | 36700.488 | 43000.18 | 27.842 | 29.24 | 27.248 | 1.02 |
| 9/29/2018 3:30 | 2007000 | 65.885 | 17.33 | 148.413 | 36738.594 | 43044.898 | 27.874 | 29.271 | 27.219 | 1.02 |
| 9/29/2018 3:45 | 2007900 | 65.871 | 17.33 | 148.38 | 36714.078 | 43016.004 | 27.853 | 29.251 | 27.238 | 1.02 |
| 9/29/2018 4:00 | 2008800 | 65.871 | 17.33 | 148.381 | 36691.586 | 42989.652 | 27.834 | 29.233 | 27.254 | 1.02 |
| 9/29/2018 4:15 | 2009700 | 65.875 | 17.329 | 148.39 | 36711.473 | 43013.211 | 27.851 | 29.249 | 27.239 | 1.02 |
| 9/29/2018 4:30 | 2010600 | 65.871 | 17.329 | 148.38 | 36691.129 | 42989.703 | 27.834 | 29.233 | 27.255 | 1.02 |
| 9/29/2018 4:45 | 2011500 | 65.888 | 17.33 | 148.418 | 36688.301 | 42985.633 | 27.831 | 29.23 | 27.257 | 1.02 |
| 9/29/2018 5:00 | 2012400 | 65.884 | 17.33 | 148.409 | 36709.738 | 43011.016 | 27.85 | 29.247 | 27.241 | 1.02 |
| 9/29/2018 5:15 | 2013300 | 65.87 | 17.33 | 148.379 | 36718.992 | 43021.691 | 27.857 | 29.255 | 27.234 | 1.02 |
| 9/29/2018 5:30 | 2014200 | 65.87 | 17.33 | 148.377 | 36724.977 | 43028.773 | 27.862 | 29.26 | 27.229 | 1.02 |
| 9/29/2018 5:45 | 2015100 | 65.879 | 17.33 | 148.399 | 36721 | 43024.113 | 27.859 | 29.256 | 27.232 | 1.02 |
| 9/29/2018 6:00 | 2016000 | 65.877 | 17.33 | 148.394 | 36705.926 | 43006.453 | 27.846 | 29.244 | 27.244 | 1.02 |
| 9/29/2018 6:15 | 2016900 | 65.862 | 17.33 | 148.36 | 36697.109 | 42995.793 | 27.839 | 29.237 | 27.25 | 1.02 |
| 9/29/2018 6:30 | 2017800 | 65.863 | 17.33 | 148.363 | 36718.035 | 43020.809 | 27.857 | 29.254 | 27.235 | 1.02 |
| 9/29/2018 6:45 | 2018700 | 65.872 | 17.33 | 148.382 | 36721.855 | 43025.285 | 27.86 | 29.257 | 27.232 | 1.02 |
| 9/29/2018 7:00 | 2019600 | 65.859 | 17.33 | 148.354 | 36713.77 | 43015.57 | 27.853 | 29.251 | 27.238 | 1.02 |
| 9/29/2018 7:15 | 2020500 | 65.854 | 17.33 | 148.344 | 36691.105 | 42989.016 | 27.834 | 29.233 | 27.255 | 1.02 |
| 9/29/2018 7:30 | 2021400 | 65.868 | 17.33 | 148.374 | 36705.703 | 43006.121 | 27.846 | 29.244 | 27.244 | 1.02 |
| 9/29/2018 7:45 | 2022300 | 65.854 | 17.33 | 148.344 | 36697.863 | 42996.934 | 27.84 | 29.238 | 27.25 | 1.02 |
| 9/29/2018 8:00 | 2023200 | 65.868 | 17.33 | 148.374 | 36708.793 | 43009.738 | 27.849 | 29.247 | 27.241 | 1.02 |
| 9/29/2018 8:15 | 2024100 | 65.868 | 17.33 | 148.374 | 36700.176 | 42999.465 | 27.841 | 29.24 | 27.248 | 1.02 |
| 9/29/2018 8:30 | 2025000 | 65.851 | 17.33 | 148.337 | 36716.906 | 43019.148 | 27.856 | 29.253 | 27.235 | 1.02 |
| 9/29/2018 8:45 | 2025900 | 65.853 | 17.33 | 148.341 | 36706.758 | 43007.098 | 27.847 | 29.245 | 27.243 | 1.02 |
| 9/29/2018 9:00 | 2026800 | 65.854 | 17.33 | 148.343 | 36704.367 | 43004.457 | 27.845 | 29.243 | 27.245 | 1.02 |
| 9/29/2018 9:15 | 2027700 | 65.87 | 17.33 | 148.379 | 36733.918 | 43039 | 27.87 | 29.267 | 27.223 | 1.02 |
| 9/29/2018 9:30 | 2028600 | 65.855 | 17.331 | 148.344 | 36680.902 | 42976.371 | 27.825 | 29.224 | 27.262 | 1.02 |
| 9/29/2018 9:45 | 2029500 | 65.861 | 17.33 | 148.359 | 36699.898 | 42999.141 | 27.841 | 29.239 | 27.248 | 1.02 |
| 9/29/2018 10:00 | 2030400 | 65.859 | 17.33 | 148.354 | 36709.156 | 43009.746 | 27.849 | 29.247 | 27.241 | 1.02 |
| 9/29/2018 10:15 | 2031300 | 65.863 | 17.33 | 148.363 | 36705.121 | 43005.094 | 27.845 | 29.243 | 27.244 | 1.02 |
| 9/29/2018 10:30 | 2032200 | 65.866 | 17.33 | 148.369 | 36703.219 | 43003.031 | 27.844 | 29.242 | 27.246 | 1.02 |
| 9/29/2018 10:45 | 2033100 | 65.886 | 17.33 | 148.414 | 36708.875 | 43009.836 | 27.849 | 29.247 | 27.241 | 1.02 |
| 9/29/2018 11:00 | 2034000 | 65.871 | 17.33 | 148.38 | 36727.625 | 43031.289 | 27.864 | 29.261 | 27.227 | 1.02 |
| 9/29/2018 11:15 | 2034900 | 65.877 | 17.33 | 148.394 | 36721.109 | 43023.824 | 27.859 | 29.256 | 27.232 | 1.02 |
| 9/29/2018 11:30 | 2035800 | 65.88 | 17.33 | 148.402 | 36695.082 | 42993.332 | 27.837 | 29.235 | 27.252 | 1.02 |
| 9/29/2018 11:45 | 2036700 | 65.896 | 17.33 | 148.436 | 36681.895 | 42977.965 | 27.826 | 29.225 | 27.261 | 1.02 |
| 9/29/2018 12:00 | 2037600 | 65.898 | 17.33 | 148.442 | 36713.559 | 43014.977 | 27.853 | 29.225 | 27.238 | 1.02 |
| 9/29/2018 12:15 | 2038500 | 65.89 | 17.33 | 148.423 | 36709.477 | 43010.195 | 27.849 | 29.247 | 27.241 | 1.02 |
| 9/29/2018 12:30 | 2039400 | 65.91 | 17.33 | 148.468 | 36697.668 | 42996.527 | 27.839 | 29.238 | 27.25 | 1.02 |
| 9/29/2018 12:45 | 2040300 | 65.895 | 17.33 | 148.436 | 36708.195 | 43008.781 | 27.848 | 29.246 | 27.242 | 1.02 |
| 9/29/2018 13:00 | 2041200 | 65.902 | 17.33 | 148.451 | 36696.621 | 42995.059 | 27.838 | 29.237 | 27.25 | 1.02 |
| 9/29/2018 13:15 | 2042100 | 65.917 | 17.33 | 148.485 | 36704.336 | 43004.52 | 27.845 | 29.243 | 27.245 | 1.02 |
| 9/29/2018 13:30 | 2043000 | 65.918 | 17.33 | 148.487 | 36712.93 | 43014.828 | 27.852 | 29.25 | 27.238 | 1.02 |
| 9/29/2018 13:45 | 2043900 | 65.919 | 17.33 | 148.49 | 36721.023 | 43024.141 | 27.859 | 29.256 | 27.232 | 1.02 |
| 9/29/2018 14:00 | 2044800 | 65.911 | 17.33 | 148.471 | 36701.559 | 43001.004 | 27.843 | 29.241 | 27.247 | 1.02 |
| 9/29/2018 14:15 | 2045700 | 65.908 | 17.33 | 148.464 | 36734.945 | 43040.285 | 27.871 | 29.267 | 27.222 | 1.02 |
| 9/29/2018 14:30 | 2046600 | 65.912 | 17.33 | 148.472 | 36691.516 | 42989.32 | 27.834 | 29.233 | 27.254 | 1.02 |
| 9/29/2018 14:45 | 2047500 | 65.91 | 17.33 | 148.469 | 36692.57 | 42990.805 | 27.835 | 29.234 | 2 | |

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|-----------------|---------|--------|-------|---------|-----------|-----------|--------|--------|--------|------|
| 9/30/2018 13:15 | 2128500 | 65.882 | 17.33 | 148.405 | 36715.734 | 43017.777 | 27.855 | 29.252 | 27.236 | 1.02 |
| 9/30/2018 13:30 | 2129400 | 65.884 | 17.33 | 148.411 | 36709.703 | 43010.547 | 27.849 | 29.247 | 27.241 | 1.02 |
| 9/30/2018 13:45 | 2130300 | 65.889 | 17.33 | 148.422 | 36700.543 | 42999.469 | 27.841 | 29.244 | 27.248 | 1.02 |
| 9/30/2018 14:00 | 2131200 | 65.903 | 17.33 | 148.454 | 36729.164 | 43033.43 | 27.866 | 29.263 | 27.226 | 1.02 |
| 9/30/2018 14:15 | 2132100 | 65.906 | 17.33 | 148.459 | 36692.793 | 42990.648 | 27.856 | 29.234 | 27.253 | 1.02 |
| 9/30/2018 14:30 | 2133000 | 65.896 | 17.33 | 148.437 | 36735.117 | 43040.582 | 27.871 | 29.268 | 27.222 | 1.02 |
| 9/30/2018 14:45 | 2133900 | 65.898 | 17.33 | 148.441 | 36729.695 | 43033.883 | 27.866 | 29.263 | 27.226 | 1.02 |
| 9/30/2018 15:00 | 2134800 | 65.899 | 17.33 | 148.444 | 36700.363 | 42999.934 | 27.842 | 29.24 | 27.248 | 1.02 |
| 9/30/2018 15:15 | 2135700 | 65.902 | 17.33 | 148.45 | 36701.867 | 43001.367 | 27.843 | 29.241 | 27.247 | 1.02 |
| 9/30/2018 15:30 | 2136600 | 65.9 | 17.33 | 148.446 | 36730.18 | 43034.195 | 27.866 | 29.263 | 27.226 | 1.02 |
| 9/30/2018 15:45 | 2137500 | 65.913 | 17.33 | 148.475 | 36727.676 | 43031.77 | 27.865 | 29.262 | 27.227 | 1.02 |
| 9/30/2018 16:00 | 2138400 | 65.901 | 17.33 | 148.449 | 36710.086 | 43011.078 | 27.85 | 29.248 | 27.24 | 1.02 |
| 9/30/2018 16:15 | 2139300 | 65.897 | 17.33 | 148.439 | 36734.664 | 43040.125 | 27.871 | 29.267 | 27.222 | 1.02 |
| 9/30/2018 16:30 | 2140200 | 65.899 | 17.33 | 148.444 | 36716.66 | 43018.445 | 27.855 | 29.253 | 27.236 | 1.02 |
| 9/30/2018 16:45 | 2141100 | 65.908 | 17.33 | 148.465 | 36721.266 | 43024.094 | 27.859 | 29.256 | 27.232 | 1.02 |
| 9/30/2018 17:00 | 2142000 | 65.894 | 17.33 | 148.432 | 36725.145 | 43028.641 | 27.862 | 29.259 | 27.229 | 1.02 |
| 9/30/2018 17:15 | 2142900 | 65.909 | 17.33 | 148.467 | 36709.422 | 43010.301 | 27.849 | 29.247 | 27.241 | 1.02 |
| 9/30/2018 17:30 | 2143800 | 65.891 | 17.33 | 148.426 | 36736.902 | 43041.984 | 27.872 | 29.269 | 27.221 | 1.02 |
| 9/30/2018 17:45 | 2144700 | 65.886 | 17.33 | 148.415 | 36738.02 | 43043.805 | 27.873 | 29.27 | 27.22 | 1.02 |
| 9/30/2018 18:00 | 2145600 | 65.899 | 17.33 | 148.444 | 36728.281 | 43032.152 | 27.865 | 29.262 | 27.227 | 1.02 |
| 9/30/2018 18:15 | 2146500 | 65.88 | 17.33 | 148.402 | 36743.922 | 43050.293 | 27.878 | 29.274 | 27.215 | 1.02 |
| 9/30/2018 18:30 | 2147400 | 65.89 | 17.33 | 148.424 | 36696.266 | 42994.551 | 27.838 | 29.236 | 27.251 | 1.02 |
| 9/30/2018 18:45 | 2148300 | 65.886 | 17.33 | 148.415 | 36730.813 | 43035.281 | 27.867 | 29.264 | 27.225 | 1.02 |
| 9/30/2018 19:00 | 2149200 | 65.881 | 17.33 | 148.404 | 36724.156 | 43026.977 | 27.861 | 29.258 | 27.223 | 1.02 |
| 9/30/2018 19:15 | 2150100 | 65.866 | 17.33 | 148.369 | 36701.313 | 43000.043 | 27.842 | 29.24 | 27.247 | 1.02 |
| 9/30/2018 19:30 | 2151000 | 65.858 | 17.33 | 148.352 | 36713.641 | 43015.324 | 27.853 | 29.25 | 27.238 | 1.02 |
| 9/30/2018 19:45 | 2151900 | 65.855 | 17.33 | 148.344 | 36725.563 | 43028.453 | 27.862 | 29.259 | 27.229 | 1.02 |
| 9/30/2018 20:00 | 2152800 | 65.85 | 17.33 | 148.333 | 36717.441 | 43019.527 | 27.856 | 29.253 | 27.235 | 1.02 |
| 9/30/2018 20:15 | 2153700 | 65.857 | 17.33 | 148.348 | 36707.75 | 43007.914 | 27.848 | 29.245 | 27.242 | 1.02 |
| 9/30/2018 20:30 | 2154600 | 65.852 | 17.33 | 148.338 | 36716.656 | 43018.609 | 27.855 | 29.253 | 27.236 | 1.02 |
| 9/30/2018 20:45 | 2155500 | 65.838 | 17.33 | 148.307 | 36726.152 | 43029.387 | 27.863 | 29.26 | 27.229 | 1.02 |
| 9/30/2018 21:00 | 2156400 | 65.847 | 17.33 | 148.326 | 36710.391 | 43011.008 | 27.85 | 29.247 | 27.24 | 1.02 |
| 9/30/2018 21:15 | 2157300 | 65.827 | 17.33 | 148.282 | 36721.043 | 43023.578 | 27.859 | 29.256 | 27.232 | 1.02 |
| 9/30/2018 21:30 | 2158200 | 65.837 | 17.33 | 148.303 | 36727.625 | 43031.289 | 27.864 | 29.261 | 27.227 | 1.02 |
| 9/30/2018 21:45 | 2159100 | 65.838 | 17.33 | 148.306 | 36714.863 | 43016.16 | 27.853 | 29.251 | 27.237 | 1.02 |
| 9/30/2018 22:00 | 2160000 | 65.82 | 17.33 | 148.267 | 36708.863 | 43008.965 | 27.848 | 29.246 | 27.241 | 1.02 |
| 9/30/2018 22:15 | 2160900 | 65.829 | 17.33 | 148.287 | 36690.867 | 42988.316 | 27.833 | 29.232 | 27.255 | 1.02 |
| 9/30/2018 22:30 | 2161800 | 65.827 | 17.33 | 148.281 | 36708.926 | 43009.477 | 27.849 | 29.246 | 27.241 | 1.02 |
| 9/30/2018 22:45 | 2162700 | 65.814 | 17.33 | 148.251 | 36697.996 | 42996.488 | 27.839 | 29.238 | 27.249 | 1.02 |
| 9/30/2018 23:00 | 2163600 | 65.823 | 17.33 | 148.272 | 36716.543 | 43018.129 | 27.855 | 29.252 | 27.236 | 1.02 |
| 9/30/2018 23:15 | 2164500 | 65.829 | 17.33 | 148.286 | 36707.75 | 43008.004 | 27.848 | 29.245 | 27.242 | 1.02 |
| 9/30/2018 23:30 | 2165400 | 65.809 | 17.33 | 148.241 | 36717.168 | 43018.949 | 27.855 | 29.253 | 27.235 | 1.02 |
| 9/30/2018 23:45 | 2166300 | 65.81 | 17.33 | 148.244 | 36728.691 | 43032.539 | 27.865 | 29.262 | 27.227 | 1.02 |
| 10/1/2018 0:00 | 2167200 | 65.824 | 17.33 | 148.275 | 36706.113 | 43005.996 | 27.846 | 29.244 | 27.243 | 1.02 |
| 10/1/2018 0:15 | 2168100 | 65.813 | 17.33 | 148.251 | 36723.574 | 43026.297 | 27.861 | 29.258 | 27.23 | 1.02 |
| 10/1/2018 0:30 | 2169000 | 65.814 | 17.33 | 148.251 | 36731.773 | 43036.488 | 27.868 | 29.265 | 27.224 | 1.02 |
| 10/1/2018 0:45 | 2169900 | 65.829 | 17.33 | 148.286 | 36709.746 | 43010.438 | 27.849 | 29.247 | 27.241 | 1.02 |
| 10/1/2018 1:00 | 2170800 | 65.828 | 17.33 | 148.284 | 36719.063 | 43020.664 | 27.857 | 29.254 | 27.234 | 1.02 |
| 10/1/2018 1:15 | 2171700 | 65.815 | 17.33 | 148.255 | 36709.621 | 43010.363 | 27.849 | 29.247 | 27.241 | 1.02 |
| 10/1/2018 1:30 | 2172600 | 65.822 | 17.33 | 148.27 | 36693.371 | 42990.91 | 27.835 | 29.234 | 27.253 | 1.02 |
| 10/1/2018 1:45 | 2173500 | 65.821 | 17.33 | 148.269 | 36722.016 | 43024.371 | 27.859 | 29.257 | 27.232 | 1.02 |
| 10/1/2018 2:00 | 2174400 | 65.839 | 17.33 | 148.308 | 36736.605 | 43042.328 | 27.872 | 29.269 | 27.221 | 1.02 |
| 10/1/2018 2:15 | 2175300 | 65.828 | 17.33 | 148.284 | 36694.285 | 42992.23 | 27.836 | 29.235 | 27.252 | 1.02 |
| 10/1/2018 2:30 | 2176200 | 65.842 | 17.33 | 148.316 | 36696.676 | 42994.938 | 27.838 | 29.237 | 27.25 | 1.02 |
| 10/1/2018 2:45 | 2177100 | 65.832 | 17.33 | 148.294 | 36719.5 | 43021.523 | 27.857 | 29.255 | 27.233 | 1.02 |
| 10/1/2018 3:00 | 2178000 | 65.847 | 17.33 | 148.326 | 36727.426 | 43031.059 | 27.864 | 29.261 | 27.228 | 1.02 |
| 10/1/2018 3:15 | 2178900 | 65.852 | 17.33 | 148.337 | 36717.902 | 43019.809 | 27.856 | 29.253 | 27.235 | 1.02 |
| 10/1/2018 3:30 | 2179800 | 65.84 | 17.33 | 148.311 | 36723.402 | 43026.855 | 27.861 | 29.258 | 27.231 | 1.02 |
| 10/1/2018 3:45 | 2180700 | 65.857 | 17.33 | 148.35 | 36699.691 | 42998.898 | 27.841 | 29.239 | 27.248 | 1.02 |
| 10/1/2018 4:00 | 2181600 | 65.857 | 17.33 | 148.35 | 36703.461 | 43002.73 | 27.844 | 29.242 | 27.245 | 1.02 |
| 10/1/2018 4:15 | 2182500 | 65.859 | 17.33 | 148.353 | 36726.551 | 43030.031 | 27.863 | 29.26 | 27.228 | 1.02 |
| 10/1/2018 4:30 | 2183400 | 65.848 | 17.33 | 148.329 | 36727.645 | 43031.313 | 27.864 | 29.261 | 27.227 | 1.02 |
| 10/1/2018 4:45 | 2184300 | 65.848 | 17.33 | 148.329 | 36693.203 | 42991.129 | 27.835 | 29.234 | 27.253 | 1.02 |
| 10/1/2018 5:00 | 2185200 | 65.85 | 17.33 | 148.334 | 36712.305 | 43013.676 | 27.852 | 29.249 | 27.239 | 1.02 |
| 10/1/2018 5:15 | 2186100 | 65.852 | 17.33 | 148.339 | 36728.836 | 43032.363 | 27.865 | 29.262 | 27.227 | 1.02 |
| 10/1/2018 5:30 | 2187000 | 65.868 | 17.33 | 148.373 | 36724.133 | 43027.715 | 27.862 | 29.259 | 27.23 | 1.02 |
| 10/1/2018 5:45 | 2187900 | 65.87 | 17.33 | 148.378 | 36713.379 | 43014.855 | 27.852 | 29.25 | 27.238 | 1.02 |
| 10/1/2018 6:00 | 2188800 | 65.872 | 17.33 | 148.382 | 36722.574 | 43025.711 | 27.86 | 29.257 | 27.231 | 1.02 |
| 10/1/2018 6:15 | 2189700 | 65.859 | 17.33 | 148.354 | 36727.402 | 43030.781 | 27.864 | 29.261 | 27.228 | 1.02 |
| 10/1/2018 6:30 | 2190600 | 65.867 | 17.33 | 148.371 | 36738.852 | 43044.195 | 27.874 | 29.27 | 27.219 | 1.02 |
| 10/1/2018 6:45 | 2191500 | 65.867 | 17.33 | 148.373 | 36714.332 | 43015.809 | 27.853 | 29.251 | 27.237 | 1.02 |
| 10/1/2018 7:00 | 2192400 | 65.852 | 17.33 | 148.339 | 36726.563 | 43030.215 | 27.864 | 29.261 | 27.228 | 1.02 |
| 10/1/2018 7:15 | 2193300 | 65.854 | 17.33 | 148.343 | 36717.121 | 43018.809 | 27.855 | 29.253 | 27.235 | 1.02 |
| 10/1/2018 7:30 | 2194200 | 65.847 | 17.33 | 148.327 | 36721.93 | 43024.875 | 27.86 | 29.257 | 27.232 | 1.02 |
| 10/1/2018 7:45 | 2195100 | 65.861 | 17.33 | 148.358 | 36720.465 | 43022.902 | 27.858 | 29.256 | 27.233 | 1.02 |
| 10/1/2018 8:00 | 2196000 | 65.861 | 17.33 | 148.357 | 36732.797 | 43037.262 | 27.869 | 29.265 | 27.224 | 1.02 |
| 10/1/2018 8:15 | 2196900 | 65.865 | 17.33 | 148.368 | 36716.621 | 43018.492 | 27.855 | 29.253 | 27.236 | 1.02 |
| 10/1/2018 8:30 | 2197800 | 65.847 | 17.33 | 148.327 | 36750.746 | 43058.473 | 27.884 | 29.28 | 27.21 | 1.02 |
| 10/1/2018 8:45 | 2198700 | 65.849 | 17.33 | 148.332 | 36735.672 | 43040.813 | 27.871 | 29.268 | 27.221 | 1.02 |
| 10/1/2018 9:00 | 2199600 | 65.861 | 17.33 | 148.358 | 36742.66 | 43049.16 | 27.877 | 29.273 | 27.216 | 1.02 |
| 10/1/2018 9:15 | 2200500 | 65.847 | 17.33 | 148.327 | 36742.504 | 43048.98 | 27.877 | 29.273 | 27.216 | 1.02 |
| 10/1/2018 9:30 | 2201400 | 65.857 | 17.33 | 148.35 | 36704.813 | 43004.473 | 27.845 | 29.243 | 27.244 | 1.02 |
| 10/1/2018 9:45 | 2202300 | 65.847 | 17.33 | 148.327 | 36743.195 | 43049.625 | 27.877 | 29.274 | 27.216 | 1.02 |
| 10/1/2018 10:00 | 2203200 | 65.845 | 17.33 | 148.323 | 36728.211 | 43031.977 | 27.865 | 29.262 | 27.227 | 1.02 |
| 10/1/2018 10:15 | 2204100 | 65.847 | 17.33 | 148.327 | 36723.117 | 43025.918 | 27.86 | 29.258 | 27.231 | 1.02 |
| 10/1/2018 10:30 | 2205000 | 65.85 | 17.33 | 148.333 | 36741.973 | 43047.922 | 27.876 | 29.273 | 27.217 | 1.02 |
| 10/1/2018 10:45 | 2205900 | 65.846 | 17.33 | 148.325 | 36720.324 | 43022.828 | 27.858 | 29.256 | 27.233 | 1.02 |
| 10/1/2018 11:00 | 2206800 | 65.85 | 17.33 | 148.334 | 36707.348 | 43007.789 | 27.847 | 29.245 | 27.243 | 1.02 |
| 10/1/2018 11:15 | 2207700 | 65.864 | 17.33 | 148.364 | 36715.422 | 43017.086 | 27.854 | 29.252 | 27.237 | 1.02 |
| 10/1/2018 11:30 | 2208600 | 65.852 | 17.33 | 148.338 | 36710.434 | | | | | |

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|-----------------|---------|--------|-------|---------|-----------|-----------|--------|--------|--------|------|
| 10/2/2018 9:45 | 2288700 | 65.847 | 17.33 | 148.327 | 36726.988 | 43030.543 | 27.864 | 29.261 | 27.228 | 1.02 |
| 10/2/2018 10:00 | 2289600 | 65.848 | 17.33 | 148.329 | 36748.926 | 43056.586 | 27.882 | 29.278 | 27.212 | 1.02 |
| 10/2/2018 10:15 | 2290500 | 65.846 | 17.33 | 148.324 | 36724.668 | 43027.918 | 27.862 | 29.259 | 27.23 | 1.02 |
| 10/2/2018 10:30 | 2291400 | 65.861 | 17.33 | 148.332 | 36731.387 | 43036.117 | 27.868 | 29.265 | 27.225 | 1.02 |
| 10/2/2018 10:45 | 2292300 | 65.846 | 17.33 | 148.334 | 36742.907 | 43048.844 | 27.877 | 29.273 | 27.216 | 1.02 |
| 10/2/2018 11:00 | 2293200 | 65.851 | 17.33 | 148.336 | 36725.039 | 43028.516 | 27.862 | 29.259 | 27.219 | 1.02 |
| 10/2/2018 11:15 | 2294100 | 65.845 | 17.33 | 148.323 | 36711.301 | 43011.514 | 27.85 | 29.248 | 27.234 | 1.02 |
| 10/2/2018 11:30 | 2295000 | 65.86 | 17.33 | 148.355 | 36733.68 | 43038.137 | 27.869 | 29.266 | 27.223 | 1.02 |
| 10/2/2018 11:45 | 2295900 | 65.85 | 17.33 | 148.334 | 36722.531 | 43025.234 | 27.86 | 29.257 | 27.231 | 1.02 |
| 10/2/2018 12:00 | 2296800 | 65.861 | 17.33 | 148.359 | 36718.969 | 43021.402 | 27.857 | 29.255 | 27.234 | 1.02 |
| 10/2/2018 12:15 | 2297700 | 65.862 | 17.33 | 148.36 | 36709.891 | 43010.422 | 27.849 | 29.247 | 27.241 | 1.02 |
| 10/2/2018 12:30 | 2298600 | 65.867 | 17.33 | 148.373 | 36701.551 | 43000.91 | 27.842 | 29.241 | 27.242 | 1.02 |
| 10/2/2018 12:45 | 2299500 | 65.864 | 17.33 | 148.365 | 36715.906 | 43017.383 | 27.854 | 29.252 | 27.236 | 1.02 |
| 10/2/2018 13:00 | 2300400 | 65.854 | 17.33 | 148.342 | 36715.313 | 43016.617 | 27.854 | 29.251 | 27.237 | 1.02 |
| 10/2/2018 13:15 | 2301300 | 65.868 | 17.33 | 148.375 | 36723.914 | 43026.434 | 27.861 | 29.258 | 27.23 | 1.02 |
| 10/2/2018 13:30 | 2302200 | 65.868 | 17.33 | 148.374 | 36731.105 | 43035.535 | 27.867 | 29.264 | 27.225 | 1.02 |
| 10/2/2018 13:45 | 2303100 | 65.861 | 17.33 | 148.358 | 36743.891 | 43049.754 | 27.878 | 29.274 | 27.215 | 1.02 |
| 10/2/2018 14:00 | 2304000 | 65.858 | 17.33 | 148.353 | 36727.551 | 43031.371 | 27.864 | 29.261 | 27.228 | 1.02 |
| 10/2/2018 14:15 | 2304900 | 65.88 | 17.33 | 148.402 | 36712.797 | 43013.742 | 27.852 | 29.249 | 27.238 | 1.02 |
| 10/2/2018 14:30 | 2305800 | 65.88 | 17.33 | 148.4 | 36733.453 | 43038.289 | 27.869 | 29.266 | 27.223 | 1.02 |
| 10/2/2018 14:45 | 2306700 | 65.865 | 17.33 | 148.368 | 36711.133 | 43011.789 | 27.85 | 29.248 | 27.24 | 1.02 |
| 10/2/2018 15:00 | 2307600 | 65.874 | 17.33 | 148.387 | 36724.609 | 43027.852 | 27.862 | 29.259 | 27.23 | 1.02 |
| 10/2/2018 15:15 | 2308500 | 65.885 | 17.33 | 148.413 | 36733.691 | 43038.309 | 27.869 | 29.266 | 27.223 | 1.02 |
| 10/2/2018 15:30 | 2309400 | 65.89 | 17.33 | 148.423 | 36715.629 | 43017.328 | 27.854 | 29.252 | 27.236 | 1.02 |
| 10/2/2018 15:45 | 2310300 | 65.895 | 17.33 | 148.434 | 36727.184 | 43030.43 | 27.864 | 29.261 | 27.228 | 1.02 |
| 10/2/2018 16:00 | 2311200 | 65.885 | 17.33 | 148.411 | 36704.016 | 43002.953 | 27.844 | 29.242 | 27.245 | 1.02 |
| 10/2/2018 16:15 | 2312100 | 65.885 | 17.33 | 148.411 | 36719.348 | 43021.688 | 27.857 | 29.255 | 27.234 | 1.02 |
| 10/2/2018 16:30 | 2313000 | 65.887 | 17.33 | 148.416 | 36723.844 | 43026.516 | 27.861 | 29.258 | 27.23 | 1.02 |
| 10/2/2018 16:45 | 2313900 | 65.889 | 17.33 | 148.421 | 36741.313 | 43047.422 | 27.876 | 29.272 | 27.217 | 1.02 |
| 10/2/2018 17:00 | 2314800 | 65.894 | 17.33 | 148.432 | 36728.922 | 43032.563 | 27.865 | 29.262 | 27.226 | 1.02 |
| 10/2/2018 17:15 | 2315700 | 65.894 | 17.33 | 148.432 | 36722.238 | 43025.074 | 27.86 | 29.257 | 27.231 | 1.02 |
| 10/2/2018 17:30 | 2316600 | 65.907 | 17.33 | 148.461 | 36714.445 | 43015.504 | 27.853 | 29.251 | 27.237 | 1.02 |
| 10/2/2018 17:45 | 2317500 | 65.892 | 17.33 | 148.429 | 36740.656 | 43046.652 | 27.875 | 29.272 | 27.218 | 1.02 |
| 10/2/2018 18:00 | 2318400 | 65.908 | 17.33 | 148.464 | 36728.332 | 43032.289 | 27.865 | 29.262 | 27.227 | 1.02 |
| 10/2/2018 18:15 | 2319300 | 65.894 | 17.33 | 148.432 | 36730.836 | 43034.961 | 27.867 | 29.264 | 27.225 | 1.02 |
| 10/2/2018 18:30 | 2320200 | 65.893 | 17.33 | 148.431 | 36714.73 | 43016.438 | 27.854 | 29.251 | 27.237 | 1.02 |
| 10/2/2018 18:45 | 2321100 | 65.89 | 17.33 | 148.423 | 36735.566 | 43040.25 | 27.871 | 29.267 | 27.222 | 1.02 |
| 10/2/2018 19:00 | 2322000 | 65.888 | 17.33 | 148.419 | 36716.66 | 43018.535 | 27.855 | 29.253 | 27.236 | 1.02 |
| 10/2/2018 19:15 | 2322900 | 65.902 | 17.33 | 148.451 | 36708.742 | 43009.168 | 27.848 | 29.246 | 27.241 | 1.02 |
| 10/2/2018 19:30 | 2323800 | 65.89 | 17.33 | 148.423 | 36724.648 | 43028.059 | 27.862 | 29.259 | 27.23 | 1.02 |
| 10/2/2018 19:45 | 2324700 | 65.898 | 17.33 | 148.441 | 36749.23 | 43056.184 | 27.882 | 29.278 | 27.211 | 1.02 |
| 10/2/2018 20:00 | 2325600 | 65.883 | 17.33 | 148.407 | 36718.82 | 43021.066 | 27.857 | 29.254 | 27.234 | 1.02 |
| 10/2/2018 20:15 | 2326500 | 65.892 | 17.33 | 148.428 | 36736.363 | 43041.102 | 27.871 | 29.268 | 27.221 | 1.02 |
| 10/2/2018 20:30 | 2327400 | 65.874 | 17.33 | 148.387 | 36732.926 | 43036.992 | 27.868 | 29.265 | 27.224 | 1.02 |
| 10/2/2018 20:45 | 2328300 | 65.886 | 17.33 | 148.414 | 36743.848 | 43049.875 | 27.878 | 29.274 | 27.215 | 1.02 |
| 10/2/2018 21:00 | 2329200 | 65.871 | 17.33 | 148.381 | 36724.055 | 43027.199 | 27.861 | 29.258 | 27.23 | 1.02 |
| 10/2/2018 21:15 | 2330100 | 65.862 | 17.33 | 148.36 | 36716.344 | 43017.309 | 27.854 | 29.252 | 27.236 | 1.02 |
| 10/2/2018 21:30 | 2331000 | 65.86 | 17.33 | 148.356 | 36715.461 | 43016.863 | 27.854 | 29.251 | 27.236 | 1.02 |
| 10/2/2018 21:45 | 2331900 | 65.871 | 17.33 | 148.381 | 36716.395 | 43017.457 | 27.854 | 29.252 | 27.236 | 1.02 |
| 10/2/2018 22:00 | 2332800 | 65.854 | 17.33 | 148.344 | 36706.793 | 43006.707 | 27.847 | 29.245 | 27.243 | 1.02 |
| 10/2/2018 22:15 | 2333700 | 65.862 | 17.33 | 148.361 | 36724.203 | 43026.938 | 27.861 | 29.258 | 27.23 | 1.02 |
| 10/2/2018 22:30 | 2334600 | 65.845 | 17.33 | 148.323 | 36720.113 | 43021.813 | 27.858 | 29.255 | 27.233 | 1.02 |
| 10/2/2018 22:45 | 2335500 | 65.855 | 17.33 | 148.345 | 36720.555 | 43022.152 | 27.858 | 29.255 | 27.233 | 1.02 |
| 10/2/2018 23:00 | 2336400 | 65.85 | 17.33 | 148.333 | 36718.738 | 43020.629 | 27.857 | 29.254 | 27.234 | 1.02 |
| 10/2/2018 23:15 | 2337300 | 65.85 | 17.33 | 148.333 | 36725.57 | 43028.375 | 27.862 | 29.259 | 27.229 | 1.02 |
| 10/2/2018 23:30 | 2338200 | 65.843 | 17.33 | 148.317 | 36718.406 | 43019.813 | 27.856 | 29.253 | 27.234 | 1.02 |
| 10/2/2018 23:45 | 2339100 | 65.844 | 17.33 | 148.319 | 36722.75 | 43024.902 | 27.86 | 29.257 | 27.231 | 1.02 |
| 10/3/2018 0:00 | 2340000 | 65.821 | 17.33 | 148.269 | 36713.977 | 43014.793 | 27.852 | 29.25 | 27.238 | 1.02 |
| 10/3/2018 0:15 | 2340900 | 65.823 | 17.33 | 148.273 | 36707.465 | 43007.582 | 27.847 | 29.245 | 27.242 | 1.02 |
| 10/3/2018 0:30 | 2341800 | 65.837 | 17.33 | 148.304 | 36731.621 | 43035.297 | 27.867 | 29.264 | 27.224 | 1.02 |
| 10/3/2018 0:45 | 2342700 | 65.815 | 17.33 | 148.254 | 36733.938 | 43037.922 | 27.869 | 29.266 | 27.223 | 1.02 |
| 10/3/2018 1:00 | 2343600 | 65.833 | 17.33 | 148.296 | 36707.797 | 43007.465 | 27.847 | 29.245 | 27.242 | 1.02 |
| 10/3/2018 1:15 | 2344500 | 65.816 | 17.33 | 148.257 | 36721.078 | 43023.113 | 27.858 | 29.256 | 27.232 | 1.02 |
| 10/3/2018 1:30 | 2345400 | 65.833 | 17.33 | 148.296 | 36748.297 | 43055.004 | 27.881 | 29.277 | 27.212 | 1.02 |
| 10/3/2018 1:45 | 2346300 | 65.82 | 17.33 | 148.266 | 36702.117 | 43000.984 | 27.843 | 29.241 | 27.246 | 1.02 |
| 10/3/2018 2:00 | 2347200 | 65.819 | 17.33 | 148.264 | 36709.594 | 43009.23 | 27.849 | 29.246 | 27.241 | 1.02 |
| 10/3/2018 2:15 | 2348100 | 65.837 | 17.33 | 148.304 | 36721.734 | 43023.883 | 27.859 | 29.256 | 27.232 | 1.02 |
| 10/3/2018 2:30 | 2349000 | 65.82 | 17.33 | 148.267 | 36729.945 | 43032.988 | 27.866 | 29.262 | 27.226 | 1.02 |
| 10/3/2018 2:45 | 2349900 | 65.824 | 17.33 | 148.275 | 36704.848 | 43003.5 | 27.844 | 29.242 | 27.244 | 1.02 |
| 10/3/2018 3:00 | 2350800 | 65.826 | 17.33 | 148.28 | 36707.547 | 43006.746 | 27.847 | 29.245 | 27.242 | 1.02 |
| 10/3/2018 3:15 | 2351700 | 65.831 | 17.33 | 148.29 | 36694.219 | 42991.387 | 27.836 | 29.234 | 27.252 | 1.02 |
| 10/3/2018 3:30 | 2352600 | 65.846 | 17.33 | 148.324 | 36711.461 | 43011.074 | 27.85 | 29.248 | 27.239 | 1.02 |
| 10/3/2018 3:45 | 2353500 | 65.843 | 17.33 | 148.318 | 36717.324 | 43018.457 | 27.855 | 29.253 | 27.235 | 1.02 |
| 10/3/2018 4:00 | 2354400 | 65.837 | 17.33 | 148.305 | 36719.148 | 43020.426 | 27.857 | 29.254 | 27.234 | 1.02 |
| 10/3/2018 4:15 | 2355300 | 65.831 | 17.33 | 148.291 | 36692.211 | 42988.777 | 27.834 | 29.232 | 27.254 | 1.02 |
| 10/3/2018 4:30 | 2356200 | 65.846 | 17.33 | 148.325 | 36719.242 | 43020.703 | 27.857 | 29.254 | 27.234 | 1.02 |
| 10/3/2018 4:45 | 2357100 | 65.864 | 17.33 | 148.365 | 36720.055 | 43021.656 | 27.857 | 29.255 | 27.233 | 1.02 |
| 10/3/2018 5:00 | 2358000 | 65.87 | 17.33 | 148.378 | 36707.719 | 43006.688 | 27.847 | 29.245 | 27.242 | 1.02 |
| 10/3/2018 5:15 | 2358900 | 65.868 | 17.33 | 148.375 | 36712.23 | 43012.488 | 27.851 | 29.248 | 27.239 | 1.02 |
| 10/3/2018 5:30 | 2359800 | 65.857 | 17.33 | 148.349 | 36712.891 | 43012.926 | 27.851 | 29.249 | 27.238 | 1.02 |
| 10/3/2018 5:45 | 2360700 | 65.875 | 17.33 | 148.389 | 36701.188 | 42999.035 | 27.841 | 29.239 | 27.247 | 1.02 |
| 10/3/2018 6:00 | 2361600 | 65.869 | 17.33 | 148.377 | 36736.977 | 43041.57 | 27.872 | 29.268 | 27.221 | 1.02 |
| 10/3/2018 6:15 | 2362500 | 65.871 | 17.33 | 148.38 | 36702.563 | 43000.992 | 27.843 | 29.241 | 27.246 | 1.02 |
| 10/3/2018 6:30 | 2363400 | 65.892 | 17.33 | 148.428 | 36713.535 | 43014.105 | 27.852 | 29.245 | 27.238 | 1.02 |
| 10/3/2018 6:45 | 2364300 | 65.88 | 17.33 | 148.402 | 36730.258 | 43033.355 | 27.866 | 29.263 | 27.226 | 1.02 |
| 10/3/2018 7:00 | 2365200 | 65.879 | 17.33 | 148.398 | 36713.293 | 43013.477 | 27.852 | 29.249 | 27.238 | 1.02 |
| 10/3/2018 7:15 | 2366100 | 65.899 | 17.33 | 148.444 | 36715.816 | 43016.434 | 27.854 | 29.251 | 27.236 | 1.02 |
| 10/3/2018 7:30 | 2367000 | 65.901 | 17.33 | 148.448 | 36724.27 | 43026.508 | 27.861 | 29.258 | 27.23 | 1.02 |
| 10/3/2018 7:45 | 2367900 | 65.888 | 17.33 | 148.419 | 36727.602 | 43030.844 | 27.864 | 29.2 | | |

Report Date: 10/8/2018 13:12
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name: MPWSP MW-3S LT Test_2018-10-04_16-18-15-926.wsl
Create Date: 10/4/2018 16:18

Device Properties
Device: Aqua TROLL 200
Site: MPWSP MW-3S
Device Name:
Serial Number: 479259
Firmware Version: 2.01
Hardware Version: 4
Device Address: 1
Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
Used Memory: 0
Used Battery: 9

Log Configuration
Log Name: MPWSP MW-3S LT Test
Created By: WMassoll
Computer Name: TABLET001
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 11/17/2017 1:26:44 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 11/17/2017 1:30:00 PM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings
Depth of Probe: 0.676151 (ft)
Head Pressure: 0.300165 (PSI)
Temperature: 18.1368 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
11/17/2017 13:26 Used Battery: 9% Used Memory: 3% User Name: WMassoll
11/17/2017 13:45 Log Download - Used Battery: 9% Used Memory: 3% User Name: WMassoll Interval - Start Time: 11/17/2017 1:30:00 PM Stop Time: 11/17/2017 1:45:00 PM
11/17/2017 13:46 Log Download - Used Battery: 9% Used Memory: 3% User Name: WMassoll Interval - Start Time: 11/17/2017 1:30:00 PM Stop Time: 11/17/2017 1:45:00 PM
11/17/2017 13:47 Log Download - Used Battery: 9% Used Memory: 3% User Name: WMassoll Interval - Start Time: 11/17/2017 12:30:00 PM Stop Time: 11/17/2017 2:45:00 PM
11/23/2017 9:41 Log Download - Used Battery: 9% Used Memory: 3% User Name: AVanHaitisma Interval - Start Time: 11/17/2017 1:30:00 PM Stop Time: 11/23/2017 10:30:00 AM
12/1/2017 15:29 Log Download - Used Battery: 10% Used Memory: 4% User Name: AVanHaitisma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 4:15:00 PM
12/7/2017 17:46 Log Download - Used Battery: 10% Used Memory: 4% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 7:45:00 PM
12/14/2017 16:09 Log Download - Used Battery: 11% Used Memory: 6% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 5:00:00 PM
12/21/2017 13:19 Log Download - Used Battery: 11% Used Memory: 6% User Name: AVanHaitisma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 2:15:00 PM
1/4/2018 17:31 Log Download - Used Battery: 12% Used Memory: 7% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 6:30:00 PM
1/11/2018 12:51 Log Download - Used Battery: 12% Used Memory: 9% User Name: AVanHaitisma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 1:45:00 PM
1/18/2018 13:47 Log Download - Used Battery: 12% Used Memory: 9% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 4:00:00 PM
1/26/2018 17:28 Log Download - Used Battery: 13% Used Memory: 10% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 7:30:00 PM
2/2/2018 14:21 Log Download - Used Battery: 13% Used Memory: 10% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/2/2018 4:15:00 PM
2/8/2018 12:43 Log Download - Used Battery: 13% Used Memory: 12% User Name: AVanHaitisma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 1:30:00 PM
2/15/2018 14:31 Log Download - Used Battery: 14% Used Memory: 12% User Name: AVanHaitisma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 3:30:00 PM
2/22/2018 14:24 Log Download - Used Battery: 14% Used Memory: 14% User Name: WMassoll Interval - Start Time: 2/14/2018 10:00:00 PM Stop Time: 2/22/2018 2:15:00 PM
3/1/2018 17:03 Log Download - Used Battery: 15% Used Memory: 14% User Name: WMassoll Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 3/1/2018 5:45:00 PM
3/8/2018 13:43 Log Download - Used Battery: 15% Used Memory: 15% User Name: AVanHaitisma Interval - Start Time: 2/21/2018 10:00:00 PM Stop Time: 3/8/2018 2:30:00 PM
3/22/2018 12:04 Log Download - Used Battery: 16% Used Memory: 17% User Name: AVanHaitisma Interval - Start Time: 3/7/2018 10:00:00 PM Stop Time: 3/22/2018 1:00:00 PM
4/19/2018 15:02 Log Download - Used Battery: 17% Used Memory: 20% User Name: WMassoll Interval - Start Time: 3/20/2018 10:00:00 PM Stop Time: 4/19/2018 3:30:00 PM
5/17/2018 13:06 Log Download - Used Battery: 18% Used Memory: 23% User Name: AVanHaitisma Interval - Start Time: 4/18/2018 10:00:00 PM Stop Time: 5/17/2018 2:00:00 PM
6/14/2018 15:08 Log Download - Used Battery: 20% Used Memory: 26% User Name: AVanHaitisma Interval - Start Time: 5/16/2018 10:00:00 PM Stop Time: 6/14/2018 4:00:00 PM
7/12/2018 15:07 Log Download - Used Battery: 21% Used Memory: 29% User Name: AVanHaitisma Interval - Start Time: 6/13/2018 10:00:00 PM Stop Time: 7/12/2018 4:00:00 PM
8/9/2018 18:02 Log Download - Used Battery: 23% Used Memory: 32% User Name: WMassoll Interval - Start Time: 7/11/2018 10:00:00 PM Stop Time: 8/9/2018 6:00:00 PM
9/7/2018 9:12 Log Download - Used Battery: 24% Used Memory: 35% User Name: WMassoll Interval - Start Time: 8/8/2018 10:00:00 PM Stop Time: 9/7/2018 9:00:00 AM
10/4/2018 16:16 Log Download - Used Battery: 26% Used Memory: 40% User Name: WMassoll Interval - Start Time: 9/5/2018 10:00:00 PM Stop Time: 10/4/2018 5:15:00 PM

Log Data:
Record Count: 2762

Sensors: 1
1: 479259 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft |
|----------------|----------------------|----------------------------|-----------------------------|------------------------|---|---|----------------------------|--|----------------------------------|-----------------------------------|
| | | SN#: 479259 Pressure (PSI) | SN#: 479259 Temperature (C) | SN#: 479259 Depth (ft) | SN#: 479259 Actual Conductivity (µS/cm) | SN#: 479259 Specific Conductivity (µS/cm) | SN#: 479259 Salinity (PSU) | SN#: 479259 Total Dissolved Solids (ppt) | SN#: 479259 Resistivity (ohm-cm) | SN#: 479259 Water Density (g/cm3) |
| 9/6/2018 0:00 | 7200 | 19.663 | 17.312 | 44.292 | 35102.621 | 41143.957 | 26.512 | 27.978 | 28.488 | 1.019 |
| 9/6/2018 0:15 | 8100 | 19.665 | 17.311 | 44.297 | 35108.813 | 41152.918 | 26.518 | 27.984 | 28.483 | 1.019 |
| 9/6/2018 0:30 | 9000 | 19.664 | 17.309 | 44.296 | 35102.371 | 41146.574 | 26.513 | 27.98 | 28.488 | 1.019 |
| 9/6/2018 0:45 | 9900 | 19.666 | 17.31 | 44.3 | 35140.195 | 41190.191 | 26.544 | 28.009 | 28.457 | 1.019 |
| 9/6/2018 1:00 | 10800 | 19.665 | 17.312 | 44.298 | 35108.961 | 41151.805 | 26.517 | 27.983 | 28.483 | 1.019 |
| 9/6/2018 1:15 | 11700 | 19.665 | 17.313 | 44.298 | 35126.047 | 41171.102 | 26.531 | 27.996 | 28.469 | 1.019 |
| 9/6/2018 1:30 | 12600 | 19.663 | 17.313 | 44.293 | 35130.578 | 41175.766 | 26.534 | 28 | 28.465 | 1.019 |
| 9/6/2018 1:45 | 13500 | 19.666 | 17.315 | 44.3 | 35139.188 | 41184 | 26.54 | 28.005 | 28.458 | 1.019 |
| 9/6/2018 2:00 | 14400 | 19.668 | 17.314 | 44.303 | 35128.34 | 41172.25 | 26.532 | 27.997 | 28.467 | 1.019 |
| 9/6/2018 2:15 | 15300 | 19.666 | 17.314 | 44.299 | 35145.875 | 41192.801 | 26.547 | 28.011 | 28.453 | 1.019 |
| 9/6/2018 2:30 | 16200 | 19.667 | 17.315 | 44.301 | 35146.18 | 41192.68 | 26.546 | 28.011 | 28.453 | 1.019 |
| 9/6/2018 2:45 | 17100 | 19.667 | 17.316 | 44.301 | 35131.098 | 41173.879 | 26.533 | 27.998 | 28.465 | 1.019 |
| 9/6/2018 3:00 | 18000 | 19.668 | 17.316 | 44.303 | 35141.887 | 41186.848 | 26.542 | 28.007 | 28.456 | 1.019 |
| 9/6/2018 3:15 | 18900 | 19.669 | 17.317 | 44.306 | 35118.703 | 41158.867 | 26.522 | 27.988 | 28.475 | 1.019 |
| 9/6/2018 3:30 | 19800 | 19.668 | 17.318 | 44.304 | 35143.477 | 41186.938 | 26.542 | 28.007 | 28.455 | 1.019 |
| 9/6/2018 3:45 | 20700 | 19.664 | 17.319 | 44.296 | 35136.586 | 41177.637 | 26.536 | 28.001 | 28.46 | 1.019 |
| 9/6/2018 4:00 | 21600 | 19.671 | 17.319 | 44.311 | 35112.313 | 41149.516 | 26.516 | 27.982 | 28.48 | 1.019 |
| 9/6/2018 4:15 | 22500 | 19.673 | 17.319 | 44.315 | 35146.18 | 41189.203 | 26.544 | 28.009 | 28.453 | 1.019 |
| 9/6/2018 4:30 | 23400 | 19.672 | 17.319 | 44.313 | 35118.348 | 41156.188 | 26.521 | 27.986 | 28.475 | 1.019 |
| 9/6/2018 4:45 | 24300 | 19.67 | 17.32 | 44.307 | 35107.039 | 41141.973 | 26.51 | 27.977 | 28.484 | 1.019 |
| 9/6/2018 5:00 | 25200 | 19.668 | 17.32 | 44.305 | 35123.262 | 41160.984 | 26.524 | 27.989 | 28.471 | 1.019 |
| 9/6/2018 5:15 | 26100 | 19.67 | 17.32 | 44.307 | 35114.434 | 41151.035 | 26.517 | 27.983 | 28.478 | 1.019 |
| 9/6/2018 5:30 | 27000 | 19.672 | 17.321 | 44.312 | 35109.816 | 41144.742 | 26.512 | 27.978 | 28.482 | 1.019 |
| 9/6/2018 5:45 | 27900 | 19.67 | 17.321 | 44.309 | 35105.016 | 41138.383 | 26.508 | 27.974 | 28.486 | 1.019 |
| 9/6/2018 6:00 | 28800 | 19.669 | 17.321 | 44.306 | 35100.418 | 41133.727 | 26.505 | 27.971 | 28.49 | 1.019 |
| 9/6/2018 6:15 | 29700 | 19.673 | 17.321 | 44.316 | 35095.141 | 41127.227 | 26.5 | 27.967 | 28.494 | 1.019 |
| 9/6/2018 6:30 | 30600 | 19.671 | 17.321 | 44.31 | 35077.445 | 41106.488 | 26.485 | 27.952 | 28.508 | 1.019 |
| 9/6/2018 6:45 | 31500 | 19.671 | 17.322 | 44.311 | 35084.27 | 41113.914 | 26.491 | 27.957 | 28.503 | 1.019 |
| 9/6/2018 7:00 | 32400 | 19.67 | 17.322 | 44.308 | 35099.453 | 41131.465 | 26.503 | 27.969 | 28.49 | 1.019 |
| 9/6/2018 7:15 | 33300 | 19.669 | 17.322 | 44.306 | 35094 | 41125.316 | 26.499 | 27.965 | 28.495 | 1.019 |
| 9/6/2018 7:30 | 34200 | 19.67 | 17.321 | 44.307 | 35091.852 | 41123.043 | 26.497 | 27.964 | 28.497 | 1.019 |
| 9/6/2018 7:45 | 35100 | 19.674 | 17.321 | 44.317 | 35069.949 | 41097.773 | 26.479 | 27.946 | 28.514 | 1.019 |
| 9/6/2018 8:00 | 36000 | 19.673 | 17.321 | 44.316 | 35080.023 | 41109.512 | 26.487 | 27.954 | 28.506 | 1.019 |
| 9/6/2018 8:15 | 36900 | 19.673 | 17.322 | 44.315 | 35058.637 | 41083.957 | 26.469 | 27.937 | 28.524 | 1.019 |
| 9/6/2018 8:30 | 37800 | 19.672 | 17.32 | 44.313 | 35061.285 | 41088.672 | 26.472 | 27.94 | 28.521 | 1.019 |
| 9/6/2018 8:45 | 38700 | 19.677 | 17.321 | 44.325 | 35078.793 | 41108.223 | 26.486 | 27.954 | 28.507 | 1.019 |
| 9/6/2018 9:00 | 39600 | 19.672 | 17.32 | 44.314 | 35105.031 | 41139.617 | 26.509 | 27.975 | 28.486 | 1.019 |
| 9/6/2018 9:15 | 40500 | 19.675 | 17.318 | 44.319 | 35092.016 | 41125.898 | 26.499 | 27.966 | 28.497 | 1.019 |
| 9/6/2018 9:30 | 41400 | 19.67 | 17.319 | 44.307 | 35080.047 | 41111.301 | 26.489 | 27.956 | 28.506 | 1.019 |
| 9/6/2018 9:45 | 42300 | 19.677 | 17.32 | 44.324 | 35084.813 | 41116.402 | 26.492 | 27.959 | 28.502 | 1.019 |
| 9/6/2018 10:00 | 43200 | 19.676 | 17.321 | 44.322 | 35077.352 | 41106.219 | 26.485 | 27.952 | 28.508 | 1.019 |
| 9/6/2018 10:15 | 44100 | 19.678 | 17.319 | 44.327 | 35092.133 | 41125.371 | 26.499 | 27.965 | 28.496 | 1.019 |
| 9/6/2018 10:30 | 45000 | 19.679 | 17.321 | 44.329 | 35075.352 | 41104.035 | 26.483 | 27.951 | 28.51 | 1.019 |
| 9/6/2018 10:45 | 45900 | 19.675 | 17.321 | 44.319 | 35082.758 | 41112.621 | 26.49 | 27.957 | 28.504 | 1.019 |
| 9/6/2018 11:00 | 46800 | 19.675 | 17.319 | 44.321 | 35084.57 | 41116.441 | 26.492 | 27.959 | 28.503 | 1.019 |
| 9/6/2018 11:15 | 47700 | 19.673 | 17.318 | 44.315 | 35070.063 | 41100.168 | 26.481 | 27.948 | 28.514 | 1.019 |
| 9/6/2018 11:30 | 48600 | 19.675 | 17.319 | 44.32 | 35092.707 | 41126.621 | 26.499 | 27.966 | 28.496 | 1.019 |
| 9/6/2018 11:45 | 49500 | 19.678 | 17.319 | 44.328 | 35069.426 | 41098.781 | 26.48 | 27.947 | 28.515 | 1.019 |
| 9/6/2018 12:00 | 50400 | 19.672 | 17.319 | 44.314 | 35080.793 | 41112.574 | 26.489 | 27.957 | 28.506 | 1.019 |
| 9/6/2018 12:15 | 51300 | 19.677 | 17.32 | 44.324 | 35077.922 | 41107.523 | 26.486 | 27.953 | 28.508 | 1.019 |
| 9/6/2018 12:30 | 52200 | 19.675 | 17.318 | 44.32 | 35085.332 | 41118.223 | 26.493 | 27.96 | 28.502 | 1.019 |
| 9/6/2018 12:45 | 53100 | 19.68 | 17.321 | 44.331 | 35078.199 | 41107.688 | 26.486 | 27.953 | 28.508 | 1.019 |
| 9/6/2018 13:00 | 54000 | 19.676 | 17.319 | 44.321 | 35064.906 | 41094.039 | 26.476 | 27.944 | 28.519 | 1.019 |
| 9/6/2018 13:15 | 54900 | 19.677 | 17.321 | 44.324 | 35064.449 | 41090.848 | 26.474 | 27.942 | 28.519 | 1.019 |
| 9/6/2018 13:30 | 55800 | 19.679 | 17.319 | 44.328 | 35074.645 | 41104.645 | 26.484 | 27.951 | 28.511 | 1.019 |
| 9/6/2018 13:45 | 56700 | 19.674 | 17.319 | 44.318 | 35084.504 | 41116.293 | 26.492 | 27.959 | 28.503 | 1.019 |
| 9/6/2018 14:00 | 57600 | 19.678 | 17.32 | 44.326 | 35069.609 | 41098.27 | 26.479 | 27.947 | 28.515 | 1.019 |
| 9/6/2018 14:15 | 58500 | 19.678 | 17.32 | 44.327 | 35080.938 | 41111.781 | 26.489 | 27.956 | 28.506 | 1.019 |
| 9/6/2018 14:30 | 59400 | 19.68 | 17.319 | 44.331 | 35069.441 | 41099.117 | 26.48 | 27.947 | 28.515 | 1.019 |
| 9/6/2018 14:45 | 60300 | 19.678 | 17.322 | 44.327 | 35082.305 | 41111.207 | 26.489 | 27.956 | 28.504 | 1.019 |
| 9/6/2018 15:00 | 61200 | 19.676 | 17.321 | 44.322 | 35086.465 | 41117.453 | 26.493 | 27.96 | 28.501 | 1.019 |
| 9/6/2018 15:15 | 62100 | 19.681 | 17.321 | 44.334 | 35093.07 | 41124.641 | 26.498 | 27.965 | 28.496 | 1.019 |
| 9/6/2018 15:30 | 63000 | 19.677 | 17.322 | 44.325 | 35106.574 | 41139.25 | 26.509 | 27.975 | 28.485 | 1.019 |
| 9/6/2018 15:45 | 63900 | 19.674 | 17.323 | 44.318 | 35110.234 | 41142.73 | 26.511 | 27.977 | 28.482 | 1.019 |
| 9/6/2018 16:00 | 64800 | 19.673 | 17.325 | 44.315 | 35090.762 | 41118.293 | 26.494 | 27.96 | 28. | |

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|----------------|--------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|
| 9/6/2018 19:30 | 77400 | 19.661 | 17.333 | 44.288 | 35019.305 | 41027.574 | 26.429 | 27.899 | 28.556 | 1.019 |
| 9/6/2018 19:45 | 78300 | 19.659 | 17.333 | 44.283 | 35024.035 | 41033.117 | 26.433 | 27.903 | 28.552 | 1.019 |
| 9/6/2018 20:00 | 79200 | 19.666 | 17.331 | 44.285 | 35024.395 | 41034.742 | 26.434 | 27.904 | 28.552 | 1.019 |
| 9/6/2018 20:15 | 80100 | 19.655 | 17.333 | 44.275 | 35029.219 | 41041.762 | 26.439 | 27.908 | 28.548 | 1.019 |
| 9/6/2018 20:30 | 81000 | 19.658 | 17.329 | 44.282 | 35003.445 | 41012.267 | 26.418 | 27.888 | 28.569 | 1.019 |
| 9/6/2018 20:45 | 81900 | 19.657 | 17.328 | 44.279 | 35013.719 | 41025.289 | 26.428 | 27.897 | 28.566 | 1.019 |
| 9/6/2018 21:00 | 82800 | 19.657 | 17.327 | 44.28 | 35001.039 | 41010.592 | 26.417 | 27.887 | 28.571 | 1.019 |
| 9/6/2018 21:15 | 83700 | 19.658 | 17.327 | 44.282 | 35021.949 | 41035.898 | 26.435 | 27.904 | 28.554 | 1.019 |
| 9/6/2018 21:30 | 84600 | 19.654 | 17.326 | 44.272 | 35007.633 | 41020.328 | 26.424 | 27.894 | 28.565 | 1.019 |
| 9/6/2018 21:45 | 85500 | 19.656 | 17.325 | 44.277 | 35029.867 | 41046.621 | 26.443 | 27.912 | 28.547 | 1.019 |
| 9/6/2018 22:00 | 86400 | 19.656 | 17.322 | 44.276 | 34983.961 | 40995.727 | 26.406 | 27.877 | 28.585 | 1.019 |
| 9/6/2018 22:15 | 87300 | 19.648 | 17.324 | 44.259 | 35016.684 | 41033.129 | 26.433 | 27.903 | 28.558 | 1.019 |
| 9/6/2018 22:30 | 88200 | 19.653 | 17.324 | 44.269 | 35014.02 | 41029.824 | 26.431 | 27.9 | 28.56 | 1.019 |
| 9/6/2018 22:45 | 89100 | 19.657 | 17.324 | 44.279 | 35004.723 | 41018.445 | 26.423 | 27.893 | 28.568 | 1.019 |
| 9/6/2018 23:00 | 90000 | 19.652 | 17.321 | 44.268 | 35016.324 | 41034.703 | 26.434 | 27.904 | 28.558 | 1.019 |
| 9/6/2018 23:15 | 90900 | 19.653 | 17.322 | 44.269 | 35023.074 | 41041.797 | 26.439 | 27.908 | 28.553 | 1.019 |
| 9/6/2018 23:30 | 91800 | 19.656 | 17.321 | 44.277 | 35017.172 | 41036.012 | 26.435 | 27.904 | 28.557 | 1.019 |
| 9/6/2018 23:45 | 92700 | 19.65 | 17.319 | 44.263 | 35010.617 | 41029.863 | 26.43 | 27.9 | 28.563 | 1.019 |
| 9/7/2018 0:00 | 93600 | 19.646 | 17.317 | 44.255 | 35031.336 | 41056.391 | 26.449 | 27.918 | 28.546 | 1.019 |
| 9/7/2018 0:15 | 94500 | 19.649 | 17.323 | 44.261 | 35036.047 | 41055.797 | 26.449 | 27.918 | 28.542 | 1.019 |
| 9/7/2018 0:30 | 95400 | 19.647 | 17.321 | 44.256 | 35047.945 | 41071.668 | 26.46 | 27.929 | 28.532 | 1.019 |
| 9/7/2018 0:45 | 96300 | 19.65 | 17.319 | 44.262 | 35013.871 | 41033.824 | 26.433 | 27.903 | 28.56 | 1.019 |
| 9/7/2018 1:00 | 97200 | 19.651 | 17.319 | 44.266 | 35016.145 | 41036.813 | 26.435 | 27.905 | 28.558 | 1.019 |
| 9/7/2018 1:15 | 98100 | 19.646 | 17.318 | 44.254 | 34993.887 | 41011.215 | 26.417 | 27.888 | 28.576 | 1.019 |
| 9/7/2018 1:30 | 99000 | 19.651 | 17.317 | 44.265 | 35030.082 | 41054.273 | 26.448 | 27.917 | 28.547 | 1.019 |
| 9/7/2018 1:45 | 99900 | 19.65 | 17.315 | 44.263 | 35037.215 | 41065.211 | 26.455 | 27.924 | 28.541 | 1.019 |
| 9/7/2018 2:00 | 100800 | 19.65 | 17.317 | 44.263 | 35037.074 | 41063.027 | 26.454 | 27.923 | 28.541 | 1.019 |
| 9/7/2018 2:15 | 101700 | 19.648 | 17.317 | 44.26 | 35039.887 | 41066.246 | 26.456 | 27.925 | 28.539 | 1.019 |
| 9/7/2018 2:30 | 102600 | 19.648 | 17.315 | 44.258 | 35024.355 | 41049.496 | 26.444 | 27.914 | 28.552 | 1.019 |
| 9/7/2018 2:45 | 103500 | 19.651 | 17.319 | 44.266 | 35062.262 | 41090.703 | 26.474 | 27.942 | 28.521 | 1.019 |
| 9/7/2018 3:00 | 104400 | 19.65 | 17.315 | 44.262 | 35050.895 | 41080.93 | 26.467 | 27.935 | 28.53 | 1.019 |
| 9/7/2018 3:15 | 105300 | 19.648 | 17.315 | 44.258 | 35030.066 | 41056.52 | 26.449 | 27.918 | 28.547 | 1.019 |
| 9/7/2018 3:30 | 106200 | 19.648 | 17.315 | 44.26 | 35037.859 | 41065.563 | 26.456 | 27.925 | 28.541 | 1.019 |
| 9/7/2018 3:45 | 107100 | 19.652 | 17.317 | 44.268 | 35047.145 | 41074.918 | 26.462 | 27.931 | 28.533 | 1.019 |
| 9/7/2018 4:00 | 108000 | 19.65 | 17.313 | 44.263 | 35060.25 | 41093.496 | 26.476 | 27.944 | 28.522 | 1.019 |
| 9/7/2018 4:15 | 108900 | 19.647 | 17.313 | 44.256 | 35038.422 | 41067.672 | 26.457 | 27.926 | 28.54 | 1.019 |
| 9/7/2018 4:30 | 109800 | 19.647 | 17.315 | 44.257 | 35041.781 | 41070.156 | 26.459 | 27.928 | 28.537 | 1.019 |
| 9/7/2018 4:45 | 110700 | 19.647 | 17.317 | 44.256 | 35014.703 | 41036.98 | 26.435 | 27.905 | 28.559 | 1.019 |
| 9/7/2018 5:00 | 111600 | 19.649 | 17.317 | 44.261 | 35021.387 | 41044.566 | 26.441 | 27.91 | 28.554 | 1.019 |
| 9/7/2018 5:15 | 112500 | 19.649 | 17.318 | 44.261 | 35057.07 | 41085.742 | 26.447 | 27.938 | 28.525 | 1.019 |
| 9/7/2018 5:30 | 113400 | 19.648 | 17.318 | 44.258 | 35018.867 | 41040.492 | 26.438 | 27.908 | 28.556 | 1.019 |
| 9/7/2018 5:45 | 114300 | 19.65 | 17.318 | 44.264 | 35036.34 | 41060.648 | 26.452 | 27.921 | 28.542 | 1.019 |
| 9/7/2018 6:00 | 115200 | 19.648 | 17.319 | 44.258 | 35029.223 | 41051.738 | 26.446 | 27.915 | 28.548 | 1.019 |
| 9/7/2018 6:15 | 116100 | 19.648 | 17.32 | 44.258 | 35059.645 | 41086.105 | 26.471 | 27.939 | 28.523 | 1.019 |
| 9/7/2018 6:30 | 117000 | 19.647 | 17.321 | 44.256 | 35050.305 | 41074.922 | 26.463 | 27.931 | 28.53 | 1.019 |
| 9/7/2018 6:45 | 117900 | 19.651 | 17.324 | 44.266 | 35052.402 | 41074.152 | 26.462 | 27.93 | 28.529 | 1.019 |
| 9/7/2018 7:00 | 118800 | 19.648 | 17.322 | 44.259 | 35045.898 | 41068.469 | 26.458 | 27.927 | 28.534 | 1.019 |
| 9/7/2018 7:15 | 119700 | 19.65 | 17.322 | 44.263 | 35056.215 | 41080.469 | 26.467 | 27.935 | 28.526 | 1.019 |
| 9/7/2018 7:30 | 120600 | 19.647 | 17.325 | 44.256 | 35043.57 | 41063.32 | 26.455 | 27.923 | 28.536 | 1.019 |
| 9/7/2018 7:45 | 121500 | 19.652 | 17.324 | 44.268 | 35084.344 | 41111.668 | 26.489 | 27.956 | 28.503 | 1.019 |
| 9/7/2018 8:00 | 122400 | 19.653 | 17.324 | 44.269 | 35047.98 | 41069.219 | 26.459 | 27.927 | 28.532 | 1.019 |
| 9/7/2018 8:15 | 123300 | 19.648 | 17.323 | 44.258 | 35038.48 | 41059.363 | 26.452 | 27.92 | 28.54 | 1.019 |
| 9/7/2018 8:30 | 124200 | 19.654 | 17.323 | 44.272 | 35068.844 | 41094.141 | 26.476 | 27.944 | 28.515 | 1.019 |
| 9/7/2018 8:45 | 125100 | 19.65 | 17.325 | 44.264 | 35064.301 | 41087.375 | 26.472 | 27.939 | 28.519 | 1.019 |
| 9/7/2018 9:00 | 126000 | 19.651 | 17.324 | 44.266 | 35039.129 | 41058.598 | 26.451 | 27.92 | 28.54 | 1.019 |
| 9/7/2018 9:15 | 126900 | 19.654 | 17.323 | 44.272 | 35012.711 | 41029.164 | 26.43 | 27.9 | 28.561 | 1.019 |
| 9/7/2018 9:30 | 127800 | 19.654 | 17.323 | 44.273 | 35047.844 | 41069.859 | 26.459 | 27.928 | 28.532 | 1.019 |
| 9/7/2018 9:45 | 128700 | 19.655 | 17.324 | 44.274 | 35054.086 | 41076.289 | 26.464 | 27.932 | 28.527 | 1.019 |
| 9/7/2018 10:00 | 129600 | 19.659 | 17.322 | 44.283 | 35053.559 | 41078.008 | 26.465 | 27.933 | 28.528 | 1.019 |
| 9/7/2018 10:15 | 130500 | 19.657 | 17.322 | 44.278 | 35038.711 | 41061.734 | 26.453 | 27.922 | 28.54 | 1.019 |
| 9/7/2018 10:30 | 131400 | 19.657 | 17.32 | 44.28 | 35052.645 | 41078.063 | 26.465 | 27.933 | 28.529 | 1.019 |
| 9/7/2018 10:45 | 132300 | 19.658 | 17.321 | 44.281 | 35043.828 | 41067.332 | 26.457 | 27.926 | 28.536 | 1.019 |
| 9/7/2018 11:00 | 133200 | 19.654 | 17.32 | 44.272 | 35038.32 | 41061.348 | 26.453 | 27.922 | 28.54 | 1.019 |
| 9/7/2018 11:15 | 134100 | 19.656 | 17.319 | 44.277 | 35055.469 | 41082.895 | 26.468 | 27.936 | 28.526 | 1.019 |
| 9/7/2018 11:30 | 135000 | 19.659 | 17.32 | 44.284 | 35034.406 | 41057.082 | 26.465 | 27.919 | 28.543 | 1.019 |
| 9/7/2018 11:45 | 135900 | 19.658 | 17.317 | 44.281 | 35043.133 | 41069.566 | 26.459 | 27.927 | 28.536 | 1.019 |
| 9/7/2018 12:00 | 136800 | 19.657 | 17.32 | 44.278 | 35060.047 | 41087.301 | 26.471 | 27.939 | 28.522 | 1.019 |
| 9/7/2018 12:15 | 137700 | 19.66 | 17.318 | 44.286 | 35062.992 | 41092.68 | 26.475 | 27.943 | 28.52 | 1.019 |
| 9/7/2018 12:30 | 138600 | 19.66 | 17.318 | 44.287 | 35047.398 | 41074.25 | 26.462 | 27.93 | 28.533 | 1.019 |
| 9/7/2018 12:45 | 139500 | 19.66 | 17.316 | 44.285 | 35061.656 | 41092.563 | 26.475 | 27.943 | 28.521 | 1.019 |
| 9/7/2018 13:00 | 140400 | 19.662 | 17.313 | 44.291 | 35051.359 | 41083 | 26.468 | 27.936 | 28.53 | 1.019 |
| 9/7/2018 13:15 | 141300 | 19.661 | 17.314 | 44.288 | 35049.266 | 41079.66 | 26.466 | 27.934 | 28.531 | 1.019 |
| 9/7/2018 13:30 | 142200 | 19.66 | 17.314 | 44.286 | 35049.898 | 41080.887 | 26.467 | 27.935 | 28.531 | 1.019 |
| 9/7/2018 13:45 | 143100 | 19.659 | 17.316 | 44.284 | 35083.746 | 41118.543 | 26.494 | 27.961 | 28.503 | 1.019 |
| 9/7/2018 14:00 | 144000 | 19.658 | 17.315 | 44.282 | 35086.883 | 41122.855 | 26.497 | 27.964 | 28.501 | 1.019 |
| 9/7/2018 14:15 | 144900 | 19.661 | 17.314 | 44.288 | 35098.207 | 41137.508 | 26.507 | 27.974 | 28.491 | 1.019 |
| 9/7/2018 14:30 | 145800 | 19.657 | 17.316 | 44.28 | 35082.211 | 41116.582 | 26.492 | 27.959 | 28.504 | 1.019 |
| 9/7/2018 14:45 | 146700 | 19.658 | 17.313 | 44.281 | 35086.016 | 41123.859 | 26.497 | 27.964 | 28.501 | 1.019 |
| 9/7/2018 15:00 | 147600 | 19.663 | 17.316 | 44.292 | 35082.297 | 41117.16 | 26.493 | 27.96 | 28.504 | 1.019 |
| 9/7/2018 15:15 | 148500 | 19.663 | 17.316 | 44.293 | 35088.359 | 41123.789 | 26.497 | 27.964 | 28.499 | 1.019 |
| 9/7/2018 15:30 | 149400 | 19.662 | 17.314 | 44.29 | 35081.117 | 41117.555 | 26.493 | 27.96 | 28.505 | 1.019 |
| 9/7/2018 15:45 | 150300 | 19.662 | 17.313 | 44.29 | 35062.77 | 41096.449 | 26.478 | 27.946 | 28.52 | 1.019 |
| 9/7/2018 16:00 | 151200 | 19.667 | 17.314 | 44.301 | 35084.762 | 41121.172 | 26.495 | 27.962 | 28.502 | 1.019 |
| 9/7/2018 16:15 | 152100 | 19.663 | 17.314 | 44.294 | 35072.32 | 41107.168 | 26.485 | 27.953 | 28.513 | 1.019 |
| 9/7/2018 16:30 | 153000 | 19.66 | 17.317 | 44.285 | 35073.398 | 41105.199 | 26.484 | 27.952 | 28.512 | 1.019 |
| 9/7/2018 16:45 | 153900 | 19.661 | 17.316 | 44.288 | 35088.73 | 41124.059 | 26.498 | 27.964 | 28.499 | 1.019 |
| 9/7/2018 17:00 | 154800 | 19.666 | 17.316 | 44.3 | 35049.621 | 41078.137 | 26.465 | 27.933 | 28.531 | 1.019 |
| 9/7/2018 17:15 | 155700 | 19.665 | 17.316 | 44.297 | 35074.48 | 41107.438 | 26.486 | 27.953 | 28.511 | 1.019 |
| 9/7/2018 17:30 | 156600 | 19.665 | 17.317 | 44.298 | 35081.648 | 41114.938 | 26.491 | 27.958 | 28.505 | 1.019 |
| 9/7/2018 17:45 | 157500 | 19.663 | 17.318 | 44.294 | 35076.359 | 41108.434 | 26.486 | 27.954 | 28.5 | |

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|----------------|--------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|
| 9/8/2018 16:00 | 237600 | 19.691 | 17.319 | 44.355 | 35114.051 | 41150.828 | 26.517 | 27.983 | 28.479 | 1.019 |
| 9/8/2018 16:15 | 238500 | 19.695 | 17.318 | 44.366 | 35081.75 | 41114.266 | 26.491 | 27.958 | 28.505 | 1.019 |
| 9/8/2018 16:30 | 239400 | 19.694 | 17.319 | 44.362 | 35103.977 | 41139.828 | 26.509 | 27.975 | 28.487 | 1.019 |
| 9/8/2018 16:45 | 240300 | 19.694 | 17.32 | 44.378 | 35104.523 | 41138.93 | 26.508 | 27.974 | 28.486 | 1.019 |
| 9/8/2018 17:00 | 241200 | 19.694 | 17.32 | 44.363 | 35108.211 | 41143.094 | 26.511 | 27.977 | 28.483 | 1.019 |
| 9/8/2018 17:15 | 242100 | 19.696 | 17.319 | 44.368 | 35110.363 | 41146.758 | 26.514 | 27.98 | 28.482 | 1.019 |
| 9/8/2018 17:30 | 243000 | 19.693 | 17.319 | 44.36 | 35089.824 | 41122.758 | 26.497 | 27.963 | 28.498 | 1.019 |
| 9/8/2018 17:45 | 243900 | 19.694 | 17.32 | 44.362 | 35109.656 | 41144.545 | 26.513 | 27.979 | 28.482 | 1.019 |
| 9/8/2018 18:00 | 244800 | 19.696 | 17.32 | 44.367 | 35076.188 | 41105.492 | 26.484 | 27.952 | 28.509 | 1.019 |
| 9/8/2018 18:15 | 245700 | 19.697 | 17.321 | 44.37 | 35113.906 | 41148.805 | 26.515 | 27.981 | 28.479 | 1.019 |
| 9/8/2018 18:30 | 246600 | 19.693 | 17.32 | 44.36 | 35083.102 | 41113.828 | 26.49 | 27.957 | 28.504 | 1.019 |
| 9/8/2018 18:45 | 247500 | 19.698 | 17.32 | 44.371 | 35101.598 | 41135.824 | 26.506 | 27.972 | 28.489 | 1.019 |
| 9/8/2018 19:00 | 248400 | 19.695 | 17.321 | 44.364 | 35104.047 | 41137.57 | 26.507 | 27.974 | 28.487 | 1.019 |
| 9/8/2018 19:15 | 249300 | 19.695 | 17.322 | 44.366 | 35087.938 | 41117.809 | 26.493 | 27.96 | 28.5 | 1.019 |
| 9/8/2018 19:30 | 250200 | 19.694 | 17.321 | 44.363 | 35078.34 | 41107.207 | 26.486 | 27.953 | 28.508 | 1.019 |
| 9/8/2018 19:45 | 251100 | 19.697 | 17.322 | 44.37 | 35089.711 | 41120.203 | 26.495 | 27.962 | 28.498 | 1.019 |
| 9/8/2018 20:00 | 252000 | 19.698 | 17.322 | 44.371 | 35081.41 | 41110.246 | 26.488 | 27.955 | 28.505 | 1.019 |
| 9/8/2018 20:15 | 252900 | 19.697 | 17.321 | 44.37 | 35081.824 | 41111.691 | 26.489 | 27.956 | 28.505 | 1.019 |
| 9/8/2018 20:30 | 253800 | 19.697 | 17.321 | 44.369 | 35065.371 | 41092.008 | 26.475 | 27.943 | 28.518 | 1.019 |
| 9/8/2018 20:45 | 254700 | 19.697 | 17.32 | 44.369 | 35074.109 | 41103.219 | 26.483 | 27.95 | 28.511 | 1.019 |
| 9/8/2018 21:00 | 255600 | 19.697 | 17.32 | 44.369 | 35081.082 | 41111.301 | 26.489 | 27.956 | 28.505 | 1.019 |
| 9/8/2018 21:15 | 256500 | 19.694 | 17.321 | 44.362 | 35061.363 | 41087.23 | 26.471 | 27.939 | 28.521 | 1.019 |
| 9/8/2018 21:30 | 257400 | 19.699 | 17.322 | 44.373 | 35089.402 | 41119.609 | 26.495 | 27.961 | 28.499 | 1.019 |
| 9/8/2018 21:45 | 258300 | 19.695 | 17.321 | 44.364 | 35077.367 | 41106.145 | 26.485 | 27.952 | 28.508 | 1.019 |
| 9/8/2018 22:00 | 259200 | 19.695 | 17.321 | 44.366 | 35087.113 | 41118.211 | 26.494 | 27.96 | 28.5 | 1.019 |
| 9/8/2018 22:15 | 260100 | 19.696 | 17.322 | 44.368 | 35069.469 | 41096.469 | 26.478 | 27.946 | 28.515 | 1.019 |
| 9/8/2018 22:30 | 261000 | 19.699 | 17.32 | 44.373 | 35066.813 | 41095.23 | 26.477 | 27.945 | 28.517 | 1.019 |
| 9/8/2018 22:45 | 261900 | 19.694 | 17.319 | 44.363 | 35050.395 | 41076.227 | 26.464 | 27.932 | 28.53 | 1.019 |
| 9/8/2018 23:00 | 262800 | 19.696 | 17.32 | 44.367 | 35069.891 | 41098.273 | 26.479 | 27.947 | 28.514 | 1.019 |
| 9/8/2018 23:15 | 263700 | 19.702 | 17.319 | 44.381 | 35055.211 | 41082.355 | 26.468 | 27.936 | 28.526 | 1.019 |
| 9/8/2018 23:30 | 264600 | 19.695 | 17.318 | 44.364 | 35072.93 | 41103.691 | 26.483 | 27.951 | 28.512 | 1.019 |
| 9/8/2018 23:45 | 265500 | 19.695 | 17.317 | 44.366 | 35072.613 | 41104.281 | 26.483 | 27.951 | 28.512 | 1.019 |
| 9/9/2018 0:00 | 266400 | 19.699 | 17.317 | 44.375 | 35061.586 | 41091.191 | 26.474 | 27.942 | 28.521 | 1.019 |
| 9/9/2018 0:15 | 267300 | 19.699 | 17.316 | 44.374 | 35086.969 | 41122.398 | 26.496 | 27.963 | 28.501 | 1.019 |
| 9/9/2018 0:30 | 268200 | 19.698 | 17.314 | 44.371 | 35087.473 | 41124.676 | 26.498 | 27.965 | 28.5 | 1.019 |
| 9/9/2018 0:45 | 269100 | 19.699 | 17.317 | 44.374 | 35059.637 | 41088.996 | 26.473 | 27.941 | 28.523 | 1.019 |
| 9/9/2018 1:00 | 270000 | 19.699 | 17.315 | 44.373 | 35095.457 | 41132.746 | 26.504 | 27.97 | 28.494 | 1.019 |
| 9/9/2018 1:15 | 270900 | 19.699 | 17.319 | 44.374 | 35068.199 | 41097.898 | 26.479 | 27.947 | 28.516 | 1.019 |
| 9/9/2018 1:30 | 271800 | 19.696 | 17.315 | 44.367 | 35090.063 | 41126.34 | 26.499 | 27.966 | 28.498 | 1.019 |
| 9/9/2018 1:45 | 272700 | 19.698 | 17.315 | 44.372 | 35075.934 | 41110.109 | 26.488 | 27.955 | 28.51 | 1.019 |
| 9/9/2018 2:00 | 273600 | 19.693 | 17.313 | 44.36 | 35088.863 | 41126.957 | 26.499 | 27.966 | 28.499 | 1.019 |
| 9/9/2018 2:15 | 274500 | 19.697 | 17.316 | 44.369 | 35093.383 | 41129.59 | 26.501 | 27.968 | 28.495 | 1.019 |
| 9/9/2018 2:30 | 275400 | 19.696 | 17.314 | 44.368 | 35083.215 | 41119.359 | 26.494 | 27.961 | 28.504 | 1.019 |
| 9/9/2018 2:45 | 276300 | 19.699 | 17.317 | 44.373 | 35078.844 | 41112.23 | 26.489 | 27.956 | 28.507 | 1.019 |
| 9/9/2018 3:00 | 277200 | 19.695 | 17.316 | 44.366 | 35080.047 | 41114.523 | 26.491 | 27.958 | 28.506 | 1.019 |
| 9/9/2018 3:15 | 278100 | 19.695 | 17.317 | 44.365 | 35078.355 | 41110.848 | 26.488 | 27.955 | 28.508 | 1.019 |
| 9/9/2018 3:30 | 279000 | 19.695 | 17.317 | 44.365 | 35078.555 | 41111.406 | 26.489 | 27.956 | 28.507 | 1.019 |
| 9/9/2018 3:45 | 279900 | 19.693 | 17.318 | 44.361 | 35050.891 | 41077.859 | 26.465 | 27.933 | 28.53 | 1.019 |
| 9/9/2018 4:00 | 280800 | 19.691 | 17.318 | 44.356 | 35089.703 | 41123.508 | 26.497 | 27.964 | 28.498 | 1.019 |
| 9/9/2018 4:15 | 281700 | 19.694 | 17.318 | 44.362 | 35097.117 | 41132.035 | 26.503 | 27.97 | 28.492 | 1.019 |
| 9/9/2018 4:30 | 282600 | 19.697 | 17.319 | 44.37 | 35077.688 | 41108.375 | 26.486 | 27.954 | 28.508 | 1.019 |
| 9/9/2018 4:45 | 283500 | 19.694 | 17.321 | 44.362 | 35098.445 | 41131.168 | 26.503 | 27.969 | 28.491 | 1.019 |
| 9/9/2018 5:00 | 284400 | 19.692 | 17.322 | 44.358 | 35083.719 | 41113.18 | 26.49 | 27.957 | 28.503 | 1.019 |
| 9/9/2018 5:15 | 285300 | 19.691 | 17.322 | 44.357 | 35105.414 | 41138.289 | 26.508 | 27.974 | 28.486 | 1.019 |
| 9/9/2018 5:30 | 286200 | 19.692 | 17.323 | 44.358 | 35101.684 | 41132.711 | 26.504 | 27.97 | 28.489 | 1.019 |
| 9/9/2018 5:45 | 287100 | 19.695 | 17.323 | 44.366 | 35077.824 | 41104.906 | 26.484 | 27.951 | 28.508 | 1.019 |
| 9/9/2018 6:00 | 288000 | 19.692 | 17.323 | 44.359 | 35081.242 | 41109.074 | 26.487 | 27.954 | 28.505 | 1.019 |
| 9/9/2018 6:15 | 288900 | 19.693 | 17.324 | 44.36 | 35068.391 | 41093.289 | 26.476 | 27.943 | 28.516 | 1.019 |
| 9/9/2018 6:30 | 289800 | 19.693 | 17.324 | 44.361 | 35078.777 | 41104.891 | 26.484 | 27.951 | 28.507 | 1.019 |
| 9/9/2018 6:45 | 290700 | 19.69 | 17.325 | 44.353 | 35072.563 | 41096.738 | 26.478 | 27.946 | 28.512 | 1.019 |
| 9/9/2018 7:00 | 291600 | 19.691 | 17.326 | 44.355 | 35071.906 | 41095.641 | 26.478 | 27.945 | 28.513 | 1.019 |
| 9/9/2018 7:15 | 292500 | 19.691 | 17.326 | 44.357 | 35075.523 | 41099.387 | 26.48 | 27.948 | 28.51 | 1.019 |
| 9/9/2018 7:30 | 293400 | 19.691 | 17.327 | 44.356 | 35079.598 | 41103.363 | 26.483 | 27.95 | 28.507 | 1.019 |
| 9/9/2018 7:45 | 294300 | 19.693 | 17.328 | 44.361 | 35039.719 | 41056.148 | 26.45 | 27.918 | 28.539 | 1.019 |
| 9/9/2018 8:00 | 295200 | 19.691 | 17.328 | 44.355 | 35061.207 | 41081.25 | 26.468 | 27.935 | 28.522 | 1.019 |
| 9/9/2018 8:15 | 296100 | 19.687 | 17.328 | 44.346 | 35048.48 | 41066.172 | 26.457 | 27.925 | 28.532 | 1.019 |
| 9/9/2018 8:30 | 297000 | 19.69 | 17.328 | 44.354 | 35039.895 | 41056.277 | 26.45 | 27.918 | 28.539 | 1.019 |
| 9/9/2018 8:45 | 297900 | 19.692 | 17.329 | 44.358 | 35067.867 | 41087.926 | 26.472 | 27.94 | 28.516 | 1.019 |
| 9/9/2018 9:00 | 298800 | 19.687 | 17.328 | 44.347 | 35058.438 | 41077.762 | 26.465 | 27.933 | 28.524 | 1.019 |
| 9/9/2018 9:15 | 299700 | 19.688 | 17.329 | 44.35 | 35053.836 | 41071.809 | 26.461 | 27.929 | 28.528 | 1.019 |
| 9/9/2018 9:30 | 300600 | 19.691 | 17.328 | 44.355 | 35028.141 | 41041.949 | 26.439 | 27.909 | 28.548 | 1.019 |
| 9/9/2018 9:45 | 301500 | 19.688 | 17.329 | 44.348 | 35053.57 | 41070.852 | 26.46 | 27.928 | 28.528 | 1.019 |
| 9/9/2018 10:00 | 302400 | 19.691 | 17.329 | 44.356 | 35028.109 | 41041.18 | 26.439 | 27.908 | 28.549 | 1.019 |
| 9/9/2018 10:15 | 303300 | 19.696 | 17.328 | 44.367 | 35034.27 | 41049.688 | 26.445 | 27.914 | 28.543 | 1.019 |
| 9/9/2018 10:30 | 304200 | 19.69 | 17.327 | 44.353 | 35077.559 | 41101.449 | 26.482 | 27.949 | 28.508 | 1.019 |
| 9/9/2018 10:45 | 305100 | 19.688 | 17.327 | 44.35 | 35064.824 | 41086.457 | 26.471 | 27.939 | 28.519 | 1.019 |
| 9/9/2018 11:00 | 306000 | 19.689 | 17.326 | 44.352 | 35037.32 | 41054.551 | 26.448 | 27.917 | 28.541 | 1.019 |
| 9/9/2018 11:15 | 306900 | 19.693 | 17.328 | 44.36 | 35056.941 | 41076.008 | 26.464 | 27.932 | 28.525 | 1.019 |
| 9/9/2018 11:30 | 307800 | 19.687 | 17.326 | 44.346 | 35062.637 | 41084.617 | 26.47 | 27.938 | 28.52 | 1.019 |
| 9/9/2018 11:45 | 308700 | 19.688 | 17.326 | 44.349 | 35070.723 | 41093.93 | 26.476 | 27.944 | 28.514 | 1.019 |
| 9/9/2018 12:00 | 309600 | 19.688 | 17.325 | 44.349 | 35049.391 | 41069.98 | 26.459 | 27.928 | 28.531 | 1.019 |
| 9/9/2018 12:15 | 310500 | 19.688 | 17.325 | 44.35 | 35056.551 | 41078.531 | 26.465 | 27.933 | 28.525 | 1.019 |
| 9/9/2018 12:30 | 311400 | 19.69 | 17.326 | 44.354 | 35058.953 | 41080.227 | 26.467 | 27.935 | 28.523 | 1.019 |
| 9/9/2018 12:45 | 312300 | 19.689 | 17.325 | 44.351 | 35056.27 | 41078.449 | 26.465 | 27.933 | 28.526 | 1.019 |
| 9/9/2018 13:00 | 313200 | 19.687 | 17.323 | 44.347 | 35050.34 | 41072.945 | 26.461 | 27.93 | 28.53 | 1.019 |
| 9/9/2018 13:15 | 314100 | 19.689 | 17.325 | 44.352 | 35052.652 | 41073.727 | 26.462 | 27.933 | 28.529 | 1.019 |
| 9/9/2018 13:30 | 315000 | 19.689 | 17.325 | 44.351 | 35055.957 | 41089.07 | 26.473 | 27.941 | 28.518 | 1.019 |
| 9/9/2018 13:45 | 315900 | 19.689 | 17.325 | 44.352 | 35083.672 | 41109.664 | 26.488 | 27.955 | 28.503 | 1.019 |
| 9/9/2018 14:00 | 316800 | 19.688 | 17.323 | 44.35 | 35061.723 | 41086.281 | 26.471 | 27.939 | 28.521 | 1.019 |
| 9/9/2018 14:15 | 317700 | 19.69 | 17.323 | 44.354 | 35068.371 | 41093.828 | 26.476 | 27.944 | 28.516 | 1.019 |
| 9/9/2018 14:30 | 318600 | 19.691 | 17.323 | | | | | | | |

| | | | | | | | | | | |
|-----------------|--------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|
| 9/10/2018 12:30 | 397800 | 19.675 | 17.328 | 44.319 | 35079.063 | 41101.52 | 26.482 | 27.949 | 28.507 | 1.019 |
| 9/10/2018 12:45 | 398700 | 19.678 | 17.328 | 44.327 | 35059.641 | 41079.492 | 26.466 | 27.934 | 28.523 | 1.019 |
| 9/10/2018 13:00 | 399600 | 19.672 | 17.327 | 44.314 | 35071.461 | 41094.145 | 26.477 | 27.944 | 28.513 | 1.019 |
| 9/10/2018 13:15 | 400500 | 19.677 | 17.326 | 44.324 | 35080.176 | 41105.008 | 26.484 | 27.951 | 28.506 | 1.019 |
| 9/10/2018 13:30 | 401400 | 19.673 | 17.326 | 44.308 | 35074.219 | 41097.095 | 26.479 | 27.946 | 28.511 | 1.019 |
| 9/10/2018 13:45 | 402300 | 19.675 | 17.326 | 44.319 | 35061.836 | 41083.602 | 26.469 | 27.937 | 28.521 | 1.019 |
| 9/10/2018 14:00 | 403200 | 19.677 | 17.326 | 44.324 | 35067.68 | 41090.602 | 26.474 | 27.942 | 28.516 | 1.019 |
| 9/10/2018 14:15 | 404100 | 19.671 | 17.325 | 44.31 | 35078.184 | 41103.488 | 26.483 | 27.95 | 28.508 | 1.019 |
| 9/10/2018 14:30 | 405000 | 19.671 | 17.325 | 44.312 | 35095.641 | 41123.691 | 26.498 | 27.964 | 28.494 | 1.019 |
| 9/10/2018 14:45 | 405900 | 19.669 | 17.326 | 44.306 | 35098.645 | 41126.813 | 26.5 | 27.966 | 28.491 | 1.019 |
| 9/10/2018 15:00 | 406800 | 19.677 | 17.326 | 44.324 | 35092.207 | 41119.105 | 26.494 | 27.961 | 28.496 | 1.019 |
| 9/10/2018 15:15 | 407700 | 19.673 | 17.326 | 44.316 | 35094.363 | 41121.301 | 26.496 | 27.962 | 28.495 | 1.019 |
| 9/10/2018 15:30 | 408600 | 19.674 | 17.325 | 44.318 | 35086.898 | 41113.93 | 26.491 | 27.957 | 28.501 | 1.019 |
| 9/10/2018 15:45 | 409500 | 19.668 | 17.326 | 44.305 | 35107.656 | 41137.445 | 26.508 | 27.973 | 28.484 | 1.019 |
| 9/10/2018 16:00 | 410400 | 19.673 | 17.326 | 44.315 | 35080.277 | 41105.047 | 26.484 | 27.951 | 28.506 | 1.019 |
| 9/10/2018 16:15 | 411300 | 19.674 | 17.327 | 44.318 | 35074.855 | 41097.887 | 26.479 | 27.947 | 28.51 | 1.019 |
| 9/10/2018 16:30 | 412200 | 19.671 | 17.328 | 44.311 | 35094.871 | 41120.773 | 26.496 | 27.962 | 28.494 | 1.019 |
| 9/10/2018 16:45 | 413100 | 19.673 | 17.327 | 44.315 | 35083.324 | 41107.496 | 26.486 | 27.953 | 28.504 | 1.019 |
| 9/10/2018 17:00 | 414000 | 19.67 | 17.327 | 44.308 | 35081.293 | 41105.594 | 26.485 | 27.952 | 28.505 | 1.019 |
| 9/10/2018 17:15 | 414900 | 19.67 | 17.328 | 44.309 | 35085.059 | 41109.113 | 26.487 | 27.954 | 28.502 | 1.019 |
| 9/10/2018 17:30 | 415800 | 19.665 | 17.328 | 44.298 | 35076.508 | 41099.012 | 26.48 | 27.947 | 28.509 | 1.019 |
| 9/10/2018 17:45 | 416700 | 19.67 | 17.328 | 44.308 | 35096.762 | 41122.664 | 26.497 | 27.963 | 28.493 | 1.019 |
| 9/10/2018 18:00 | 417600 | 19.667 | 17.329 | 44.301 | 35111.703 | 41139.691 | 26.509 | 27.975 | 28.481 | 1.019 |
| 9/10/2018 18:15 | 418500 | 19.668 | 17.328 | 44.303 | 35080.637 | 41103.773 | 26.484 | 27.951 | 28.506 | 1.019 |
| 9/10/2018 18:30 | 419400 | 19.671 | 17.329 | 44.311 | 35092.258 | 41116.824 | 26.493 | 27.959 | 28.496 | 1.019 |
| 9/10/2018 18:45 | 420300 | 19.668 | 17.33 | 44.304 | 35081.797 | 41103.762 | 26.484 | 27.951 | 28.505 | 1.019 |
| 9/10/2018 19:00 | 421200 | 19.669 | 17.329 | 44.306 | 35098.418 | 41123.965 | 26.498 | 27.964 | 28.491 | 1.019 |
| 9/10/2018 19:15 | 422100 | 19.668 | 17.329 | 44.304 | 35084.945 | 41107.699 | 26.486 | 27.953 | 28.502 | 1.019 |
| 9/10/2018 19:30 | 423000 | 19.67 | 17.33 | 44.308 | 35094.082 | 41117.996 | 26.494 | 27.96 | 28.495 | 1.019 |
| 9/10/2018 19:45 | 423900 | 19.67 | 17.331 | 44.307 | 35075.406 | 41095.063 | 26.478 | 27.945 | 28.51 | 1.019 |
| 9/10/2018 20:00 | 424800 | 19.675 | 17.33 | 44.32 | 35083.535 | 41105.074 | 26.485 | 27.951 | 28.503 | 1.019 |
| 9/10/2018 20:15 | 425700 | 19.665 | 17.33 | 44.298 | 35050.668 | 41066.738 | 26.457 | 27.925 | 28.53 | 1.019 |
| 9/10/2018 20:30 | 426600 | 19.665 | 17.331 | 44.297 | 35064.18 | 41082.078 | 26.468 | 27.936 | 28.519 | 1.019 |
| 9/10/2018 20:45 | 427500 | 19.668 | 17.331 | 44.303 | 35046.574 | 41060.965 | 26.453 | 27.921 | 28.533 | 1.019 |
| 9/10/2018 21:00 | 428400 | 19.665 | 17.331 | 44.297 | 35054.914 | 41070.66 | 26.46 | 27.928 | 28.527 | 1.019 |
| 9/10/2018 21:15 | 429300 | 19.668 | 17.331 | 44.303 | 35075.211 | 41094.438 | 26.477 | 27.944 | 28.51 | 1.019 |
| 9/10/2018 21:30 | 430200 | 19.662 | 17.331 | 44.291 | 35057.473 | 41074.051 | 26.463 | 27.93 | 28.525 | 1.019 |
| 9/10/2018 21:45 | 431100 | 19.666 | 17.331 | 44.3 | 35070.5 | 41089.074 | 26.473 | 27.941 | 28.514 | 1.019 |
| 9/10/2018 22:00 | 432000 | 19.665 | 17.331 | 44.298 | 35056.406 | 41072.641 | 26.462 | 27.929 | 28.525 | 1.019 |
| 9/10/2018 22:15 | 432900 | 19.664 | 17.331 | 44.295 | 35075.707 | 41094.938 | 26.477 | 27.945 | 28.51 | 1.019 |
| 9/10/2018 22:30 | 433800 | 19.666 | 17.33 | 44.299 | 35069.891 | 41089.09 | 26.473 | 27.941 | 28.514 | 1.019 |
| 9/10/2018 22:45 | 434700 | 19.667 | 17.331 | 44.301 | 35060.445 | 41077.293 | 26.465 | 27.933 | 28.522 | 1.019 |
| 9/10/2018 23:00 | 435600 | 19.663 | 17.329 | 44.292 | 35056.379 | 41074.141 | 26.462 | 27.93 | 28.525 | 1.019 |
| 9/10/2018 23:15 | 436500 | 19.66 | 17.331 | 44.286 | 35055.449 | 41071.93 | 26.461 | 27.929 | 28.526 | 1.019 |
| 9/10/2018 23:30 | 437400 | 19.666 | 17.33 | 44.299 | 35055.035 | 41072.246 | 26.461 | 27.929 | 28.527 | 1.019 |
| 9/10/2018 23:45 | 438300 | 19.667 | 17.328 | 44.302 | 35061.137 | 41081.086 | 26.467 | 27.935 | 28.522 | 1.019 |
| 9/11/2018 0:00 | 439200 | 19.665 | 17.328 | 44.298 | 35053.152 | 41071.16 | 26.46 | 27.928 | 28.528 | 1.019 |
| 9/11/2018 0:15 | 440100 | 19.667 | 17.327 | 44.302 | 35046.809 | 41064.863 | 26.456 | 27.924 | 28.533 | 1.019 |
| 9/11/2018 0:30 | 441000 | 19.663 | 17.327 | 44.294 | 35078.277 | 41101.492 | 26.482 | 27.949 | 28.508 | 1.019 |
| 9/11/2018 0:45 | 441900 | 19.665 | 17.327 | 44.298 | 35068.273 | 41090.5 | 26.474 | 27.942 | 28.516 | 1.019 |
| 9/11/2018 1:00 | 442800 | 19.664 | 17.325 | 44.296 | 35064.992 | 41088.578 | 26.473 | 27.94 | 28.518 | 1.019 |
| 9/11/2018 1:15 | 443700 | 19.666 | 17.323 | 44.299 | 35077.121 | 41104.082 | 26.484 | 27.951 | 28.509 | 1.019 |
| 9/11/2018 1:30 | 444600 | 19.667 | 17.325 | 44.303 | 35103.09 | 41132.742 | 26.504 | 27.97 | 28.488 | 1.019 |
| 9/11/2018 1:45 | 445500 | 19.67 | 17.325 | 44.308 | 35078.246 | 41104.035 | 26.484 | 27.951 | 28.508 | 1.019 |
| 9/11/2018 2:00 | 446400 | 19.668 | 17.323 | 44.304 | 35082.023 | 41110.07 | 26.488 | 27.955 | 28.505 | 1.019 |
| 9/11/2018 2:15 | 447300 | 19.669 | 17.323 | 44.307 | 35093.113 | 41123.148 | 26.497 | 27.964 | 28.496 | 1.019 |
| 9/11/2018 2:30 | 448200 | 19.665 | 17.319 | 44.298 | 35067.984 | 41097.563 | 26.479 | 27.946 | 28.516 | 1.019 |
| 9/11/2018 2:45 | 449100 | 19.662 | 17.322 | 44.29 | 35078.566 | 41106.75 | 26.485 | 27.953 | 28.507 | 1.019 |
| 9/11/2018 3:00 | 450000 | 19.665 | 17.32 | 44.297 | 35097.512 | 41130.875 | 26.503 | 27.969 | 28.492 | 1.019 |
| 9/11/2018 3:15 | 450900 | 19.667 | 17.321 | 44.301 | 35096.508 | 41129.066 | 26.501 | 27.968 | 28.493 | 1.019 |
| 9/11/2018 3:30 | 451800 | 19.673 | 17.322 | 44.316 | 35080.914 | 41109.258 | 26.487 | 27.954 | 28.506 | 1.019 |
| 9/11/2018 3:45 | 452700 | 19.667 | 17.323 | 44.301 | 35084.945 | 41113.813 | 26.49 | 27.957 | 28.502 | 1.019 |
| 9/11/2018 4:00 | 453600 | 19.668 | 17.318 | 44.305 | 35083.703 | 41116.156 | 26.492 | 27.959 | 28.503 | 1.019 |
| 9/11/2018 4:15 | 454500 | 19.666 | 17.319 | 44.299 | 35077.297 | 41107.754 | 26.486 | 27.953 | 28.508 | 1.019 |
| 9/11/2018 4:30 | 455400 | 19.669 | 17.319 | 44.306 | 35089.781 | 41123.031 | 26.497 | 27.964 | 28.498 | 1.019 |
| 9/11/2018 4:45 | 456300 | 19.666 | 17.318 | 44.3 | 35098.762 | 41134.531 | 26.505 | 27.971 | 28.491 | 1.019 |
| 9/11/2018 5:00 | 457200 | 19.671 | 17.32 | 44.31 | 35085.738 | 41117.168 | 26.493 | 27.96 | 28.502 | 1.019 |
| 9/11/2018 5:15 | 458100 | 19.671 | 17.321 | 44.31 | 35091.934 | 41123.055 | 26.497 | 27.964 | 28.497 | 1.019 |
| 9/11/2018 5:30 | 459000 | 19.67 | 17.32 | 44.308 | 35095.148 | 41128.105 | 26.501 | 27.967 | 28.494 | 1.019 |
| 9/11/2018 5:45 | 459900 | 19.675 | 17.32 | 44.319 | 35094.23 | 41127.121 | 26.5 | 27.966 | 28.495 | 1.019 |
| 9/11/2018 6:00 | 460800 | 19.674 | 17.319 | 44.317 | 35089.215 | 41121.723 | 26.496 | 27.963 | 28.499 | 1.019 |
| 9/11/2018 6:15 | 461700 | 19.673 | 17.321 | 44.315 | 35095.137 | 41127.063 | 26.5 | 27.966 | 28.494 | 1.019 |
| 9/11/2018 6:30 | 462600 | 19.674 | 17.32 | 44.318 | 35103.152 | 41137.324 | 26.507 | 27.973 | 28.487 | 1.019 |
| 9/11/2018 6:45 | 463500 | 19.67 | 17.322 | 44.307 | 35098.68 | 41130.484 | 26.502 | 27.969 | 28.491 | 1.019 |
| 9/11/2018 7:00 | 464400 | 19.67 | 17.322 | 44.308 | 35112.195 | 41146.156 | 26.514 | 27.979 | 28.48 | 1.019 |
| 9/11/2018 7:15 | 465300 | 19.67 | 17.321 | 44.307 | 35106.375 | 41140.391 | 26.509 | 27.975 | 28.485 | 1.019 |
| 9/11/2018 7:30 | 466200 | 19.673 | 17.325 | 44.315 | 35078.551 | 41104.074 | 26.484 | 27.951 | 28.507 | 1.019 |
| 9/11/2018 7:45 | 467100 | 19.675 | 17.324 | 44.321 | 35112.086 | 41143.922 | 26.512 | 27.978 | 28.48 | 1.019 |
| 9/11/2018 8:00 | 468000 | 19.673 | 17.324 | 44.316 | 35093.668 | 41122.84 | 26.497 | 27.964 | 28.495 | 1.019 |
| 9/11/2018 8:15 | 468900 | 19.671 | 17.325 | 44.312 | 35104.109 | 41133.773 | 26.505 | 27.971 | 28.487 | 1.019 |
| 9/11/2018 8:30 | 469800 | 19.677 | 17.326 | 44.324 | 35102.34 | 41131.141 | 26.503 | 27.969 | 28.488 | 1.019 |
| 9/11/2018 8:45 | 470700 | 19.678 | 17.326 | 44.327 | 35103.027 | 41131.781 | 26.503 | 27.97 | 28.488 | 1.019 |
| 9/11/2018 9:00 | 471600 | 19.673 | 17.326 | 44.315 | 35095.797 | 41123.473 | 26.498 | 27.964 | 28.493 | 1.019 |
| 9/11/2018 9:15 | 472500 | 19.674 | 17.326 | 44.317 | 35110.418 | 41140.68 | 26.51 | 27.976 | 28.482 | 1.019 |
| 9/11/2018 9:30 | 473400 | 19.671 | 17.326 | 44.311 | 35101.469 | 41130.043 | 26.502 | 27.968 | 28.489 | 1.019 |
| 9/11/2018 9:45 | 474300 | 19.673 | 17.327 | 44.316 | 35116.289 | 41146.602 | 26.514 | 27.98 | 28.477 | 1.019 |
| 9/11/2018 10:00 | 475200 | 19.677 | 17.327 | 44.324 | 35103.859 | 41132.359 | 26.504 | 27.97 | 28.487 | 1.019 |
| 9/11/2018 10:15 | 476100 | 19.676 | 17.327 | 44.322 | 35097.379 | 41124.672 | 26.498 | 27.965 | 28.492 | 1.019 |
| 9/11/2018 10:30 | 477000 | 19.677 | 17.326 | 44.325 | 35106.16 | 41135.777 | 26.506 | 27.972 | 28.485 | 1.019 |
| 9/ | | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|
| 9/27/2018 5:00 | 1839600 | 19.73 | 17.353 | 44.444 | 35275.32 | 41308.891 | 26.631 | 28.09 | 28.348 | 1.019 |
| 9/27/2018 5:15 | 1840500 | 19.723 | 17.353 | 44.429 | 35255.02 | 41284.711 | 26.614 | 28.074 | 28.365 | 1.019 |
| 9/27/2018 5:30 | 1841400 | 19.725 | 17.354 | 44.432 | 35249.563 | 41278.082 | 26.609 | 28.069 | 28.369 | 1.019 |
| 9/27/2018 5:45 | 1842300 | 19.724 | 17.354 | 44.43 | 35276.785 | 41309.234 | 26.632 | 28.09 | 28.347 | 1.019 |
| 9/27/2018 5:00 | 1843200 | 19.724 | 17.355 | 44.431 | 35291.676 | 41325.707 | 26.643 | 28.101 | 28.345 | 1.019 |
| 9/27/2018 6:15 | 1844100 | 19.722 | 17.355 | 44.427 | 35281.484 | 41314.09 | 26.635 | 28.094 | 28.343 | 1.019 |
| 9/27/2018 6:30 | 1845000 | 19.724 | 17.355 | 44.43 | 35269.094 | 41299.664 | 26.625 | 28.084 | 28.353 | 1.019 |
| 9/27/2018 6:45 | 1845900 | 19.722 | 17.356 | 44.425 | 35271.113 | 41301.375 | 26.626 | 28.085 | 28.352 | 1.019 |
| 9/27/2018 7:00 | 1846800 | 19.718 | 17.356 | 44.417 | 35276.082 | 41306.473 | 26.63 | 28.088 | 28.348 | 1.019 |
| 9/27/2018 7:15 | 1847700 | 19.718 | 17.357 | 44.416 | 35280.391 | 41311.195 | 26.633 | 28.092 | 28.344 | 1.019 |
| 9/27/2018 7:30 | 1848600 | 19.721 | 17.358 | 44.422 | 35276.84 | 41306.219 | 26.63 | 28.088 | 28.347 | 1.019 |
| 9/27/2018 7:45 | 1849500 | 19.718 | 17.357 | 44.417 | 35260.836 | 41288.051 | 26.617 | 28.076 | 28.36 | 1.019 |
| 9/27/2018 8:00 | 1850400 | 19.722 | 17.358 | 44.425 | 35261.504 | 41288.102 | 26.617 | 28.076 | 28.36 | 1.019 |
| 9/27/2018 8:15 | 1851300 | 19.719 | 17.358 | 44.42 | 35265.781 | 41293.203 | 26.62 | 28.079 | 28.356 | 1.019 |
| 9/27/2018 8:30 | 1852200 | 19.716 | 17.359 | 44.413 | 35259.156 | 41284.547 | 26.614 | 28.073 | 28.361 | 1.019 |
| 9/27/2018 8:45 | 1853100 | 19.721 | 17.359 | 44.424 | 35275.809 | 41303.477 | 26.628 | 28.086 | 28.348 | 1.019 |
| 9/27/2018 9:00 | 1854000 | 19.713 | 17.358 | 44.405 | 35256.648 | 41282.02 | 26.612 | 28.072 | 28.363 | 1.019 |
| 9/27/2018 9:15 | 1854900 | 19.722 | 17.358 | 44.426 | 35257.266 | 41282.742 | 26.613 | 28.072 | 28.363 | 1.019 |
| 9/27/2018 9:30 | 1855800 | 19.717 | 17.359 | 44.414 | 35245.633 | 41268.715 | 26.603 | 28.063 | 28.372 | 1.019 |
| 9/27/2018 9:45 | 1856700 | 19.714 | 17.36 | 44.409 | 35253.703 | 41277.199 | 26.609 | 28.068 | 28.366 | 1.019 |
| 9/27/2018 10:00 | 1857600 | 19.718 | 17.36 | 44.416 | 35246.961 | 41268.891 | 26.603 | 28.063 | 28.371 | 1.019 |
| 9/27/2018 10:15 | 1858500 | 19.715 | 17.36 | 44.41 | 35231.008 | 41250.863 | 26.59 | 28.051 | 28.384 | 1.019 |
| 9/27/2018 10:30 | 1859400 | 19.717 | 17.359 | 44.415 | 35252.441 | 41276.285 | 26.608 | 28.068 | 28.367 | 1.019 |
| 9/27/2018 10:45 | 1860300 | 19.716 | 17.359 | 44.412 | 35237.105 | 41258.477 | 26.596 | 28.056 | 28.379 | 1.019 |
| 9/27/2018 11:00 | 1861200 | 19.713 | 17.359 | 44.406 | 35240.457 | 41262.004 | 26.598 | 28.058 | 28.376 | 1.019 |
| 9/27/2018 11:15 | 1862100 | 19.715 | 17.36 | 44.411 | 35275.07 | 41301.641 | 26.626 | 28.085 | 28.349 | 1.019 |
| 9/27/2018 11:30 | 1863000 | 19.715 | 17.359 | 44.411 | 35218.707 | 41236.617 | 26.58 | 28.041 | 28.394 | 1.019 |
| 9/27/2018 11:45 | 1863900 | 19.712 | 17.358 | 44.404 | 35240.121 | 41262.668 | 26.598 | 28.059 | 28.377 | 1.019 |
| 9/27/2018 12:00 | 1864800 | 19.714 | 17.359 | 44.407 | 35261.773 | 41287.043 | 26.616 | 28.075 | 28.359 | 1.019 |
| 9/27/2018 12:15 | 1865700 | 19.715 | 17.358 | 44.41 | 35249.281 | 41273.227 | 26.606 | 28.066 | 28.369 | 1.019 |
| 9/27/2018 12:30 | 1866600 | 19.715 | 17.357 | 44.411 | 35243.387 | 41267.289 | 26.602 | 28.062 | 28.374 | 1.019 |
| 9/27/2018 12:45 | 1867500 | 19.715 | 17.357 | 44.411 | 35219.07 | 41239.871 | 26.582 | 28.043 | 28.394 | 1.019 |
| 9/27/2018 13:00 | 1868400 | 19.713 | 17.358 | 44.405 | 35240.73 | 41263.871 | 26.599 | 28.059 | 28.376 | 1.019 |
| 9/27/2018 13:15 | 1869300 | 19.712 | 17.357 | 44.404 | 35235.23 | 41258.07 | 26.595 | 28.055 | 28.381 | 1.019 |
| 9/27/2018 13:30 | 1870200 | 19.711 | 17.355 | 44.402 | 35220.707 | 41243.082 | 26.584 | 28.045 | 28.392 | 1.019 |
| 9/27/2018 13:45 | 1871100 | 19.711 | 17.357 | 44.401 | 35246.973 | 41272.305 | 26.605 | 28.065 | 28.371 | 1.019 |
| 9/27/2018 14:00 | 1872000 | 19.716 | 17.356 | 44.412 | 35224.371 | 41245.922 | 26.586 | 28.047 | 28.389 | 1.019 |
| 9/27/2018 14:15 | 1872900 | 19.713 | 17.356 | 44.407 | 35253.234 | 41280.523 | 26.611 | 28.071 | 28.366 | 1.019 |
| 9/27/2018 14:30 | 1873800 | 19.717 | 17.354 | 44.414 | 35245.66 | 41273.352 | 26.606 | 28.066 | 28.372 | 1.019 |
| 9/27/2018 14:45 | 1874700 | 19.709 | 17.355 | 44.396 | 35272.113 | 41303.117 | 26.627 | 28.086 | 28.351 | 1.019 |
| 9/27/2018 15:00 | 1875600 | 19.71 | 17.354 | 44.4 | 35233.844 | 41259.438 | 26.596 | 28.056 | 28.382 | 1.019 |
| 9/27/2018 15:15 | 1876500 | 19.711 | 17.353 | 44.402 | 35266.391 | 41298.191 | 26.624 | 28.083 | 28.356 | 1.019 |
| 9/27/2018 15:30 | 1877400 | 19.707 | 17.354 | 44.393 | 35234.27 | 41259.684 | 26.596 | 28.057 | 28.381 | 1.019 |
| 9/27/2018 15:45 | 1878300 | 19.708 | 17.353 | 44.395 | 35256.676 | 41286.582 | 26.615 | 28.075 | 28.363 | 1.019 |
| 9/27/2018 16:00 | 1879200 | 19.709 | 17.353 | 44.397 | 35257.031 | 41287.805 | 26.616 | 28.076 | 28.363 | 1.019 |
| 9/27/2018 16:15 | 1880100 | 19.709 | 17.355 | 44.397 | 35247.098 | 41274.148 | 26.607 | 28.066 | 28.371 | 1.019 |
| 9/27/2018 16:30 | 1881000 | 19.71 | 17.353 | 44.399 | 35239.809 | 41266.832 | 26.601 | 28.061 | 28.377 | 1.019 |
| 9/27/2018 16:45 | 1881900 | 19.711 | 17.353 | 44.401 | 35236.668 | 41263.707 | 26.599 | 28.059 | 28.38 | 1.019 |
| 9/27/2018 17:00 | 1882800 | 19.707 | 17.353 | 44.391 | 35229.988 | 41255.332 | 26.593 | 28.054 | 28.385 | 1.019 |
| 9/27/2018 17:15 | 1883700 | 19.707 | 17.356 | 44.391 | 35281.645 | 41313.871 | 26.635 | 28.093 | 28.343 | 1.019 |
| 9/27/2018 17:30 | 1884600 | 19.704 | 17.356 | 44.386 | 35231.82 | 41255.047 | 26.593 | 28.053 | 28.383 | 1.019 |
| 9/27/2018 17:45 | 1885500 | 19.704 | 17.355 | 44.385 | 35263.934 | 41293.863 | 26.621 | 28.08 | 28.358 | 1.019 |
| 9/27/2018 18:00 | 1886400 | 19.708 | 17.354 | 44.394 | 35288.004 | 41322.281 | 26.641 | 28.099 | 28.338 | 1.019 |
| 9/27/2018 18:15 | 1887300 | 19.706 | 17.355 | 44.389 | 35216.34 | 41238.129 | 26.581 | 28.042 | 28.396 | 1.019 |
| 9/27/2018 18:30 | 1888200 | 19.707 | 17.356 | 44.392 | 35275.102 | 41306.129 | 26.629 | 28.088 | 28.349 | 1.019 |
| 9/27/2018 18:45 | 1889100 | 19.71 | 17.356 | 44.399 | 35244.172 | 41269.914 | 26.604 | 28.064 | 28.373 | 1.019 |
| 9/27/2018 19:00 | 1890000 | 19.707 | 17.357 | 44.393 | 35241.191 | 41265.125 | 26.6 | 28.06 | 28.376 | 1.019 |
| 9/27/2018 19:15 | 1890900 | 19.706 | 17.357 | 44.389 | 35270.98 | 41300.176 | 26.625 | 28.084 | 28.352 | 1.019 |
| 9/27/2018 19:30 | 1891800 | 19.71 | 17.357 | 44.398 | 35259.23 | 41286.25 | 26.615 | 28.075 | 28.361 | 1.019 |
| 9/27/2018 19:45 | 1892700 | 19.706 | 17.357 | 44.389 | 35244.738 | 41269.523 | 26.603 | 28.063 | 28.373 | 1.019 |
| 9/27/2018 20:00 | 1893600 | 19.699 | 17.359 | 44.373 | 35252.117 | 41276.469 | 26.608 | 28.068 | 28.367 | 1.019 |
| 9/27/2018 20:15 | 1894500 | 19.706 | 17.359 | 44.39 | 35245.559 | 41268.305 | 26.603 | 28.062 | 28.372 | 1.019 |
| 9/27/2018 20:30 | 1895400 | 19.706 | 17.358 | 44.39 | 35244.945 | 41268.148 | 26.602 | 28.062 | 28.373 | 1.019 |
| 9/27/2018 20:45 | 1896300 | 19.706 | 17.358 | 44.389 | 35261.281 | 41287.277 | 26.616 | 28.075 | 28.36 | 1.019 |
| 9/27/2018 21:00 | 1897200 | 19.699 | 17.359 | 44.375 | 35263.078 | 41288.652 | 26.617 | 28.076 | 28.358 | 1.019 |
| 9/27/2018 21:15 | 1898100 | 19.704 | 17.36 | 44.385 | 35240.035 | 41261.352 | 26.598 | 28.058 | 28.377 | 1.019 |
| 9/27/2018 21:30 | 1899000 | 19.703 | 17.359 | 44.384 | 35250.355 | 41274.152 | 26.607 | 28.066 | 28.369 | 1.019 |
| 9/27/2018 21:45 | 1899900 | 19.707 | 17.36 | 44.392 | 35246.5 | 41268.918 | 26.603 | 28.063 | 28.372 | 1.019 |
| 9/27/2018 22:00 | 1900800 | 19.707 | 17.36 | 44.391 | 35249.316 | 41272.219 | 26.605 | 28.065 | 28.369 | 1.019 |
| 9/27/2018 22:15 | 1901700 | 19.705 | 17.36 | 44.387 | 35264.758 | 41290.051 | 26.618 | 28.077 | 28.357 | 1.019 |
| 9/27/2018 22:30 | 1902600 | 19.707 | 17.36 | 44.391 | 35272.949 | 41299.734 | 26.625 | 28.084 | 28.35 | 1.019 |
| 9/27/2018 22:45 | 1903500 | 19.706 | 17.359 | 44.389 | 35261.449 | 41286.98 | 26.616 | 28.075 | 28.36 | 1.019 |
| 9/27/2018 23:00 | 1904400 | 19.701 | 17.36 | 44.379 | 35263.621 | 41288.813 | 26.617 | 28.076 | 28.358 | 1.019 |
| 9/27/2018 23:15 | 1905300 | 19.706 | 17.36 | 44.389 | 35259.32 | 41283.359 | 26.613 | 28.073 | 28.361 | 1.019 |
| 9/27/2018 23:30 | 1906200 | 19.707 | 17.36 | 44.391 | 35245.934 | 41267.941 | 26.602 | 28.062 | 28.372 | 1.019 |
| 9/27/2018 23:45 | 1907100 | 19.706 | 17.359 | 44.39 | 35279.352 | 41307.941 | 26.631 | 28.089 | 28.345 | 1.019 |
| 9/28/2018 0:00 | 1908000 | 19.703 | 17.358 | 44.384 | 35265.953 | 41292.914 | 26.62 | 28.079 | 28.356 | 1.019 |
| 9/28/2018 0:15 | 1908900 | 19.706 | 17.358 | 44.389 | 35256.793 | 41282.676 | 26.613 | 28.072 | 28.363 | 1.019 |
| 9/28/2018 0:30 | 1909800 | 19.707 | 17.357 | 44.391 | 35254.617 | 41281.016 | 26.612 | 28.071 | 28.365 | 1.019 |
| 9/28/2018 0:45 | 1910700 | 19.705 | 17.357 | 44.387 | 35258.023 | 41284.426 | 26.614 | 28.073 | 28.362 | 1.019 |
| 9/28/2018 1:00 | 1911600 | 19.707 | 17.358 | 44.393 | 35271.734 | 41300.012 | 26.625 | 28.084 | 28.351 | 1.019 |
| 9/28/2018 1:15 | 1912500 | 19.709 | 17.357 | 44.397 | 35255.016 | 41281.234 | 26.612 | 28.071 | 28.365 | 1.019 |
| 9/28/2018 1:30 | 1913400 | 19.709 | 17.356 | 44.396 | 35263.688 | 41292.844 | 26.62 | 28.079 | 28.358 | 1.019 |
| 9/28/2018 1:45 | 1914300 | 19.709 | 17.357 | 44.397 | 35255.328 | 41281.926 | 26.612 | 28.072 | 28.365 | 1.019 |
| 9/28/2018 2:00 | 1915200 | 19.706 | 17.356 | 44.39 | 35279.125 | 41310.594 | 26.633 | 28.091 | 28.345 | 1.019 |
| 9/28/2018 2:15 | 1916100 | 19.708 | 17.355 | 44.394 | 35281.547 | 41314.008 | 26.635 | 28.094 | 28.343 | 1.019 |
| 9/28/2018 2:30 | 1917000 | 19.711 | 17.353 | 44.401 | 35256.645 | 41286.613 | 26.615 | 28.075 | 28.363 | 1.019 |
| 9/28/2018 2:45 | 1917900 | 19.707 | 17.354 | 44.392 | 35283.492 | 41317.492 | 26.637 | 28.096 | 28.342 | 1.019 |
| 9/28/2018 3:00 | 1918800 | 19. | | | | | | | | |

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|-----------------|-----------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|
| 9/29/2018 1:30 | 1999800 | 19.709 | 17.359 | 44.396 | 35295.109 | 41326.074 | 26.644 | 28.102 | 28.333 | 1.019 |
| 9/29/2018 1:45 | 2000700 | 19.712 | 17.358 | 44.404 | 35288.344 | 41319.293 | 26.639 | 28.097 | 28.338 | 1.019 |
| 9/29/2018 2:00 | 2001600 | 19.713 | 17.357 | 44.407 | 35295 | 41327.805 | 26.645 | 28.103 | 28.333 | 1.019 |
| 9/29/2018 2:15 | 2002500 | 19.712 | 17.358 | 44.403 | 35314.141 | 41349.988 | 26.661 | 28.118 | 28.317 | 1.019 |
| 9/29/2018 2:30 | 2003400 | 19.712 | 17.357 | 44.404 | 35265.32 | 41293.707 | 26.621 | 28.08 | 28.356 | 1.019 |
| 9/29/2018 2:45 | 2004300 | 19.714 | 17.357 | 44.409 | 35292.01 | 41325.77 | 26.643 | 28.102 | 28.334 | 1.019 |
| 9/29/2018 3:00 | 2005200 | 19.711 | 17.356 | 44.401 | 35282.207 | 41313.801 | 26.635 | 28.093 | 28.343 | 1.019 |
| 9/29/2018 3:15 | 2006100 | 19.715 | 17.356 | 44.411 | 35295.898 | 41330.082 | 26.647 | 28.104 | 28.332 | 1.019 |
| 9/29/2018 3:30 | 2007000 | 19.712 | 17.356 | 44.404 | 35292.039 | 41325.313 | 26.643 | 28.101 | 28.335 | 1.019 |
| 9/29/2018 3:45 | 2007900 | 19.713 | 17.356 | 44.405 | 35317.648 | 41355.145 | 26.664 | 28.122 | 28.314 | 1.019 |
| 9/29/2018 4:00 | 2008800 | 19.714 | 17.357 | 44.409 | 35288.348 | 41320.105 | 26.639 | 28.098 | 28.338 | 1.019 |
| 9/29/2018 4:15 | 2009700 | 19.713 | 17.358 | 44.406 | 35284.047 | 41314.59 | 26.636 | 28.094 | 28.341 | 1.019 |
| 9/29/2018 4:30 | 2010600 | 19.711 | 17.356 | 44.401 | 35296.746 | 41331.391 | 26.647 | 28.105 | 28.331 | 1.019 |
| 9/29/2018 4:45 | 2011500 | 19.716 | 17.354 | 44.413 | 35284.855 | 41318.758 | 26.638 | 28.097 | 28.341 | 1.019 |
| 9/29/2018 5:00 | 2012400 | 19.715 | 17.356 | 44.41 | 35325.426 | 41364.656 | 26.671 | 28.128 | 28.308 | 1.019 |
| 9/29/2018 5:15 | 2013300 | 19.716 | 17.355 | 44.412 | 35288.609 | 41322.117 | 26.641 | 28.099 | 28.338 | 1.019 |
| 9/29/2018 5:30 | 2014200 | 19.713 | 17.354 | 44.405 | 35303.547 | 41340.574 | 26.654 | 28.112 | 28.326 | 1.019 |
| 9/29/2018 5:45 | 2015100 | 19.713 | 17.353 | 44.405 | 35304.109 | 41342.199 | 26.655 | 28.113 | 28.325 | 1.019 |
| 9/29/2018 6:00 | 2016000 | 19.716 | 17.354 | 44.413 | 35296.305 | 41332.656 | 26.648 | 28.106 | 28.332 | 1.019 |
| 9/29/2018 6:15 | 2016900 | 19.714 | 17.354 | 44.409 | 35305.168 | 41342.543 | 26.655 | 28.113 | 28.324 | 1.019 |
| 9/29/2018 6:30 | 2017800 | 19.716 | 17.354 | 44.412 | 35283.285 | 41317.332 | 26.637 | 28.096 | 28.342 | 1.019 |
| 9/29/2018 6:45 | 2018700 | 19.718 | 17.354 | 44.418 | 35293.117 | 41329.004 | 26.646 | 28.104 | 28.334 | 1.019 |
| 9/29/2018 7:00 | 2019600 | 19.716 | 17.353 | 44.412 | 35290.813 | 41327.277 | 26.644 | 28.103 | 28.336 | 1.019 |
| 9/29/2018 7:15 | 2020500 | 19.719 | 17.353 | 44.42 | 35304.996 | 41343.563 | 26.656 | 28.114 | 28.325 | 1.019 |
| 9/29/2018 7:30 | 2021400 | 19.717 | 17.355 | 44.415 | 35287.273 | 41321.262 | 26.64 | 28.098 | 28.339 | 1.019 |
| 9/29/2018 7:45 | 2022300 | 19.717 | 17.353 | 44.414 | 35300.98 | 41338.465 | 26.652 | 28.111 | 28.328 | 1.019 |
| 9/29/2018 8:00 | 2023200 | 19.717 | 17.355 | 44.415 | 35296.168 | 41331.285 | 26.647 | 28.105 | 28.332 | 1.019 |
| 9/29/2018 8:15 | 2024100 | 19.717 | 17.354 | 44.414 | 35306.25 | 41343.738 | 26.656 | 28.114 | 28.324 | 1.019 |
| 9/29/2018 8:30 | 2025000 | 19.715 | 17.354 | 44.41 | 35298.484 | 41335.371 | 26.65 | 28.108 | 28.33 | 1.019 |
| 9/29/2018 8:45 | 2025900 | 19.715 | 17.354 | 44.41 | 35311.984 | 41351.18 | 26.661 | 28.119 | 28.319 | 1.019 |
| 9/29/2018 9:00 | 2026800 | 19.713 | 17.354 | 44.405 | 35289.289 | 41335.145 | 26.65 | 28.108 | 28.33 | 1.019 |
| 9/29/2018 9:15 | 2027700 | 19.719 | 17.354 | 44.418 | 35289.324 | 41324.32 | 26.642 | 28.101 | 28.337 | 1.019 |
| 9/29/2018 9:30 | 2028600 | 19.714 | 17.354 | 44.408 | 35297.145 | 41333.641 | 26.649 | 28.107 | 28.331 | 1.019 |
| 9/29/2018 9:45 | 2029500 | 19.717 | 17.354 | 44.415 | 35305.387 | 41343.453 | 26.656 | 28.114 | 28.324 | 1.019 |
| 9/29/2018 10:00 | 2030400 | 19.718 | 17.355 | 44.417 | 35284.27 | 41317.266 | 26.637 | 28.096 | 28.341 | 1.019 |
| 9/29/2018 10:15 | 2031300 | 19.72 | 17.355 | 44.421 | 35318.977 | 41357.676 | 26.666 | 28.123 | 28.313 | 1.019 |
| 9/29/2018 10:30 | 2032200 | 19.717 | 17.355 | 44.414 | 35308.395 | 41345.602 | 26.658 | 28.115 | 28.322 | 1.019 |
| 9/29/2018 10:45 | 2033100 | 19.716 | 17.353 | 44.413 | 35330.004 | 41372.453 | 26.677 | 28.133 | 28.305 | 1.019 |
| 9/29/2018 11:00 | 2034000 | 19.714 | 17.354 | 44.409 | 35284.586 | 41318.281 | 26.638 | 28.096 | 28.341 | 1.019 |
| 9/29/2018 11:15 | 2034900 | 19.718 | 17.355 | 44.418 | 35318.031 | 41357.211 | 26.666 | 28.123 | 28.314 | 1.019 |
| 9/29/2018 11:30 | 2035800 | 19.715 | 17.354 | 44.411 | 35275.227 | 41307.734 | 26.63 | 28.089 | 28.349 | 1.019 |
| 9/29/2018 11:45 | 2036700 | 19.719 | 17.354 | 44.42 | 35291.086 | 41326.215 | 26.644 | 28.102 | 28.336 | 1.019 |
| 9/29/2018 12:00 | 2037600 | 19.719 | 17.355 | 44.418 | 35283.48 | 41316.43 | 26.637 | 28.095 | 28.342 | 1.019 |
| 9/29/2018 12:15 | 2038500 | 19.72 | 17.356 | 44.421 | 35296.816 | 41331.395 | 26.647 | 28.105 | 28.331 | 1.019 |
| 9/29/2018 12:30 | 2039400 | 19.719 | 17.355 | 44.418 | 35326.863 | 41367.23 | 26.673 | 28.13 | 28.307 | 1.019 |
| 9/29/2018 12:45 | 2040300 | 19.721 | 17.355 | 44.425 | 35313.594 | 41352.176 | 26.662 | 28.119 | 28.318 | 1.019 |
| 9/29/2018 13:00 | 2041200 | 19.72 | 17.355 | 44.421 | 35288.941 | 41323.063 | 26.641 | 28.1 | 28.337 | 1.019 |
| 9/29/2018 13:15 | 2042100 | 19.721 | 17.354 | 44.422 | 35296.953 | 41333.656 | 26.649 | 28.107 | 28.331 | 1.019 |
| 9/29/2018 13:30 | 2043000 | 19.721 | 17.353 | 44.425 | 35305.168 | 41343.367 | 26.656 | 28.113 | 28.324 | 1.019 |
| 9/29/2018 13:45 | 2043900 | 19.722 | 17.356 | 44.426 | 35296.566 | 41330.863 | 26.647 | 28.105 | 28.331 | 1.019 |
| 9/29/2018 14:00 | 2044800 | 19.724 | 17.354 | 44.43 | 35291.387 | 41326.406 | 26.644 | 28.102 | 28.336 | 1.019 |
| 9/29/2018 14:15 | 2045700 | 19.72 | 17.354 | 44.421 | 35314.805 | 41354.16 | 26.664 | 28.121 | 28.317 | 1.019 |
| 9/29/2018 14:30 | 2046600 | 19.722 | 17.354 | 44.427 | 35287.148 | 41321.934 | 26.641 | 28.099 | 28.339 | 1.019 |
| 9/29/2018 14:45 | 2047500 | 19.72 | 17.353 | 44.421 | 35300.789 | 41338.242 | 26.652 | 28.111 | 28.328 | 1.019 |
| 9/29/2018 15:00 | 2048400 | 19.722 | 17.352 | 44.427 | 35313.863 | 41354.918 | 26.664 | 28.121 | 28.317 | 1.019 |
| 9/29/2018 15:15 | 2049300 | 19.721 | 17.353 | 44.425 | 35303.121 | 41341.129 | 26.654 | 28.112 | 28.326 | 1.019 |
| 9/29/2018 15:30 | 2050200 | 19.721 | 17.351 | 44.424 | 35295.57 | 41334.223 | 26.649 | 28.107 | 28.332 | 1.019 |
| 9/29/2018 15:45 | 2051100 | 19.723 | 17.351 | 44.429 | 35316.277 | 41358.234 | 26.666 | 28.124 | 28.316 | 1.019 |
| 9/29/2018 16:00 | 2052000 | 19.72 | 17.349 | 44.421 | 35317.574 | 41361.855 | 26.669 | 28.126 | 28.315 | 1.019 |
| 9/29/2018 16:15 | 2052900 | 19.721 | 17.352 | 44.425 | 35304.508 | 41343.477 | 26.656 | 28.114 | 28.325 | 1.019 |
| 9/29/2018 16:30 | 2053800 | 19.721 | 17.352 | 44.422 | 35322.105 | 41364.41 | 26.671 | 28.128 | 28.311 | 1.019 |
| 9/29/2018 16:45 | 2054700 | 19.722 | 17.351 | 44.427 | 35312.441 | 41354.469 | 26.664 | 28.121 | 28.319 | 1.019 |
| 9/29/2018 17:00 | 2055600 | 19.725 | 17.352 | 44.434 | 35314.129 | 41355.23 | 26.664 | 28.122 | 28.317 | 1.019 |
| 9/29/2018 17:15 | 2056500 | 19.721 | 17.352 | 44.424 | 35297.027 | 41334.871 | 26.65 | 28.108 | 28.331 | 1.019 |
| 9/29/2018 17:30 | 2057400 | 19.723 | 17.351 | 44.428 | 35301.34 | 41340.664 | 26.654 | 28.112 | 28.328 | 1.019 |
| 9/29/2018 17:45 | 2058300 | 19.721 | 17.352 | 44.422 | 35308.195 | 41348.609 | 26.66 | 28.117 | 28.322 | 1.019 |
| 9/29/2018 18:00 | 2059200 | 19.724 | 17.352 | 44.431 | 35308.754 | 41349.262 | 26.66 | 28.118 | 28.322 | 1.019 |
| 9/29/2018 18:15 | 2060100 | 19.721 | 17.351 | 44.424 | 35342.523 | 41389.789 | 26.689 | 28.145 | 28.295 | 1.019 |
| 9/29/2018 18:30 | 2061000 | 19.721 | 17.352 | 44.422 | 35306.66 | 41346.566 | 26.658 | 28.116 | 28.323 | 1.019 |
| 9/29/2018 18:45 | 2061900 | 19.721 | 17.352 | 44.422 | 35311.34 | 41351.477 | 26.662 | 28.119 | 28.32 | 1.019 |
| 9/29/2018 19:00 | 2062800 | 19.721 | 17.352 | 44.425 | 35305.039 | 41344.348 | 26.657 | 28.114 | 28.325 | 1.019 |
| 9/29/2018 19:15 | 2063700 | 19.721 | 17.354 | 44.424 | 35325.18 | 41365.977 | 26.672 | 28.129 | 28.308 | 1.019 |
| 9/29/2018 19:30 | 2064600 | 19.718 | 17.354 | 44.418 | 35338.156 | 41381.012 | 26.683 | 28.139 | 28.298 | 1.019 |
| 9/29/2018 19:45 | 2065500 | 19.721 | 17.355 | 44.425 | 35291.547 | 41326.035 | 26.644 | 28.102 | 28.335 | 1.019 |
| 9/29/2018 20:00 | 2066400 | 19.723 | 17.355 | 44.428 | 35290.613 | 41324.781 | 26.643 | 28.101 | 28.336 | 1.019 |
| 9/29/2018 20:15 | 2067300 | 19.721 | 17.356 | 44.424 | 35307.305 | 41343.84 | 26.656 | 28.114 | 28.323 | 1.019 |
| 9/29/2018 20:30 | 2068200 | 19.718 | 17.356 | 44.416 | 35316.758 | 41354.984 | 26.664 | 28.121 | 28.315 | 1.019 |
| 9/29/2018 20:45 | 2069100 | 19.718 | 17.356 | 44.416 | 35321.277 | 41359.551 | 26.668 | 28.124 | 28.312 | 1.019 |
| 9/29/2018 21:00 | 2070000 | 19.718 | 17.357 | 44.416 | 35329.824 | 41368.832 | 26.674 | 28.131 | 28.305 | 1.019 |
| 9/29/2018 21:15 | 2070900 | 19.718 | 17.357 | 44.418 | 35302.84 | 41337.234 | 26.652 | 28.109 | 28.326 | 1.019 |
| 9/29/2018 21:30 | 2071800 | 19.716 | 17.358 | 44.412 | 35309.988 | 41369.785 | 26.675 | 28.131 | 28.304 | 1.019 |
| 9/29/2018 21:45 | 2072700 | 19.717 | 17.359 | 44.415 | 35321.52 | 41357.246 | 26.666 | 28.123 | 28.311 | 1.019 |
| 9/29/2018 22:00 | 2073600 | 19.718 | 17.359 | 44.417 | 35318.383 | 41353.496 | 26.663 | 28.12 | 28.314 | 1.019 |
| 9/29/2018 22:15 | 2074500 | 19.718 | 17.359 | 44.418 | 35310.156 | 41343.863 | 26.657 | 28.114 | 28.32 | 1.019 |
| 9/29/2018 22:30 | 2075400 | 19.716 | 17.36 | 44.413 | 35293.871 | 41324.469 | 26.643 | 28.101 | 28.334 | 1.019 |
| 9/29/2018 22:45 | 2076300 | 19.716 | 17.36 | 44.412 | 35292.078 | 41321.715 | 26.641 | 28.099 | 28.335 | 1.019 |
| 9/29/2018 23:00 | 2077200 | 19.713 | 17.36 | 44.406 | 35280.164 | 41308.09 | 26.631 | 28.09 | 28.345 | 1.019 |
| 9/29/2018 23:15 | 2078100 | 19.713 | 17.361 | 44.406 | 35299.762 | 41330.309 | 26.647 | 28.105 | 28.329 | 1.019 |
| 9/29/2018 23:30 | 2079000</ | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|
| 9/30/2018 22:00 | 2160000 | 19.692 | 17.359 | 44.359 | 35324.273 | 41360.953 | 26.669 | 28.125 | 28.309 | 1.019 |
| 9/30/2018 22:15 | 2160900 | 19.694 | 17.359 | 44.363 | 35320.484 | 41355.957 | 26.665 | 28.122 | 28.312 | 1.019 |
| 9/30/2018 22:30 | 2161800 | 19.697 | 17.36 | 44.37 | 35326.18 | 41362.059 | 26.67 | 28.126 | 28.308 | 1.019 |
| 9/30/2018 22:45 | 2162700 | 19.694 | 17.361 | 44.362 | 35316.215 | 41349.41 | 26.661 | 28.118 | 28.316 | 1.019 |
| 9/30/2018 23:00 | 2163600 | 19.698 | 17.362 | 44.371 | 35325.48 | 41359.207 | 26.668 | 28.124 | 28.308 | 1.019 |
| 9/30/2018 23:15 | 2164500 | 19.692 | 17.362 | 44.359 | 35339.949 | 41376.473 | 26.668 | 28.136 | 28.297 | 1.019 |
| 9/30/2018 23:30 | 2165400 | 19.695 | 17.362 | 44.365 | 35305.09 | 41335.582 | 26.651 | 28.108 | 28.325 | 1.019 |
| 9/30/2018 23:45 | 2166300 | 19.694 | 17.362 | 44.362 | 35301.68 | 41331.188 | 26.648 | 28.105 | 28.327 | 1.019 |
| 10/1/2018 0:00 | 2167200 | 19.694 | 17.363 | 44.363 | 35325.246 | 41358.553 | 26.667 | 28.124 | 28.308 | 1.019 |
| 10/1/2018 0:15 | 2168100 | 19.697 | 17.364 | 44.369 | 35302.313 | 41330.223 | 26.647 | 28.105 | 28.327 | 1.019 |
| 10/1/2018 0:30 | 2169000 | 19.694 | 17.364 | 44.363 | 35315.105 | 41345.359 | 26.658 | 28.115 | 28.316 | 1.019 |
| 10/1/2018 0:45 | 2169900 | 19.694 | 17.365 | 44.364 | 35307.641 | 41335.402 | 26.651 | 28.108 | 28.322 | 1.019 |
| 10/1/2018 1:00 | 2170800 | 19.694 | 17.365 | 44.363 | 35307.613 | 41335.785 | 26.651 | 28.108 | 28.323 | 1.019 |
| 10/1/2018 1:15 | 2171700 | 19.69 | 17.365 | 44.353 | 35317.762 | 41346.934 | 26.659 | 28.116 | 28.314 | 1.019 |
| 10/1/2018 1:30 | 2172600 | 19.692 | 17.367 | 44.359 | 35334.266 | 41365.035 | 26.672 | 28.128 | 28.301 | 1.019 |
| 10/1/2018 1:45 | 2173500 | 19.697 | 17.366 | 44.37 | 35304.887 | 41331.371 | 26.648 | 28.105 | 28.325 | 1.019 |
| 10/1/2018 2:00 | 2174400 | 19.694 | 17.365 | 44.363 | 35312.426 | 41340.688 | 26.655 | 28.112 | 28.319 | 1.019 |
| 10/1/2018 2:15 | 2175300 | 19.696 | 17.367 | 44.367 | 35315.609 | 41343.191 | 26.656 | 28.113 | 28.316 | 1.019 |
| 10/1/2018 2:30 | 2176200 | 19.691 | 17.366 | 44.355 | 35322.26 | 41352.262 | 26.663 | 28.12 | 28.31 | 1.019 |
| 10/1/2018 2:45 | 2177100 | 19.694 | 17.366 | 44.362 | 35286.793 | 41310.516 | 26.633 | 28.091 | 28.339 | 1.019 |
| 10/1/2018 3:00 | 2178000 | 19.69 | 17.365 | 44.353 | 35312.004 | 41340.348 | 26.654 | 28.111 | 28.319 | 1.019 |
| 10/1/2018 3:15 | 2178900 | 19.693 | 17.366 | 44.361 | 35291.543 | 41315.684 | 26.637 | 28.095 | 28.335 | 1.019 |
| 10/1/2018 3:30 | 2179800 | 19.694 | 17.366 | 44.363 | 35280.238 | 41302.195 | 26.627 | 28.085 | 28.344 | 1.019 |
| 10/1/2018 3:45 | 2180700 | 19.695 | 17.366 | 44.366 | 35302.258 | 41328.461 | 26.646 | 28.103 | 28.327 | 1.019 |
| 10/1/2018 4:00 | 2181600 | 19.693 | 17.365 | 44.36 | 35308.012 | 41335.996 | 26.651 | 28.108 | 28.322 | 1.019 |
| 10/1/2018 4:15 | 2182500 | 19.693 | 17.364 | 44.361 | 35274.895 | 41298.445 | 26.624 | 28.083 | 28.349 | 1.019 |
| 10/1/2018 4:30 | 2183400 | 19.691 | 17.363 | 44.356 | 35318.629 | 41349.887 | 26.661 | 28.118 | 28.314 | 1.019 |
| 10/1/2018 4:45 | 2184300 | 19.691 | 17.363 | 44.355 | 35308.582 | 41338.047 | 26.653 | 28.111 | 28.322 | 1.019 |
| 10/1/2018 5:00 | 2185200 | 19.691 | 17.365 | 44.357 | 35301.977 | 41329.094 | 26.646 | 28.104 | 28.327 | 1.019 |
| 10/1/2018 5:15 | 2186100 | 19.692 | 17.364 | 44.358 | 35308.266 | 41337.594 | 26.652 | 28.111 | 28.322 | 1.019 |
| 10/1/2018 5:30 | 2187000 | 19.69 | 17.364 | 44.354 | 35295.426 | 41321.754 | 26.641 | 28.099 | 28.332 | 1.019 |
| 10/1/2018 5:45 | 2187900 | 19.693 | 17.364 | 44.361 | 35293.355 | 41319.57 | 26.639 | 28.097 | 28.334 | 1.019 |
| 10/1/2018 6:00 | 2188800 | 19.689 | 17.363 | 44.352 | 35310.996 | 41341.039 | 26.655 | 28.112 | 28.32 | 1.019 |
| 10/1/2018 6:15 | 2189700 | 19.694 | 17.365 | 44.362 | 35321.973 | 41352.434 | 26.663 | 28.12 | 28.311 | 1.019 |
| 10/1/2018 6:30 | 2190600 | 19.688 | 17.363 | 44.35 | 35308.078 | 41338.262 | 26.653 | 28.111 | 28.322 | 1.019 |
| 10/1/2018 6:45 | 2191500 | 19.688 | 17.362 | 44.348 | 35310.074 | 41340.852 | 26.655 | 28.112 | 28.321 | 1.019 |
| 10/1/2018 7:00 | 2192400 | 19.69 | 17.362 | 44.354 | 35313.414 | 41344.926 | 26.657 | 28.115 | 28.318 | 1.019 |
| 10/1/2018 7:15 | 2193300 | 19.686 | 17.362 | 44.344 | 35300.074 | 41329.145 | 26.646 | 28.104 | 28.329 | 1.019 |
| 10/1/2018 7:30 | 2194200 | 19.686 | 17.363 | 44.345 | 35296.023 | 41323.59 | 26.642 | 28.1 | 28.332 | 1.019 |
| 10/1/2018 7:45 | 2195100 | 19.689 | 17.362 | 44.352 | 35306.742 | 41336.859 | 26.652 | 28.109 | 28.323 | 1.019 |
| 10/1/2018 8:00 | 2196000 | 19.69 | 17.363 | 44.353 | 35298.078 | 41325.75 | 26.644 | 28.102 | 28.33 | 1.019 |
| 10/1/2018 8:15 | 2196900 | 19.688 | 17.362 | 44.349 | 35289.266 | 41317.129 | 26.638 | 28.096 | 28.337 | 1.019 |
| 10/1/2018 8:30 | 2197800 | 19.691 | 17.363 | 44.355 | 35298.535 | 41326.934 | 26.645 | 28.102 | 28.33 | 1.019 |
| 10/1/2018 8:45 | 2198700 | 19.686 | 17.363 | 44.346 | 35319.891 | 41351.449 | 26.662 | 28.119 | 28.313 | 1.019 |
| 10/1/2018 9:00 | 2199600 | 19.69 | 17.362 | 44.354 | 35293.59 | 41321.461 | 26.641 | 28.099 | 28.334 | 1.019 |
| 10/1/2018 9:15 | 2200500 | 19.683 | 17.363 | 44.337 | 35295.566 | 41323.707 | 26.642 | 28.1 | 28.332 | 1.019 |
| 10/1/2018 9:30 | 2201400 | 19.683 | 17.363 | 44.338 | 35306.262 | 41335.902 | 26.651 | 28.108 | 28.324 | 1.019 |
| 10/1/2018 9:45 | 2202300 | 19.685 | 17.363 | 44.342 | 35314.238 | 41344.918 | 26.657 | 28.115 | 28.317 | 1.019 |
| 10/1/2018 10:00 | 2203200 | 19.688 | 17.363 | 44.345 | 35311.449 | 41341.566 | 26.655 | 28.112 | 28.319 | 1.019 |
| 10/1/2018 10:15 | 2204100 | 19.683 | 17.363 | 44.337 | 35305.98 | 41335.078 | 26.65 | 28.108 | 28.324 | 1.019 |
| 10/1/2018 10:30 | 2205000 | 19.678 | 17.364 | 44.328 | 35297.531 | 41324.785 | 26.643 | 28.101 | 28.331 | 1.019 |
| 10/1/2018 10:45 | 2205900 | 19.686 | 17.363 | 44.345 | 35305.965 | 41335.465 | 26.651 | 28.108 | 28.324 | 1.019 |
| 10/1/2018 11:00 | 2206800 | 19.683 | 17.363 | 44.339 | 35315.059 | 41345.957 | 26.658 | 28.115 | 28.317 | 1.019 |
| 10/1/2018 11:15 | 2207700 | 19.685 | 17.361 | 44.343 | 35304.93 | 41335.711 | 26.651 | 28.108 | 28.325 | 1.019 |
| 10/1/2018 11:30 | 2208600 | 19.682 | 17.363 | 44.335 | 35312.895 | 41343.668 | 26.657 | 28.114 | 28.318 | 1.019 |
| 10/1/2018 11:45 | 2209500 | 19.686 | 17.363 | 44.344 | 35310.207 | 41340.43 | 26.654 | 28.111 | 28.32 | 1.019 |
| 10/1/2018 12:00 | 2210400 | 19.687 | 17.363 | 44.346 | 35304.926 | 41334.664 | 26.65 | 28.108 | 28.325 | 1.019 |
| 10/1/2018 12:15 | 2211300 | 19.686 | 17.363 | 44.344 | 35307.367 | 41337.523 | 26.652 | 28.111 | 28.323 | 1.019 |
| 10/1/2018 12:30 | 2212200 | 19.687 | 17.363 | 44.347 | 35297.738 | 41325.922 | 26.644 | 28.102 | 28.33 | 1.019 |
| 10/1/2018 12:45 | 2213100 | 19.686 | 17.364 | 44.345 | 35314.719 | 41344.832 | 26.657 | 28.114 | 28.317 | 1.019 |
| 10/1/2018 13:00 | 2214000 | 19.685 | 17.364 | 44.343 | 35301.656 | 41329.375 | 26.646 | 28.104 | 28.327 | 1.019 |
| 10/1/2018 13:15 | 2214900 | 19.686 | 17.364 | 44.346 | 35299.953 | 41327.461 | 26.645 | 28.103 | 28.329 | 1.019 |
| 10/1/2018 13:30 | 2215800 | 19.682 | 17.363 | 44.335 | 35313.152 | 41343.879 | 26.657 | 28.114 | 28.318 | 1.019 |
| 10/1/2018 13:45 | 2216700 | 19.684 | 17.363 | 44.341 | 35307.563 | 41337.262 | 26.652 | 28.109 | 28.323 | 1.019 |
| 10/1/2018 14:00 | 2217600 | 19.687 | 17.363 | 44.347 | 35311.977 | 41342.348 | 26.656 | 28.113 | 28.319 | 1.019 |
| 10/1/2018 14:15 | 2218500 | 19.686 | 17.362 | 44.345 | 35287.02 | 41313.938 | 26.635 | 28.093 | 28.339 | 1.019 |
| 10/1/2018 14:30 | 2219400 | 19.683 | 17.363 | 44.337 | 35283.75 | 41309.777 | 26.632 | 28.091 | 28.342 | 1.019 |
| 10/1/2018 14:45 | 2220300 | 19.683 | 17.363 | 44.339 | 35319.426 | 41351.152 | 26.662 | 28.119 | 28.313 | 1.019 |
| 10/1/2018 15:00 | 2221200 | 19.686 | 17.362 | 44.344 | 35322.848 | 41355.969 | 26.665 | 28.122 | 28.31 | 1.019 |
| 10/1/2018 15:15 | 2222100 | 19.681 | 17.362 | 44.333 | 35302.977 | 41333.02 | 26.649 | 28.106 | 28.326 | 1.019 |
| 10/1/2018 15:30 | 2223000 | 19.678 | 17.361 | 44.326 | 35293.262 | 41322.227 | 26.641 | 28.099 | 28.334 | 1.019 |
| 10/1/2018 15:45 | 2223900 | 19.684 | 17.362 | 44.341 | 35311.344 | 41342.5 | 26.656 | 28.113 | 28.32 | 1.019 |
| 10/1/2018 16:00 | 2224800 | 19.683 | 17.359 | 44.338 | 35294.098 | 41324.891 | 26.643 | 28.101 | 28.333 | 1.019 |
| 10/1/2018 16:15 | 2225700 | 19.683 | 17.358 | 44.337 | 35321.289 | 41358.105 | 26.667 | 28.124 | 28.312 | 1.019 |
| 10/1/2018 16:30 | 2226600 | 19.682 | 17.359 | 44.336 | 35325.43 | 41362.227 | 26.67 | 28.126 | 28.308 | 1.019 |
| 10/1/2018 16:45 | 2227500 | 19.682 | 17.36 | 44.336 | 35310.906 | 41344.414 | 26.657 | 28.114 | 28.32 | 1.019 |
| 10/1/2018 17:00 | 2228400 | 19.683 | 17.36 | 44.337 | 35303.348 | 41335.402 | 26.651 | 28.108 | 28.326 | 1.019 |
| 10/1/2018 17:15 | 2229300 | 19.681 | 17.36 | 44.333 | 35324.969 | 41360.797 | 26.669 | 28.125 | 28.309 | 1.019 |
| 10/1/2018 17:30 | 2230200 | 19.683 | 17.358 | 44.337 | 35323.172 | 41360.074 | 26.668 | 28.125 | 28.31 | 1.019 |
| 10/1/2018 17:45 | 2231100 | 19.682 | 17.357 | 44.334 | 35308.723 | 41344.121 | 26.657 | 28.114 | 28.322 | 1.019 |
| 10/1/2018 18:00 | 2232000 | 19.682 | 17.36 | 44.336 | 35332.152 | 41369.129 | 26.675 | 28.131 | 28.303 | 1.019 |
| 10/1/2018 18:15 | 2232900 | 19.678 | 17.36 | 44.328 | 35353.836 | 41394.52 | 26.693 | 28.148 | 28.285 | 1.019 |
| 10/1/2018 18:30 | 2233800 | 19.68 | 17.359 | 44.331 | 35332.297 | 41370.188 | 26.675 | 28.132 | 28.303 | 1.019 |
| 10/1/2018 18:45 | 2234700 | 19.682 | 17.357 | 44.335 | 35304.34 | 41338.742 | 26.653 | 28.111 | 28.325 | 1.019 |
| 10/1/2018 19:00 | 2235600 | 19.68 | 17.357 | 44.33 | 35334.395 | 41374.508 | 26.678 | 28.135 | 28.301 | 1.019 |
| 10/1/2018 19:15 | 2236500 | 19.683 | 17.356 | 44.337 | 35311.914 | 41348.586 | 26.66 | 28.117 | 28.319 | 1.019 |
| 10/1/2018 19:30 | 2237400 | 19.677 | 17.355 | 44.324 | 35340.891 | 41383.406 | 26.685 | 28.141 | 28.296 | 1.019 |
| 10/1/2018 19:45 | 2238300 | 19.68 | 17.355 | 44.332 | 35316.871 | 41355.613 | 26.665 | 28.122 | 28.315 | 1.019 |
| 10/1/2018 20:00 | 2239200 | 19.6 | | | | | | | | |

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|-----------------|---------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|
| 10/2/2018 18:30 | 2320200 | 19.671 | 17.355 | 44.31 | 35304.563 | 41340.797 | 26.654 | 28.112 | 28.325 | 1.019 |
| 10/2/2018 18:45 | 2321100 | 19.671 | 17.356 | 44.31 | 35336.496 | 41377.773 | 26.681 | 28.137 | 28.299 | 1.019 |
| 10/2/2018 19:00 | 2322000 | 19.667 | 17.354 | 44.303 | 35324.48 | 41364.996 | 26.671 | 28.128 | 28.309 | 1.019 |
| 10/2/2018 19:15 | 2322900 | 19.67 | 17.357 | 44.309 | 35326.41 | 41365.238 | 26.672 | 28.128 | 28.307 | 1.019 |
| 10/2/2018 19:30 | 2323800 | 19.669 | 17.356 | 44.306 | 35216.711 | 41354.289 | 26.664 | 28.121 | 28.315 | 1.019 |
| 10/2/2018 19:45 | 2324700 | 19.668 | 17.355 | 44.304 | 35337.73 | 41379.707 | 26.682 | 28.138 | 28.298 | 1.019 |
| 10/2/2018 20:00 | 2325600 | 19.67 | 17.354 | 44.309 | 35321.777 | 41362.156 | 26.669 | 28.126 | 28.311 | 1.019 |
| 10/2/2018 20:15 | 2326500 | 19.671 | 17.354 | 44.311 | 35324.91 | 41365.914 | 26.672 | 28.129 | 28.309 | 1.019 |
| 10/2/2018 20:30 | 2327400 | 19.668 | 17.355 | 44.304 | 35313.691 | 41351.805 | 26.662 | 28.119 | 28.318 | 1.019 |
| 10/2/2018 20:45 | 2328300 | 19.669 | 17.355 | 44.306 | 35336.16 | 41378.441 | 26.681 | 28.137 | 28.3 | 1.019 |
| 10/2/2018 21:00 | 2329200 | 19.668 | 17.354 | 44.305 | 35323.145 | 41364.25 | 26.671 | 28.128 | 28.31 | 1.019 |
| 10/2/2018 21:15 | 2330100 | 19.669 | 17.354 | 44.307 | 35313.633 | 41373.789 | 26.678 | 28.134 | 28.303 | 1.019 |
| 10/2/2018 21:30 | 2331000 | 19.671 | 17.354 | 44.31 | 35338.754 | 41382.445 | 26.684 | 28.14 | 28.298 | 1.019 |
| 10/2/2018 21:45 | 2331900 | 19.67 | 17.354 | 44.309 | 35322.445 | 41363.348 | 26.67 | 28.127 | 28.311 | 1.019 |
| 10/2/2018 22:00 | 2332800 | 19.671 | 17.355 | 44.31 | 35321.738 | 41361.074 | 26.669 | 28.126 | 28.311 | 1.019 |
| 10/2/2018 22:15 | 2333700 | 19.67 | 17.354 | 44.308 | 35298.672 | 41334.938 | 26.65 | 28.108 | 28.33 | 1.019 |
| 10/2/2018 22:30 | 2334600 | 19.675 | 17.354 | 44.319 | 35339.254 | 41382.953 | 26.684 | 28.14 | 28.297 | 1.019 |
| 10/2/2018 22:45 | 2335500 | 19.675 | 17.355 | 44.319 | 35332.531 | 41374.352 | 26.678 | 28.135 | 28.303 | 1.019 |
| 10/2/2018 23:00 | 2336400 | 19.674 | 17.355 | 44.317 | 35344.465 | 41388.324 | 26.688 | 28.144 | 28.293 | 1.019 |
| 10/2/2018 23:15 | 2337300 | 19.675 | 17.351 | 44.321 | 35307.457 | 41348.145 | 26.659 | 28.117 | 28.323 | 1.019 |
| 10/2/2018 23:30 | 2338200 | 19.677 | 17.354 | 44.324 | 35345.414 | 41389.672 | 26.689 | 28.145 | 28.292 | 1.019 |
| 10/2/2018 23:45 | 2339100 | 19.675 | 17.355 | 44.321 | 35353.914 | 41399.066 | 26.696 | 28.151 | 28.285 | 1.019 |
| 10/3/2018 0:00 | 2340000 | 19.678 | 17.357 | 44.326 | 35366.441 | 41412.031 | 26.705 | 28.16 | 28.275 | 1.019 |
| 10/3/2018 0:15 | 2340900 | 19.682 | 17.356 | 44.336 | 35377.844 | 41426.516 | 26.715 | 28.17 | 28.266 | 1.019 |
| 10/3/2018 0:30 | 2341800 | 19.682 | 17.356 | 44.335 | 35345.555 | 41388.379 | 26.688 | 28.144 | 28.292 | 1.019 |
| 10/3/2018 0:45 | 2342700 | 19.679 | 17.355 | 44.329 | 35338.523 | 41381.367 | 26.683 | 28.139 | 28.298 | 1.019 |
| 10/3/2018 1:00 | 2343600 | 19.68 | 17.355 | 44.332 | 35340.355 | 41382.711 | 26.684 | 28.14 | 28.296 | 1.019 |
| 10/3/2018 1:15 | 2344500 | 19.684 | 17.357 | 44.341 | 35346.52 | 41388.785 | 26.689 | 28.144 | 28.291 | 1.019 |
| 10/3/2018 1:30 | 2345400 | 19.681 | 17.356 | 44.334 | 35349.25 | 41392.957 | 26.691 | 28.147 | 28.289 | 1.019 |
| 10/3/2018 1:45 | 2346300 | 19.681 | 17.356 | 44.334 | 35344.586 | 41387.328 | 26.687 | 28.143 | 28.293 | 1.019 |
| 10/3/2018 2:00 | 2347200 | 19.685 | 17.359 | 44.343 | 35349.48 | 41390.215 | 26.69 | 28.145 | 28.289 | 1.019 |
| 10/3/2018 2:15 | 2348100 | 19.685 | 17.36 | 44.342 | 35382.727 | 41428.508 | 26.712 | 28.171 | 28.262 | 1.019 |
| 10/3/2018 2:30 | 2349000 | 19.692 | 17.359 | 44.359 | 35360.195 | 41402.598 | 26.698 | 28.154 | 28.28 | 1.019 |
| 10/3/2018 2:45 | 2349900 | 19.686 | 17.359 | 44.346 | 35353.277 | 41394.352 | 26.693 | 28.148 | 28.286 | 1.019 |
| 10/3/2018 3:00 | 2350800 | 19.69 | 17.36 | 44.353 | 35360.762 | 41402.387 | 26.698 | 28.154 | 28.28 | 1.019 |
| 10/3/2018 3:15 | 2351700 | 19.691 | 17.361 | 44.357 | 35369.922 | 41412.535 | 26.706 | 28.161 | 28.273 | 1.019 |
| 10/3/2018 3:30 | 2352600 | 19.689 | 17.361 | 44.352 | 35322.852 | 41356.941 | 26.666 | 28.123 | 28.31 | 1.019 |
| 10/3/2018 3:45 | 2353500 | 19.691 | 17.361 | 44.356 | 35347.453 | 41386.227 | 26.687 | 28.143 | 28.291 | 1.019 |
| 10/3/2018 4:00 | 2354400 | 19.689 | 17.361 | 44.351 | 35363.313 | 41404.641 | 26.7 | 28.155 | 28.278 | 1.019 |
| 10/3/2018 4:15 | 2355300 | 19.693 | 17.361 | 44.361 | 35341.492 | 41378.844 | 26.682 | 28.138 | 28.295 | 1.019 |
| 10/3/2018 4:30 | 2356200 | 19.697 | 17.361 | 44.369 | 35350.09 | 41388.586 | 26.689 | 28.144 | 28.288 | 1.019 |
| 10/3/2018 4:45 | 2357100 | 19.693 | 17.363 | 44.361 | 35331.043 | 41365.242 | 26.672 | 28.128 | 28.304 | 1.019 |
| 10/3/2018 5:00 | 2358000 | 19.694 | 17.362 | 44.363 | 35348.891 | 41387.027 | 26.687 | 28.143 | 28.289 | 1.019 |
| 10/3/2018 5:15 | 2358900 | 19.699 | 17.362 | 44.375 | 35344.148 | 41381.313 | 26.683 | 28.139 | 28.293 | 1.019 |
| 10/3/2018 5:30 | 2359800 | 19.698 | 17.361 | 44.371 | 35323.984 | 41358.344 | 26.667 | 28.124 | 28.309 | 1.019 |
| 10/3/2018 5:45 | 2360700 | 19.698 | 17.361 | 44.372 | 35335.484 | 41371.73 | 26.677 | 28.133 | 28.3 | 1.019 |
| 10/3/2018 6:00 | 2361600 | 19.699 | 17.362 | 44.375 | 35328.563 | 41362.406 | 26.67 | 28.126 | 28.306 | 1.019 |
| 10/3/2018 6:15 | 2362500 | 19.7 | 17.362 | 44.376 | 35336.574 | 41372.195 | 26.677 | 28.133 | 28.299 | 1.019 |
| 10/3/2018 6:30 | 2363400 | 19.702 | 17.361 | 44.38 | 35337.773 | 41374.652 | 26.679 | 28.135 | 28.298 | 1.019 |
| 10/3/2018 6:45 | 2364300 | 19.703 | 17.361 | 44.382 | 35337.219 | 41374.328 | 26.678 | 28.135 | 28.299 | 1.019 |
| 10/3/2018 7:00 | 2365200 | 19.704 | 17.36 | 44.385 | 35362.961 | 41404.707 | 26.7 | 28.155 | 28.278 | 1.019 |
| 10/3/2018 7:15 | 2366100 | 19.701 | 17.36 | 44.379 | 35343.98 | 41382.578 | 26.684 | 28.14 | 28.293 | 1.019 |
| 10/3/2018 7:30 | 2367000 | 19.702 | 17.36 | 44.381 | 35355.449 | 41396.406 | 26.694 | 28.15 | 28.284 | 1.019 |
| 10/3/2018 7:45 | 2367900 | 19.703 | 17.359 | 44.382 | 35342.438 | 41381.969 | 26.684 | 28.14 | 28.295 | 1.019 |
| 10/3/2018 8:00 | 2368800 | 19.702 | 17.359 | 44.38 | 35325.34 | 41361.469 | 26.669 | 28.126 | 28.308 | 1.019 |
| 10/3/2018 8:15 | 2369700 | 19.699 | 17.358 | 44.374 | 35338.039 | 41377.809 | 26.681 | 28.137 | 28.298 | 1.019 |
| 10/3/2018 8:30 | 2370600 | 19.707 | 17.358 | 44.393 | 35329.48 | 41367.371 | 26.673 | 28.13 | 28.305 | 1.019 |
| 10/3/2018 8:45 | 2371500 | 19.705 | 17.359 | 44.387 | 35331.41 | 41369.148 | 26.675 | 28.131 | 28.303 | 1.019 |
| 10/3/2018 9:00 | 2372400 | 19.708 | 17.358 | 44.394 | 35347.734 | 41388.59 | 26.688 | 28.144 | 28.29 | 1.019 |
| 10/3/2018 9:15 | 2373300 | 19.705 | 17.358 | 44.387 | 35330.449 | 41368.762 | 26.674 | 28.131 | 28.304 | 1.019 |
| 10/3/2018 9:30 | 2374200 | 19.708 | 17.356 | 44.394 | 35336.582 | 41378.121 | 26.681 | 28.137 | 28.299 | 1.019 |
| 10/3/2018 9:45 | 2375100 | 19.708 | 17.357 | 44.394 | 35349.691 | 41392.582 | 26.691 | 28.147 | 28.289 | 1.019 |
| 10/3/2018 10:00 | 2376000 | 19.707 | 17.356 | 44.393 | 35349.488 | 41393.313 | 26.692 | 28.147 | 28.289 | 1.019 |
| 10/3/2018 10:15 | 2376900 | 19.71 | 17.355 | 44.4 | 35340.84 | 41383.836 | 26.685 | 28.141 | 28.296 | 1.019 |
| 10/3/2018 10:30 | 2377800 | 19.711 | 17.355 | 44.402 | 35359.891 | 41405.902 | 26.701 | 28.156 | 28.281 | 1.019 |
| 10/3/2018 10:45 | 2378700 | 19.709 | 17.356 | 44.396 | 35370.535 | 41417.633 | 26.709 | 28.164 | 28.272 | 1.019 |
| 10/3/2018 11:00 | 2379600 | 19.712 | 17.357 | 44.403 | 35354.094 | 41397.574 | 26.695 | 28.15 | 28.285 | 1.019 |
| 10/3/2018 11:15 | 2380500 | 19.708 | 17.356 | 44.395 | 35356.426 | 41401.438 | 26.697 | 28.153 | 28.283 | 1.019 |
| 10/3/2018 11:30 | 2381400 | 19.708 | 17.354 | 44.395 | 35341.766 | 41386.055 | 26.686 | 28.143 | 28.295 | 1.019 |
| 10/3/2018 11:45 | 2382300 | 19.71 | 17.354 | 44.399 | 35346.633 | 41391.027 | 26.69 | 28.146 | 28.291 | 1.019 |
| 10/3/2018 12:00 | 2383200 | 19.71 | 17.357 | 44.399 | 35356.785 | 41400.316 | 26.697 | 28.152 | 28.283 | 1.019 |
| 10/3/2018 12:15 | 2384100 | 19.708 | 17.357 | 44.395 | 35353.305 | 41396.488 | 26.694 | 28.15 | 28.286 | 1.019 |
| 10/3/2018 12:30 | 2385000 | 19.711 | 17.357 | 44.401 | 35329.582 | 41368.711 | 26.674 | 28.131 | 28.305 | 1.019 |
| 10/3/2018 12:45 | 2385900 | 19.712 | 17.357 | 44.403 | 35338.898 | 41379.297 | 26.682 | 28.138 | 28.297 | 1.019 |
| 10/3/2018 13:00 | 2386800 | 19.71 | 17.356 | 44.399 | 35360.645 | 41405.965 | 26.701 | 28.156 | 28.28 | 1.019 |
| 10/3/2018 13:15 | 2387700 | 19.71 | 17.357 | 44.399 | 35341.992 | 41383.484 | 26.685 | 28.141 | 28.295 | 1.019 |
| 10/3/2018 13:30 | 2388600 | 19.716 | 17.356 | 44.412 | 35373.887 | 41421.316 | 26.712 | 28.166 | 28.269 | 1.019 |
| 10/3/2018 13:45 | 2389500 | 19.715 | 17.356 | 44.411 | 35332.277 | 41372.516 | 26.677 | 28.133 | 28.303 | 1.019 |
| 10/3/2018 14:00 | 2390400 | 19.714 | 17.357 | 44.409 | 35346.898 | 41389.074 | 26.689 | 28.145 | 28.291 | 1.019 |
| 10/3/2018 14:15 | 2391300 | 19.716 | 17.356 | 44.413 | 35329.035 | 41368.48 | 26.674 | 28.131 | 28.305 | 1.019 |
| 10/3/2018 14:30 | 2392200 | 19.717 | 17.355 | 44.415 | 35358.582 | 41404.055 | 26.699 | 28.155 | 28.282 | 1.019 |
| 10/3/2018 14:45 | 2393100 | 19.716 | 17.355 | 44.413 | 35342.594 | 41385.648 | 26.686 | 28.142 | 28.294 | 1.019 |
| 10/3/2018 15:00 | 2394000 | 19.716 | 17.355 | 44.412 | 35350.672 | 41395.023 | 26.693 | 28.149 | 28.288 | 1.019 |
| 10/3/2018 15:15 | 2394900 | 19.719 | 17.356 | 44.418 | 35341.23 | 41382.836 | 26.684 | 28.14 | 28.296 | 1.019 |
| 10/3/2018 15:30 | 2395800 | 19.718 | 17.357 | 44.416 | 35343.234 | 41384.535 | 26.685 | 28.141 | 28.294 | 1.019 |
| 10/3/2018 15:45 | 2396700 | 19.718 | 17.357 | 44.417 | 35345.18 | 41386.813 | 26.687 | 28.143 | 28.292 | 1.019 |
| 10/3/2018 16:00 | 2397600 | 19.72 | 17.356 | 44.421 | 35339.957 | 41381.426 | 26.683 | 28.139 | 28.297 | 1.019 |
| 10/3/2018 16:15 | 2398500 | 19.718 | 17.357 | 44.417 | 35335.977 | 41376.113 | 26.679 | 28.136 | 28.3 | 1.019 |
| 10/3/2018 16:30 | 2399400 | 19.719 | 17.357 | 4 | | | | | | |

Report Date: 10/8/2018 13:12
 Report User Name: WMassoll
 Report Computer Name: WKST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MPWSP MW-4D LT TEST_2018-10-05_14-35-30-859.wsl
 Create Date: 10/5/2018 14:32

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP MW-4D
 Device Name:
 Serial Number: 483442
 Firmware Version: 2.01
 Hardware Version: 4
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 0
 Used Battery: 7

Log Configuration
 Log Name: MPWSP MW-4D LT TEST
 Created By: WMassoll
 Computer Name: PROBOOK2
 Application: WinSitu.exe
 Application Version: 5.6.27.1
 Create Date: 9/29/2017 11:12:58 AM Pacific Daylight Time
 Log Setup Time Zone: Pacific Daylight Time
 Notes Size(bytes): 4096
 Overwrite when full: Enabled
 Scheduled Start Time: 9/29/2017 11:30:00 AM Pacific Daylight Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Depth
 Specific Gravity: 1.024

Other Log Settings
 Depth of Probe: 0.954035 (ft)
 Head Pressure: 0.423527 (PSI)
 Temperature: 19.4979 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:
 Date and Time Note
 9/29/2017 11:13 Used Battery: 7% Used Memory: 3% User Name: WMassoll
 9/29/2017 11:54 Log Download - Used Battery: 7% Used Memory: 3% User Name: WMassoll
 10/5/2017 18:31 Log Download - Used Battery: 8% Used Memory: 3% User Name: WMassoll Interval - Start Time: 8/31/2017 11:30:00 AM Stop Time: 10/5/2017 6:30:00 PM
 10/12/2017 9:49 Log Download - Used Battery: 8% Used Memory: 3% User Name: AVanHaitisma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 11:45:00 AM
 10/19/2017 8:02 Log Download - Used Battery: 8% Used Memory: 4% User Name: AVanHaitisma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 6:15:00 PM
 10/26/2017 17:45 Log Download - Used Battery: 9% Used Memory: 6% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 6:45:00 PM
 11/2/2017 19:02 Log Download - Used Battery: 9% Used Memory: 6% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 8:00:00 PM
 11/9/2017 17:53 Log Download - Used Battery: 9% Used Memory: 7% User Name: AVanHaitisma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 7:45:00 PM
 11/16/2017 17:24 Log Download - Used Battery: 10% Used Memory: 7% User Name: WMassoll Interval - Start Time: 11/8/2017 10:00:00 PM Stop Time: 11/16/2017 6:15:00 PM
 11/23/2017 14:14 Log Download - Used Battery: 10% Used Memory: 9% User Name: AVanHaitisma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 3:00:00 PM
 12/1/2017 9:48 Log Download - Used Battery: 11% Used Memory: 9% User Name: AVanHaitisma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 12/1/2017 10:45:00 AM
 12/7/2017 18:08 Log Download - Used Battery: 11% Used Memory: 10% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 6:45:00 PM
 12/14/2017 17:08 Log Download - Used Battery: 11% Used Memory: 10% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 6:00:00 PM
 12/21/2017 7:00 Log Download - Used Battery: 12% Used Memory: 12% User Name: AVanHaitisma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 6:00:00 PM
 1/4/2018 17:57 Log Download - Used Battery: 12% Used Memory: 12% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 6:45:00 PM
 1/11/2018 7:35 Log Download - Used Battery: 13% Used Memory: 14% User Name: AVanHaitisma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 9:30:00 AM
 1/18/2018 14:02 Log Download - Used Battery: 13% Used Memory: 15% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 2:45:00 PM
 1/26/2018 17:42 Log Download - Used Battery: 13% Used Memory: 15% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 6:30:00 PM
 2/2/2018 14:49 Log Download - Used Battery: 14% Used Memory: 17% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/2/2018 3:45:00 PM
 2/8/2018 8:03 Log Download - Used Battery: 14% Used Memory: 17% User Name: AVanHaitisma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 9:00:00 AM
 2/15/2018 7:41 Log Download - Used Battery: 14% Used Memory: 18% User Name: AVanHaitisma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 6:30:00 PM
 2/22/2018 16:35 Log Download - Used Battery: 15% Used Memory: 18% User Name: WMassoll Interval - Start Time: 2/14/2018 10:00:00 PM Stop Time: 2/22/2018 5:30:00 PM
 3/1/2018 17:30 Log Download - Used Battery: 15% Used Memory: 20% User Name: WMassoll Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 3/1/2018 7:00:00 PM
 3/8/2018 9:10 Log Download - Used Battery: 16% Used Memory: 20% User Name: AVanHaitisma Interval - Start Time: 2/21/2018 10:00:00 PM Stop Time: 3/8/2018 10:00:00 AM
 3/22/2018 12:16 Log Download - Used Battery: 16% Used Memory: 23% User Name: AVanHaitisma Interval - Start Time: 3/7/2018 10:00:00 PM Stop Time: 3/22/2018 1:15:00 PM
 4/19/2018 15:43 Log Download - Used Battery: 18% Used Memory: 26% User Name: WMassoll Interval - Start Time: 3/20/2018 10:00:00 PM Stop Time: 4/19/2018 5:00:00 PM
 5/17/2018 7:44 Log Download - Used Battery: 19% Used Memory: 29% User Name: AVanHaitisma Interval - Start Time: 4/18/2018 10:00:00 PM Stop Time: 5/17/2018 4:15:00 PM
 6/14/2018 7:38 Log Download - Used Battery: 21% Used Memory: 32% User Name: AVanHaitisma Interval - Start Time: 5/16/2018 10:00:00 PM Stop Time: 6/14/2018 6:15:00 PM
 7/12/2018 16:32 Log Download - Used Battery: 22% Used Memory: 35% User Name: AVanHaitisma Interval - Start Time: 6/13/2018 10:00:00 PM Stop Time: 7/12/2018 5:00:00 PM
 8/9/2018 18:23 Log Download - Used Battery: 23% Used Memory: 39% User Name: WMassoll Interval - Start Time: 7/11/2018 10:00:00 PM Stop Time: 8/9/2018 9:00:00 PM
 9/7/2018 11:06 Log Download - Used Battery: 25% Used Memory: 42% User Name: WMassoll Interval - Start Time: 8/8/2018 10:00:00 PM Stop Time: 9/7/2018 1:00:00 PM
 10/5/2018 14:30 Log Download - Used Battery: 26% Used Memory: 45% User Name: WMassoll Interval - Start Time: 9/5/2018 10:00:00 PM Stop Time: 10/5/2018 4:01:00 PM

Log Data:
 Record Count: 2851

Sensors: 1
 1 483442 PCTD 300 PSIG (211m/692ft)

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(G) 692ft SNH: 483442 |
|----------------|-------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| | | Pressure (PSI) | Temperature (C) | Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids (ppt) | Resistivity (ohm-cm) | Water Density (g/cm3) |
| 9/6/2018 0:00 | 7200 | 118.649 | 20.388 | 267.268 | 38906.98 | 42665.512 | 27.732 | 29.013 | 25.702 | 1.019 |
| 9/6/2018 0:15 | 8100 | 118.632 | 20.388 | 267.23 | 38883.07 | 42639.293 | 27.713 | 28.995 | 25.718 | 1.019 |
| 9/6/2018 0:30 | 9000 | 118.6 | 20.388 | 267.158 | 38908.508 | 42667.262 | 27.733 | 29.014 | 25.701 | 1.019 |
| 9/6/2018 0:45 | 9900 | 118.564 | 20.387 | 267.076 | 38871.07 | 42626.984 | 27.704 | 28.986 | 25.726 | 1.019 |
| 9/6/2018 1:00 | 10800 | 118.542 | 20.388 | 267.028 | 38901.141 | 42659.035 | 27.727 | 29.008 | 25.706 | 1.019 |
| 9/6/2018 1:15 | 11700 | 118.508 | 20.389 | 266.951 | 38934.422 | 42694.273 | 27.752 | 29.032 | 25.684 | 1.019 |
| 9/6/2018 1:30 | 12600 | 118.48 | 20.39 | 266.889 | 38913.418 | 42671.004 | 27.736 | 29.016 | 25.698 | 1.019 |
| 9/6/2018 1:45 | 13500 | 118.461 | 20.388 | 266.845 | 38892.266 | 42649.375 | 27.72 | 29.002 | 25.712 | 1.019 |
| 9/6/2018 2:00 | 14400 | 118.431 | 20.386 | 266.778 | 38900.492 | 42660.035 | 27.728 | 29.009 | 25.707 | 1.019 |
| 9/6/2018 2:15 | 15300 | 118.407 | 20.387 | 266.723 | 38894.852 | 42653.063 | 27.723 | 29.004 | 25.71 | 1.019 |
| 9/6/2018 2:30 | 16200 | 118.394 | 20.387 | 266.695 | 38923.09 | 42683.957 | 27.745 | 29.025 | 25.692 | 1.019 |
| 9/6/2018 2:45 | 17100 | 118.38 | 20.388 | 266.661 | 38897.922 | 42655.734 | 27.724 | 29.006 | 25.708 | 1.019 |
| 9/6/2018 3:00 | 18000 | 118.352 | 20.389 | 266.6 | 38904.227 | 42661.484 | 27.729 | 29.01 | 25.704 | 1.019 |
| 9/6/2018 3:15 | 18900 | 118.348 | 20.39 | 266.591 | 38898.848 | 42654.801 | 27.724 | 29.005 | 25.708 | 1.019 |
| 9/6/2018 3:30 | 19800 | 118.344 | 20.393 | 266.58 | 38892.563 | 42644.934 | 27.717 | 28.999 | 25.712 | 1.019 |
| 9/6/2018 3:45 | 20700 | 118.325 | 20.392 | 266.538 | 38924.402 | 42680.941 | 27.743 | 29.023 | 25.691 | 1.019 |
| 9/6/2018 4:00 | 21600 | 118.33 | 20.398 | 266.549 | 38917.523 | 42668.004 | 27.734 | 29.014 | 25.695 | 1.019 |
| 9/6/2018 4:15 | 22500 | 118.328 | 20.395 | 266.545 | 38893.84 | 42644.309 | 27.716 | 28.998 | 25.711 | 1.019 |
| 9/6/2018 4:30 | 23400 | 118.34 | 20.395 | 266.573 | 38900.41 | 42651.594 | 27.722 | 29.003 | 25.707 | 1.019 |
| 9/6/2018 4:45 | 24300 | 118.323 | 20.393 | 266.534 | 38924.723 | 42680.047 | 27.742 | 29.022 | 25.691 | 1.019 |
| 9/6/2018 5:00 | 25200 | 118.347 | 20.395 | 266.587 | 38886.773 | 42637.258 | 27.711 | 28.993 | 25.716 | 1.019 |
| 9/6/2018 5:15 | 26100 | 118.348 | 20.39 | 266.591 | 38910 | 42666.629 | 27.732 | 29.013 | 25.7 | 1.019 |
| 9/6/2018 5:30 | 27000 | 118.364 | 20.388 | 266.627 | 38937.422 | 42698.895 | 27.756 | 29.035 | 25.682 | 1.019 |
| 9/6/2018 5:45 | 27900 | 118.375 | 20.392 | 266.651 | 38896.996 | 42650.738 | 27.721 | 29.003 | 25.709 | 1.019 |
| 9/6/2018 6:00 | 28800 | 118.39 | 20.394 | 266.684 | 38893.16 | 42644.656 | 27.717 | 28.998 | 25.711 | 1.019 |
| 9/6/2018 6:15 | 29700 | 118.414 | 20.396 | 266.739 | 38906.438 | 42657.887 | 27.726 | 29.007 | 25.703 | 1.019 |
| 9/6/2018 6:30 | 30600 | 118.425 | 20.393 | 266.764 | 38924.586 | 42679.82 | 27.742 | 29.022 | 25.691 | 1.019 |
| 9/6/2018 6:45 | 31500 | 118.447 | 20.393 | 266.814 | 38918.168 | 42672.859 | 27.737 | 29.018 | 25.695 | 1.019 |
| 9/6/2018 7:00 | 32400 | 118.469 | 20.39 | 266.864 | 38896.75 | 42652.652 | 27.722 | 29.004 | 25.709 | 1.019 |
| 9/6/2018 7:15 | 33300 | 118.492 | 20.389 | 266.914 | 38893.395 | 42649.98 | 27.72 | 29.002 | 25.711 | 1.019 |
| 9/6/2018 7:30 | 34200 | 118.518 | 20.39 | 266.974 | 38915.953 | 42673.395 | 27.737 | 29.018 | 25.696 | 1.019 |
| 9/6/2018 7:45 | 35100 | 118.529 | 20.388 | 266.998 | 38906.449 | 42664.609 | 27.731 | 29.012 | 25.703 | 1.019 |
| 9/6/2018 8:00 | 36000 | 118.542 | 20.388 | 267.028 | 38934.707 | 42695.445 | 27.753 | 29.033 | 25.684 | 1.019 |
| 9/6/2018 8:15 | 36900 | 118.571 | 20.389 | 267.092 | 38926.648 | 42686.297 | 27.747 | 29.027 | 25.689 | 1.019 |
| 9/6/2018 8:30 | 37800 | 118.588 | 20.386 | 267.131 | 38899.422 | 42658.469 | 27.726 | 29.008 | 25.707 | 1.019 |
| 9/6/2018 8:45 | 38700 | 118.604 | 20.387 | 267.167 | 38890.133 | 42648.129 | 27.719 | 29.001 | 25.713 | 1.019 |
| 9/6/2018 9:00 | 39600 | 118.619 | 20.382 | 267.201 | 38897.219 | 42659.566 | 27.727 | 29.009 | 25.709 | 1.019 |
| 9/6/2018 9:15 | 40500 | 118.637 | 20.383 | 267.241 | 38879.254 | 42639.781 | 27.713 | 28.995 | 25.721 | 1.019 |
| 9/6/2018 9:30 | 41400 | 118.642 | 20.383 | 267.253 | 38906.871 | 42669.996 | 27.735 | 29.016 | 25.702 | 1.019 |
| 9/6/2018 9:45 | 42300 | 118.654 | 20.381 | 267.281 | 38895.949 | 42659.113 | 27.727 | 29.008 | 25.71 | 1.019 |
| 9/6/2018 10:00 | 43200 | 118.668 | 20.384 | 267.311 | 38881.758 | 42641.445 | 27.714 | 28.996 | 25.719 | 1.019 |
| 9/6/2018 10:15 | 44100 | 118.673 | 20.386 | 267.322 | 38901.277 | 42660.66 | 27.728 | 29.009 | 25.706 | 1.019 |
| 9/6/2018 10:30 | 45000 | 118.676 | 20.385 | 267.33 | 38914.879 | 42676.438 | 27.739 | 29.02 | 25.697 | 1.019 |
| 9/6/2018 10:45 | 45900 | 118.675 | 20.385 | 267.326 | 38910.086 | 42671.57 | 27.736 | 29.017 | 25.7 | 1.019 |
| 9/6/2018 11:00 | 46800 | 118.665 | 20.385 | 267.304 | 38888.184 | 42647.078 | 27.718 | 29 | 25.715 | 1.019 |
| 9/6/2018 11:15 | 47700 | 118.662 | 20.386 | 267.297 | 38883.816 | 42641.672 | 27.714 | 28.996 | 25.718 | 1.019 |
| 9/6/2018 11:30 | 48600 | 118.671 | 20.384 | 267.317 | 38911.355 | 42673.59 | 27.737 | 29.018 | 25.699 | 1.019 |
| 9/6/2018 11:45 | 49500 | 118.658 | 20.383 | 267.288 | 38915.523 | 42679.102 | 27.741 | 29.022 | 25.697 | 1.019 |
| 9/6/2018 12:00 | 50400 | 118.658 | 20.384 | 267.288 | 38908.262 | 42669.875 | 27.735 | 29.016 | 25.701 | 1.019 |
| 9/6/2018 12:15 | 51300 | 118.652 | 20.382 | 267.274 | 38912.383 | 42676.281 | 27.739 | 29.02 | 25.699 | 1.019 |
| 9/6/2018 12:30 | 52200 | 118.65 | 20.383 | 267.27 | 38906.574 | 42668.965 | 27.734 | 29.015 | 25.703 | 1.019 |
| 9/6/2018 12:45 | 53100 | 118.64 | 20.384 | 267.247 | 38893.254 | 42653.813 | 27.723 | 29.005 | 25.711 | 1.019 |
| 9/6/2018 13:00 | 54000 | 118.629 | 20.383 | 267.224 | 38934.637 | 42700.297 | 27.752 | 29.036 | 25.684 | 1.019 |
| 9/6/2018 13:15 | 54900 | 118.621 | 20.382 | 267.206 | 38896.648 | 42659.098 | 27.727 | 29.008 | 25.709 | 1.019 |
| 9/6/2018 13:30 | 55800 | 118.624 | 20.381 | 267.213 | 38938.527 | 42705.887 | 27.76 | 29.04 | 25.682 | 1.019 |
| 9/6/2018 13:45 | 56700 | 118.605 | 20.382 | 267.17 | 38910.105 | 42673.781 | 27.737 | 29.018 | 25.7 | 1.019 |
| 9/6/2018 14:00 | 57600 | 118.597 | 20.384 | 267.151 | 38919.449 | 42682.699 | 27.744 | 29.024 | 25.694 | 1.019 |
| 9/6/2018 14:15 | 58500 | 118.592 | 20.387 | 267.139 | 38898.105 | 42656.484 | 27.725 | 29.006 | 25.708 | 1.019 |
| 9/6/2018 14:30 | 59400 | 118.581 | 20.386 | 267.114 | 38915.531 | 42676.13 | | | | |

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|----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/6/2018 18:15 | 72900 | 118.765 | 20.383 | 267.53 | 38903.066 | 42665.285 | 27.731 | 29.012 | 25.705 | 1.019 |
| 9/6/2018 18:30 | 73800 | 118.774 | 20.387 | 267.55 | 38913.746 | 42673.711 | 27.737 | 29.018 | 25.698 | 1.019 |
| 9/6/2018 18:45 | 74700 | 118.804 | 20.384 | 267.617 | 38925.789 | 42689.344 | 27.749 | 29.029 | 25.697 | 1.019 |
| 9/6/2018 19:00 | 75600 | 118.823 | 20.384 | 267.666 | 38929.715 | 42694.113 | 27.752 | 29.032 | 25.687 | 1.019 |
| 9/6/2018 19:15 | 76500 | 118.846 | 20.383 | 267.712 | 38911.715 | 42674.844 | 27.738 | 29.019 | 25.697 | 1.019 |
| 9/6/2018 19:30 | 77400 | 118.859 | 20.383 | 267.742 | 38932.855 | 42698.566 | 27.755 | 29.035 | 25.685 | 1.019 |
| 9/6/2018 19:45 | 78300 | 118.882 | 20.382 | 267.793 | 38910.105 | 42674.566 | 27.738 | 29.019 | 25.7 | 1.019 |
| 9/6/2018 20:00 | 79200 | 118.897 | 20.384 | 267.826 | 38922.117 | 42685.855 | 27.746 | 29.026 | 25.692 | 1.019 |
| 9/6/2018 20:15 | 80100 | 118.916 | 20.384 | 267.869 | 38896.332 | 42657.504 | 27.726 | 29.007 | 25.709 | 1.019 |
| 9/6/2018 20:30 | 81000 | 118.927 | 20.384 | 267.895 | 38920.09 | 42683.168 | 27.744 | 29.025 | 25.694 | 1.019 |
| 9/6/2018 20:45 | 81900 | 118.929 | 20.384 | 267.9 | 38908.371 | 42670.395 | 27.735 | 29.016 | 25.701 | 1.019 |
| 9/6/2018 21:00 | 82800 | 118.933 | 20.386 | 267.909 | 38913.781 | 42674.531 | 27.738 | 29.019 | 25.698 | 1.019 |
| 9/6/2018 21:15 | 83700 | 118.944 | 20.383 | 267.932 | 38906.805 | 42669.922 | 27.735 | 29.016 | 25.702 | 1.019 |
| 9/6/2018 21:30 | 84600 | 118.94 | 20.382 | 267.925 | 38918.121 | 42683.355 | 27.744 | 29.025 | 25.695 | 1.019 |
| 9/6/2018 21:45 | 85500 | 118.945 | 20.384 | 267.936 | 38904.441 | 42665.777 | 27.732 | 29.013 | 25.704 | 1.019 |
| 9/6/2018 22:00 | 86400 | 118.941 | 20.384 | 267.927 | 38884.688 | 42644.574 | 27.716 | 28.998 | 25.717 | 1.019 |
| 9/6/2018 22:15 | 87300 | 118.933 | 20.383 | 267.909 | 38918.383 | 42682.313 | 27.744 | 29.024 | 25.695 | 1.019 |
| 9/6/2018 22:30 | 88200 | 118.914 | 20.382 | 267.866 | 38933.277 | 42699.816 | 27.756 | 29.036 | 25.685 | 1.019 |
| 9/6/2018 22:45 | 89100 | 118.903 | 20.381 | 267.84 | 38898.324 | 42661.719 | 27.729 | 29.01 | 25.708 | 1.019 |
| 9/6/2018 23:00 | 90000 | 118.885 | 20.381 | 267.8 | 38916.379 | 42681.914 | 27.743 | 29.024 | 25.696 | 1.019 |
| 9/6/2018 23:15 | 90900 | 118.864 | 20.383 | 267.753 | 38925.547 | 42690.25 | 27.749 | 29.029 | 25.69 | 1.019 |
| 9/6/2018 23:30 | 91800 | 118.867 | 20.386 | 267.76 | 38912.496 | 42673.43 | 27.737 | 29.018 | 25.699 | 1.019 |
| 9/6/2018 23:45 | 92700 | 118.816 | 20.383 | 267.646 | 38922.125 | 42686.109 | 27.746 | 29.027 | 25.692 | 1.019 |
| 9/7/2018 0:00 | 93600 | 118.794 | 20.384 | 267.594 | 38910.867 | 42673.207 | 27.737 | 29.018 | 25.7 | 1.019 |
| 9/7/2018 0:15 | 94500 | 118.764 | 20.385 | 267.528 | 38922.73 | 42685.129 | 27.746 | 29.026 | 25.692 | 1.019 |
| 9/7/2018 0:30 | 95400 | 118.73 | 20.382 | 267.452 | 38904.223 | 42667.477 | 27.733 | 29.014 | 25.704 | 1.019 |
| 9/7/2018 0:45 | 96300 | 118.701 | 20.383 | 267.386 | 38911.758 | 42675.203 | 27.738 | 29.019 | 25.699 | 1.019 |
| 9/7/2018 1:00 | 97200 | 118.667 | 20.382 | 267.31 | 38901.34 | 42664.563 | 27.731 | 29.012 | 25.706 | 1.019 |
| 9/7/2018 1:15 | 98100 | 118.638 | 20.382 | 267.243 | 38890.625 | 42652.961 | 27.722 | 29.004 | 25.713 | 1.019 |
| 9/7/2018 1:30 | 99000 | 118.607 | 20.384 | 267.174 | 38900.207 | 42661.516 | 27.729 | 29.01 | 25.707 | 1.019 |
| 9/7/2018 1:45 | 99900 | 118.58 | 20.386 | 267.112 | 38904.949 | 42665.316 | 27.731 | 29.012 | 25.704 | 1.019 |
| 9/7/2018 2:00 | 100800 | 118.549 | 20.387 | 267.042 | 38928.109 | 42688.988 | 27.748 | 29.029 | 25.688 | 1.019 |
| 9/7/2018 2:15 | 101700 | 118.524 | 20.387 | 266.987 | 38929.68 | 42690.711 | 27.75 | 29.03 | 25.687 | 1.019 |
| 9/7/2018 2:30 | 102600 | 118.493 | 20.387 | 266.918 | 38927.109 | 42688.438 | 27.748 | 29.028 | 25.689 | 1.019 |
| 9/7/2018 2:45 | 103500 | 118.471 | 20.386 | 266.867 | 38932.066 | 42694.195 | 27.752 | 29.032 | 25.686 | 1.019 |
| 9/7/2018 3:00 | 104400 | 118.434 | 20.387 | 266.784 | 38903.125 | 42662.137 | 27.729 | 29.01 | 25.705 | 1.019 |
| 9/7/2018 3:15 | 105300 | 118.42 | 20.388 | 266.752 | 38943.168 | 42705.43 | 27.76 | 29.04 | 25.678 | 1.019 |
| 9/7/2018 3:30 | 106200 | 118.406 | 20.39 | 266.721 | 38895.531 | 42651 | 27.721 | 29.003 | 25.71 | 1.019 |
| 9/7/2018 3:45 | 107100 | 118.384 | 20.389 | 266.672 | 38907.09 | 42665 | 27.731 | 29.012 | 25.702 | 1.019 |
| 9/7/2018 4:00 | 108000 | 118.363 | 20.388 | 266.624 | 38894.5 | 42651.43 | 27.721 | 29.003 | 25.711 | 1.019 |
| 9/7/2018 4:15 | 108900 | 118.369 | 20.384 | 266.639 | 38922.797 | 42686.527 | 27.747 | 29.027 | 25.692 | 1.019 |
| 9/7/2018 4:30 | 109800 | 118.351 | 20.385 | 266.597 | 38914.777 | 42676.41 | 27.739 | 29.02 | 25.697 | 1.019 |
| 9/7/2018 4:45 | 110700 | 118.34 | 20.388 | 266.573 | 38892.074 | 42648.926 | 27.72 | 29.001 | 25.712 | 1.019 |
| 9/7/2018 5:00 | 111600 | 118.348 | 20.388 | 266.591 | 38910.219 | 42668.594 | 27.734 | 29.015 | 25.7 | 1.019 |
| 9/7/2018 5:15 | 112500 | 118.345 | 20.387 | 266.584 | 38903.066 | 42661.609 | 27.729 | 29.01 | 25.705 | 1.019 |
| 9/7/2018 5:30 | 113400 | 118.355 | 20.386 | 266.606 | 38937.238 | 42699.941 | 27.756 | 29.036 | 25.682 | 1.019 |
| 9/7/2018 5:45 | 114300 | 118.362 | 20.387 | 266.622 | 38915.07 | 42674.773 | 27.738 | 29.019 | 25.697 | 1.019 |
| 9/7/2018 6:00 | 115200 | 118.37 | 20.389 | 266.641 | 38899.145 | 42655.59 | 27.724 | 29.006 | 25.708 | 1.019 |
| 9/7/2018 6:15 | 116100 | 118.384 | 20.39 | 266.672 | 38902.199 | 42658.395 | 27.726 | 29.008 | 25.705 | 1.019 |
| 9/7/2018 6:30 | 117000 | 118.4 | 20.391 | 266.708 | 38885.465 | 42639.027 | 27.713 | 28.995 | 25.717 | 1.019 |
| 9/7/2018 6:45 | 117900 | 118.42 | 20.387 | 266.752 | 38890.586 | 42647.84 | 27.719 | 29.001 | 25.713 | 1.019 |
| 9/7/2018 7:00 | 118800 | 118.44 | 20.386 | 266.798 | 38905.879 | 42665.793 | 27.732 | 29.013 | 25.703 | 1.019 |
| 9/7/2018 7:15 | 119700 | 118.461 | 20.387 | 266.845 | 38906.871 | 42666.012 | 27.732 | 29.013 | 25.702 | 1.019 |
| 9/7/2018 7:30 | 120600 | 118.483 | 20.385 | 266.895 | 38908.891 | 42669.789 | 27.735 | 29.015 | 25.701 | 1.019 |
| 9/7/2018 7:45 | 121500 | 118.504 | 20.387 | 266.942 | 38920.266 | 42680.621 | 27.742 | 29.023 | 25.694 | 1.019 |
| 9/7/2018 8:00 | 122400 | 118.525 | 20.387 | 266.99 | 38916.414 | 42676.949 | 27.74 | 29.02 | 25.696 | 1.019 |
| 9/7/2018 8:15 | 123300 | 118.554 | 20.387 | 267.055 | 38913.961 | 42673.473 | 27.737 | 29.018 | 25.698 | 1.019 |
| 9/7/2018 8:30 | 124200 | 118.578 | 20.39 | 267.108 | 38918.551 | 42676.168 | 27.739 | 29.02 | 25.695 | 1.019 |
| 9/7/2018 8:45 | 125100 | 118.601 | 20.389 | 267.16 | 38886.703 | 42642.188 | 27.715 | 28.997 | 25.716 | 1.019 |
| 9/7/2018 9:00 | 126000 | 118.623 | 20.391 | 267.21 | 38914.457 | 42671.281 | 27.736 | 29.016 | 25.697 | 1.019 |
| 9/7/2018 9:15 | 126900 | 118.642 | 20.392 | 267.253 | 38917.699 | 42673.832 | 27.738 | 29.018 | 25.695 | 1.019 |
| 9/7/2018 9:30 | 127800 | 118.658 | 20.392 | 267.288 | 38864.789 | 42616.902 | 27.697 | 28.979 | 25.73 | 1.019 |
| 9/7/2018 9:45 | 128700 | 118.671 | 20.391 | 267.319 | 38906.434 | 42662.41 | 27.729 | 29.01 | 25.703 | 1.019 |
| 9/7/2018 10:00 | 129600 | 118.691 | 20.393 | 267.363 | 38905.914 | 42659.348 | 27.727 | 29.008 | 25.703 | 1.019 |
| 9/7/2018 10:15 | 130500 | 118.703 | 20.392 | 267.391 | 38925.934 | 42682.148 | 27.744 | 29.024 | 25.69 | 1.019 |
| 9/7/2018 10:30 | 131400 | 118.716 | 20.392 | 267.418 | 38901.992 | 42656.523 | 27.725 | 29.006 | 25.706 | 1.019 |
| 9/7/2018 10:45 | 132300 | 118.727 | 20.391 | 267.444 | 38907.289 | 42663.273 | 27.73 | 29.011 | 25.702 | 1.019 |
| 9/7/2018 11:00 | 133200 | 118.727 | 20.391 | 267.444 | 38887.453 | 42641.133 | 27.714 | 28.996 | 25.715 | 1.019 |
| 9/7/2018 11:15 | 134100 | 118.734 | 20.392 | 267.46 | 38841.008 | 42588.641 | 27.676 | 28.96 | 25.746 | 1.019 |
| 9/7/2018 11:30 | 135000 | 118.732 | 20.392 | 267.456 | 38808.617 | 42553.668 | 27.651 | 28.936 | 25.767 | 1.019 |
| 9/7/2018 11:45 | 135900 | 118.735 | 20.39 | 267.461 | 38817.371 | 42565.684 | 27.66 | 28.945 | 25.762 | 1.019 |
| 9/7/2018 12:00 | 136800 | 118.729 | 20.389 | 267.449 | 38811.527 | 42559.75 | 27.655 | 28.941 | 25.766 | 1.019 |
| 9/7/2018 12:15 | 137700 | 118.734 | 20.389 | 267.46 | 38801.188 | 42548.25 | 27.647 | 28.933 | 25.772 | 1.019 |
| 9/7/2018 12:30 | 138600 | 118.726 | 20.391 | 267.441 | 38822.898 | 42570.348 | 27.663 | 28.948 | 25.758 | 1.019 |
| 9/7/2018 12:45 | 139500 | 118.716 | 20.391 | 267.418 | 38828.207 | 42576.242 | 27.667 | 28.952 | 25.754 | 1.019 |
| 9/7/2018 13:00 | 140400 | 118.704 | 20.391 | 267.393 | 38833.332 | 42582.02 | 27.671 | 28.956 | 25.751 | 1.019 |
| 9/7/2018 13:15 | 141300 | 118.702 | 20.39 | 267.388 | 38848.285 | 42599.582 | 27.684 | 28.968 | 25.741 | 1.019 |
| 9/7/2018 13:30 | 142200 | 118.699 | 20.392 | 267.381 | 38795.512 | 42539.926 | 27.641 | 28.927 | 25.776 | 1.019 |
| 9/7/2018 13:45 | 143100 | 118.685 | 20.392 | 267.35 | 38847.754 | 42597.133 | 27.682 | 28.966 | 25.742 | 1.019 |
| 9/7/2018 14:00 | 144000 | 118.656 | 20.389 | 267.284 | 38819.164 | 42567.961 | 27.661 | 28.946 | 25.76 | 1.019 |
| 9/7/2018 14:15 | 144900 | 118.66 | 20.391 | 267.294 | 38835.797 | 42584.723 | 27.673 | 28.958 | 25.749 | 1.019 |
| 9/7/2018 14:30 | 145800 | 118.647 | 20.391 | 267.265 | 38791.965 | 42536.891 | 27.639 | 28.925 | 25.779 | 1.019 |
| 9/7/2018 14:45 | 146700 | 118.632 | 20.39 | 267.23 | 38845.012 | 42595.215 | 27.681 | 28.965 | 25.743 | 1.019 |
| 9/7/2018 15:00 | 147600 | 118.626 | 20.39 | 267.218 | 38850.945 | 42602.109 | 27.686 | 28.969 | 25.739 | 1.019 |
| 9/7/2018 15:15 | 148500 | 118.622 | 20.39 | 267.208 | 38808.871 | 42556.211 | 27.653 | 28.938 | 25.767 | 1.019 |
| 9/7/2018 15:30 | 149400 | 118.622 | 20.391 | 267.208 | 38832.016 | 42580.734 | 27.67 | 28.955 | 25.752 | 1.019 |
| 9/7/2018 15:45 | 150300 | 118.609 | 20.39 | 267.179 | 38828.492 | 42577.805 | 27.668 | 28.953 | 25.754 | 1.019 |
| 9/7/2018 16:00 | 151200 | 118.621 | 20.388 | 267.206 | 38806.902 | 42555.691 | 27.652 | 28.938 | 25.769 | 1.019 |
| 9/7/2018 16:15 | 152100 | 118.623 | 20.392 | 267.21 | 38815.609 | 42561.18 | 27.656 | | | |

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| 9/8/2018 14:45 | 233100 | 118.724 | 20.388 | 267.438 | 38810.805 | 42560.203 | 27.655 | 28.941 | 25.766 | 1.019 |
| 9/8/2018 15:00 | 234000 | 118.709 | 20.387 | 267.403 | 38821.5 | 42572.082 | 27.664 | 28.949 | 25.759 | 1.019 |
| 9/8/2018 15:15 | 234900 | 118.697 | 20.387 | 267.378 | 38791.133 | 42539.09 | 27.674 | 28.927 | 25.779 | 1.019 |
| 9/8/2018 15:30 | 235800 | 118.695 | 20.387 | 267.373 | 38831.176 | 42583.004 | 27.672 | 28.956 | 25.753 | 1.019 |
| 9/8/2018 15:45 | 236700 | 118.68 | 20.387 | 267.338 | 38813.32 | 42563.652 | 27.658 | 28.943 | 25.764 | 1.019 |
| 9/8/2018 16:00 | 237600 | 118.669 | 20.386 | 267.314 | 38836.785 | 42589.781 | 27.677 | 28.961 | 25.749 | 1.019 |
| 9/8/2018 16:15 | 238500 | 118.669 | 20.385 | 267.314 | 38839.445 | 42593.711 | 27.68 | 28.964 | 25.747 | 1.019 |
| 9/8/2018 16:30 | 239400 | 118.659 | 20.387 | 267.291 | 38827.973 | 42579.574 | 27.669 | 28.954 | 25.755 | 1.019 |
| 9/8/2018 16:45 | 240300 | 118.66 | 20.384 | 267.294 | 38817.742 | 42570.852 | 27.663 | 28.948 | 25.761 | 1.019 |
| 9/8/2018 17:00 | 241200 | 118.657 | 20.384 | 267.287 | 38837.277 | 42592.582 | 27.679 | 28.963 | 25.748 | 1.019 |
| 9/8/2018 17:15 | 242100 | 118.664 | 20.383 | 267.302 | 38810.496 | 42564.223 | 27.658 | 28.944 | 25.766 | 1.019 |
| 9/8/2018 17:30 | 243000 | 118.664 | 20.386 | 267.302 | 38818 | 42569.496 | 27.662 | 28.947 | 25.761 | 1.019 |
| 9/8/2018 17:45 | 243900 | 118.667 | 20.386 | 267.31 | 38819.379 | 42570.766 | 27.663 | 28.948 | 25.76 | 1.019 |
| 9/8/2018 18:00 | 244800 | 118.677 | 20.385 | 267.333 | 38805.621 | 42556.926 | 27.653 | 28.939 | 25.769 | 1.019 |
| 9/8/2018 18:15 | 245700 | 118.701 | 20.386 | 267.386 | 38803.637 | 42553.82 | 27.651 | 28.937 | 25.771 | 1.019 |
| 9/8/2018 18:30 | 246600 | 118.715 | 20.387 | 267.416 | 38777.969 | 42525.125 | 27.63 | 28.917 | 25.788 | 1.019 |
| 9/8/2018 18:45 | 247500 | 118.729 | 20.383 | 267.448 | 38837.027 | 42592.934 | 27.679 | 28.963 | 25.749 | 1.019 |
| 9/8/2018 19:00 | 248400 | 118.749 | 20.387 | 267.494 | 38833.035 | 42585.273 | 27.674 | 28.958 | 25.751 | 1.019 |
| 9/8/2018 19:15 | 249300 | 118.767 | 20.39 | 267.534 | 38838.43 | 42588.148 | 27.676 | 28.96 | 25.748 | 1.019 |
| 9/8/2018 19:30 | 250200 | 118.792 | 20.394 | 267.591 | 38791.535 | 42533.613 | 27.636 | 28.923 | 25.779 | 1.019 |
| 9/8/2018 19:45 | 251100 | 118.816 | 20.391 | 267.644 | 38847.789 | 42597.871 | 27.683 | 28.967 | 25.741 | 1.019 |
| 9/8/2018 20:00 | 252000 | 118.85 | 20.389 | 267.721 | 38822.414 | 42571.922 | 27.664 | 28.949 | 25.758 | 1.019 |
| 9/8/2018 20:15 | 252900 | 118.863 | 20.388 | 267.751 | 38831.535 | 42582.309 | 27.671 | 28.956 | 25.752 | 1.019 |
| 9/8/2018 20:30 | 253800 | 118.898 | 20.389 | 267.83 | 38802.629 | 42550.074 | 27.648 | 28.934 | 25.771 | 1.019 |
| 9/8/2018 20:45 | 254700 | 118.921 | 20.388 | 267.881 | 38824.613 | 42575.418 | 27.666 | 28.951 | 25.757 | 1.019 |
| 9/8/2018 21:00 | 255600 | 118.94 | 20.389 | 267.925 | 38808.359 | 42556.188 | 27.653 | 28.938 | 25.768 | 1.019 |
| 9/8/2018 21:15 | 256500 | 118.964 | 20.389 | 267.979 | 38840.129 | 42591.113 | 27.678 | 28.962 | 25.747 | 1.019 |
| 9/8/2018 21:30 | 257400 | 118.992 | 20.387 | 268.04 | 38807.309 | 42557.137 | 27.653 | 28.939 | 25.768 | 1.019 |
| 9/8/2018 21:45 | 258300 | 119.011 | 20.385 | 268.083 | 38849.199 | 42604.406 | 27.687 | 28.971 | 25.741 | 1.019 |
| 9/8/2018 22:00 | 259200 | 119.027 | 20.385 | 268.119 | 38825.313 | 42578.832 | 27.669 | 28.954 | 25.756 | 1.019 |
| 9/8/2018 22:15 | 260100 | 119.043 | 20.383 | 268.156 | 38807.102 | 42560.426 | 27.655 | 28.941 | 25.768 | 1.019 |
| 9/8/2018 22:30 | 261000 | 119.063 | 20.383 | 268.201 | 38837.434 | 42593.305 | 27.679 | 28.963 | 25.748 | 1.019 |
| 9/8/2018 22:45 | 261900 | 119.061 | 20.383 | 268.196 | 38845.953 | 42603.109 | 27.686 | 28.97 | 25.743 | 1.019 |
| 9/8/2018 23:00 | 262800 | 119.061 | 20.382 | 268.196 | 38827.727 | 42584.051 | 27.672 | 28.957 | 25.755 | 1.019 |
| 9/8/2018 23:15 | 263700 | 119.065 | 20.382 | 268.206 | 38802.695 | 42556.375 | 27.653 | 28.938 | 25.771 | 1.019 |
| 9/8/2018 23:30 | 264600 | 119.07 | 20.381 | 268.216 | 38818.836 | 42575.008 | 27.666 | 28.951 | 25.761 | 1.019 |
| 9/8/2018 23:45 | 265500 | 119.053 | 20.382 | 268.179 | 38835.055 | 42592.016 | 27.678 | 28.963 | 25.75 | 1.019 |
| 9/9/2018 0:00 | 266400 | 119.054 | 20.383 | 268.181 | 38803.813 | 42556.969 | 27.653 | 28.939 | 25.771 | 1.019 |
| 9/9/2018 0:15 | 267300 | 119.04 | 20.383 | 268.15 | 38815.461 | 42569.742 | 27.662 | 28.947 | 25.763 | 1.019 |
| 9/9/2018 0:30 | 268200 | 119.014 | 20.382 | 268.091 | 38813.453 | 42568.563 | 27.661 | 28.947 | 25.764 | 1.019 |
| 9/9/2018 0:45 | 269100 | 119.005 | 20.383 | 268.07 | 38831.445 | 42586.813 | 27.675 | 28.959 | 25.752 | 1.019 |
| 9/9/2018 1:00 | 270000 | 118.984 | 20.385 | 268.023 | 38810.688 | 42562.406 | 27.657 | 28.942 | 25.766 | 1.019 |
| 9/9/2018 1:15 | 270900 | 118.956 | 20.385 | 267.96 | 38817.379 | 42569.82 | 27.662 | 28.947 | 25.762 | 1.019 |
| 9/9/2018 1:30 | 271800 | 118.935 | 20.386 | 267.912 | 38819.844 | 42571.277 | 27.663 | 28.948 | 25.76 | 1.019 |
| 9/9/2018 1:45 | 272700 | 118.904 | 20.385 | 267.842 | 38815.43 | 42567.375 | 27.661 | 28.946 | 25.763 | 1.019 |
| 9/9/2018 2:00 | 273600 | 118.875 | 20.384 | 267.777 | 38810.695 | 42563.121 | 27.657 | 28.943 | 25.766 | 1.019 |
| 9/9/2018 2:15 | 274500 | 118.84 | 20.383 | 267.698 | 38801.492 | 42553.887 | 27.651 | 28.937 | 25.772 | 1.019 |
| 9/9/2018 2:30 | 275400 | 118.808 | 20.386 | 267.627 | 38842.828 | 42596.723 | 27.682 | 28.966 | 25.745 | 1.019 |
| 9/9/2018 2:45 | 276300 | 118.779 | 20.385 | 267.562 | 38816.078 | 42568.32 | 27.661 | 28.946 | 25.763 | 1.019 |
| 9/9/2018 3:00 | 277200 | 118.746 | 20.387 | 267.487 | 38856.789 | 42610.777 | 27.692 | 28.975 | 25.736 | 1.019 |
| 9/9/2018 3:15 | 278100 | 118.705 | 20.389 | 267.395 | 38816.918 | 42566.043 | 27.66 | 28.945 | 25.762 | 1.019 |
| 9/9/2018 3:30 | 279000 | 118.674 | 20.388 | 267.325 | 38808.184 | 42557.098 | 27.653 | 28.939 | 25.768 | 1.019 |
| 9/9/2018 3:45 | 279900 | 118.649 | 20.393 | 267.268 | 38812.797 | 42557.863 | 27.654 | 28.939 | 25.765 | 1.019 |
| 9/9/2018 4:00 | 280800 | 118.625 | 20.39 | 267.215 | 38850.441 | 42601.797 | 27.686 | 28.969 | 25.74 | 1.019 |
| 9/9/2018 4:15 | 281700 | 118.595 | 20.389 | 267.147 | 38832.93 | 42583.676 | 27.672 | 28.957 | 25.751 | 1.019 |
| 9/9/2018 4:30 | 282600 | 118.572 | 20.385 | 267.095 | 38828.695 | 42582.23 | 27.671 | 28.956 | 25.754 | 1.019 |
| 9/9/2018 4:45 | 283500 | 118.551 | 20.389 | 267.047 | 38836.785 | 42587.906 | 27.676 | 28.96 | 25.749 | 1.019 |
| 9/9/2018 5:00 | 284400 | 118.54 | 20.389 | 267.022 | 38866.965 | 42621 | 27.699 | 28.982 | 25.729 | 1.019 |
| 9/9/2018 5:15 | 285300 | 118.512 | 20.383 | 266.959 | 38813.273 | 42566.965 | 27.66 | 28.946 | 25.764 | 1.019 |
| 9/9/2018 5:30 | 286200 | 118.498 | 20.385 | 266.928 | 38806.695 | 42558.34 | 27.654 | 28.94 | 25.769 | 1.019 |
| 9/9/2018 5:45 | 287100 | 118.49 | 20.387 | 266.91 | 38849.133 | 42602.855 | 27.686 | 28.97 | 25.741 | 1.019 |
| 9/9/2018 6:00 | 288000 | 118.49 | 20.389 | 266.91 | 38825.223 | 42574.926 | 27.666 | 28.951 | 25.756 | 1.019 |
| 9/9/2018 6:15 | 288900 | 118.482 | 20.388 | 266.892 | 38815.742 | 42565.223 | 27.659 | 28.944 | 25.763 | 1.019 |
| 9/9/2018 6:30 | 289800 | 118.482 | 20.386 | 266.893 | 38825.582 | 42578.031 | 27.668 | 28.953 | 25.756 | 1.019 |
| 9/9/2018 6:45 | 290700 | 118.486 | 20.385 | 266.9 | 38846.613 | 42602.191 | 27.686 | 28.969 | 25.742 | 1.019 |
| 9/9/2018 7:00 | 291600 | 118.499 | 20.384 | 266.931 | 38813.621 | 42566.48 | 27.66 | 28.945 | 25.764 | 1.019 |
| 9/9/2018 7:15 | 292500 | 118.514 | 20.384 | 266.964 | 38824.895 | 42579.23 | 27.662 | 28.954 | 25.757 | 1.019 |
| 9/9/2018 7:30 | 293400 | 118.524 | 20.384 | 266.987 | 38803.848 | 42556.074 | 27.659 | 28.938 | 25.771 | 1.019 |
| 9/9/2018 7:45 | 294300 | 118.54 | 20.382 | 267.022 | 38837.473 | 42594.199 | 27.68 | 28.964 | 25.748 | 1.019 |
| 9/9/2018 8:00 | 295200 | 118.554 | 20.384 | 267.055 | 38806.082 | 42558.602 | 27.654 | 28.94 | 25.769 | 1.019 |
| 9/9/2018 8:15 | 296100 | 118.582 | 20.383 | 267.117 | 38850.684 | 42608.066 | 27.69 | 28.973 | 25.74 | 1.019 |
| 9/9/2018 8:30 | 297000 | 118.61 | 20.382 | 267.181 | 38832.305 | 42589.074 | 27.676 | 28.961 | 25.752 | 1.019 |
| 9/9/2018 8:45 | 297900 | 118.637 | 20.382 | 267.241 | 38853.922 | 42612.555 | 27.693 | 28.977 | 25.737 | 1.019 |
| 9/9/2018 9:00 | 298800 | 118.656 | 20.382 | 267.284 | 38865.051 | 42625.152 | 27.702 | 28.985 | 25.73 | 1.019 |
| 9/9/2018 9:15 | 299700 | 118.688 | 20.381 | 267.356 | 38794.344 | 42547.754 | 27.646 | 28.932 | 25.777 | 1.019 |
| 9/9/2018 9:30 | 300600 | 118.71 | 20.382 | 267.406 | 38832.141 | 42588.82 | 27.676 | 28.96 | 25.752 | 1.019 |
| 9/9/2018 9:45 | 301500 | 118.735 | 20.379 | 267.461 | 38837.172 | 42597.223 | 27.682 | 28.966 | 25.749 | 1.019 |
| 9/9/2018 10:00 | 302400 | 118.77 | 20.38 | 267.54 | 38814.688 | 42571.004 | 27.663 | 28.948 | 25.763 | 1.019 |
| 9/9/2018 10:15 | 303300 | 118.792 | 20.382 | 267.591 | 38833.363 | 42590.398 | 27.677 | 28.961 | 25.751 | 1.019 |
| 9/9/2018 10:30 | 304200 | 118.818 | 20.384 | 267.649 | 38813.738 | 42566.461 | 27.66 | 28.945 | 25.764 | 1.019 |
| 9/9/2018 10:45 | 305100 | 118.837 | 20.383 | 267.693 | 38838.914 | 42595.082 | 27.681 | 28.965 | 25.747 | 1.019 |
| 9/9/2018 11:00 | 306000 | 118.858 | 20.382 | 267.739 | 38865.512 | 42625.574 | 27.702 | 28.985 | 25.73 | 1.019 |
| 9/9/2018 11:15 | 306900 | 118.877 | 20.383 | 267.781 | 38836.457 | 42592.465 | 27.679 | 28.963 | 25.749 | 1.019 |
| 9/9/2018 11:30 | 307800 | 118.882 | 20.382 | 267.793 | 38838.598 | 42595.355 | 27.681 | 28.965 | 25.748 | 1.019 |
| 9/9/2018 11:45 | 308700 | 118.902 | 20.382 | 267.838 | 38828.156 | 42584.449 | 27.673 | 28.957 | 25.755 | 1.019 |
| 9/9/2018 12:00 | 309600 | 118.905 | 20.385 | 267.846 | 38823.535 | 42576.809 | 27.667 | 28.952 | 25.758 | 1.019 |
| 9/9/2018 12:15 | 310500 | 118.913 | 20.386 | 267.862 | 38814.121 | 42565.316 | 27.659 | 28.944 | 25.764 | 1.019 |
| 9/9/2018 12:30 | 311400 | 118.915 | 20.386 | 267.867 | 38833.055 | 42586.473 | 27.674 | 28.959 | 25.751 | 1.019 |
| 9/9/2018 12:45 | 312300 | 118.919 | 20.38 | | | | | | | |

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|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/10/2018 11:15 | 393300 | 118.941 | 20.382 | 267.927 | 38840.977 | 42598.203 | 27.683 | 28.967 | 25.746 | 1.019 |
| 9/10/2018 11:30 | 394200 | 118.961 | 20.383 | 267.972 | 38843.887 | 42600.891 | 27.685 | 28.968 | 25.744 | 1.019 |
| 9/10/2018 11:45 | 395100 | 118.983 | 20.382 | 268.02 | 38842.004 | 42599.094 | 27.683 | 28.967 | 25.745 | 1.019 |
| 9/10/2018 12:00 | 396000 | 119.005 | 20.382 | 268.07 | 38828.977 | 42585.422 | 27.673 | 28.958 | 25.754 | 1.019 |
| 9/10/2018 12:15 | 396900 | 119.025 | 20.382 | 268.07 | 38816.758 | 42571.715 | 27.674 | 28.949 | 25.762 | 1.019 |
| 9/10/2018 12:30 | 397800 | 119.015 | 20.382 | 268.093 | 38834.34 | 42591 | 27.678 | 28.962 | 25.75 | 1.019 |
| 9/10/2018 12:45 | 398700 | 119.025 | 20.383 | 268.115 | 38834.41 | 42590.008 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/10/2018 13:00 | 399600 | 119.042 | 20.385 | 268.153 | 38826.375 | 42579.379 | 27.669 | 28.954 | 25.756 | 1.019 |
| 9/10/2018 13:15 | 400500 | 119.035 | 20.385 | 268.138 | 38815.438 | 42567.465 | 27.661 | 28.946 | 25.763 | 1.019 |
| 9/10/2018 13:30 | 401400 | 119.039 | 20.385 | 268.148 | 38803.309 | 42553.926 | 27.651 | 28.937 | 25.771 | 1.019 |
| 9/10/2018 13:45 | 402300 | 119.037 | 20.387 | 268.142 | 38831.477 | 42583.563 | 27.672 | 28.957 | 25.752 | 1.019 |
| 9/10/2018 14:00 | 403200 | 119.028 | 20.387 | 268.122 | 38825.23 | 42576.641 | 27.667 | 28.952 | 25.756 | 1.019 |
| 9/10/2018 14:15 | 404100 | 119.005 | 20.388 | 268.07 | 38815.34 | 42564.625 | 27.659 | 28.944 | 25.763 | 1.019 |
| 9/10/2018 14:30 | 405000 | 119.005 | 20.385 | 268.07 | 38825.418 | 42578.719 | 27.669 | 28.954 | 25.756 | 1.019 |
| 9/10/2018 14:45 | 405900 | 118.998 | 20.384 | 268.054 | 38843.012 | 42598.488 | 27.683 | 28.967 | 25.745 | 1.019 |
| 9/10/2018 15:00 | 406800 | 118.977 | 20.386 | 268.008 | 38799.688 | 42549.488 | 27.648 | 28.934 | 25.773 | 1.019 |
| 9/10/2018 15:15 | 407700 | 118.965 | 20.386 | 267.98 | 38828.461 | 42580.965 | 27.67 | 28.955 | 25.754 | 1.019 |
| 9/10/2018 15:30 | 408600 | 118.948 | 20.387 | 267.942 | 38786.547 | 42534.063 | 27.637 | 28.923 | 25.782 | 1.019 |
| 9/10/2018 15:45 | 409500 | 118.936 | 20.386 | 267.915 | 38835.055 | 42588.039 | 27.676 | 28.96 | 25.75 | 1.019 |
| 9/10/2018 16:00 | 410400 | 118.905 | 20.385 | 267.846 | 38811.129 | 42563.129 | 27.657 | 28.943 | 25.766 | 1.019 |
| 9/10/2018 16:15 | 411300 | 118.888 | 20.389 | 267.808 | 38834.832 | 42585.387 | 27.674 | 28.958 | 25.75 | 1.019 |
| 9/10/2018 16:30 | 412200 | 118.87 | 20.392 | 267.766 | 38813.207 | 42559.016 | 27.655 | 28.94 | 25.764 | 1.019 |
| 9/10/2018 16:45 | 413100 | 118.85 | 20.387 | 267.721 | 38828.266 | 42579.73 | 27.67 | 28.954 | 25.754 | 1.019 |
| 9/10/2018 17:00 | 414000 | 118.835 | 20.389 | 267.688 | 38833.977 | 42584.676 | 27.673 | 28.958 | 25.751 | 1.019 |
| 9/10/2018 17:15 | 414900 | 118.818 | 20.39 | 267.649 | 38808.594 | 42555.594 | 27.652 | 28.938 | 25.767 | 1.019 |
| 9/10/2018 17:30 | 415800 | 118.802 | 20.389 | 267.612 | 38843.191 | 42594.309 | 27.68 | 28.964 | 25.745 | 1.019 |
| 9/10/2018 17:45 | 416700 | 118.786 | 20.391 | 267.577 | 38843.039 | 42593.363 | 27.68 | 28.963 | 25.745 | 1.019 |
| 9/10/2018 18:00 | 417600 | 118.78 | 20.391 | 267.564 | 38838.223 | 42586.906 | 27.675 | 28.959 | 25.748 | 1.019 |
| 9/10/2018 18:15 | 418500 | 118.778 | 20.391 | 267.559 | 38826.801 | 42574.859 | 27.666 | 28.951 | 25.755 | 1.019 |
| 9/10/2018 18:30 | 419400 | 118.769 | 20.393 | 267.538 | 38837.82 | 42584.832 | 27.673 | 28.958 | 25.748 | 1.019 |
| 9/10/2018 18:45 | 420300 | 118.772 | 20.393 | 267.546 | 38820.031 | 42565.254 | 27.659 | 28.944 | 25.76 | 1.019 |
| 9/10/2018 19:00 | 421200 | 118.769 | 20.394 | 267.538 | 38828.789 | 42574.543 | 27.666 | 28.951 | 25.754 | 1.019 |
| 9/10/2018 19:15 | 422100 | 118.773 | 20.391 | 267.549 | 38820.863 | 42568.191 | 27.661 | 28.946 | 25.759 | 1.019 |
| 9/10/2018 19:30 | 423000 | 118.776 | 20.388 | 267.554 | 38827.313 | 42578.148 | 27.668 | 28.953 | 25.755 | 1.019 |
| 9/10/2018 19:45 | 423900 | 118.789 | 20.386 | 267.584 | 38820.484 | 42572.059 | 27.664 | 28.949 | 25.76 | 1.019 |
| 9/10/2018 20:00 | 424800 | 118.814 | 20.385 | 267.64 | 38840.844 | 42595.48 | 27.681 | 28.965 | 25.746 | 1.019 |
| 9/10/2018 20:15 | 425700 | 118.808 | 20.386 | 267.627 | 38822.414 | 42574.41 | 27.666 | 28.951 | 25.758 | 1.019 |
| 9/10/2018 20:30 | 426600 | 118.833 | 20.387 | 267.682 | 38827.25 | 42578.93 | 27.669 | 28.954 | 25.755 | 1.019 |
| 9/10/2018 20:45 | 427500 | 118.851 | 20.384 | 267.723 | 38806.73 | 42558.852 | 27.654 | 28.94 | 25.769 | 1.019 |
| 9/10/2018 21:00 | 428400 | 118.873 | 20.384 | 267.773 | 38829.266 | 42583.875 | 27.672 | 28.957 | 25.754 | 1.019 |
| 9/10/2018 21:15 | 429300 | 118.897 | 20.384 | 267.826 | 38846.621 | 42603.059 | 27.686 | 28.97 | 25.742 | 1.019 |
| 9/10/2018 21:30 | 430200 | 118.924 | 20.383 | 267.889 | 38828.492 | 42584.035 | 27.673 | 28.957 | 25.754 | 1.019 |
| 9/10/2018 21:45 | 431100 | 118.951 | 20.386 | 267.949 | 38833.438 | 42586.184 | 27.674 | 28.959 | 25.751 | 1.019 |
| 9/10/2018 22:00 | 432000 | 118.964 | 20.385 | 267.979 | 38816.418 | 42568.848 | 27.662 | 28.947 | 25.762 | 1.019 |
| 9/10/2018 22:15 | 432900 | 119 | 20.383 | 268.059 | 38820.031 | 42574.293 | 27.665 | 28.951 | 25.76 | 1.019 |
| 9/10/2018 22:30 | 433800 | 119.021 | 20.383 | 268.107 | 38812.195 | 42565.855 | 27.659 | 28.945 | 25.765 | 1.019 |
| 9/10/2018 22:45 | 434700 | 119.047 | 20.382 | 268.165 | 38839.238 | 42596.207 | 27.681 | 28.965 | 25.747 | 1.019 |
| 9/10/2018 23:00 | 435600 | 119.04 | 20.383 | 268.149 | 38820.66 | 42575.063 | 27.666 | 28.951 | 25.759 | 1.019 |
| 9/10/2018 23:15 | 436500 | 119.089 | 20.384 | 268.259 | 38804.781 | 42557.098 | 27.653 | 28.939 | 25.77 | 1.019 |
| 9/10/2018 23:30 | 437400 | 119.11 | 20.386 | 268.307 | 38801.465 | 42551.438 | 27.649 | 28.935 | 25.772 | 1.019 |
| 9/10/2018 23:45 | 438300 | 119.125 | 20.388 | 268.34 | 38815.402 | 42565.164 | 27.659 | 28.944 | 25.763 | 1.019 |
| 9/11/2018 0:00 | 439200 | 119.126 | 20.384 | 268.343 | 38836.594 | 42591.988 | 27.678 | 28.963 | 25.749 | 1.019 |
| 9/11/2018 0:15 | 440100 | 119.158 | 20.382 | 268.415 | 38830.617 | 42586.52 | 27.674 | 28.959 | 25.753 | 1.019 |
| 9/11/2018 0:30 | 441000 | 119.159 | 20.385 | 268.416 | 38811.246 | 42562.785 | 27.657 | 28.943 | 25.766 | 1.019 |
| 9/11/2018 0:45 | 441900 | 119.155 | 20.384 | 268.409 | 38837.969 | 42592.957 | 27.679 | 28.963 | 25.748 | 1.019 |
| 9/11/2018 1:00 | 442800 | 119.16 | 20.383 | 268.419 | 38823.203 | 42577.773 | 27.668 | 28.953 | 25.758 | 1.019 |
| 9/11/2018 1:15 | 443700 | 119.16 | 20.382 | 268.419 | 38809.543 | 42563.566 | 27.658 | 28.943 | 25.767 | 1.019 |
| 9/11/2018 1:30 | 444600 | 119.158 | 20.383 | 268.415 | 38808.789 | 42561.891 | 27.657 | 28.942 | 25.767 | 1.019 |
| 9/11/2018 1:45 | 445500 | 119.157 | 20.383 | 268.412 | 38833.496 | 42589.449 | 27.676 | 28.961 | 25.751 | 1.019 |
| 9/11/2018 2:00 | 446400 | 119.133 | 20.381 | 268.359 | 38805.34 | 42560.52 | 27.655 | 28.941 | 25.77 | 1.019 |
| 9/11/2018 2:15 | 447300 | 119.125 | 20.383 | 268.34 | 38812.887 | 42566.844 | 27.66 | 28.945 | 25.765 | 1.019 |
| 9/11/2018 2:30 | 448200 | 119.107 | 20.384 | 268.299 | 38845.316 | 42601.242 | 27.685 | 28.969 | 25.743 | 1.019 |
| 9/11/2018 2:45 | 449100 | 119.062 | 20.384 | 268.198 | 38829.215 | 42583.66 | 27.672 | 28.957 | 25.754 | 1.019 |
| 9/11/2018 3:00 | 450000 | 119.078 | 20.384 | 268.234 | 38835.438 | 42590.184 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/11/2018 3:15 | 450900 | 119.046 | 20.386 | 268.163 | 38807.586 | 42558.543 | 27.654 | 28.94 | 25.768 | 1.019 |
| 9/11/2018 3:30 | 451800 | 119.027 | 20.384 | 268.119 | 38828.047 | 42582.688 | 27.672 | 28.956 | 25.755 | 1.019 |
| 9/11/2018 3:45 | 452700 | 119.006 | 20.384 | 268.072 | 38835.316 | 42589.879 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/11/2018 4:00 | 453600 | 118.979 | 20.385 | 268.012 | 38842.23 | 42597.074 | 27.682 | 28.966 | 25.745 | 1.019 |
| 9/11/2018 4:15 | 454500 | 118.951 | 20.384 | 267.949 | 38781.117 | 42530.91 | 27.634 | 28.921 | 25.786 | 1.019 |
| 9/11/2018 4:30 | 455400 | 118.925 | 20.385 | 267.89 | 38808.684 | 42560.367 | 27.655 | 28.941 | 25.767 | 1.019 |
| 9/11/2018 4:45 | 456300 | 118.892 | 20.386 | 267.817 | 38792.363 | 42541.535 | 27.642 | 28.928 | 25.778 | 1.019 |
| 9/11/2018 5:00 | 457200 | 118.877 | 20.387 | 267.781 | 38794.305 | 42542.414 | 27.643 | 28.929 | 25.777 | 1.019 |
| 9/11/2018 5:15 | 458100 | 118.849 | 20.388 | 267.719 | 38821.16 | 42571.633 | 27.664 | 28.949 | 25.759 | 1.019 |
| 9/11/2018 5:30 | 459000 | 118.826 | 20.39 | 267.666 | 38832.977 | 42582.645 | 27.672 | 28.956 | 25.751 | 1.019 |
| 9/11/2018 5:45 | 459900 | 118.807 | 20.387 | 267.623 | 38823.965 | 42575.254 | 27.666 | 28.951 | 25.757 | 1.019 |
| 9/11/2018 6:00 | 460800 | 118.783 | 20.387 | 267.571 | 38818.109 | 42568.363 | 27.661 | 28.946 | 25.761 | 1.019 |
| 9/11/2018 6:15 | 461700 | 118.767 | 20.387 | 267.533 | 38820.27 | 42570.961 | 27.663 | 28.948 | 25.76 | 1.019 |
| 9/11/2018 6:30 | 462600 | 118.752 | 20.387 | 267.501 | 38820.176 | 42571.098 | 27.663 | 28.948 | 25.76 | 1.019 |
| 9/11/2018 6:45 | 463500 | 118.749 | 20.385 | 267.493 | 38805.492 | 42556.711 | 27.653 | 28.939 | 25.77 | 1.019 |
| 9/11/2018 7:00 | 464400 | 118.74 | 20.387 | 267.473 | 38826.828 | 42578.707 | 27.669 | 28.954 | 25.755 | 1.019 |
| 9/11/2018 7:15 | 465300 | 118.724 | 20.387 | 267.438 | 38826.629 | 42578.41 | 27.669 | 28.953 | 25.756 | 1.019 |
| 9/11/2018 7:30 | 466200 | 118.73 | 20.388 | 267.452 | 38804.25 | 42552.387 | 27.65 | 28.936 | 25.77 | 1.019 |
| 9/11/2018 7:45 | 467100 | 118.73 | 20.39 | 267.452 | 38779.395 | 42524.039 | 27.629 | 28.916 | 25.787 | 1.019 |
| 9/11/2018 8:00 | 468000 | 118.732 | 20.389 | 267.456 | 38837.184 | 42588.191 | 27.676 | 28.96 | 25.749 | 1.019 |
| 9/11/2018 8:15 | 468900 | 118.738 | 20.387 | 267.468 | 38817.371 | 42567.949 | 27.661 | 28.946 | 25.762 | 1.019 |
| 9/11/2018 8:30 | 469800 | 118.751 | 20.386 | 267.497 | 38836.848 | 42590.164 | 27.677 | 28.961 | 25.749 | 1.019 |
| 9/11/2018 8:45 | 470700 | 118.759 | 20.385 | 267.516 | 38806.637 | 42557.816 | 27.654 | 28.939 | 25.769 | 1.019 |
| 9/11/2018 9:00 | 471600 | 118.78 | 20.385 | 267.564 | 38821.848 | 42574.258 | 27.666 | 2 | | |

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|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/12/2018 7:45 | 553500 | 118.792 | 20.386 | 267.591 | 38806.961 | 42557.77 | 27.654 | 28.939 | 25.769 | 1.019 |
| 9/12/2018 8:00 | 554400 | 118.779 | 20.384 | 267.562 | 38811.094 | 42563.402 | 27.658 | 28.943 | 25.766 | 1.019 |
| 9/12/2018 8:15 | 555300 | 118.789 | 20.386 | 267.584 | 38845.406 | 42599.855 | 27.684 | 28.968 | 25.743 | 1.019 |
| 9/12/2018 8:30 | 556200 | 118.78 | 20.386 | 267.564 | 38796.109 | 42545.871 | 27.645 | 28.931 | 25.776 | 1.019 |
| 9/12/2018 8:45 | 557100 | 118.794 | 20.385 | 267.596 | 38817.848 | 42570.496 | 27.663 | 28.948 | 25.761 | 1.019 |
| 9/12/2018 9:00 | 558000 | 118.802 | 20.382 | 267.614 | 38818.398 | 42573.203 | 27.665 | 28.95 | 25.761 | 1.019 |
| 9/12/2018 9:15 | 558900 | 118.816 | 20.379 | 267.644 | 38820.781 | 42578.926 | 27.669 | 28.954 | 25.759 | 1.019 |
| 9/12/2018 9:30 | 559800 | 118.828 | 20.382 | 267.673 | 38806.504 | 42560.777 | 27.656 | 28.941 | 25.769 | 1.019 |
| 9/12/2018 9:45 | 560700 | 118.844 | 20.382 | 267.708 | 38820.801 | 42576.539 | 27.667 | 28.952 | 25.759 | 1.019 |
| 9/12/2018 10:00 | 561600 | 118.866 | 20.38 | 267.758 | 38832.926 | 42591.09 | 27.678 | 28.962 | 25.751 | 1.019 |
| 9/12/2018 10:15 | 562500 | 118.875 | 20.381 | 267.778 | 38846.594 | 42605.527 | 27.688 | 28.972 | 25.742 | 1.019 |
| 9/12/2018 10:30 | 563400 | 118.895 | 20.383 | 267.822 | 38821.969 | 42576.656 | 27.667 | 28.952 | 25.759 | 1.019 |
| 9/12/2018 10:45 | 564300 | 118.936 | 20.38 | 267.915 | 38853.621 | 42613.551 | 27.694 | 28.977 | 25.738 | 1.019 |
| 9/12/2018 11:00 | 565200 | 118.946 | 20.38 | 267.938 | 38800.074 | 42555.527 | 27.652 | 28.938 | 25.773 | 1.019 |
| 9/12/2018 11:15 | 566100 | 118.962 | 20.379 | 267.974 | 38832.492 | 42591.695 | 27.678 | 28.962 | 25.752 | 1.019 |
| 9/12/2018 11:30 | 567000 | 118.97 | 20.381 | 267.992 | 38830.508 | 42587.887 | 27.675 | 28.96 | 25.753 | 1.019 |
| 9/12/2018 11:45 | 567900 | 119.011 | 20.38 | 268.083 | 38793.051 | 42547.191 | 27.646 | 28.932 | 25.778 | 1.019 |
| 9/12/2018 12:00 | 568800 | 119.05 | 20.382 | 268.172 | 38804.969 | 42558.391 | 27.654 | 28.94 | 25.77 | 1.019 |
| 9/12/2018 12:15 | 569700 | 119.065 | 20.383 | 268.206 | 38808.145 | 42561.719 | 27.656 | 28.942 | 25.768 | 1.019 |
| 9/12/2018 12:30 | 570600 | 119.084 | 20.382 | 268.247 | 38822.488 | 42578.23 | 27.668 | 28.953 | 25.758 | 1.019 |
| 9/12/2018 12:45 | 571500 | 119.096 | 20.381 | 268.275 | 38813.203 | 42569.145 | 27.662 | 28.947 | 25.764 | 1.019 |
| 9/12/2018 13:00 | 572400 | 119.121 | 20.381 | 268.332 | 38835.25 | 42593.324 | 27.679 | 28.963 | 25.75 | 1.019 |
| 9/12/2018 13:15 | 573300 | 119.133 | 20.379 | 268.359 | 38825.082 | 42583.18 | 27.672 | 28.957 | 25.757 | 1.019 |
| 9/12/2018 13:30 | 574200 | 119.152 | 20.379 | 268.401 | 38831.125 | 42589.809 | 27.677 | 28.961 | 25.753 | 1.019 |
| 9/12/2018 13:45 | 575100 | 119.154 | 20.379 | 268.407 | 38811.969 | 42568.879 | 27.661 | 28.947 | 25.765 | 1.019 |
| 9/12/2018 14:00 | 576000 | 119.161 | 20.382 | 268.422 | 38854.105 | 42612.758 | 27.693 | 28.977 | 25.737 | 1.019 |
| 9/12/2018 14:15 | 576900 | 119.163 | 20.384 | 268.426 | 38823.352 | 42577.613 | 27.668 | 28.953 | 25.758 | 1.019 |
| 9/12/2018 14:30 | 577800 | 119.168 | 20.383 | 268.437 | 38829.789 | 42584.996 | 27.673 | 28.958 | 25.753 | 1.019 |
| 9/12/2018 14:45 | 578700 | 119.159 | 20.383 | 268.416 | 38813.219 | 42567.285 | 27.66 | 28.946 | 25.764 | 1.019 |
| 9/12/2018 15:00 | 579600 | 119.163 | 20.383 | 268.426 | 38811.484 | 42564.68 | 27.659 | 28.944 | 25.766 | 1.019 |
| 9/12/2018 15:15 | 580500 | 119.149 | 20.386 | 268.396 | 38810.668 | 42561.676 | 27.656 | 28.942 | 25.766 | 1.019 |
| 9/12/2018 15:30 | 581400 | 119.129 | 20.386 | 268.351 | 38836.828 | 42590.449 | 27.677 | 28.962 | 25.749 | 1.019 |
| 9/12/2018 15:45 | 582300 | 119.121 | 20.385 | 268.332 | 38835.359 | 42589.391 | 27.676 | 28.961 | 25.75 | 1.019 |
| 9/12/2018 16:00 | 583200 | 119.114 | 20.386 | 268.317 | 38827.781 | 42580.527 | 27.67 | 28.955 | 25.755 | 1.019 |
| 9/12/2018 16:15 | 584100 | 119.102 | 20.386 | 268.289 | 38795.738 | 42545.547 | 27.645 | 28.931 | 25.776 | 1.019 |
| 9/12/2018 16:30 | 585000 | 119.073 | 20.387 | 268.224 | 38813.867 | 42564.328 | 27.658 | 28.944 | 25.764 | 1.019 |
| 9/12/2018 16:45 | 585900 | 119.052 | 20.386 | 268.175 | 38833.73 | 42587.215 | 27.675 | 28.959 | 25.751 | 1.019 |
| 9/12/2018 17:00 | 586800 | 119.038 | 20.387 | 268.146 | 38816.504 | 42566.602 | 27.66 | 28.945 | 25.762 | 1.019 |
| 9/12/2018 17:15 | 587700 | 119.012 | 20.388 | 268.086 | 38843.266 | 42595.645 | 27.681 | 28.965 | 25.744 | 1.019 |
| 9/12/2018 17:30 | 588600 | 118.993 | 20.391 | 268.044 | 38809.625 | 42556.105 | 27.653 | 28.938 | 25.767 | 1.019 |
| 9/12/2018 17:45 | 589500 | 118.973 | 20.391 | 267.997 | 38845.215 | 42594.73 | 27.681 | 28.964 | 25.743 | 1.019 |
| 9/12/2018 18:00 | 590400 | 118.941 | 20.391 | 267.927 | 38803.023 | 42549.02 | 27.648 | 28.933 | 25.771 | 1.019 |
| 9/12/2018 18:15 | 591300 | 118.923 | 20.39 | 267.885 | 38834.598 | 42583.945 | 27.673 | 28.957 | 25.75 | 1.019 |
| 9/12/2018 18:30 | 592200 | 118.905 | 20.389 | 267.846 | 38839.352 | 42590.023 | 27.677 | 28.961 | 25.747 | 1.019 |
| 9/12/2018 18:45 | 593100 | 118.878 | 20.391 | 267.785 | 38791.98 | 42536.758 | 27.639 | 28.925 | 25.779 | 1.019 |
| 9/12/2018 19:00 | 594000 | 118.854 | 20.391 | 267.731 | 38836.578 | 42585.102 | 27.674 | 28.958 | 25.749 | 1.019 |
| 9/12/2018 19:15 | 594900 | 118.849 | 20.389 | 267.719 | 38809.34 | 42557.582 | 27.654 | 28.939 | 25.767 | 1.019 |
| 9/12/2018 19:30 | 595800 | 118.828 | 20.392 | 267.673 | 38789.969 | 42533.531 | 27.636 | 28.923 | 25.78 | 1.019 |
| 9/12/2018 19:45 | 596700 | 118.818 | 20.394 | 267.649 | 38828.871 | 42573.934 | 27.666 | 28.95 | 25.754 | 1.019 |
| 9/12/2018 20:00 | 597600 | 118.799 | 20.395 | 267.607 | 38831.375 | 42576.438 | 27.667 | 28.952 | 25.752 | 1.019 |
| 9/12/2018 20:15 | 598500 | 118.778 | 20.392 | 267.559 | 38812.082 | 42557.309 | 27.654 | 28.939 | 25.765 | 1.019 |
| 9/12/2018 20:30 | 599400 | 118.785 | 20.39 | 267.576 | 38825.855 | 42574.91 | 27.666 | 28.951 | 25.756 | 1.019 |
| 9/12/2018 20:45 | 600300 | 118.784 | 20.39 | 267.573 | 38807.438 | 42554.164 | 27.651 | 28.937 | 25.768 | 1.019 |
| 9/12/2018 21:00 | 601200 | 118.784 | 20.392 | 267.573 | 38826.77 | 42574.199 | 27.666 | 28.95 | 25.755 | 1.019 |
| 9/12/2018 21:15 | 602100 | 118.786 | 20.394 | 267.577 | 38827.625 | 42572.648 | 27.665 | 28.949 | 25.755 | 1.019 |
| 9/12/2018 21:30 | 603000 | 118.785 | 20.396 | 267.576 | 38823.777 | 42566.938 | 27.661 | 28.946 | 25.757 | 1.019 |
| 9/12/2018 21:45 | 603900 | 118.796 | 20.391 | 267.598 | 38833.395 | 42581.688 | 27.671 | 28.956 | 25.751 | 1.019 |
| 9/12/2018 22:00 | 604800 | 118.798 | 20.394 | 267.603 | 38829.797 | 42575.254 | 27.667 | 28.951 | 25.753 | 1.019 |
| 9/12/2018 22:15 | 605700 | 118.814 | 20.392 | 267.64 | 38828.246 | 42575.82 | 27.667 | 28.952 | 25.754 | 1.019 |
| 9/12/2018 22:30 | 606600 | 118.828 | 20.391 | 267.671 | 38819.816 | 42567.043 | 27.661 | 28.946 | 25.76 | 1.019 |
| 9/12/2018 22:45 | 607500 | 118.844 | 20.39 | 267.708 | 38828.613 | 42577.785 | 27.668 | 28.953 | 25.754 | 1.019 |
| 9/12/2018 23:00 | 608400 | 118.857 | 20.391 | 267.737 | 38816.27 | 42562.758 | 27.657 | 28.943 | 25.762 | 1.019 |
| 9/12/2018 23:15 | 609300 | 118.873 | 20.388 | 267.773 | 38828.871 | 42579.934 | 27.67 | 28.954 | 25.754 | 1.019 |
| 9/12/2018 23:30 | 610200 | 118.89 | 20.388 | 267.81 | 38860.375 | 42614.48 | 27.695 | 28.978 | 25.733 | 1.019 |
| 9/12/2018 23:45 | 611100 | 118.912 | 20.391 | 267.861 | 38849.227 | 42599.449 | 27.684 | 28.968 | 25.741 | 1.019 |
| 9/13/2018 0:00 | 612000 | 118.928 | 20.39 | 267.896 | 38819.938 | 42568.496 | 27.662 | 28.947 | 25.76 | 1.019 |
| 9/13/2018 0:15 | 612900 | 118.936 | 20.392 | 267.915 | 38819.738 | 42566.176 | 27.66 | 28.945 | 25.76 | 1.019 |
| 9/13/2018 0:30 | 613800 | 118.959 | 20.387 | 267.967 | 38832.586 | 42584.238 | 27.673 | 28.957 | 25.752 | 1.019 |
| 9/13/2018 0:45 | 614700 | 118.973 | 20.386 | 267.997 | 38856.613 | 42611.449 | 27.692 | 28.976 | 25.736 | 1.019 |
| 9/13/2018 1:00 | 615600 | 118.99 | 20.387 | 268.036 | 38793.434 | 42541.844 | 27.642 | 28.928 | 25.778 | 1.019 |
| 9/13/2018 1:15 | 616500 | 119.004 | 20.385 | 268.067 | 38822.648 | 42575.91 | 27.667 | 28.952 | 25.758 | 1.019 |
| 9/13/2018 1:30 | 617400 | 119.015 | 20.385 | 268.093 | 38819.957 | 42572.883 | 27.665 | 28.95 | 25.76 | 1.019 |
| 9/13/2018 1:45 | 618300 | 119.025 | 20.382 | 268.115 | 38830.73 | 42586.645 | 27.674 | 28.959 | 25.753 | 1.019 |
| 9/13/2018 2:00 | 619200 | 119.032 | 20.383 | 268.132 | 38822.961 | 42577.969 | 27.668 | 28.953 | 25.758 | 1.019 |
| 9/13/2018 2:15 | 620100 | 119.036 | 20.384 | 268.14 | 38839.766 | 42594.848 | 27.68 | 28.964 | 25.747 | 1.019 |
| 9/13/2018 2:30 | 621000 | 119.052 | 20.385 | 268.177 | 38823.422 | 42576.609 | 27.667 | 28.952 | 25.758 | 1.019 |
| 9/13/2018 2:45 | 621900 | 119.047 | 20.384 | 268.165 | 38802.953 | 42555.242 | 27.652 | 28.938 | 25.771 | 1.019 |
| 9/13/2018 3:00 | 622800 | 119.047 | 20.384 | 268.165 | 38816.891 | 42570.379 | 27.663 | 28.948 | 25.762 | 1.019 |
| 9/13/2018 3:15 | 623700 | 119.045 | 20.385 | 268.161 | 38832.457 | 42586.438 | 27.674 | 28.959 | 25.752 | 1.019 |
| 9/13/2018 3:30 | 624600 | 119.031 | 20.385 | 268.129 | 38815.016 | 42567.004 | 27.66 | 28.946 | 25.763 | 1.019 |
| 9/13/2018 3:45 | 625500 | 119.03 | 20.384 | 268.127 | 38823.699 | 42577.309 | 27.668 | 28.953 | 25.757 | 1.019 |
| 9/13/2018 4:00 | 626400 | 119.01 | 20.387 | 268.082 | 38847.43 | 42600.828 | 27.685 | 28.969 | 25.742 | 1.019 |
| 9/13/2018 4:15 | 627300 | 119.002 | 20.385 | 268.064 | 38801.352 | 42551.781 | 27.649 | 28.935 | 25.772 | 1.019 |
| 9/13/2018 4:30 | 628200 | 118.991 | 20.385 | 268.038 | 38829.055 | 42582.16 | 27.671 | 28.956 | 25.754 | 1.019 |
| 9/13/2018 4:45 | 629100 | 118.974 | 20.384 | 268.001 | 38832.09 | 42586.512 | 27.674 | 28.959 | 25.752 | 1.019 |
| 9/13/2018 5:00 | 630000 | 118.964 | 20.386 | 267.979 | 38808.258 | 42558.422 | 27.654 | 28.94 | 25.768 | 1.019 |
| 9/13/2018 5:15 | 630900 | 118.946 | 20.384 | 267.938 | 38859.633 | 42616.715 | 27.696 | 28.979 | 25.734 | 1.019 |
| 9/13/2018 5:30 | 631800 | 118.93 | 20.385 | 267.901 | 38824.223 | 4257 | | | | |

| | | | | | | | | | | |
|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/14/2018 4:15 | 713700 | 118.981 | 20.389 | 268.017 | 38821.961 | 42570.871 | 27.663 | 28.948 | 25.759 | 1.019 |
| 9/14/2018 4:30 | 714600 | 118.983 | 20.389 | 268.02 | 38825.672 | 42575.172 | 27.666 | 28.951 | 25.756 | 1.019 |
| 9/14/2018 4:45 | 715500 | 118.977 | 20.391 | 268.008 | 38838.926 | 42587.836 | 27.676 | 28.96 | 25.747 | 1.019 |
| 9/14/2018 5:00 | 716400 | 118.965 | 20.389 | 267.98 | 38784.684 | 42530.77 | 27.634 | 28.921 | 25.783 | 1.019 |
| 9/14/2018 5:15 | 717300 | 118.967 | 20.389 | 267.984 | 38828.914 | 42578.496 | 27.669 | 28.933 | 25.754 | 1.019 |
| 9/14/2018 5:30 | 718200 | 118.958 | 20.389 | 267.965 | 38824.66 | 42574.152 | 27.666 | 28.95 | 25.757 | 1.019 |
| 9/14/2018 5:45 | 719100 | 118.954 | 20.389 | 267.956 | 38837.813 | 42588.254 | 27.676 | 28.96 | 25.748 | 1.019 |
| 9/14/2018 6:00 | 720000 | 118.94 | 20.39 | 267.925 | 38845.438 | 42596.451 | 27.682 | 28.966 | 25.743 | 1.019 |
| 9/14/2018 6:15 | 720900 | 118.929 | 20.389 | 267.9 | 38846.367 | 42597.637 | 27.683 | 28.966 | 25.742 | 1.019 |
| 9/14/2018 6:30 | 721800 | 118.918 | 20.388 | 267.874 | 38832.984 | 42583.898 | 27.673 | 28.957 | 25.751 | 1.019 |
| 9/14/2018 6:45 | 722700 | 118.907 | 20.388 | 267.85 | 38833.82 | 42584.816 | 27.673 | 28.958 | 25.751 | 1.019 |
| 9/14/2018 7:00 | 723600 | 118.89 | 20.388 | 267.812 | 38839.504 | 42591.672 | 27.678 | 28.962 | 25.747 | 1.019 |
| 9/14/2018 7:15 | 724500 | 118.885 | 20.387 | 267.8 | 38828.914 | 42580.441 | 27.67 | 28.955 | 25.754 | 1.019 |
| 9/14/2018 7:30 | 725400 | 118.885 | 20.386 | 267.8 | 38842.93 | 42596.676 | 27.682 | 28.966 | 25.745 | 1.019 |
| 9/14/2018 7:45 | 726300 | 118.873 | 20.387 | 267.773 | 38814.27 | 42564.152 | 27.658 | 28.944 | 25.764 | 1.019 |
| 9/14/2018 8:00 | 727200 | 118.865 | 20.389 | 267.755 | 38806.66 | 42554.094 | 27.651 | 28.937 | 25.769 | 1.019 |
| 9/14/2018 8:15 | 728100 | 118.854 | 20.387 | 267.731 | 38814.535 | 42564.754 | 27.659 | 28.944 | 25.764 | 1.019 |
| 9/14/2018 8:30 | 729000 | 118.848 | 20.388 | 267.716 | 38835.117 | 42586.238 | 27.674 | 28.959 | 25.75 | 1.019 |
| 9/14/2018 8:45 | 729900 | 118.844 | 20.388 | 267.708 | 38849.578 | 42602.41 | 27.686 | 28.97 | 25.74 | 1.019 |
| 9/14/2018 9:00 | 730800 | 118.842 | 20.39 | 267.703 | 38826.422 | 42575.383 | 27.667 | 28.951 | 25.756 | 1.019 |
| 9/14/2018 9:15 | 731700 | 118.846 | 20.388 | 267.712 | 38834.363 | 42585.805 | 27.674 | 28.958 | 25.75 | 1.019 |
| 9/14/2018 9:30 | 732600 | 118.846 | 20.389 | 267.712 | 38840.699 | 42591.738 | 27.678 | 28.962 | 25.746 | 1.019 |
| 9/14/2018 9:45 | 733500 | 118.839 | 20.389 | 267.696 | 38837.867 | 42588.395 | 27.676 | 28.96 | 25.748 | 1.019 |
| 9/14/2018 10:00 | 734400 | 118.854 | 20.389 | 267.731 | 38860.398 | 42613.02 | 27.694 | 28.977 | 25.733 | 1.019 |
| 9/14/2018 10:15 | 735300 | 118.856 | 20.388 | 267.734 | 38857.559 | 42611.078 | 27.692 | 28.976 | 25.735 | 1.019 |
| 9/14/2018 10:30 | 736200 | 118.861 | 20.389 | 267.746 | 38786.945 | 42532.707 | 27.636 | 28.922 | 25.782 | 1.019 |
| 9/14/2018 10:45 | 737100 | 118.882 | 20.39 | 267.794 | 38826.68 | 42575.266 | 27.666 | 28.951 | 25.755 | 1.019 |
| 9/14/2018 11:00 | 738000 | 118.89 | 20.39 | 267.81 | 38809.191 | 42556.563 | 27.653 | 28.938 | 25.767 | 1.019 |
| 9/14/2018 11:15 | 738900 | 118.897 | 20.388 | 267.827 | 38822.547 | 42572.766 | 27.665 | 28.949 | 25.758 | 1.019 |
| 9/14/2018 11:30 | 739800 | 118.908 | 20.385 | 267.853 | 38823.73 | 42576.477 | 27.667 | 28.952 | 25.757 | 1.019 |
| 9/14/2018 11:45 | 740700 | 118.942 | 20.387 | 267.929 | 38841.109 | 42594.203 | 27.68 | 28.964 | 25.746 | 1.019 |
| 9/14/2018 12:00 | 741600 | 118.945 | 20.384 | 267.936 | 38849.75 | 42606.34 | 27.689 | 28.972 | 25.74 | 1.019 |
| 9/14/2018 12:15 | 742500 | 118.961 | 20.385 | 267.972 | 38839.953 | 42594.426 | 27.68 | 28.964 | 25.747 | 1.019 |
| 9/14/2018 12:30 | 743400 | 118.988 | 20.385 | 268.032 | 38824.367 | 42577.336 | 27.668 | 28.953 | 25.757 | 1.019 |
| 9/14/2018 12:45 | 744300 | 119.002 | 20.384 | 268.074 | 38808.805 | 42561.438 | 27.656 | 28.942 | 25.767 | 1.019 |
| 9/14/2018 13:00 | 745200 | 119.032 | 20.381 | 268.132 | 38819.07 | 42575.496 | 27.666 | 28.951 | 25.761 | 1.019 |
| 9/14/2018 13:15 | 746100 | 119.052 | 20.382 | 268.177 | 38836.949 | 42593.465 | 27.679 | 28.964 | 25.749 | 1.019 |
| 9/14/2018 13:30 | 747000 | 119.064 | 20.384 | 268.204 | 38832.363 | 42587.422 | 27.675 | 28.959 | 25.752 | 1.019 |
| 9/14/2018 13:45 | 747900 | 119.078 | 20.385 | 268.234 | 38810.324 | 42562.32 | 27.657 | 28.942 | 25.766 | 1.019 |
| 9/14/2018 14:00 | 748800 | 119.096 | 20.384 | 268.275 | 38844.969 | 42601.246 | 27.685 | 28.969 | 25.743 | 1.019 |
| 9/14/2018 14:15 | 749700 | 119.114 | 20.383 | 268.317 | 38841.023 | 42597.473 | 27.682 | 28.966 | 25.746 | 1.019 |
| 9/14/2018 14:30 | 750600 | 119.121 | 20.384 | 268.332 | 38806.637 | 42559.285 | 27.655 | 28.94 | 25.769 | 1.019 |
| 9/14/2018 14:45 | 751500 | 119.131 | 20.38 | 268.355 | 38845.738 | 42605.367 | 27.688 | 28.972 | 25.743 | 1.019 |
| 9/14/2018 15:00 | 752400 | 119.147 | 20.381 | 268.391 | 38840.422 | 42598.832 | 27.683 | 28.967 | 25.746 | 1.019 |
| 9/14/2018 15:15 | 753300 | 119.147 | 20.377 | 268.391 | 38827.887 | 42588.754 | 27.676 | 28.96 | 25.755 | 1.019 |
| 9/14/2018 15:30 | 754200 | 119.153 | 20.378 | 268.403 | 38811.051 | 42568.656 | 27.661 | 28.947 | 25.766 | 1.019 |
| 9/14/2018 15:45 | 755100 | 119.161 | 20.381 | 268.422 | 38807.707 | 42563.035 | 27.657 | 28.943 | 25.768 | 1.019 |
| 9/14/2018 16:00 | 756000 | 119.161 | 20.379 | 268.422 | 38813.852 | 42571.25 | 27.663 | 28.948 | 25.764 | 1.019 |
| 9/14/2018 16:15 | 756900 | 119.157 | 20.381 | 268.412 | 38818.582 | 42574.262 | 27.665 | 28.95 | 25.761 | 1.019 |
| 9/14/2018 16:30 | 757800 | 119.126 | 20.382 | 268.343 | 38815.012 | 42570.273 | 27.663 | 28.948 | 25.763 | 1.019 |
| 9/14/2018 16:45 | 758700 | 119.149 | 20.382 | 268.394 | 38811.34 | 42566.246 | 27.66 | 28.945 | 25.766 | 1.019 |
| 9/14/2018 17:00 | 759600 | 119.131 | 20.382 | 268.355 | 38840.406 | 42597.488 | 27.682 | 28.966 | 25.746 | 1.019 |
| 9/14/2018 17:15 | 760500 | 119.128 | 20.383 | 268.346 | 38822.734 | 42577.719 | 27.668 | 28.953 | 25.758 | 1.019 |
| 9/14/2018 17:30 | 761400 | 119.115 | 20.383 | 268.318 | 38867.691 | 42626.719 | 27.703 | 28.986 | 25.728 | 1.019 |
| 9/14/2018 17:45 | 762300 | 119.11 | 20.384 | 268.307 | 38828.938 | 42582.883 | 27.672 | 28.956 | 25.754 | 1.019 |
| 9/14/2018 18:00 | 763200 | 119.088 | 20.385 | 268.256 | 38816.25 | 42568.895 | 27.662 | 28.947 | 25.762 | 1.019 |
| 9/14/2018 18:15 | 764100 | 119.073 | 20.385 | 268.224 | 38846.629 | 42601.898 | 27.685 | 28.969 | 25.742 | 1.019 |
| 9/14/2018 18:30 | 765000 | 119.064 | 20.387 | 268.203 | 38819.973 | 42570.719 | 27.663 | 28.948 | 25.76 | 1.019 |
| 9/14/2018 18:45 | 765900 | 119.033 | 20.386 | 268.134 | 38840.121 | 42593.977 | 27.68 | 28.964 | 25.747 | 1.019 |
| 9/14/2018 19:00 | 766800 | 119.015 | 20.388 | 268.093 | 38818.086 | 42568.262 | 27.661 | 28.946 | 25.761 | 1.019 |
| 9/14/2018 19:15 | 767700 | 118.996 | 20.386 | 268.051 | 38817.75 | 42568.906 | 27.662 | 28.947 | 25.761 | 1.019 |
| 9/14/2018 19:30 | 768600 | 118.973 | 20.385 | 267.997 | 38840.617 | 42594.84 | 27.68 | 28.964 | 25.746 | 1.019 |
| 9/14/2018 19:45 | 769500 | 118.954 | 20.386 | 267.956 | 38849.152 | 42603.418 | 27.687 | 28.97 | 25.741 | 1.019 |
| 9/14/2018 20:00 | 770400 | 118.933 | 20.387 | 267.909 | 38826.813 | 42578.063 | 27.668 | 28.953 | 25.755 | 1.019 |
| 9/14/2018 20:15 | 771300 | 118.915 | 20.388 | 267.867 | 38784.613 | 42531.324 | 27.635 | 28.921 | 25.783 | 1.019 |
| 9/14/2018 20:30 | 772200 | 118.911 | 20.388 | 267.858 | 38829.215 | 42579.996 | 27.67 | 28.954 | 25.754 | 1.019 |
| 9/14/2018 20:45 | 773100 | 118.885 | 20.388 | 267.8 | 38831.625 | 42582.879 | 27.672 | 28.956 | 25.752 | 1.019 |
| 9/14/2018 21:00 | 774000 | 118.875 | 20.389 | 267.777 | 38832.219 | 42582.352 | 27.672 | 28.956 | 25.752 | 1.019 |
| 9/14/2018 21:15 | 774900 | 118.854 | 20.385 | 267.731 | 38835.43 | 42589.391 | 27.676 | 28.961 | 25.75 | 1.019 |
| 9/14/2018 21:30 | 775800 | 118.843 | 20.386 | 267.705 | 38829.121 | 42581.453 | 27.671 | 28.955 | 25.754 | 1.019 |
| 9/14/2018 21:45 | 776700 | 118.834 | 20.384 | 267.685 | 38824.441 | 42578.273 | 27.668 | 28.953 | 25.757 | 1.019 |
| 9/14/2018 22:00 | 777600 | 118.822 | 20.38 | 267.658 | 38809.672 | 42565.422 | 27.659 | 28.944 | 25.767 | 1.019 |
| 9/14/2018 22:15 | 778500 | 118.808 | 20.383 | 267.627 | 38806.875 | 42560.25 | 27.655 | 28.941 | 25.769 | 1.019 |
| 9/14/2018 22:30 | 779400 | 118.802 | 20.388 | 267.614 | 38796.527 | 42544.621 | 27.644 | 28.93 | 25.776 | 1.019 |
| 9/14/2018 22:45 | 780300 | 118.789 | 20.387 | 267.584 | 38850.027 | 42603.594 | 27.687 | 28.97 | 25.74 | 1.019 |
| 9/14/2018 23:00 | 781200 | 118.821 | 20.387 | 267.655 | 38817.973 | 42568.609 | 27.662 | 28.947 | 25.761 | 1.019 |
| 9/14/2018 23:15 | 782100 | 118.792 | 20.389 | 267.591 | 38842.711 | 42594.027 | 27.68 | 28.964 | 25.745 | 1.019 |
| 9/14/2018 23:30 | 783000 | 118.796 | 20.392 | 267.6 | 38811.406 | 42557.277 | 27.654 | 28.939 | 25.766 | 1.019 |
| 9/14/2018 23:45 | 783900 | 118.794 | 20.389 | 267.596 | 38790.664 | 42537.102 | 27.639 | 28.925 | 25.779 | 1.019 |
| 9/15/2018 0:00 | 784800 | 118.802 | 20.389 | 267.614 | 38810.242 | 42558.023 | 27.659 | 28.939 | 25.766 | 1.019 |
| 9/15/2018 0:15 | 785700 | 118.807 | 20.387 | 267.623 | 38831.957 | 42583.703 | 27.672 | 28.957 | 25.752 | 1.019 |
| 9/15/2018 0:30 | 786600 | 118.818 | 20.385 | 267.648 | 38818.16 | 42570.988 | 27.663 | 28.948 | 25.761 | 1.019 |
| 9/15/2018 0:45 | 787500 | 118.83 | 20.386 | 267.676 | 38819.254 | 42570.555 | 27.663 | 28.948 | 25.76 | 1.019 |
| 9/15/2018 1:00 | 788400 | 118.839 | 20.385 | 267.696 | 38804.75 | 42556.207 | 27.652 | 28.938 | 25.77 | 1.019 |
| 9/15/2018 1:15 | 789300 | 118.847 | 20.387 | 267.714 | 38827.813 | 42579.547 | 27.669 | 28.954 | 25.755 | 1.019 |
| 9/15/2018 1:30 | 790200 | 118.866 | 20.386 | 267.758 | 38807.707 | 42558.281 | 27.654 | 28.94 | 25.768 | 1.019 |
| 9/15/2018 1:45 | 791100 | 118.866 | 20.389 | 267.758 | 38791.594 | 42538.121 | 27.64 | 28.926 | 25.779 | 1.019 |
| 9/15/2018 2:00 | 792000 | 118.885 | 20.389 | 267.801 | 38814.992 | 42563.93 | 27.65 | | | |

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|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/16/2018 0:45 | 873900 | 118.752 | 20.386 | 267.5 | 38815.984 | 42567.508 | 27.661 | 28.946 | 25.763 | 1.019 |
| 9/16/2018 1:00 | 874800 | 118.746 | 20.386 | 267.487 | 38816.148 | 42567.727 | 27.661 | 28.946 | 25.762 | 1.019 |
| 9/16/2018 1:15 | 875700 | 118.755 | 20.386 | 267.507 | 38813.755 | 42565.027 | 27.659 | 28.944 | 25.764 | 1.019 |
| 9/16/2018 1:30 | 876600 | 118.767 | 20.382 | 267.533 | 38831.641 | 42588.195 | 27.675 | 28.96 | 25.752 | 1.019 |
| 9/16/2018 1:45 | 877500 | 118.77 | 20.383 | 267.54 | 38816.176 | 42570.527 | 27.663 | 28.948 | 25.762 | 1.019 |
| 9/16/2018 2:00 | 878400 | 118.765 | 20.383 | 267.53 | 38801.668 | 42554.234 | 27.651 | 28.937 | 25.772 | 1.019 |
| 9/16/2018 2:15 | 879300 | 118.782 | 20.384 | 267.569 | 38834.293 | 42589.152 | 27.676 | 28.961 | 25.75 | 1.019 |
| 9/16/2018 2:30 | 880200 | 118.798 | 20.384 | 267.603 | 38849.977 | 42606.59 | 27.689 | 28.972 | 25.74 | 1.019 |
| 9/16/2018 2:45 | 881100 | 118.809 | 20.383 | 267.629 | 38810.711 | 42564.07 | 27.658 | 28.944 | 25.766 | 1.019 |
| 9/16/2018 3:00 | 882000 | 118.816 | 20.383 | 267.644 | 38807.844 | 42561.313 | 27.656 | 28.942 | 25.768 | 1.019 |
| 9/16/2018 3:15 | 882900 | 118.82 | 20.382 | 267.655 | 38819.539 | 42574.457 | 27.666 | 28.951 | 25.76 | 1.019 |
| 9/16/2018 3:30 | 883800 | 118.845 | 20.383 | 267.71 | 38807.148 | 42560.32 | 27.655 | 28.941 | 25.768 | 1.019 |
| 9/16/2018 3:45 | 884700 | 118.846 | 20.383 | 267.712 | 38787.988 | 42539.387 | 27.64 | 28.927 | 25.781 | 1.019 |
| 9/16/2018 4:00 | 885600 | 118.856 | 20.382 | 267.734 | 38799.117 | 42552.059 | 27.649 | 28.935 | 25.774 | 1.019 |
| 9/16/2018 4:15 | 886500 | 118.872 | 20.379 | 267.771 | 38823.668 | 42581.941 | 27.671 | 28.956 | 25.757 | 1.019 |
| 9/16/2018 4:30 | 887400 | 118.887 | 20.38 | 267.805 | 38833.117 | 42591.219 | 27.678 | 28.962 | 25.751 | 1.019 |
| 9/16/2018 4:45 | 888300 | 118.887 | 20.38 | 267.805 | 38810.824 | 42567.316 | 27.66 | 28.946 | 25.766 | 1.019 |
| 9/16/2018 5:00 | 889200 | 118.904 | 20.379 | 267.842 | 38807.188 | 42564.098 | 27.658 | 28.944 | 25.768 | 1.019 |
| 9/16/2018 5:15 | 890100 | 118.904 | 20.379 | 267.842 | 38826.973 | 42585.719 | 27.674 | 28.958 | 25.755 | 1.019 |
| 9/16/2018 5:30 | 891000 | 118.915 | 20.38 | 267.867 | 38836.379 | 42594.715 | 27.68 | 28.964 | 25.749 | 1.019 |
| 9/16/2018 5:45 | 891900 | 118.911 | 20.378 | 267.858 | 38808.805 | 42566.273 | 27.66 | 28.945 | 25.767 | 1.019 |
| 9/16/2018 6:00 | 892800 | 118.923 | 20.378 | 267.885 | 38839.641 | 42600.168 | 27.684 | 28.968 | 25.747 | 1.019 |
| 9/16/2018 6:15 | 893700 | 118.928 | 20.381 | 267.896 | 38809.707 | 42565.227 | 27.659 | 28.944 | 25.767 | 1.019 |
| 9/16/2018 6:30 | 894600 | 118.925 | 20.38 | 267.89 | 38821.359 | 42578.32 | 27.668 | 28.953 | 25.759 | 1.019 |
| 9/16/2018 6:45 | 895500 | 118.932 | 20.377 | 267.906 | 38826.363 | 42584.438 | 27.673 | 28.957 | 25.756 | 1.019 |
| 9/16/2018 7:00 | 896400 | 118.921 | 20.38 | 267.881 | 38801.305 | 42558.977 | 27.654 | 28.94 | 25.772 | 1.019 |
| 9/16/2018 7:15 | 897300 | 118.929 | 20.378 | 267.9 | 38816.719 | 42574.953 | 27.666 | 28.951 | 25.762 | 1.019 |
| 9/16/2018 7:30 | 898200 | 118.927 | 20.38 | 267.895 | 38818.594 | 42575.207 | 27.666 | 28.951 | 25.761 | 1.019 |
| 9/16/2018 7:45 | 899100 | 118.917 | 20.383 | 267.872 | 38840.434 | 42597.133 | 27.682 | 28.966 | 25.746 | 1.019 |
| 9/16/2018 8:00 | 900000 | 118.916 | 20.381 | 267.869 | 38833.074 | 42590.699 | 27.677 | 28.962 | 25.751 | 1.019 |
| 9/16/2018 8:15 | 900900 | 118.912 | 20.382 | 267.861 | 38826.813 | 42582.742 | 27.672 | 28.956 | 25.755 | 1.019 |
| 9/16/2018 8:30 | 901800 | 118.919 | 20.382 | 267.876 | 38828.441 | 42585 | 27.673 | 28.958 | 25.754 | 1.019 |
| 9/16/2018 8:45 | 902700 | 118.915 | 20.381 | 267.867 | 38802.02 | 42556.879 | 27.653 | 28.939 | 25.772 | 1.019 |
| 9/16/2018 9:00 | 903600 | 118.907 | 20.383 | 267.85 | 38831.598 | 42587.441 | 27.675 | 28.959 | 25.752 | 1.019 |
| 9/16/2018 9:15 | 904500 | 118.902 | 20.381 | 267.838 | 38836.684 | 42594.191 | 27.68 | 28.964 | 25.749 | 1.019 |
| 9/16/2018 9:30 | 905400 | 118.897 | 20.382 | 267.827 | 38821.664 | 42576.934 | 27.667 | 28.952 | 25.759 | 1.019 |
| 9/16/2018 9:45 | 906300 | 118.895 | 20.384 | 267.822 | 38834.715 | 42589.613 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/16/2018 10:00 | 907200 | 118.897 | 20.384 | 267.826 | 38843.918 | 42599.707 | 27.684 | 28.968 | 25.744 | 1.019 |
| 9/16/2018 10:15 | 908100 | 118.885 | 20.387 | 267.801 | 38829.945 | 42581.738 | 27.671 | 28.956 | 25.753 | 1.019 |
| 9/16/2018 10:30 | 909000 | 118.895 | 20.385 | 267.824 | 38844.348 | 42599.398 | 27.684 | 28.968 | 25.744 | 1.019 |
| 9/16/2018 10:45 | 909900 | 118.89 | 20.385 | 267.81 | 38828.574 | 42581.789 | 27.671 | 28.956 | 25.754 | 1.019 |
| 9/16/2018 11:00 | 910800 | 118.897 | 20.384 | 267.827 | 38826.953 | 42580.879 | 27.67 | 28.955 | 25.755 | 1.019 |
| 9/16/2018 11:15 | 911700 | 118.895 | 20.384 | 267.824 | 38805.063 | 42557.559 | 27.653 | 28.939 | 25.77 | 1.019 |
| 9/16/2018 11:30 | 912600 | 118.905 | 20.384 | 267.846 | 38793.359 | 42544.336 | 27.644 | 28.93 | 25.778 | 1.019 |
| 9/16/2018 11:45 | 913500 | 118.892 | 20.384 | 267.817 | 38834.992 | 42589.695 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/16/2018 12:00 | 914400 | 118.904 | 20.385 | 267.842 | 38805.57 | 42556.719 | 27.653 | 28.939 | 25.769 | 1.019 |
| 9/16/2018 12:15 | 915300 | 118.903 | 20.384 | 267.84 | 38822.496 | 42576.676 | 27.667 | 28.952 | 25.758 | 1.019 |
| 9/16/2018 12:30 | 916200 | 118.918 | 20.382 | 267.874 | 38809.883 | 42564.102 | 27.658 | 28.944 | 25.767 | 1.019 |
| 9/16/2018 12:45 | 917100 | 118.923 | 20.383 | 267.885 | 38784.75 | 42535.68 | 27.638 | 28.924 | 25.783 | 1.019 |
| 9/16/2018 13:00 | 918000 | 118.926 | 20.381 | 267.893 | 38841.984 | 42600.04 | 27.684 | 28.968 | 25.745 | 1.019 |
| 9/16/2018 13:15 | 918900 | 118.937 | 20.383 | 267.917 | 38804.027 | 42557.129 | 27.653 | 28.939 | 25.771 | 1.019 |
| 9/16/2018 13:30 | 919800 | 118.933 | 20.383 | 267.908 | 38794.773 | 42546.441 | 27.645 | 28.932 | 25.777 | 1.019 |
| 9/16/2018 13:45 | 920700 | 118.967 | 20.384 | 267.984 | 38825.148 | 42578.973 | 27.669 | 28.954 | 25.757 | 1.019 |
| 9/16/2018 14:00 | 921600 | 118.969 | 20.382 | 267.988 | 38837.738 | 42594.652 | 27.68 | 28.964 | 25.748 | 1.019 |
| 9/16/2018 14:15 | 922500 | 118.981 | 20.382 | 268.017 | 38804.617 | 42558.633 | 27.654 | 28.94 | 25.77 | 1.019 |
| 9/16/2018 14:30 | 923400 | 119.006 | 20.382 | 268.072 | 38816.809 | 42571.535 | 27.663 | 28.949 | 25.762 | 1.019 |
| 9/16/2018 14:45 | 924300 | 119.003 | 20.38 | 268.066 | 38826.141 | 42583.648 | 27.672 | 28.957 | 25.756 | 1.019 |
| 9/16/2018 15:00 | 925200 | 119.03 | 20.381 | 268.127 | 38797.684 | 42551.809 | 27.649 | 28.935 | 25.775 | 1.019 |
| 9/16/2018 15:15 | 926100 | 119.03 | 20.381 | 268.127 | 38838.574 | 42596.73 | 27.682 | 28.966 | 25.748 | 1.019 |
| 9/16/2018 15:30 | 927000 | 119.047 | 20.383 | 268.165 | 38801.473 | 42554.25 | 27.651 | 28.937 | 25.772 | 1.019 |
| 9/16/2018 15:45 | 927900 | 119.057 | 20.382 | 268.188 | 38797.32 | 42550.004 | 27.648 | 28.934 | 25.775 | 1.019 |
| 9/16/2018 16:00 | 928800 | 119.062 | 20.38 | 268.198 | 38819.953 | 42577.012 | 27.667 | 28.952 | 25.76 | 1.019 |
| 9/16/2018 16:15 | 929700 | 119.083 | 20.38 | 268.245 | 38830.227 | 42588.352 | 27.676 | 28.96 | 25.753 | 1.019 |
| 9/16/2018 16:30 | 930600 | 119.088 | 20.383 | 268.256 | 38800.004 | 42552.867 | 27.65 | 28.936 | 25.773 | 1.019 |
| 9/16/2018 16:45 | 931500 | 119.095 | 20.384 | 268.273 | 38827.441 | 42582.023 | 27.671 | 28.956 | 25.755 | 1.019 |
| 9/16/2018 17:00 | 932400 | 119.107 | 20.383 | 268.299 | 38839.355 | 42595.336 | 27.681 | 28.965 | 25.747 | 1.019 |
| 9/16/2018 17:15 | 933300 | 119.104 | 20.382 | 268.294 | 38818.93 | 42573.934 | 27.665 | 28.95 | 25.761 | 1.019 |
| 9/16/2018 17:30 | 934200 | 119.098 | 20.383 | 268.28 | 38818.875 | 42572.785 | 27.664 | 28.949 | 25.761 | 1.019 |
| 9/16/2018 17:45 | 935100 | 119.105 | 20.382 | 268.297 | 38793.461 | 42546.551 | 27.645 | 28.932 | 25.778 | 1.019 |
| 9/16/2018 18:00 | 936000 | 119.096 | 20.384 | 268.275 | 38803.563 | 42555.527 | 27.652 | 28.938 | 25.771 | 1.019 |
| 9/16/2018 18:15 | 936900 | 119.1 | 20.384 | 268.284 | 38842.094 | 42597.48 | 27.682 | 28.966 | 25.745 | 1.019 |
| 9/16/2018 18:30 | 937800 | 119.09 | 20.385 | 268.261 | 38797.195 | 42547.922 | 27.646 | 28.933 | 25.775 | 1.019 |
| 9/16/2018 18:45 | 938700 | 119.088 | 20.384 | 268.256 | 38827.273 | 42581.059 | 27.67 | 28.955 | 25.755 | 1.019 |
| 9/16/2018 19:00 | 939600 | 119.071 | 20.384 | 268.218 | 38814.117 | 42566.801 | 27.66 | 28.945 | 25.764 | 1.019 |
| 9/16/2018 19:15 | 940500 | 119.071 | 20.383 | 268.22 | 38816.387 | 42570.297 | 27.663 | 28.948 | 25.762 | 1.019 |
| 9/16/2018 19:30 | 941400 | 119.064 | 20.386 | 268.204 | 38822.547 | 42574.242 | 27.666 | 28.95 | 25.758 | 1.019 |
| 9/16/2018 19:45 | 942300 | 119.048 | 20.384 | 268.168 | 38812.199 | 42564.773 | 27.659 | 28.944 | 25.765 | 1.019 |
| 9/16/2018 20:00 | 943200 | 119.035 | 20.383 | 268.137 | 38838.172 | 42594.113 | 27.68 | 28.964 | 25.748 | 1.019 |
| 9/16/2018 20:15 | 944100 | 119.023 | 20.384 | 268.112 | 38820.773 | 42574.176 | 27.665 | 28.95 | 25.759 | 1.019 |
| 9/16/2018 20:30 | 945000 | 118.994 | 20.385 | 268.045 | 38839.648 | 42594.324 | 27.68 | 28.964 | 25.747 | 1.019 |
| 9/16/2018 20:45 | 945900 | 118.988 | 20.387 | 268.032 | 38809.262 | 42559.277 | 27.655 | 28.94 | 25.767 | 1.019 |
| 9/16/2018 21:00 | 946800 | 118.973 | 20.387 | 267.997 | 38824.984 | 42576.059 | 27.667 | 28.952 | 25.757 | 1.019 |
| 9/16/2018 21:15 | 947700 | 118.952 | 20.384 | 267.952 | 38821.117 | 42574.938 | 27.666 | 28.951 | 25.759 | 1.019 |
| 9/16/2018 21:30 | 948600 | 118.939 | 20.382 | 267.921 | 38802.047 | 42555.813 | 27.652 | 28.938 | 25.772 | 1.019 |
| 9/16/2018 21:45 | 949500 | 118.914 | 20.383 | 267.866 | 38850.383 | 42608.117 | 27.69 | 28.974 | 25.74 | 1.019 |
| 9/16/2018 22:00 | 950400 | 118.897 | 20.382 | 267.826 | 38831.086 | 42587.195 | 27.675 | 28.959 | 25.753 | 1.019 |
| 9/16/2018 22:15 | 951300 | 118.877 | 20.384 | 267.781 | 38828.113 | 42582.762 | 27.672 | 28.956 | 25.755 | 1.019 |
| 9/16/2018 22:30 | 952200 | 118.854 | 20.385 | 267.731 | 38825.332 | 42578.855 | 27.669 | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/17/2018 21:15 | 1034100 | 119.107 | 20.387 | 268.299 | 38822.605 | 42573.762 | 27.665 | 28.95 | 25.758 | 1.019 |
| 9/17/2018 21:30 | 1035000 | 119.093 | 20.385 | 268.268 | 38802.949 | 42553.996 | 27.651 | 28.937 | 25.771 | 1.019 |
| 9/17/2018 21:45 | 1035900 | 119.079 | 20.384 | 268.224 | 38810.07 | 42562.898 | 27.657 | 28.943 | 25.767 | 1.019 |
| 9/17/2018 22:00 | 1036800 | 119.049 | 20.386 | 268.17 | 38828.492 | 42581.156 | 27.671 | 28.955 | 25.754 | 1.019 |
| 9/17/2018 22:15 | 1037700 | 119.04 | 20.384 | 268.15 | 38823.965 | 42577.902 | 27.668 | 28.953 | 25.757 | 1.019 |
| 9/17/2018 22:30 | 1038600 | 119.006 | 20.383 | 268.072 | 38830.684 | 42585.824 | 27.674 | 28.958 | 25.753 | 1.019 |
| 9/17/2018 22:45 | 1039500 | 119.003 | 20.385 | 268.066 | 38839.262 | 42594.133 | 27.678 | 28.964 | 25.747 | 1.019 |
| 9/17/2018 23:00 | 1040400 | 118.979 | 20.386 | 268.012 | 38834.629 | 42587.34 | 27.675 | 28.959 | 25.75 | 1.019 |
| 9/17/2018 23:15 | 1041300 | 118.961 | 20.383 | 267.972 | 38835.219 | 42590.949 | 27.678 | 28.962 | 25.75 | 1.019 |
| 9/17/2018 23:30 | 1042200 | 118.941 | 20.387 | 267.927 | 38817 | 42567.688 | 27.661 | 28.946 | 25.762 | 1.019 |
| 9/17/2018 23:45 | 1043100 | 118.921 | 20.388 | 267.881 | 38840.25 | 42592.366 | 27.679 | 28.963 | 25.746 | 1.019 |
| 9/18/2018 0:00 | 1044000 | 118.908 | 20.388 | 267.853 | 38841.094 | 42592.867 | 27.679 | 28.963 | 25.746 | 1.019 |
| 9/18/2018 0:15 | 1044900 | 118.895 | 20.387 | 267.822 | 38814.309 | 42564.352 | 27.658 | 28.944 | 25.764 | 1.019 |
| 9/18/2018 0:30 | 1045800 | 118.88 | 20.386 | 267.789 | 38824.242 | 42576.496 | 27.667 | 28.952 | 25.757 | 1.019 |
| 9/18/2018 0:45 | 1046700 | 118.833 | 20.384 | 267.682 | 38846.055 | 42602.438 | 27.686 | 28.97 | 25.743 | 1.019 |
| 9/18/2018 1:00 | 1047600 | 118.852 | 20.383 | 267.725 | 38814.309 | 42567.777 | 27.661 | 28.946 | 25.764 | 1.019 |
| 9/18/2018 1:15 | 1048500 | 118.839 | 20.383 | 267.696 | 38848.613 | 42605.398 | 27.688 | 28.972 | 25.741 | 1.019 |
| 9/18/2018 1:30 | 1049400 | 118.827 | 20.385 | 267.669 | 38823.266 | 42575.887 | 27.667 | 28.952 | 25.758 | 1.019 |
| 9/18/2018 1:45 | 1050300 | 118.82 | 20.386 | 267.655 | 38801.965 | 42551.52 | 27.649 | 28.935 | 25.772 | 1.019 |
| 9/18/2018 2:00 | 1051200 | 118.82 | 20.386 | 267.655 | 38794.961 | 42544.152 | 27.644 | 28.93 | 25.777 | 1.019 |
| 9/18/2018 2:15 | 1052100 | 118.816 | 20.388 | 267.646 | 38841.688 | 42593.988 | 27.68 | 28.964 | 25.746 | 1.019 |
| 9/18/2018 2:30 | 1053000 | 118.814 | 20.385 | 267.64 | 38836.227 | 42590.18 | 27.677 | 28.961 | 25.749 | 1.019 |
| 9/18/2018 2:45 | 1053900 | 118.815 | 20.385 | 267.643 | 38803.105 | 42554.016 | 27.651 | 28.937 | 25.771 | 1.019 |
| 9/18/2018 3:00 | 1054800 | 118.818 | 20.387 | 267.648 | 38817.91 | 42568.762 | 27.662 | 28.947 | 25.761 | 1.019 |
| 9/18/2018 3:15 | 1055700 | 118.811 | 20.387 | 267.634 | 38810.66 | 42560.504 | 27.656 | 28.941 | 25.766 | 1.019 |
| 9/18/2018 3:30 | 1056600 | 118.83 | 20.387 | 267.676 | 38841.855 | 42594.715 | 27.68 | 28.964 | 25.745 | 1.019 |
| 9/18/2018 3:45 | 1057500 | 118.833 | 20.389 | 267.682 | 38809.16 | 42557.313 | 27.653 | 28.939 | 25.767 | 1.019 |
| 9/18/2018 4:00 | 1058400 | 118.84 | 20.389 | 267.698 | 38833.656 | 42584.324 | 27.673 | 28.957 | 25.751 | 1.019 |
| 9/18/2018 4:15 | 1059300 | 118.847 | 20.389 | 267.714 | 38827.199 | 42576.543 | 27.667 | 28.952 | 25.755 | 1.019 |
| 9/18/2018 4:30 | 1060200 | 118.862 | 20.39 | 267.749 | 38819.699 | 42567.691 | 27.661 | 28.946 | 25.76 | 1.019 |
| 9/18/2018 4:45 | 1061100 | 118.867 | 20.39 | 267.76 | 38825.871 | 42574.293 | 27.666 | 28.951 | 25.756 | 1.019 |
| 9/18/2018 5:00 | 1062000 | 118.883 | 20.386 | 267.796 | 38816.172 | 42567.102 | 27.66 | 28.946 | 25.762 | 1.019 |
| 9/18/2018 5:15 | 1062900 | 118.894 | 20.386 | 267.82 | 38824.492 | 42576.77 | 27.667 | 28.952 | 25.757 | 1.019 |
| 9/18/2018 5:30 | 1063800 | 118.911 | 20.385 | 267.858 | 38810.098 | 42561.371 | 27.656 | 28.942 | 25.766 | 1.019 |
| 9/18/2018 5:45 | 1064700 | 118.919 | 20.384 | 267.878 | 38828.844 | 42583.102 | 27.672 | 28.957 | 25.754 | 1.019 |
| 9/18/2018 6:00 | 1065600 | 118.94 | 20.381 | 267.925 | 38814.902 | 42570.844 | 27.663 | 28.948 | 25.763 | 1.019 |
| 9/18/2018 6:15 | 1066500 | 118.951 | 20.382 | 267.948 | 38807.504 | 42561.648 | 27.656 | 28.942 | 25.768 | 1.019 |
| 9/18/2018 6:30 | 1067400 | 118.959 | 20.381 | 267.967 | 38819.66 | 42575.52 | 27.666 | 28.951 | 25.76 | 1.019 |
| 9/18/2018 6:45 | 1068300 | 118.979 | 20.379 | 268.012 | 38823.258 | 42581.344 | 27.67 | 28.955 | 25.758 | 1.019 |
| 9/18/2018 7:00 | 1069200 | 118.979 | 20.379 | 268.011 | 38789.586 | 42545.031 | 27.644 | 28.931 | 25.78 | 1.019 |
| 9/18/2018 7:15 | 1070100 | 118.995 | 20.378 | 268.048 | 38854.547 | 42616.984 | 27.696 | 28.98 | 25.737 | 1.019 |
| 9/18/2018 7:30 | 1071000 | 118.998 | 20.379 | 268.054 | 38811.766 | 42568.738 | 27.661 | 28.947 | 25.765 | 1.019 |
| 9/18/2018 7:45 | 1071900 | 119.02 | 20.379 | 268.104 | 38803.207 | 42559.652 | 27.655 | 28.941 | 25.771 | 1.019 |
| 9/18/2018 8:00 | 1072800 | 119.017 | 20.381 | 268.098 | 38793.531 | 42547.406 | 27.646 | 28.932 | 25.777 | 1.019 |
| 9/18/2018 8:15 | 1073700 | 119.03 | 20.38 | 268.127 | 38793.418 | 42547.52 | 27.646 | 28.932 | 25.778 | 1.019 |
| 9/18/2018 8:30 | 1074600 | 119.038 | 20.38 | 268.146 | 38803.387 | 42559.234 | 27.654 | 28.94 | 25.771 | 1.019 |
| 9/18/2018 8:45 | 1075500 | 119.039 | 20.381 | 268.148 | 38834.105 | 42591.988 | 27.678 | 28.963 | 25.751 | 1.019 |
| 9/18/2018 9:00 | 1076400 | 119.046 | 20.382 | 268.163 | 38827.441 | 42583.039 | 27.672 | 28.956 | 25.755 | 1.019 |
| 9/18/2018 9:15 | 1077300 | 119.04 | 20.379 | 268.15 | 38821.676 | 42579.445 | 27.669 | 28.954 | 25.759 | 1.019 |
| 9/18/2018 9:30 | 1078200 | 119.04 | 20.378 | 268.15 | 38829.633 | 42589.266 | 27.676 | 28.961 | 25.754 | 1.019 |
| 9/18/2018 9:45 | 1079100 | 119.044 | 20.381 | 268.159 | 38804.531 | 42559.32 | 27.655 | 28.94 | 25.77 | 1.019 |
| 9/18/2018 10:00 | 1080000 | 119.048 | 20.382 | 268.168 | 38835.789 | 42592.426 | 27.679 | 28.963 | 25.749 | 1.019 |
| 9/18/2018 10:15 | 1080900 | 119.045 | 20.382 | 268.161 | 38812.605 | 42567.242 | 27.66 | 28.946 | 25.765 | 1.019 |
| 9/18/2018 10:30 | 1081800 | 119.043 | 20.38 | 268.156 | 38787.941 | 42542.371 | 27.642 | 28.929 | 25.781 | 1.019 |
| 9/18/2018 10:45 | 1082700 | 119.042 | 20.38 | 268.155 | 38838.09 | 42597.297 | 27.682 | 28.966 | 25.748 | 1.019 |
| 9/18/2018 11:00 | 1083600 | 119.044 | 20.383 | 268.159 | 38812.789 | 42566.277 | 27.66 | 28.945 | 25.765 | 1.019 |
| 9/18/2018 11:15 | 1084500 | 119.03 | 20.385 | 268.127 | 38835.668 | 42590.039 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/18/2018 11:30 | 1085400 | 119.035 | 20.383 | 268.138 | 38817.848 | 42571.98 | 27.664 | 28.949 | 25.761 | 1.019 |
| 9/18/2018 11:45 | 1086300 | 119.021 | 20.383 | 268.107 | 38827.105 | 42582.133 | 27.671 | 28.956 | 25.755 | 1.019 |
| 9/18/2018 12:00 | 1087200 | 119.028 | 20.384 | 268.122 | 38811.555 | 42564.453 | 27.658 | 28.944 | 25.766 | 1.019 |
| 9/18/2018 12:15 | 1088100 | 119.017 | 20.38 | 268.098 | 38816.301 | 42572.773 | 27.664 | 28.949 | 25.762 | 1.019 |
| 9/18/2018 12:30 | 1089000 | 119.021 | 20.381 | 268.107 | 38789.227 | 42542.766 | 27.643 | 28.929 | 25.78 | 1.019 |
| 9/18/2018 12:45 | 1089900 | 119.023 | 20.378 | 268.112 | 38813.496 | 42571.422 | 27.663 | 28.949 | 25.764 | 1.019 |
| 9/18/2018 13:00 | 1090800 | 119.02 | 20.379 | 268.104 | 38830.309 | 42589.621 | 27.676 | 28.961 | 25.753 | 1.019 |
| 9/18/2018 13:15 | 1091700 | 119.011 | 20.378 | 268.083 | 38794.031 | 42550.523 | 27.648 | 28.934 | 25.777 | 1.019 |
| 9/18/2018 13:30 | 1092600 | 119.013 | 20.38 | 268.089 | 38834.219 | 42592.73 | 27.679 | 28.963 | 25.75 | 1.019 |
| 9/18/2018 13:45 | 1093500 | 119.011 | 20.38 | 268.083 | 38831.754 | 42589.566 | 27.676 | 28.961 | 25.752 | 1.019 |
| 9/18/2018 14:00 | 1094400 | 119.017 | 20.381 | 268.098 | 38819.969 | 42576.48 | 27.667 | 28.952 | 25.76 | 1.019 |
| 9/18/2018 14:15 | 1095300 | 119.024 | 20.382 | 268.113 | 38801.617 | 42555.109 | 27.652 | 28.937 | 25.772 | 1.019 |
| 9/18/2018 14:30 | 1096200 | 119.028 | 20.383 | 268.122 | 38797.371 | 42549.828 | 27.648 | 28.934 | 25.775 | 1.019 |
| 9/18/2018 14:45 | 1097100 | 119.031 | 20.38 | 268.129 | 38801.473 | 42556.355 | 27.652 | 28.938 | 25.772 | 1.019 |
| 9/18/2018 15:00 | 1098000 | 119.031 | 20.383 | 268.129 | 38811.211 | 42565.008 | 27.659 | 28.944 | 25.766 | 1.019 |
| 9/18/2018 15:15 | 1098900 | 119.043 | 20.382 | 268.156 | 38835.688 | 42592.477 | 27.679 | 28.963 | 25.75 | 1.019 |
| 9/18/2018 15:30 | 1099800 | 119.043 | 20.38 | 268.156 | 38812.363 | 42568.688 | 27.661 | 28.947 | 25.765 | 1.019 |
| 9/18/2018 15:45 | 1100700 | 119.061 | 20.382 | 268.196 | 38824.031 | 42580.082 | 27.67 | 28.954 | 25.757 | 1.019 |
| 9/18/2018 16:00 | 1101600 | 119.071 | 20.382 | 268.218 | 38814.133 | 42568.672 | 27.661 | 28.947 | 25.764 | 1.019 |
| 9/18/2018 16:15 | 1102500 | 119.085 | 20.381 | 268.251 | 38829.887 | 42587.055 | 27.675 | 28.959 | 25.753 | 1.019 |
| 9/18/2018 16:30 | 1103400 | 119.084 | 20.383 | 268.247 | 38835.984 | 42591.871 | 27.678 | 28.962 | 25.749 | 1.019 |
| 9/18/2018 16:45 | 1104300 | 119.106 | 20.383 | 268.297 | 38804.625 | 42557.711 | 27.654 | 28.939 | 25.77 | 1.019 |
| 9/18/2018 17:00 | 1105200 | 119.117 | 20.385 | 268.323 | 38814.688 | 42566.559 | 27.66 | 28.945 | 25.763 | 1.019 |
| 9/18/2018 17:15 | 1106100 | 119.129 | 20.383 | 268.351 | 38835.77 | 42591.402 | 27.678 | 28.962 | 25.749 | 1.019 |
| 9/18/2018 17:30 | 1107000 | 119.142 | 20.384 | 268.38 | 38805.93 | 42557.82 | 27.654 | 28.939 | 25.769 | 1.019 |
| 9/18/2018 17:45 | 1107900 | 119.151 | 20.382 | 268.4 | 38851.164 | 42609.141 | 27.691 | 28.974 | 25.739 | 1.019 |
| 9/18/2018 18:00 | 1108800 | 119.164 | 20.383 | 268.428 | 38844.438 | 42601.371 | 27.685 | 28.969 | 25.744 | 1.019 |
| 9/18/2018 18:15 | 1109700 | 119.171 | 20.383 | 268.445 | 38831.152 | 42586.645 | 27.674 | 28.959 | 25.753 | 1.019 |
| 9/18/2018 18:30 | 1110600 | 119.18 | 20.387 | 268.464 | 38827.293 | 42578.434 | 27.669 | 28.953 | 25.755 | 1.019 |
| 9/18/2018 18:45 | 1111500 | 119.181 | 20.389 | 268.467 | 38800.188 | 42547.773 | 27.647 | 28.932 | 25.773 | 1.019 |
| 9/18/2018 19:00 | 111240 | | | | | | | | | |

| | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/19/2018 17:45 | 1194300 | 118.931 | 20.384 | 267.904 | 38847.781 | 42603.871 | 27.687 | 28.971 | 25.741 | 1.019 |
| 9/19/2018 18:00 | 1195200 | 118.966 | 20.384 | 267.938 | 38832.395 | 42586.766 | 27.675 | 28.959 | 25.752 | 1.019 |
| 9/19/2018 18:15 | 1196100 | 118.969 | 20.383 | 267.988 | 38821.219 | 42575.52 | 27.666 | 28.951 | 25.759 | 1.019 |
| 9/19/2018 18:30 | 1197000 | 118.979 | 20.382 | 268.011 | 38814.371 | 42569.57 | 27.662 | 28.947 | 25.764 | 1.019 |
| 9/19/2018 18:45 | 1197900 | 118.986 | 20.383 | 268.027 | 38803.867 | 42565.366 | 27.653 | 28.938 | 25.771 | 1.019 |
| 9/19/2018 19:00 | 1198800 | 118.998 | 20.381 | 268.054 | 38834.809 | 42562.453 | 27.679 | 28.963 | 25.75 | 1.019 |
| 9/19/2018 19:15 | 1199700 | 119.006 | 20.382 | 268.072 | 38808.441 | 42562.285 | 27.657 | 28.942 | 25.768 | 1.019 |
| 9/19/2018 19:30 | 1200600 | 119.017 | 20.383 | 268.098 | 38796.406 | 42537.418 | 27.639 | 28.925 | 25.782 | 1.019 |
| 9/19/2018 19:45 | 1201500 | 119.014 | 20.383 | 268.091 | 38828.805 | 42583.84 | 27.672 | 28.957 | 25.754 | 1.019 |
| 9/19/2018 20:00 | 1202400 | 119.027 | 20.379 | 268.119 | 38836.727 | 42596.035 | 27.681 | 28.965 | 25.749 | 1.019 |
| 9/19/2018 20:15 | 1203300 | 119.038 | 20.383 | 268.146 | 38806.488 | 42559.523 | 27.655 | 28.94 | 25.769 | 1.019 |
| 9/19/2018 20:30 | 1204200 | 119.029 | 20.383 | 268.124 | 38800.414 | 42553.09 | 27.65 | 28.936 | 25.773 | 1.019 |
| 9/19/2018 20:45 | 1205100 | 119.031 | 20.384 | 268.129 | 38795.27 | 42546.816 | 27.646 | 28.932 | 25.776 | 1.019 |
| 9/19/2018 21:00 | 1206000 | 119.019 | 20.386 | 268.102 | 38830.234 | 42583.066 | 27.672 | 28.956 | 25.753 | 1.019 |
| 9/19/2018 21:15 | 1206900 | 119.025 | 20.386 | 268.115 | 38806.703 | 42557.574 | 27.653 | 28.939 | 25.769 | 1.019 |
| 9/19/2018 21:30 | 1207800 | 119.017 | 20.384 | 268.098 | 38835.949 | 42591.043 | 27.678 | 28.962 | 25.749 | 1.019 |
| 9/19/2018 21:45 | 1208700 | 119.01 | 20.385 | 268.082 | 38850.813 | 42606.648 | 27.689 | 28.973 | 25.739 | 1.019 |
| 9/19/2018 22:00 | 1209600 | 119.002 | 20.384 | 268.064 | 38834.695 | 42589.906 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/19/2018 22:15 | 1210500 | 118.99 | 20.387 | 268.036 | 38828.352 | 42579.594 | 27.669 | 28.954 | 25.754 | 1.019 |
| 9/19/2018 22:30 | 1211400 | 118.969 | 20.387 | 267.999 | 38805.734 | 42555.41 | 27.652 | 28.938 | 25.769 | 1.019 |
| 9/19/2018 22:45 | 1212300 | 118.954 | 20.388 | 267.956 | 38800.844 | 42548.883 | 27.647 | 28.933 | 25.773 | 1.019 |
| 9/19/2018 23:00 | 1213200 | 118.932 | 20.387 | 267.906 | 38789.91 | 42537.438 | 27.639 | 28.925 | 25.78 | 1.019 |
| 9/19/2018 23:15 | 1214100 | 118.922 | 20.386 | 267.883 | 38841.051 | 42594.613 | 27.68 | 28.964 | 25.746 | 1.019 |
| 9/19/2018 23:30 | 1215000 | 118.897 | 20.384 | 267.827 | 38811.27 | 42563.977 | 27.658 | 28.944 | 25.766 | 1.019 |
| 9/19/2018 23:45 | 1215900 | 118.886 | 20.382 | 267.803 | 38833.176 | 42589.328 | 27.676 | 28.961 | 25.751 | 1.019 |
| 9/20/2018 0:00 | 1216800 | 118.86 | 20.386 | 267.744 | 38813.684 | 42564.984 | 27.659 | 28.944 | 25.764 | 1.019 |
| 9/20/2018 0:15 | 1217700 | 118.839 | 20.385 | 267.696 | 38796.375 | 42546.637 | 27.646 | 28.932 | 25.776 | 1.019 |
| 9/20/2018 0:30 | 1218600 | 118.816 | 20.388 | 267.644 | 38833.547 | 42584.59 | 27.673 | 28.958 | 25.751 | 1.019 |
| 9/20/2018 0:45 | 1219500 | 118.79 | 20.389 | 267.586 | 38827.262 | 42577.461 | 27.668 | 28.953 | 25.755 | 1.019 |
| 9/20/2018 1:00 | 1220400 | 118.774 | 20.387 | 267.55 | 38808.031 | 42558.094 | 27.654 | 28.94 | 25.768 | 1.019 |
| 9/20/2018 1:15 | 1221300 | 118.757 | 20.385 | 267.512 | 38852.836 | 42608.242 | 27.69 | 28.974 | 25.738 | 1.019 |
| 9/20/2018 1:30 | 1222200 | 118.732 | 20.386 | 267.455 | 38821.871 | 42573.664 | 27.665 | 28.95 | 25.759 | 1.019 |
| 9/20/2018 1:45 | 1223100 | 118.712 | 20.387 | 267.41 | 38864.992 | 42619.93 | 27.699 | 28.982 | 25.73 | 1.019 |
| 9/20/2018 2:00 | 1224000 | 118.691 | 20.388 | 267.363 | 38824.539 | 42575.184 | 27.666 | 28.951 | 25.757 | 1.019 |
| 9/20/2018 2:15 | 1224900 | 118.674 | 20.387 | 267.325 | 38831.094 | 42583.219 | 27.672 | 28.957 | 25.753 | 1.019 |
| 9/20/2018 2:30 | 1225800 | 118.665 | 20.387 | 267.304 | 38825.863 | 42577.484 | 27.668 | 28.953 | 25.756 | 1.019 |
| 9/20/2018 2:45 | 1226700 | 118.654 | 20.387 | 267.279 | 38847.914 | 42601.047 | 27.685 | 28.969 | 25.741 | 1.019 |
| 9/20/2018 3:00 | 1227600 | 118.646 | 20.386 | 267.263 | 38801.754 | 42551.289 | 27.649 | 28.935 | 25.772 | 1.019 |
| 9/20/2018 3:15 | 1228500 | 118.628 | 20.383 | 267.222 | 38834.871 | 42590.492 | 27.677 | 28.962 | 25.75 | 1.019 |
| 9/20/2018 3:30 | 1229400 | 118.626 | 20.383 | 267.218 | 38798.461 | 42550.563 | 27.648 | 28.934 | 25.774 | 1.019 |
| 9/20/2018 3:45 | 1230300 | 118.619 | 20.386 | 267.201 | 38808.895 | 42559.977 | 27.655 | 28.941 | 25.767 | 1.019 |
| 9/20/2018 4:00 | 1231200 | 118.618 | 20.385 | 267.198 | 38836.949 | 42591.52 | 27.678 | 28.962 | 25.749 | 1.019 |
| 9/20/2018 4:15 | 1232100 | 118.619 | 20.385 | 267.201 | 38802.016 | 42553.133 | 27.65 | 28.936 | 25.772 | 1.019 |
| 9/20/2018 4:30 | 1233000 | 118.624 | 20.387 | 267.213 | 38834.422 | 42586.867 | 27.675 | 28.959 | 25.75 | 1.019 |
| 9/20/2018 4:45 | 1233900 | 118.628 | 20.386 | 267.222 | 38841.68 | 42595.539 | 27.681 | 28.965 | 25.746 | 1.019 |
| 9/20/2018 5:00 | 1234800 | 118.632 | 20.384 | 267.23 | 38807.723 | 42560.09 | 27.655 | 28.941 | 25.768 | 1.019 |
| 9/20/2018 5:15 | 1235700 | 118.631 | 20.388 | 267.228 | 38834.695 | 42586.477 | 27.674 | 28.959 | 25.75 | 1.019 |
| 9/20/2018 5:30 | 1236600 | 118.647 | 20.386 | 267.265 | 38830.191 | 42582.938 | 27.672 | 28.956 | 25.753 | 1.019 |
| 9/20/2018 5:45 | 1237500 | 118.662 | 20.387 | 267.297 | 38820.137 | 42571.203 | 27.663 | 28.948 | 25.76 | 1.019 |
| 9/20/2018 6:00 | 1238400 | 118.678 | 20.386 | 267.334 | 38824.777 | 42576.852 | 27.667 | 28.952 | 25.757 | 1.019 |
| 9/20/2018 6:15 | 1239300 | 118.687 | 20.386 | 267.354 | 38846.484 | 42600.73 | 27.685 | 28.968 | 25.742 | 1.019 |
| 9/20/2018 6:30 | 1240200 | 118.7 | 20.385 | 267.384 | 38800.938 | 42551.715 | 27.649 | 28.935 | 25.773 | 1.019 |
| 9/20/2018 6:45 | 1241100 | 118.717 | 20.382 | 267.422 | 38807.012 | 42561.109 | 27.656 | 28.942 | 25.769 | 1.019 |
| 9/20/2018 7:00 | 1242000 | 118.734 | 20.382 | 267.46 | 38824.934 | 42581.07 | 27.67 | 28.955 | 25.757 | 1.019 |
| 9/20/2018 7:15 | 1242900 | 118.749 | 20.384 | 267.494 | 38799.879 | 42551.41 | 27.649 | 28.935 | 25.773 | 1.019 |
| 9/20/2018 7:30 | 1243800 | 118.77 | 20.385 | 267.54 | 38851.359 | 42606.777 | 27.689 | 28.973 | 25.739 | 1.019 |
| 9/20/2018 7:45 | 1244700 | 118.773 | 20.386 | 267.549 | 38831.262 | 42583.879 | 27.673 | 28.957 | 25.752 | 1.019 |
| 9/20/2018 8:00 | 1245600 | 118.79 | 20.383 | 267.586 | 38819.641 | 42573.789 | 27.665 | 28.95 | 25.76 | 1.019 |
| 9/20/2018 8:15 | 1246500 | 118.807 | 20.384 | 267.625 | 38785.551 | 42535.852 | 27.638 | 28.924 | 25.783 | 1.019 |
| 9/20/2018 8:30 | 1247400 | 118.816 | 20.381 | 267.646 | 38814.613 | 42570.156 | 27.662 | 28.948 | 25.763 | 1.019 |
| 9/20/2018 8:45 | 1248300 | 118.83 | 20.382 | 267.677 | 38806.637 | 42560.773 | 27.656 | 28.941 | 25.769 | 1.019 |
| 9/20/2018 9:00 | 1249200 | 118.851 | 20.383 | 267.723 | 38834.371 | 42590.332 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/20/2018 9:15 | 1250100 | 118.852 | 20.379 | 267.725 | 38824.836 | 42583.148 | 27.672 | 28.957 | 25.757 | 1.019 |
| 9/20/2018 9:30 | 1251000 | 118.861 | 20.381 | 267.746 | 38824.641 | 42581.605 | 27.671 | 28.955 | 25.757 | 1.019 |
| 9/20/2018 9:45 | 1251900 | 118.875 | 20.379 | 267.777 | 38793.543 | 42548.75 | 27.647 | 28.933 | 25.777 | 1.019 |
| 9/20/2018 10:00 | 1252800 | 118.875 | 20.382 | 267.777 | 38811.305 | 42566.121 | 27.66 | 28.945 | 25.766 | 1.019 |
| 9/20/2018 10:15 | 1253700 | 118.882 | 20.382 | 267.793 | 38824.563 | 42580.746 | 27.67 | 28.955 | 25.757 | 1.019 |
| 9/20/2018 10:30 | 1254600 | 118.891 | 20.382 | 267.815 | 38832.18 | 42589.102 | 27.676 | 28.961 | 25.752 | 1.019 |
| 9/20/2018 10:45 | 1255500 | 118.891 | 20.383 | 267.815 | 38837.348 | 42593.367 | 27.679 | 28.963 | 25.748 | 1.019 |
| 9/20/2018 11:00 | 1256400 | 118.882 | 20.384 | 267.794 | 38829.168 | 42583.77 | 27.672 | 28.957 | 25.754 | 1.019 |
| 9/20/2018 11:15 | 1257300 | 118.894 | 20.381 | 267.82 | 38792.875 | 42546.07 | 27.645 | 28.931 | 25.778 | 1.019 |
| 9/20/2018 11:30 | 1258200 | 118.882 | 20.386 | 267.793 | 38786.332 | 42535.234 | 27.637 | 28.924 | 25.782 | 1.019 |
| 9/20/2018 11:45 | 1259100 | 118.882 | 20.385 | 267.793 | 38832.957 | 42586.598 | 27.674 | 28.959 | 25.751 | 1.019 |
| 9/20/2018 12:00 | 1260000 | 118.872 | 20.387 | 267.771 | 38810.066 | 42559.543 | 27.655 | 28.94 | 25.767 | 1.019 |
| 9/20/2018 12:15 | 1260900 | 118.882 | 20.386 | 267.793 | 38835.438 | 42588.457 | 27.676 | 28.96 | 25.75 | 1.019 |
| 9/20/2018 12:30 | 1261800 | 118.862 | 20.387 | 267.749 | 38825.75 | 42577.211 | 27.668 | 28.953 | 25.756 | 1.019 |
| 9/20/2018 12:45 | 1262700 | 118.855 | 20.385 | 267.732 | 38845.582 | 42600.602 | 27.685 | 28.968 | 25.743 | 1.019 |
| 9/20/2018 13:00 | 1263600 | 118.851 | 20.387 | 267.723 | 38783.695 | 42531.094 | 27.634 | 28.921 | 25.784 | 1.019 |
| 9/20/2018 13:15 | 1264500 | 118.844 | 20.385 | 267.708 | 38821.652 | 42574.668 | 27.666 | 28.951 | 25.759 | 1.019 |
| 9/20/2018 13:30 | 1265400 | 118.841 | 20.386 | 267.701 | 38871.449 | 42627.949 | 27.704 | 28.987 | 25.726 | 1.019 |
| 9/20/2018 13:45 | 1266300 | 118.835 | 20.384 | 267.688 | 38803.191 | 42554.648 | 27.651 | 28.937 | 25.771 | 1.019 |
| 9/20/2018 14:00 | 1267200 | 118.826 | 20.39 | 267.666 | 38796.926 | 42542.719 | 27.643 | 28.929 | 25.775 | 1.019 |
| 9/20/2018 14:15 | 1268100 | 118.822 | 20.389 | 267.658 | 38830.559 | 42580.777 | 27.67 | 28.955 | 25.753 | 1.019 |
| 9/20/2018 14:30 | 1269000 | 118.82 | 20.388 | 267.655 | 38787.301 | 42533.723 | 27.636 | 28.923 | 25.782 | 1.019 |
| 9/20/2018 14:45 | 1269900 | 118.809 | 20.389 | 267.629 | 38841.516 | 42593.094 | 27.679 | 28.963 | 25.746 | 1.019 |
| 9/20/2018 15:00 | 1270800 | 118.806 | 20.389 | 267.621 | 38817.18 | 42565.555 | 27.659 | 28.945 | 25.762 | 1.019 |
| 9/20/2018 15:15 | 1271700 | 118.807 | 20.39 | 267.623 | 38830.93 | 42580.16 | 27.67 | 28.955 | 25.753 | 1.019 |
| 9/20/2018 | | | | | | | | | | |

| | | | | | | | | | | |
|-------------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/21/2018 14:15 | 1354500 | 118.823 | 20.388 | 267.66 | 38791.535 | 42538.758 | 27.64 | 28.926 | 25.779 | 1.019 |
| 9/21/2018 14:30 | 1355400 | 118.804 | 20.386 | 267.617 | 38812.645 | 42563.621 | 27.658 | 28.943 | 25.765 | 1.019 |
| 9/21/2018 14:45 | 1356300 | 118.796 | 20.387 | 267.598 | 38817.629 | 42567.836 | 27.661 | 28.946 | 25.761 | 1.019 |
| 9/21/2018 15:00 | 1357200 | 118.794 | 20.388 | 267.594 | 38825.734 | 42579.949 | 27.667 | 28.952 | 25.756 | 1.019 |
| 9/21/2018 15:15 | 1358100 | 118.78 | 20.386 | 267.564 | 38848.281 | 42602.387 | 27.686 | 28.97 | 25.741 | 1.019 |
| 9/21/2018 15:30 | 1359000 | 118.774 | 20.387 | 267.55 | 38807.695 | 42556.941 | 27.653 | 28.939 | 25.768 | 1.019 |
| 9/21/2018 15:45 | 1359900 | 118.777 | 20.388 | 267.557 | 38808.559 | 42557.344 | 27.653 | 28.939 | 25.768 | 1.019 |
| 9/21/2018 16:00 | 1360800 | 118.765 | 20.384 | 267.53 | 38835.094 | 42589.879 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/21/2018 16:15 | 1361700 | 118.773 | 20.383 | 267.549 | 38832.117 | 42587.547 | 27.675 | 28.96 | 25.752 | 1.019 |
| 9/21/2018 16:30 | 1362600 | 118.782 | 20.387 | 267.569 | 38829.438 | 42581.328 | 27.671 | 28.955 | 25.754 | 1.019 |
| 9/21/2018 16:45 | 1363500 | 118.78 | 20.385 | 267.564 | 38817.535 | 42570.305 | 27.663 | 28.948 | 25.762 | 1.019 |
| 9/21/2018 17:00 | 1364400 | 118.784 | 20.385 | 267.573 | 38815.672 | 42567.875 | 27.661 | 28.946 | 25.763 | 1.019 |
| 9/21/2018 17:15 | 1365300 | 118.794 | 20.384 | 267.594 | 38818.551 | 42571.738 | 27.664 | 28.949 | 25.761 | 1.019 |
| 9/21/2018 17:30 | 1366200 | 118.796 | 20.381 | 267.598 | 38794.617 | 42547.98 | 27.646 | 28.933 | 25.777 | 1.019 |
| 9/21/2018 17:45 | 1367100 | 118.804 | 20.384 | 267.619 | 38821.137 | 42574.801 | 27.666 | 28.951 | 25.759 | 1.019 |
| 9/21/2018 18:00 | 1368000 | 118.823 | 20.386 | 267.66 | 38832.141 | 42585.469 | 27.674 | 28.958 | 25.752 | 1.019 |
| 9/21/2018 18:15 | 1368900 | 118.836 | 20.382 | 267.689 | 38785.574 | 42537.281 | 27.639 | 28.925 | 25.783 | 1.019 |
| 9/21/2018 18:30 | 1369800 | 118.846 | 20.385 | 267.712 | 38795.672 | 42546.176 | 27.645 | 28.931 | 25.776 | 1.019 |
| 9/21/2018 18:45 | 1370700 | 118.866 | 20.383 | 267.758 | 38822.027 | 42576.484 | 27.667 | 28.952 | 25.759 | 1.019 |
| 9/21/2018 19:00 | 1371600 | 118.872 | 20.382 | 267.771 | 38817.637 | 42572.91 | 27.664 | 28.95 | 25.761 | 1.019 |
| 9/21/2018 19:15 | 1372500 | 118.887 | 20.387 | 267.805 | 38828.328 | 42580.277 | 27.67 | 28.955 | 25.754 | 1.019 |
| 9/21/2018 19:30 | 1373400 | 118.907 | 20.382 | 267.85 | 38809.512 | 42564.156 | 27.658 | 28.944 | 25.767 | 1.019 |
| 9/21/2018 19:45 | 1374300 | 118.922 | 20.385 | 267.883 | 38805.105 | 42556.672 | 27.653 | 28.939 | 25.77 | 1.019 |
| 9/21/2018 20:00 | 1375200 | 118.937 | 20.384 | 267.917 | 38824.367 | 42578.578 | 27.669 | 28.953 | 25.757 | 1.019 |
| 9/21/2018 20:15 | 1376100 | 118.948 | 20.384 | 267.942 | 38820.832 | 42574.082 | 27.665 | 28.95 | 25.759 | 1.019 |
| 9/21/2018 20:30 | 1377000 | 118.958 | 20.383 | 267.965 | 38821.438 | 42575.836 | 27.667 | 28.952 | 25.759 | 1.019 |
| 9/21/2018 20:45 | 1377900 | 118.974 | 20.386 | 268.001 | 38817.898 | 42569.688 | 27.662 | 28.947 | 25.761 | 1.019 |
| 9/21/2018 21:00 | 1378800 | 118.981 | 20.385 | 268.015 | 38834.363 | 42588.758 | 27.676 | 28.96 | 25.75 | 1.019 |
| 9/21/2018 21:15 | 1379700 | 118.996 | 20.387 | 268.051 | 38824.418 | 42575.988 | 27.667 | 28.952 | 25.757 | 1.019 |
| 9/21/2018 21:30 | 1380600 | 119.002 | 20.386 | 268.064 | 38812.234 | 42563.555 | 27.658 | 28.943 | 25.765 | 1.019 |
| 9/21/2018 21:45 | 1381500 | 118.992 | 20.382 | 268.04 | 38795.684 | 42548.293 | 27.647 | 28.933 | 25.776 | 1.019 |
| 9/21/2018 22:00 | 1382400 | 119.006 | 20.383 | 268.072 | 38813.93 | 42567.453 | 27.661 | 28.946 | 25.764 | 1.019 |
| 9/21/2018 22:15 | 1383300 | 119.003 | 20.386 | 268.066 | 38799.41 | 42549.266 | 27.648 | 28.934 | 25.774 | 1.019 |
| 9/21/2018 22:30 | 1384200 | 119.006 | 20.385 | 268.072 | 38833.477 | 42587.637 | 27.675 | 28.96 | 25.751 | 1.019 |
| 9/21/2018 22:45 | 1385100 | 118.994 | 20.386 | 268.045 | 38829.543 | 42582.309 | 27.671 | 28.956 | 25.754 | 1.019 |
| 9/21/2018 23:00 | 1386000 | 118.983 | 20.387 | 268.02 | 38824.59 | 42575.699 | 27.667 | 28.951 | 25.757 | 1.019 |
| 9/21/2018 23:15 | 1386900 | 118.979 | 20.386 | 268.011 | 38794.57 | 42544.184 | 27.644 | 28.93 | 25.777 | 1.019 |
| 9/21/2018 23:30 | 1387800 | 118.974 | 20.383 | 268.001 | 38821.84 | 42576.813 | 27.667 | 28.952 | 25.759 | 1.019 |
| 9/21/2018 23:45 | 1388700 | 118.952 | 20.386 | 267.952 | 38811.711 | 42562.207 | 27.657 | 28.942 | 25.765 | 1.019 |
| 9/22/2018 0:00 | 1389600 | 118.937 | 20.384 | 267.917 | 38821.492 | 42575.039 | 27.666 | 28.951 | 25.759 | 1.019 |
| 9/22/2018 0:15 | 1390500 | 118.918 | 20.383 | 267.874 | 38810.277 | 42564.133 | 27.658 | 28.944 | 25.766 | 1.019 |
| 9/22/2018 0:30 | 1391400 | 118.905 | 20.384 | 267.846 | 38772.656 | 42521.711 | 27.628 | 28.915 | 25.791 | 1.019 |
| 9/22/2018 0:45 | 1392300 | 118.879 | 20.384 | 267.787 | 38841.941 | 42597.695 | 27.682 | 28.966 | 25.745 | 1.019 |
| 9/22/2018 1:00 | 1393200 | 118.86 | 20.383 | 267.744 | 38816.82 | 42570.531 | 27.663 | 28.948 | 25.762 | 1.019 |
| 9/22/2018 1:15 | 1394100 | 118.858 | 20.38 | 267.739 | 38826.375 | 42584.449 | 27.673 | 28.957 | 25.756 | 1.019 |
| 9/22/2018 1:30 | 1395000 | 118.818 | 20.381 | 267.648 | 38836.246 | 42593.793 | 27.68 | 28.964 | 25.749 | 1.019 |
| 9/22/2018 1:45 | 1395900 | 118.792 | 20.382 | 267.591 | 38820.141 | 42575.031 | 27.666 | 28.951 | 25.76 | 1.019 |
| 9/22/2018 2:00 | 1396800 | 118.777 | 20.385 | 267.557 | 38800.848 | 42552.004 | 27.649 | 28.935 | 25.773 | 1.019 |
| 9/22/2018 2:15 | 1397700 | 118.752 | 20.384 | 267.5 | 38827.684 | 42581.902 | 27.671 | 28.956 | 25.755 | 1.019 |
| 9/22/2018 2:30 | 1398600 | 118.732 | 20.385 | 267.455 | 38782.297 | 42531.199 | 27.634 | 28.921 | 25.785 | 1.019 |
| 9/22/2018 2:45 | 1399500 | 118.719 | 20.386 | 267.426 | 38836.023 | 42588.871 | 27.676 | 28.96 | 25.749 | 1.019 |
| 9/22/2018 3:00 | 1400400 | 118.701 | 20.386 | 267.386 | 38822.648 | 42574.277 | 27.666 | 28.951 | 25.758 | 1.019 |
| 9/22/2018 3:15 | 1401300 | 118.679 | 20.387 | 267.336 | 38827.352 | 42578.895 | 27.669 | 28.954 | 25.755 | 1.019 |
| 9/22/2018 3:30 | 1402200 | 118.671 | 20.383 | 267.319 | 38802.926 | 42555.613 | 27.652 | 28.938 | 25.771 | 1.019 |
| 9/22/2018 3:45 | 1403100 | 118.649 | 20.382 | 267.268 | 38814.676 | 42569.359 | 27.662 | 28.947 | 25.763 | 1.019 |
| 9/22/2018 4:00 | 1404000 | 118.632 | 20.38 | 267.23 | 38812.363 | 42568.301 | 27.661 | 28.946 | 25.765 | 1.019 |
| 9/22/2018 4:15 | 1404900 | 118.619 | 20.381 | 267.201 | 38801.375 | 42556.008 | 27.652 | 28.938 | 25.772 | 1.019 |
| 9/22/2018 4:30 | 1405800 | 118.619 | 20.383 | 267.201 | 38815.855 | 42570.176 | 27.662 | 28.948 | 25.763 | 1.019 |
| 9/22/2018 4:45 | 1406700 | 118.607 | 20.381 | 267.174 | 38820.789 | 42576.684 | 27.667 | 28.952 | 25.759 | 1.019 |
| 9/22/2018 5:00 | 1407600 | 118.613 | 20.38 | 267.188 | 38790.867 | 42545.504 | 27.645 | 28.931 | 25.779 | 1.019 |
| 9/22/2018 5:15 | 1408500 | 118.604 | 20.38 | 267.167 | 38783 | 42536.555 | 27.638 | 28.925 | 25.784 | 1.019 |
| 9/22/2018 5:30 | 1409400 | 118.606 | 20.384 | 267.172 | 38809.504 | 42561.891 | 27.657 | 28.942 | 25.767 | 1.019 |
| 9/22/2018 5:45 | 1410300 | 118.609 | 20.384 | 267.179 | 38812.309 | 42565.117 | 27.659 | 28.944 | 25.765 | 1.019 |
| 9/22/2018 6:00 | 1411200 | 118.613 | 20.384 | 267.188 | 38828.82 | 42583.461 | 27.672 | 28.957 | 25.754 | 1.019 |
| 9/22/2018 6:15 | 1412100 | 118.628 | 20.383 | 267.222 | 38797.512 | 42549.754 | 27.648 | 28.934 | 25.775 | 1.019 |
| 9/22/2018 6:30 | 1413000 | 118.634 | 20.382 | 267.234 | 38826.301 | 42582.57 | 27.671 | 28.956 | 25.756 | 1.019 |
| 9/22/2018 6:45 | 1413900 | 118.654 | 20.38 | 267.281 | 38806.91 | 42562.945 | 27.657 | 28.943 | 25.769 | 1.019 |
| 9/22/2018 7:00 | 1414800 | 118.663 | 20.38 | 267.299 | 38798.129 | 42552.688 | 27.65 | 28.936 | 25.774 | 1.019 |
| 9/22/2018 7:15 | 1415700 | 118.685 | 20.381 | 267.35 | 38810.047 | 42565.602 | 27.659 | 28.945 | 25.767 | 1.019 |
| 9/22/2018 7:30 | 1416600 | 118.699 | 20.38 | 267.381 | 38834.504 | 42592.582 | 27.679 | 28.963 | 25.75 | 1.019 |
| 9/22/2018 7:45 | 1417500 | 118.717 | 20.38 | 267.421 | 38810.012 | 42566.258 | 27.66 | 28.945 | 25.767 | 1.019 |
| 9/22/2018 8:00 | 1418400 | 118.73 | 20.381 | 267.452 | 38803.887 | 42558.301 | 27.654 | 28.94 | 25.771 | 1.019 |
| 9/22/2018 8:15 | 1419300 | 118.751 | 20.382 | 267.497 | 38818.48 | 42573.441 | 27.665 | 28.95 | 25.761 | 1.019 |
| 9/22/2018 8:30 | 1420200 | 118.762 | 20.384 | 267.523 | 38806.609 | 42558.398 | 27.654 | 28.94 | 25.769 | 1.019 |
| 9/22/2018 8:45 | 1421100 | 118.787 | 20.381 | 267.579 | 38782.457 | 42534.797 | 27.637 | 28.924 | 25.785 | 1.019 |
| 9/22/2018 9:00 | 1422000 | 118.804 | 20.38 | 267.617 | 38837.992 | 42596.797 | 27.682 | 28.966 | 25.748 | 1.019 |
| 9/22/2018 9:15 | 1422900 | 118.823 | 20.379 | 267.66 | 38817.215 | 42574.633 | 27.666 | 28.951 | 25.762 | 1.019 |
| 9/22/2018 9:30 | 1423800 | 118.845 | 20.378 | 267.71 | 38795.918 | 42552.059 | 27.649 | 28.935 | 25.776 | 1.019 |
| 9/22/2018 9:45 | 1424700 | 118.862 | 20.38 | 267.749 | 38798.824 | 42554.074 | 27.651 | 28.937 | 25.774 | 1.019 |
| 9/22/2018 10:00 | 1425600 | 118.868 | 20.379 | 267.761 | 38800.66 | 42557.102 | 27.653 | 28.939 | 25.773 | 1.019 |
| 9/22/2018 10:15 | 1426500 | 118.882 | 20.38 | 267.793 | 38787.559 | 42541.332 | 27.642 | 28.928 | 25.781 | 1.019 |
| 9/22/2018 10:30 | 1427400 | 118.895 | 20.38 | 267.824 | 38790.125 | 42544.766 | 27.644 | 28.928 | 25.78 | 1.019 |
| 9/22/2018 10:45 | 1428300 | 118.902 | 20.38 | 267.838 | 38810.813 | 42567.379 | 27.66 | 28.946 | 25.766 | 1.019 |
| 9/22/2018 11:00 | 1429200 | 118.91 | 20.382 | 267.856 | 38818.449 | 42573.406 | 27.665 | 28.95 | 25.761 | 1.019 |
| 9/22/2018 11:15 | 1430100 | 118.914 | 20.382 | 267.866 | 38847.543 | 42605.316 | 27.688 | 28.972 | 25.742 | 1.019 |
| 9/22/2018 11:30 | 1431000 | 118.915 | 20.383 | 267.867 | 38805.219 | 42558.512 | 27.654 | 28.94 | 25.77 | 1.019 |
| 9/22/2018 11:45 | 1431900 | 118.918 | 20.383 | 267.874 | 38819.945 | 42574.738 | 27.666 | 28.951 | 25.76 | 1.019 |
| 9/22/2018 12:00</ | | | | | | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/23/2018 10:45 | 1514700 | 118.954 | 20.384 | 267.955 | 38810.113 | 42562.871 | 27.657 | 28.943 | 25.766 | 1.019 |
| 9/23/2018 11:00 | 1515600 | 118.948 | 20.385 | 267.942 | 38796.008 | 42546.621 | 27.646 | 28.932 | 25.776 | 1.019 |
| 9/23/2018 11:15 | 1516500 | 118.956 | 20.384 | 267.96 | 38839.742 | 42595.285 | 27.681 | 28.965 | 25.747 | 1.019 |
| 9/23/2018 11:30 | 1517400 | 118.964 | 20.383 | 267.977 | 38807.68 | 42561.133 | 27.656 | 28.942 | 25.768 | 1.019 |
| 9/23/2018 11:45 | 1518300 | 118.974 | 20.385 | 268 | 38821.371 | 42574.512 | 27.666 | 28.951 | 25.759 | 1.019 |
| 9/23/2018 12:00 | 1519200 | 118.973 | 20.384 | 267.987 | 38810.637 | 42562.884 | 27.657 | 28.943 | 25.766 | 1.019 |
| 9/23/2018 12:15 | 1520100 | 118.973 | 20.382 | 267.987 | 38798.262 | 42551.035 | 27.649 | 28.935 | 25.774 | 1.019 |
| 9/23/2018 12:30 | 1521000 | 118.967 | 20.383 | 267.985 | 38806.707 | 42559.68 | 27.655 | 28.941 | 25.769 | 1.019 |
| 9/23/2018 12:45 | 1521900 | 118.965 | 20.385 | 267.988 | 38807.848 | 42558.98 | 27.655 | 28.94 | 25.768 | 1.019 |
| 9/23/2018 13:00 | 1522800 | 118.954 | 20.384 | 267.955 | 38804.441 | 42556.57 | 27.653 | 28.938 | 25.77 | 1.019 |
| 9/23/2018 13:15 | 1523700 | 118.948 | 20.386 | 267.942 | 38812.891 | 42563.578 | 27.658 | 28.943 | 25.765 | 1.019 |
| 9/23/2018 13:30 | 1524600 | 118.931 | 20.385 | 267.904 | 38798.238 | 42548.367 | 27.647 | 28.933 | 25.774 | 1.019 |
| 9/23/2018 13:45 | 1525500 | 118.934 | 20.383 | 267.912 | 38808.789 | 42561.965 | 27.657 | 28.942 | 25.767 | 1.019 |
| 9/23/2018 14:00 | 1526400 | 118.915 | 20.385 | 267.867 | 38826.504 | 42579.754 | 27.67 | 28.954 | 25.756 | 1.019 |
| 9/23/2018 14:15 | 1527300 | 118.913 | 20.385 | 267.862 | 38802.258 | 42553.551 | 27.651 | 28.936 | 25.772 | 1.019 |
| 9/23/2018 14:30 | 1528200 | 118.895 | 20.388 | 267.822 | 38834.879 | 42586.207 | 27.674 | 28.959 | 25.75 | 1.019 |
| 9/23/2018 14:45 | 1529100 | 118.887 | 20.387 | 267.805 | 38828.625 | 42580.676 | 27.67 | 28.955 | 25.754 | 1.019 |
| 9/23/2018 15:00 | 1530000 | 118.865 | 20.387 | 267.755 | 38823.848 | 42575.051 | 27.666 | 28.951 | 25.757 | 1.019 |
| 9/23/2018 15:15 | 1530900 | 118.86 | 20.388 | 267.744 | 38800.324 | 42548.313 | 27.647 | 28.933 | 25.773 | 1.019 |
| 9/23/2018 15:30 | 1531800 | 118.84 | 20.391 | 267.698 | 38817.723 | 42564.504 | 27.659 | 28.944 | 25.761 | 1.019 |
| 9/23/2018 15:45 | 1532700 | 118.835 | 20.391 | 267.688 | 38833.414 | 42581.559 | 27.671 | 28.955 | 25.751 | 1.019 |
| 9/23/2018 16:00 | 1533600 | 118.825 | 20.392 | 267.665 | 38829.418 | 42576.945 | 27.668 | 28.952 | 25.754 | 1.019 |
| 9/23/2018 16:15 | 1534500 | 118.822 | 20.388 | 267.658 | 38795.613 | 42543.617 | 27.643 | 28.93 | 25.776 | 1.019 |
| 9/23/2018 16:30 | 1535400 | 118.81 | 20.387 | 267.632 | 38809.273 | 42558.902 | 27.655 | 28.94 | 25.767 | 1.019 |
| 9/23/2018 16:45 | 1536300 | 118.806 | 20.388 | 267.621 | 38809.504 | 42558.543 | 27.654 | 28.94 | 25.767 | 1.019 |
| 9/23/2018 17:00 | 1537200 | 118.802 | 20.389 | 267.612 | 38802.316 | 42550.105 | 27.648 | 28.934 | 25.772 | 1.019 |
| 9/23/2018 17:15 | 1538100 | 118.804 | 20.389 | 267.619 | 38817.898 | 42566.496 | 27.66 | 28.945 | 25.761 | 1.019 |
| 9/23/2018 17:30 | 1539000 | 118.799 | 20.388 | 267.607 | 38806.418 | 42554.84 | 27.652 | 28.937 | 25.769 | 1.019 |
| 9/23/2018 17:45 | 1539900 | 118.804 | 20.384 | 267.619 | 38806.535 | 42558.785 | 27.654 | 28.94 | 25.769 | 1.019 |
| 9/23/2018 18:00 | 1540800 | 118.808 | 20.382 | 267.627 | 38815.922 | 42571.105 | 27.663 | 28.948 | 25.763 | 1.019 |
| 9/23/2018 18:15 | 1541700 | 118.818 | 20.383 | 267.649 | 38807.668 | 42560.496 | 27.656 | 28.941 | 25.768 | 1.019 |
| 9/23/2018 18:30 | 1542600 | 118.828 | 20.383 | 267.671 | 38787.883 | 42539.273 | 27.64 | 28.927 | 25.781 | 1.019 |
| 9/23/2018 18:45 | 1543500 | 118.833 | 20.384 | 267.682 | 38790.82 | 42541.324 | 27.642 | 28.928 | 25.779 | 1.019 |
| 9/23/2018 19:00 | 1544400 | 118.854 | 20.381 | 267.731 | 38802.82 | 42557.051 | 27.653 | 28.939 | 25.771 | 1.019 |
| 9/23/2018 19:15 | 1545300 | 118.859 | 20.382 | 267.742 | 38854.629 | 42614.813 | 27.695 | 28.978 | 25.737 | 1.019 |
| 9/23/2018 19:30 | 1546200 | 118.885 | 20.388 | 267.8 | 38820.199 | 42575.57 | 27.666 | 28.951 | 25.76 | 1.019 |
| 9/23/2018 19:45 | 1547100 | 118.89 | 20.382 | 267.812 | 38811.301 | 42565.496 | 27.659 | 28.945 | 25.766 | 1.019 |
| 9/23/2018 20:00 | 1548000 | 118.911 | 20.383 | 267.858 | 38835.668 | 42591.68 | 27.678 | 28.962 | 25.75 | 1.019 |
| 9/23/2018 20:15 | 1548900 | 118.934 | 20.384 | 267.912 | 38811.391 | 42564.348 | 27.658 | 28.944 | 25.766 | 1.019 |
| 9/23/2018 20:30 | 1549800 | 118.947 | 20.376 | 267.939 | 38799.199 | 42557.453 | 27.653 | 28.939 | 25.774 | 1.019 |
| 9/23/2018 20:45 | 1550700 | 118.967 | 20.377 | 267.985 | 38821.285 | 42581.129 | 27.67 | 28.955 | 25.759 | 1.019 |
| 9/23/2018 21:00 | 1551600 | 118.99 | 20.377 | 268.036 | 38808.094 | 42566.813 | 27.66 | 28.945 | 25.768 | 1.019 |
| 9/23/2018 21:15 | 1552500 | 119 | 20.378 | 268.059 | 38808.07 | 42566.082 | 27.659 | 28.945 | 25.768 | 1.019 |
| 9/23/2018 21:30 | 1553400 | 119.029 | 20.384 | 268.124 | 38790.742 | 42541.242 | 27.642 | 28.928 | 25.779 | 1.019 |
| 9/23/2018 21:45 | 1554300 | 119.035 | 20.382 | 268.137 | 38814.008 | 42568.391 | 27.661 | 28.947 | 25.764 | 1.019 |
| 9/23/2018 22:00 | 1555200 | 119.047 | 20.381 | 268.165 | 38812.242 | 42567.926 | 27.661 | 28.946 | 25.765 | 1.019 |
| 9/23/2018 22:15 | 1556100 | 119.059 | 20.38 | 268.191 | 38822.02 | 42579.203 | 27.669 | 28.954 | 25.759 | 1.019 |
| 9/23/2018 22:30 | 1557000 | 119.07 | 20.382 | 268.216 | 38816.441 | 42571.133 | 27.663 | 28.948 | 25.762 | 1.019 |
| 9/23/2018 22:45 | 1557900 | 119.08 | 20.382 | 268.239 | 38825.242 | 42580.785 | 27.67 | 28.955 | 25.756 | 1.019 |
| 9/23/2018 23:00 | 1558800 | 119.088 | 20.383 | 268.256 | 38802.715 | 42555.688 | 27.652 | 28.938 | 25.771 | 1.019 |
| 9/23/2018 23:15 | 1559700 | 119.092 | 20.383 | 268.267 | 38804.715 | 42557.258 | 27.653 | 28.939 | 25.77 | 1.019 |
| 9/23/2018 23:30 | 1560600 | 119.101 | 20.385 | 268.287 | 38808.43 | 42559.855 | 27.655 | 28.941 | 25.768 | 1.019 |
| 9/23/2018 23:45 | 1561500 | 119.088 | 20.384 | 268.256 | 38824.129 | 42578.316 | 27.668 | 28.953 | 25.757 | 1.019 |
| 9/24/2018 0:00 | 1562400 | 119.092 | 20.386 | 268.267 | 38815.098 | 42566.617 | 27.66 | 28.945 | 25.763 | 1.019 |
| 9/24/2018 0:15 | 1563300 | 119.078 | 20.384 | 268.236 | 38803.348 | 42555.215 | 27.652 | 28.938 | 25.771 | 1.019 |
| 9/24/2018 0:30 | 1564200 | 119.064 | 20.384 | 268.204 | 38804.988 | 42556.789 | 27.653 | 28.939 | 25.77 | 1.019 |
| 9/24/2018 0:45 | 1565100 | 119.063 | 20.385 | 268.201 | 38813.023 | 42565.355 | 27.659 | 28.944 | 25.765 | 1.019 |
| 9/24/2018 1:00 | 1566000 | 119.048 | 20.384 | 268.168 | 38814.793 | 42568.004 | 27.661 | 28.946 | 25.763 | 1.019 |
| 9/24/2018 1:15 | 1566900 | 119.035 | 20.382 | 268.137 | 38806.168 | 42559.867 | 27.655 | 28.941 | 25.769 | 1.019 |
| 9/24/2018 1:30 | 1567800 | 119.02 | 20.383 | 268.104 | 38815.547 | 42569.762 | 27.662 | 28.947 | 25.763 | 1.019 |
| 9/24/2018 1:45 | 1568700 | 119.005 | 20.382 | 268.07 | 38803.164 | 42557.113 | 27.653 | 28.939 | 25.771 | 1.019 |
| 9/24/2018 2:00 | 1569600 | 118.981 | 20.382 | 268.015 | 38811.746 | 42565.91 | 27.659 | 28.945 | 25.765 | 1.019 |
| 9/24/2018 2:15 | 1570500 | 118.965 | 20.384 | 267.98 | 38796.227 | 42547.715 | 27.646 | 28.932 | 25.776 | 1.019 |
| 9/24/2018 2:30 | 1571400 | 118.939 | 20.382 | 267.921 | 38817.258 | 42572.422 | 27.664 | 28.949 | 25.762 | 1.019 |
| 9/24/2018 2:45 | 1572300 | 118.919 | 20.382 | 267.876 | 38810.504 | 42564.621 | 27.658 | 28.944 | 25.766 | 1.019 |
| 9/24/2018 3:00 | 1573200 | 118.891 | 20.385 | 267.815 | 38801.402 | 42552.613 | 27.65 | 28.936 | 25.772 | 1.019 |
| 9/24/2018 3:15 | 1574100 | 118.882 | 20.385 | 267.793 | 38822.52 | 42575.539 | 27.666 | 28.951 | 25.758 | 1.019 |
| 9/24/2018 3:30 | 1575000 | 118.863 | 20.384 | 267.751 | 38841.469 | 42596.797 | 27.682 | 28.966 | 25.746 | 1.019 |
| 9/24/2018 3:45 | 1575900 | 118.837 | 20.383 | 267.692 | 38806.484 | 42558.184 | 27.654 | 28.94 | 25.769 | 1.019 |
| 9/24/2018 4:00 | 1576800 | 118.823 | 20.385 | 267.66 | 38787.016 | 42537.848 | 27.639 | 28.926 | 25.782 | 1.019 |
| 9/24/2018 4:15 | 1577700 | 118.804 | 20.385 | 267.619 | 38784.641 | 42533.527 | 27.636 | 28.923 | 25.783 | 1.019 |
| 9/24/2018 4:30 | 1578600 | 118.786 | 20.379 | 267.577 | 38802.867 | 42559.359 | 27.653 | 28.94 | 25.771 | 1.019 |
| 9/24/2018 4:45 | 1579500 | 118.781 | 20.384 | 267.566 | 38805.121 | 42557.316 | 27.653 | 28.939 | 25.77 | 1.019 |
| 9/24/2018 5:00 | 1580400 | 118.769 | 20.382 | 267.538 | 38827.719 | 42583.664 | 27.672 | 28.957 | 25.755 | 1.019 |
| 9/24/2018 5:15 | 1581300 | 118.754 | 20.385 | 267.506 | 38839.152 | 42593.309 | 27.679 | 28.963 | 25.747 | 1.019 |
| 9/24/2018 5:30 | 1582200 | 118.752 | 20.387 | 267.5 | 38850.484 | 42604.41 | 27.687 | 28.971 | 25.74 | 1.019 |
| 9/24/2018 5:45 | 1583100 | 118.744 | 20.388 | 267.482 | 38813.281 | 42562.211 | 27.657 | 28.942 | 25.764 | 1.019 |
| 9/24/2018 6:00 | 1584000 | 118.742 | 20.388 | 267.478 | 38823.156 | 42573.195 | 27.665 | 28.95 | 25.758 | 1.019 |
| 9/24/2018 6:15 | 1584900 | 118.738 | 20.386 | 267.468 | 38798.934 | 42548.27 | 27.647 | 28.933 | 25.774 | 1.019 |
| 9/24/2018 6:30 | 1585800 | 118.744 | 20.382 | 267.482 | 38817.57 | 42572.914 | 27.664 | 28.95 | 25.762 | 1.019 |
| 9/24/2018 6:45 | 1586700 | 118.761 | 20.386 | 267.521 | 38802.383 | 42552.836 | 27.65 | 28.936 | 25.772 | 1.019 |
| 9/24/2018 7:00 | 1587600 | 118.757 | 20.385 | 267.512 | 38824.531 | 42577.355 | 27.668 | 28.953 | 25.757 | 1.019 |
| 9/24/2018 7:15 | 1588500 | 118.767 | 20.386 | 267.533 | 38816.172 | 42567.414 | 27.661 | 28.946 | 25.762 | 1.019 |
| 9/24/2018 7:30 | 1589400 | 118.783 | 20.386 | 267.571 | 38807.898 | 42558.027 | 27.654 | 28.939 | 25.768 | 1.019 |
| 9/24/2018 7:45 | 1590300 | 118.794 | 20.384 | 267.596 | 38834.016 | 42588.699 | 27.676 | 28.96 | 25.751 | 1.019 |
| 9/24/2018 8:00 | 1591200 | 118.823 | 20.383 | 267.66 | 38793.629 | 42545.574 | 27.645 | 28.931 | 25.777 | 1.019 |
| 9/24/2018 8:15 | 1592100 | 118.825 | 20.381 | 267.665 | 38806.602 | 42561.367 | 27.656 | 28.942 | 25.769 | 1.019 |
| 9/24/2 | | | | | | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/25/2018 7:15 | 1674900 | 118.8 | 20.389 | 267.609 | 38811.246 | 42559.352 | 27.655 | 28.94 | 25.766 | 1.019 |
| 9/25/2018 7:30 | 1675800 | 118.811 | 20.388 | 267.634 | 38776.918 | 42522.961 | 27.629 | 28.916 | 25.789 | 1.019 |
| 9/25/2018 7:45 | 1676700 | 118.807 | 20.388 | 267.625 | 38801.637 | 42549.754 | 27.648 | 28.934 | 25.772 | 1.019 |
| 9/25/2018 8:00 | 1677600 | 118.833 | 20.387 | 267.682 | 38796.383 | 42548.948 | 27.644 | 28.93 | 25.776 | 1.019 |
| 9/25/2018 8:15 | 1678500 | 118.837 | 20.388 | 267.693 | 38794.871 | 42542.336 | 27.643 | 28.929 | 25.777 | 1.019 |
| 9/25/2018 8:30 | 1679400 | 118.86 | 20.384 | 267.744 | 38806.066 | 42538.352 | 27.654 | 28.94 | 25.769 | 1.019 |
| 9/25/2018 8:45 | 1680300 | 118.864 | 20.384 | 267.753 | 38810.422 | 42562.898 | 27.657 | 28.943 | 25.766 | 1.019 |
| 9/25/2018 9:00 | 1681200 | 118.892 | 20.386 | 267.817 | 38807.938 | 42558.926 | 27.654 | 28.94 | 25.768 | 1.019 |
| 9/25/2018 9:15 | 1682100 | 118.907 | 20.384 | 267.85 | 38806.285 | 42558.438 | 27.654 | 28.94 | 25.769 | 1.019 |
| 9/25/2018 9:30 | 1683000 | 118.93 | 20.386 | 267.901 | 38810.941 | 42561.828 | 27.657 | 28.942 | 25.766 | 1.019 |
| 9/25/2018 9:45 | 1683900 | 118.949 | 20.386 | 267.944 | 38818.891 | 42570.395 | 27.663 | 28.948 | 25.761 | 1.019 |
| 9/25/2018 10:00 | 1684800 | 118.961 | 20.387 | 267.972 | 38814.344 | 42564.777 | 27.659 | 28.944 | 25.764 | 1.019 |
| 9/25/2018 10:15 | 1685700 | 118.979 | 20.384 | 268.012 | 38808.797 | 42560.965 | 27.656 | 28.941 | 25.767 | 1.019 |
| 9/25/2018 10:30 | 1686600 | 118.995 | 20.383 | 268.048 | 38805.375 | 42558.301 | 27.654 | 28.94 | 25.77 | 1.019 |
| 9/25/2018 10:45 | 1687500 | 119.015 | 20.381 | 268.093 | 38823.73 | 42580.527 | 27.67 | 28.955 | 25.757 | 1.019 |
| 9/25/2018 11:00 | 1688400 | 119.015 | 20.384 | 268.093 | 38795.469 | 42546.574 | 27.646 | 28.932 | 25.776 | 1.019 |
| 9/25/2018 11:15 | 1689300 | 119.029 | 20.385 | 268.124 | 38836.387 | 42590.668 | 27.677 | 28.962 | 25.749 | 1.019 |
| 9/25/2018 11:30 | 1690200 | 119.048 | 20.383 | 268.168 | 38802.176 | 42555.098 | 27.652 | 28.937 | 25.772 | 1.019 |
| 9/25/2018 11:45 | 1691100 | 119.059 | 20.381 | 268.191 | 38828.676 | 42585.488 | 27.674 | 28.958 | 25.754 | 1.019 |
| 9/25/2018 12:00 | 1692000 | 119.056 | 20.383 | 268.186 | 38806.652 | 42559.547 | 27.655 | 28.94 | 25.769 | 1.019 |
| 9/25/2018 12:15 | 1692900 | 119.059 | 20.384 | 268.191 | 38828.004 | 42581.859 | 27.671 | 28.956 | 25.755 | 1.019 |
| 9/25/2018 12:30 | 1693800 | 119.066 | 20.384 | 268.209 | 38800.621 | 42552 | 27.649 | 28.935 | 25.773 | 1.019 |
| 9/25/2018 12:45 | 1694700 | 119.075 | 20.385 | 268.228 | 38794.148 | 42544.195 | 27.644 | 28.93 | 25.777 | 1.019 |
| 9/25/2018 13:00 | 1695600 | 119.064 | 20.385 | 268.204 | 38832.883 | 42586.902 | 27.675 | 28.959 | 25.751 | 1.019 |
| 9/25/2018 13:15 | 1696500 | 119.065 | 20.384 | 268.206 | 38805.852 | 42558.273 | 27.654 | 28.94 | 25.769 | 1.019 |
| 9/25/2018 13:30 | 1697400 | 119.056 | 20.385 | 268.184 | 38834.047 | 42588.262 | 27.676 | 28.96 | 25.751 | 1.019 |
| 9/25/2018 13:45 | 1698300 | 119.056 | 20.385 | 268.186 | 38815.547 | 42567.422 | 27.661 | 28.946 | 25.763 | 1.019 |
| 9/25/2018 14:00 | 1699200 | 119.044 | 20.385 | 268.159 | 38809.957 | 42561.918 | 27.657 | 28.942 | 25.767 | 1.019 |
| 9/25/2018 14:15 | 1700100 | 119.031 | 20.385 | 268.129 | 38813.598 | 42565.363 | 27.659 | 28.944 | 25.764 | 1.019 |
| 9/25/2018 14:30 | 1701000 | 119.017 | 20.387 | 268.098 | 38813.074 | 42563.313 | 27.658 | 28.943 | 25.765 | 1.019 |
| 9/25/2018 14:45 | 1701900 | 119.005 | 20.385 | 268.07 | 38815.832 | 42568.125 | 27.661 | 28.946 | 25.763 | 1.019 |
| 9/25/2018 15:00 | 1702800 | 118.986 | 20.385 | 268.027 | 38835.328 | 42589.504 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/25/2018 15:15 | 1703700 | 118.974 | 20.383 | 268 | 38782.441 | 42533.531 | 27.636 | 28.923 | 25.785 | 1.019 |
| 9/25/2018 15:30 | 1704600 | 118.954 | 20.384 | 267.955 | 38824.383 | 42578.059 | 27.668 | 28.953 | 25.757 | 1.019 |
| 9/25/2018 15:45 | 1705500 | 118.936 | 20.386 | 267.915 | 38802.703 | 42552.719 | 27.65 | 28.936 | 25.771 | 1.019 |
| 9/25/2018 16:00 | 1706400 | 118.928 | 20.387 | 267.896 | 38817.57 | 42568.391 | 27.661 | 28.947 | 25.762 | 1.019 |
| 9/25/2018 16:15 | 1707300 | 118.907 | 20.388 | 267.85 | 38795.184 | 42542.445 | 27.643 | 28.929 | 25.776 | 1.019 |
| 9/25/2018 16:30 | 1708200 | 118.886 | 20.393 | 267.803 | 38790.582 | 42533.113 | 27.636 | 28.923 | 25.779 | 1.019 |
| 9/25/2018 16:45 | 1709100 | 118.873 | 20.388 | 267.773 | 38800.707 | 42548.504 | 27.647 | 28.933 | 25.773 | 1.019 |
| 9/25/2018 17:00 | 1710000 | 118.86 | 20.386 | 267.744 | 38809.547 | 42559.984 | 27.655 | 28.941 | 25.767 | 1.019 |
| 9/25/2018 17:15 | 1710900 | 118.854 | 20.387 | 267.731 | 38806.461 | 42556.371 | 27.653 | 28.938 | 25.769 | 1.019 |
| 9/25/2018 17:30 | 1711800 | 118.83 | 20.387 | 267.677 | 38809.043 | 42558.574 | 27.654 | 28.94 | 25.767 | 1.019 |
| 9/25/2018 17:45 | 1712700 | 118.828 | 20.386 | 267.671 | 38804.082 | 42553.844 | 27.651 | 28.937 | 25.77 | 1.019 |
| 9/25/2018 18:00 | 1713600 | 118.828 | 20.385 | 267.671 | 38804.52 | 42555.328 | 27.652 | 28.938 | 25.77 | 1.019 |
| 9/25/2018 18:15 | 1714500 | 118.816 | 20.386 | 267.644 | 38816.66 | 42567.949 | 27.661 | 28.946 | 25.762 | 1.019 |
| 9/25/2018 18:30 | 1715400 | 118.808 | 20.388 | 267.627 | 38812.512 | 42561.98 | 27.657 | 28.942 | 25.765 | 1.019 |
| 9/25/2018 18:45 | 1716300 | 118.816 | 20.386 | 267.646 | 38828.453 | 42581.031 | 27.67 | 28.955 | 25.754 | 1.019 |
| 9/25/2018 19:00 | 1717200 | 118.806 | 20.39 | 267.621 | 38832.926 | 42581.965 | 27.671 | 28.956 | 25.751 | 1.019 |
| 9/25/2018 19:15 | 1718100 | 118.812 | 20.39 | 267.636 | 38796.313 | 42541.816 | 27.642 | 28.928 | 25.776 | 1.019 |
| 9/25/2018 19:30 | 1719000 | 118.812 | 20.392 | 267.636 | 38833.613 | 42581.547 | 27.671 | 28.955 | 25.751 | 1.019 |
| 9/25/2018 19:45 | 1719900 | 118.83 | 20.389 | 267.676 | 38821.793 | 42570.77 | 27.663 | 28.948 | 25.759 | 1.019 |
| 9/25/2018 20:00 | 1720800 | 118.828 | 20.39 | 267.671 | 38814.457 | 42562.414 | 27.657 | 28.942 | 25.764 | 1.019 |
| 9/25/2018 20:15 | 1721700 | 118.86 | 20.389 | 267.744 | 38829.121 | 42579.125 | 27.669 | 28.954 | 25.754 | 1.019 |
| 9/25/2018 20:30 | 1722600 | 118.864 | 20.39 | 267.753 | 38802.176 | 42548.555 | 27.647 | 28.933 | 25.772 | 1.019 |
| 9/25/2018 20:45 | 1723500 | 118.883 | 20.387 | 267.796 | 38833.219 | 42585.012 | 27.673 | 28.958 | 25.751 | 1.019 |
| 9/25/2018 21:00 | 1724400 | 118.897 | 20.384 | 267.826 | 38799.41 | 42551.285 | 27.649 | 28.935 | 25.774 | 1.019 |
| 9/25/2018 21:15 | 1725300 | 118.912 | 20.389 | 267.861 | 38813.609 | 42562.414 | 27.657 | 28.942 | 25.764 | 1.019 |
| 9/25/2018 21:30 | 1726200 | 118.928 | 20.388 | 267.896 | 38805.605 | 42553.793 | 27.651 | 28.937 | 25.769 | 1.019 |
| 9/25/2018 21:45 | 1727100 | 118.957 | 20.386 | 267.963 | 38808.418 | 42558.91 | 27.654 | 28.94 | 25.768 | 1.019 |
| 9/25/2018 22:00 | 1728000 | 118.974 | 20.384 | 268 | 38829.711 | 42584.516 | 27.673 | 28.957 | 25.753 | 1.019 |
| 9/25/2018 22:15 | 1728900 | 118.988 | 20.386 | 268.032 | 38822.117 | 42574.477 | 27.666 | 28.951 | 25.759 | 1.019 |
| 9/25/2018 22:30 | 1729800 | 119.003 | 20.386 | 268.066 | 38823.766 | 42575.895 | 27.667 | 28.952 | 25.757 | 1.019 |
| 9/25/2018 22:45 | 1730700 | 119.023 | 20.386 | 268.112 | 38816.418 | 42567.914 | 27.661 | 28.946 | 25.762 | 1.019 |
| 9/25/2018 23:00 | 1731600 | 119.03 | 20.386 | 268.127 | 38832.168 | 42584.875 | 27.673 | 28.958 | 25.752 | 1.019 |
| 9/25/2018 23:15 | 1732500 | 119.044 | 20.389 | 268.159 | 38823.871 | 42573.52 | 27.665 | 28.95 | 25.757 | 1.019 |
| 9/25/2018 23:30 | 1733400 | 119.066 | 20.387 | 268.209 | 38807.563 | 42556.797 | 27.653 | 28.939 | 25.768 | 1.019 |
| 9/25/2018 23:45 | 1734300 | 119.067 | 20.39 | 268.211 | 38842.363 | 42592.863 | 27.679 | 28.963 | 25.745 | 1.019 |
| 9/26/2018 0:00 | 1735200 | 119.081 | 20.387 | 268.241 | 38802.02 | 42550.801 | 27.649 | 28.935 | 25.772 | 1.019 |
| 9/26/2018 0:15 | 1736100 | 119.089 | 20.386 | 268.259 | 38806.883 | 42557.305 | 27.653 | 28.939 | 25.769 | 1.019 |
| 9/26/2018 0:30 | 1737000 | 119.092 | 20.387 | 268.267 | 38822.305 | 42573.672 | 27.665 | 28.95 | 25.758 | 1.019 |
| 9/26/2018 0:45 | 1737900 | 119.095 | 20.384 | 268.273 | 38803.664 | 42555.719 | 27.652 | 28.938 | 25.771 | 1.019 |
| 9/26/2018 1:00 | 1738800 | 119.096 | 20.386 | 268.275 | 38830.867 | 42583.91 | 27.673 | 28.957 | 25.753 | 1.019 |
| 9/26/2018 1:15 | 1739700 | 119.094 | 20.388 | 268.271 | 38821.441 | 42571.637 | 27.664 | 28.949 | 25.759 | 1.019 |
| 9/26/2018 1:30 | 1740600 | 119.091 | 20.385 | 268.264 | 38799.824 | 42550.344 | 27.648 | 28.934 | 25.773 | 1.019 |
| 9/26/2018 1:45 | 1741500 | 119.085 | 20.385 | 268.251 | 38778.594 | 42527.367 | 27.632 | 28.919 | 25.787 | 1.019 |
| 9/26/2018 2:00 | 1742400 | 119.073 | 20.384 | 268.224 | 38802.582 | 42554.688 | 27.651 | 28.937 | 25.771 | 1.019 |
| 9/26/2018 2:15 | 1743300 | 119.064 | 20.385 | 268.204 | 38808.332 | 42559.824 | 27.655 | 28.941 | 25.768 | 1.019 |
| 9/26/2018 2:30 | 1744200 | 119.056 | 20.383 | 268.184 | 38818.875 | 42573.336 | 27.665 | 28.95 | 25.761 | 1.019 |
| 9/26/2018 2:45 | 1745100 | 119.036 | 20.383 | 268.14 | 38801.02 | 42553.754 | 27.651 | 28.937 | 25.773 | 1.019 |
| 9/26/2018 3:00 | 1746000 | 119.021 | 20.382 | 268.107 | 38794.133 | 42547.371 | 27.646 | 28.932 | 25.777 | 1.019 |
| 9/26/2018 3:15 | 1746900 | 119.008 | 20.382 | 268.076 | 38810.16 | 42564.406 | 27.658 | 28.944 | 25.766 | 1.019 |
| 9/26/2018 3:30 | 1747800 | 118.996 | 20.384 | 268.049 | 38819.699 | 42573.609 | 27.665 | 28.95 | 25.76 | 1.019 |
| 9/26/2018 3:45 | 1748700 | 118.964 | 20.384 | 267.979 | 38822.59 | 42576.094 | 27.667 | 28.952 | 25.758 | 1.019 |
| 9/26/2018 4:00 | 1749600 | 118.955 | 20.384 | 267.958 | 38820.605 | 42574.141 | 27.665 | 28.95 | 25.76 | 1.019 |
| 9/26/2018 4:15 | 1750500 | 118.944 | 20.383 | 267.933 | 38810.59 | 42563.863 | 27.658 | 28.943 | 25.766 | 1.019 |
| 9/26/2018 4:30 | 1751400 | 118.917 | 20.383 | 267.872 | 38822.633 | 42577.684 | 27.668 | 28.953 | 25.758 | 1.019 |
| 9/26/2018 4:45 | 1752300 | 118.904 | 20.383 | 267.842 | 38807.984 | 42561.395 | 27.656 | 28.942 | 25.768 | 1.019 |
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| 9/27/2018 3:45 | 1835100 | 119.009 | 20.391 | 268.08 | 38823.488 | 42571.309 | 27.664 | 28.948 | 25.758 | 1.019 |
| 9/27/2018 4:00 | 1836000 | 118.986 | 20.389 | 268.027 | 38815.371 | 42563.57 | 27.658 | 28.943 | 25.763 | 1.019 |
| 9/27/2018 4:15 | 1836900 | 118.983 | 20.39 | 268.02 | 38819.441 | 42567.727 | 27.661 | 28.946 | 25.76 | 1.019 |
| 9/27/2018 4:30 | 1837800 | 118.971 | 20.388 | 267.993 | 38845.113 | 42596.418 | 27.682 | 28.966 | 25.743 | 1.019 |
| 9/27/2018 4:45 | 1838700 | 118.944 | 20.388 | 267.933 | 38845.559 | 42598.234 | 27.683 | 28.967 | 25.743 | 1.019 |
| 9/27/2018 5:00 | 1839600 | 118.936 | 20.385 | 267.915 | 38806.258 | 42597.625 | 27.654 | 28.939 | 25.769 | 1.019 |
| 9/27/2018 5:15 | 1840500 | 118.919 | 20.384 | 267.876 | 38853.023 | 42609.617 | 27.691 | 28.975 | 25.738 | 1.019 |
| 9/27/2018 5:30 | 1841400 | 118.897 | 20.387 | 267.827 | 38842.027 | 42594.902 | 27.681 | 28.965 | 25.745 | 1.019 |
| 9/27/2018 5:45 | 1842300 | 118.888 | 20.393 | 267.808 | 38811.246 | 42566.008 | 27.653 | 28.938 | 25.766 | 1.019 |
| 9/27/2018 6:00 | 1843200 | 118.872 | 20.389 | 267.771 | 38825.273 | 42574.504 | 27.666 | 28.951 | 25.756 | 1.019 |
| 9/27/2018 6:15 | 1844100 | 118.871 | 20.391 | 267.769 | 38828.613 | 42577.004 | 27.668 | 28.952 | 25.754 | 1.019 |
| 9/27/2018 6:30 | 1845000 | 118.855 | 20.39 | 267.732 | 38801.891 | 42548.559 | 27.647 | 28.933 | 25.772 | 1.019 |
| 9/27/2018 6:45 | 1845900 | 118.85 | 20.386 | 267.721 | 38810.629 | 42561.566 | 27.656 | 28.942 | 25.766 | 1.019 |
| 9/27/2018 7:00 | 1846800 | 118.846 | 20.388 | 267.712 | 38825.383 | 42575.875 | 27.667 | 28.952 | 25.756 | 1.019 |
| 9/27/2018 7:15 | 1847700 | 118.844 | 20.387 | 267.708 | 38841.863 | 42595.117 | 27.681 | 28.965 | 25.745 | 1.019 |
| 9/27/2018 7:30 | 1848600 | 118.842 | 20.387 | 267.703 | 38812.77 | 42562.902 | 27.657 | 28.943 | 25.765 | 1.019 |
| 9/27/2018 7:45 | 1849500 | 118.841 | 20.388 | 267.701 | 38796.953 | 42545.012 | 27.645 | 28.931 | 25.775 | 1.019 |
| 9/27/2018 8:00 | 1850400 | 118.849 | 20.389 | 267.719 | 38810.914 | 42558.684 | 27.654 | 28.94 | 25.766 | 1.019 |
| 9/27/2018 8:15 | 1851300 | 118.848 | 20.386 | 267.716 | 38783.195 | 42531.707 | 27.635 | 28.922 | 25.784 | 1.019 |
| 9/27/2018 8:30 | 1852200 | 118.86 | 20.388 | 267.744 | 38819.758 | 42569.543 | 27.662 | 28.947 | 25.76 | 1.019 |
| 9/27/2018 8:45 | 1853100 | 118.871 | 20.387 | 267.769 | 38802.547 | 42551.453 | 27.649 | 28.935 | 25.772 | 1.019 |
| 9/27/2018 9:00 | 1854000 | 118.877 | 20.387 | 267.783 | 38828.047 | 42579.34 | 27.669 | 28.954 | 25.755 | 1.019 |
| 9/27/2018 9:15 | 1854900 | 118.903 | 20.387 | 267.84 | 38845.137 | 42598.617 | 27.683 | 28.967 | 25.743 | 1.019 |
| 9/27/2018 9:30 | 1855800 | 118.914 | 20.386 | 267.866 | 38791.707 | 42540.816 | 27.641 | 28.928 | 25.779 | 1.019 |
| 9/27/2018 9:45 | 1856700 | 118.917 | 20.388 | 267.872 | 38840.586 | 42592.547 | 27.679 | 28.963 | 25.746 | 1.019 |
| 9/27/2018 10:00 | 1857600 | 118.941 | 20.387 | 267.927 | 38834.773 | 42586.719 | 27.675 | 28.959 | 25.75 | 1.019 |
| 9/27/2018 10:15 | 1858500 | 118.954 | 20.386 | 267.955 | 38793.16 | 42542.254 | 27.642 | 28.929 | 25.778 | 1.019 |
| 9/27/2018 10:30 | 1859400 | 118.974 | 20.386 | 268 | 38816.965 | 42568.664 | 27.662 | 28.947 | 25.762 | 1.019 |
| 9/27/2018 10:45 | 1860300 | 119.004 | 20.385 | 268.067 | 38819.422 | 42571.055 | 27.663 | 28.948 | 25.76 | 1.019 |
| 9/27/2018 11:00 | 1861200 | 119.014 | 20.386 | 268.091 | 38824.508 | 42577.949 | 27.668 | 28.953 | 25.757 | 1.019 |
| 9/27/2018 11:15 | 1862100 | 119.035 | 20.386 | 268.137 | 38821.074 | 42573.023 | 27.665 | 28.95 | 25.759 | 1.019 |
| 9/27/2018 11:30 | 1863000 | 119.048 | 20.386 | 268.168 | 38837.582 | 42590.73 | 27.677 | 28.962 | 25.748 | 1.019 |
| 9/27/2018 11:45 | 1863900 | 119.071 | 20.389 | 268.218 | 38787.188 | 42533.141 | 27.636 | 28.923 | 25.782 | 1.019 |
| 9/27/2018 12:00 | 1864800 | 119.075 | 20.389 | 268.228 | 38814.504 | 42563.395 | 27.658 | 28.943 | 25.764 | 1.019 |
| 9/27/2018 12:15 | 1865700 | 119.095 | 20.39 | 268.273 | 38815.402 | 42563.523 | 27.658 | 28.943 | 25.763 | 1.019 |
| 9/27/2018 12:30 | 1866600 | 119.098 | 20.388 | 268.28 | 38833.848 | 42584.766 | 27.673 | 28.958 | 25.751 | 1.019 |
| 9/27/2018 12:45 | 1867500 | 119.12 | 20.391 | 268.33 | 38811.559 | 42557.828 | 27.654 | 28.939 | 25.766 | 1.019 |
| 9/27/2018 13:00 | 1868400 | 119.119 | 20.393 | 268.327 | 38812.367 | 42557.551 | 27.654 | 28.939 | 25.765 | 1.019 |
| 9/27/2018 13:15 | 1869300 | 119.126 | 20.388 | 268.343 | 38852.266 | 42605.043 | 27.688 | 28.971 | 25.739 | 1.019 |
| 9/27/2018 13:30 | 1870200 | 119.132 | 20.388 | 268.357 | 38805.469 | 42553.727 | 27.651 | 28.937 | 25.77 | 1.019 |
| 9/27/2018 13:45 | 1871100 | 119.129 | 20.383 | 268.351 | 38785.293 | 42536.434 | 27.638 | 28.925 | 25.783 | 1.019 |
| 9/27/2018 14:00 | 1872000 | 119.133 | 20.383 | 268.359 | 38809.328 | 42562.406 | 27.657 | 28.942 | 25.767 | 1.019 |
| 9/27/2018 14:15 | 1872900 | 119.132 | 20.382 | 268.357 | 38840.805 | 42597.777 | 27.682 | 28.966 | 25.746 | 1.019 |
| 9/27/2018 14:30 | 1873800 | 119.116 | 20.386 | 268.32 | 38820.742 | 42572.883 | 27.665 | 28.95 | 25.759 | 1.019 |
| 9/27/2018 14:45 | 1874700 | 119.108 | 20.383 | 268.303 | 38834.27 | 42590.145 | 27.677 | 28.961 | 25.75 | 1.019 |
| 9/27/2018 15:00 | 1875600 | 119.096 | 20.383 | 268.275 | 38820.813 | 42575.461 | 27.666 | 28.951 | 25.759 | 1.019 |
| 9/27/2018 15:15 | 1876500 | 119.082 | 20.381 | 268.244 | 38824.441 | 42581.123 | 27.67 | 28.955 | 25.757 | 1.019 |
| 9/27/2018 15:30 | 1877400 | 119.073 | 20.38 | 268.224 | 38821.777 | 42579.012 | 27.669 | 28.954 | 25.759 | 1.019 |
| 9/27/2018 15:45 | 1878300 | 119.047 | 20.381 | 268.165 | 38808.578 | 42563.988 | 27.658 | 28.944 | 25.767 | 1.019 |
| 9/27/2018 16:00 | 1879200 | 119.03 | 20.38 | 268.127 | 38828.727 | 42586.953 | 27.675 | 28.959 | 25.754 | 1.019 |
| 9/27/2018 16:15 | 1880100 | 119.015 | 20.382 | 268.093 | 38803.516 | 42557.273 | 27.653 | 28.939 | 25.771 | 1.019 |
| 9/27/2018 16:30 | 1881000 | 119.004 | 20.381 | 268.067 | 38806.891 | 42561.598 | 27.656 | 28.942 | 25.769 | 1.019 |
| 9/27/2018 16:45 | 1881900 | 118.977 | 20.384 | 268.008 | 38776.785 | 42526.238 | 27.631 | 28.918 | 25.789 | 1.019 |
| 9/27/2018 17:00 | 1882800 | 118.961 | 20.382 | 267.972 | 38816.824 | 42571.625 | 27.664 | 28.949 | 25.762 | 1.019 |
| 9/27/2018 17:15 | 1883700 | 118.931 | 20.383 | 267.904 | 38830.094 | 42585.715 | 27.674 | 28.958 | 25.753 | 1.019 |
| 9/27/2018 17:30 | 1884600 | 118.918 | 20.383 | 267.874 | 38803.598 | 42556.656 | 27.653 | 28.939 | 25.771 | 1.019 |
| 9/27/2018 17:45 | 1885500 | 118.894 | 20.384 | 267.82 | 38814.164 | 42567.234 | 27.66 | 28.946 | 25.764 | 1.019 |
| 9/27/2018 18:00 | 1886400 | 118.877 | 20.385 | 267.783 | 38790.84 | 42540.879 | 27.641 | 28.928 | 25.779 | 1.019 |
| 9/27/2018 18:15 | 1887300 | 118.867 | 20.385 | 267.76 | 38846.695 | 42602.133 | 27.686 | 28.969 | 25.742 | 1.019 |
| 9/27/2018 18:30 | 1888200 | 118.848 | 20.387 | 267.716 | 38821.461 | 42572.82 | 27.665 | 28.95 | 25.759 | 1.019 |
| 9/27/2018 18:45 | 1889100 | 118.83 | 20.386 | 267.676 | 38825.672 | 42577.594 | 27.668 | 28.953 | 25.756 | 1.019 |
| 9/27/2018 19:00 | 1890000 | 118.823 | 20.387 | 267.66 | 38826.477 | 42578.32 | 27.669 | 28.953 | 25.756 | 1.019 |
| 9/27/2018 19:15 | 1890900 | 118.807 | 20.388 | 267.623 | 38820.652 | 42570.449 | 27.663 | 28.948 | 25.759 | 1.019 |
| 9/27/2018 19:30 | 1891800 | 118.804 | 20.387 | 267.617 | 38803.066 | 42552.336 | 27.65 | 28.936 | 25.771 | 1.019 |
| 9/27/2018 19:45 | 1892700 | 118.79 | 20.385 | 267.586 | 38798.582 | 42548.98 | 27.647 | 28.933 | 25.774 | 1.019 |
| 9/27/2018 20:00 | 1893600 | 118.79 | 20.385 | 267.586 | 38828.449 | 42581.734 | 27.671 | 28.956 | 25.754 | 1.019 |
| 9/27/2018 20:15 | 1894500 | 118.781 | 20.385 | 267.566 | 38804.633 | 42556.152 | 27.652 | 28.938 | 25.77 | 1.019 |
| 9/27/2018 20:30 | 1895400 | 118.785 | 20.384 | 267.576 | 38798.625 | 42550.109 | 27.648 | 28.934 | 25.774 | 1.019 |
| 9/27/2018 20:45 | 1896300 | 118.786 | 20.385 | 267.577 | 38808.836 | 42559.988 | 27.655 | 28.941 | 25.767 | 1.019 |
| 9/27/2018 21:00 | 1897200 | 118.788 | 20.384 | 267.582 | 38798.992 | 42550.043 | 27.648 | 28.934 | 25.774 | 1.019 |
| 9/27/2018 21:15 | 1898100 | 118.798 | 20.388 | 267.603 | 38838.027 | 42589.504 | 27.677 | 28.961 | 25.748 | 1.019 |
| 9/27/2018 21:30 | 1899000 | 118.807 | 20.387 | 267.623 | 38802.984 | 42551.934 | 27.649 | 28.935 | 25.771 | 1.019 |
| 9/27/2018 21:45 | 1899900 | 118.814 | 20.386 | 267.64 | 38806.762 | 42557.395 | 27.653 | 28.939 | 25.769 | 1.019 |
| 9/27/2018 22:00 | 1900800 | 118.822 | 20.388 | 267.658 | 38806.066 | 42554.926 | 27.652 | 28.937 | 25.769 | 1.019 |
| 9/27/2018 22:15 | 1901700 | 118.845 | 20.388 | 267.71 | 38802.164 | 42550.645 | 27.649 | 28.934 | 25.772 | 1.019 |
| 9/27/2018 22:30 | 1902600 | 118.861 | 20.387 | 267.746 | 38809.508 | 42559.473 | 27.655 | 28.94 | 25.767 | 1.019 |
| 9/27/2018 22:45 | 1903500 | 118.867 | 20.385 | 267.76 | 38815.066 | 42567.598 | 27.661 | 28.946 | 25.763 | 1.019 |
| 9/27/2018 23:00 | 1904400 | 118.885 | 20.384 | 267.801 | 38805.867 | 42557.672 | 27.654 | 28.939 | 25.769 | 1.019 |
| 9/27/2018 23:15 | 1905300 | 118.902 | 20.384 | 267.838 | 38836.758 | 42591.629 | 27.678 | 28.962 | 25.749 | 1.019 |
| 9/27/2018 23:30 | 1906200 | 118.914 | 20.385 | 267.866 | 38818.371 | 42570.758 | 27.663 | 28.948 | 25.761 | 1.019 |
| 9/27/2018 23:45 | 1907100 | 118.937 | 20.386 | 267.917 | 38828.129 | 42581.07 | 27.67 | 28.955 | 25.755 | 1.019 |
| 9/28/2018 0:00 | 1908000 | 118.944 | 20.388 | 267.933 | 38776.414 | 42522.258 | 27.628 | 28.915 | 25.789 | 1.019 |
| 9/28/2018 0:15 | 1908900 | 118.967 | 20.387 | 267.984 | 38825.422 | 42576.383 | 27.667 | 28.952 | 25.756 | 1.019 |
| 9/28/2018 0:30 | 1909800 | 118.976 | 20.385 | 268.006 | 38824.148 | 42577.246 | 27.668 | 28.953 | 25.757 | 1.019 |
| 9/28/2018 0:45 | 1910700 | 118.993 | 20.386 | 268.044 | 38808.758 | 42559.434 | 27.655 | 28.94 | 25.767 | 1.019 |
| 9/28/2018 1:00 | 1911600 | 119.008 | 20.388 | 268.076 | 38810.758 | 42559.84 | 27.655 | 28.941 | 25.766 | 1.019 |
| 9/28/2018 1:15 | 1912500 | 119.01 | 20.386 | 268.082 | 38823.305 | 42575.074 | 27.666 | 28.951 | 25.758 | 1.019 |

| | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/29/2018 0:15 | 1995300 | 118.939 | 20.386 | 267.921 | 38806.457 | 42556.836 | 27.653 | 28.939 | 25.769 | 1.019 |
| 9/29/2018 0:30 | 1996200 | 118.957 | 20.384 | 267.963 | 38829.316 | 42583.93 | 27.672 | 28.957 | 25.754 | 1.019 |
| 9/29/2018 0:45 | 1997100 | 118.979 | 20.386 | 268.012 | 38828.422 | 42580.766 | 27.67 | 28.955 | 25.754 | 1.019 |
| 9/29/2018 1:00 | 1998000 | 118.988 | 20.387 | 268.032 | 38841.195 | 42593.758 | 27.68 | 28.964 | 25.746 | 1.019 |
| 9/29/2018 1:15 | 1998900 | 119.002 | 20.385 | 268.064 | 38801.773 | 42552.941 | 27.65 | 28.936 | 25.772 | 1.019 |
| 9/29/2018 1:30 | 1999800 | 119.006 | 20.384 | 268.072 | 38817.723 | 42570.672 | 27.663 | 28.948 | 25.771 | 1.019 |
| 9/29/2018 1:45 | 2000700 | 119.022 | 20.386 | 268.109 | 38814.973 | 42566.25 | 27.66 | 28.945 | 25.763 | 1.019 |
| 9/29/2018 2:00 | 2001600 | 119.035 | 20.383 | 268.138 | 38848.09 | 42605.066 | 27.688 | 28.971 | 25.741 | 1.019 |
| 9/29/2018 2:15 | 2002500 | 119.049 | 20.383 | 268.17 | 38794.703 | 42546.754 | 27.646 | 28.932 | 25.777 | 1.019 |
| 9/29/2018 2:30 | 2003400 | 119.053 | 20.381 | 268.179 | 38799.488 | 42553.566 | 27.65 | 28.936 | 25.774 | 1.019 |
| 9/29/2018 2:45 | 2004300 | 119.05 | 20.382 | 268.172 | 38807.305 | 42561.504 | 27.656 | 28.942 | 25.768 | 1.019 |
| 9/29/2018 3:00 | 2005200 | 119.056 | 20.383 | 268.184 | 38816.566 | 42570.957 | 27.663 | 28.948 | 25.762 | 1.019 |
| 9/29/2018 3:15 | 2006100 | 119.062 | 20.385 | 268.198 | 38824.566 | 42577.863 | 27.668 | 28.953 | 25.757 | 1.019 |
| 9/29/2018 3:30 | 2007000 | 119.065 | 20.382 | 268.206 | 38812.504 | 42566.656 | 27.66 | 28.945 | 25.765 | 1.019 |
| 9/29/2018 3:45 | 2007900 | 119.064 | 20.382 | 268.203 | 38834.703 | 42591.48 | 27.678 | 28.962 | 25.75 | 1.019 |
| 9/29/2018 4:00 | 2008800 | 119.059 | 20.383 | 268.191 | 38788.898 | 42539.91 | 27.641 | 28.927 | 25.781 | 1.019 |
| 9/29/2018 4:15 | 2009700 | 119.061 | 20.383 | 268.196 | 38804.922 | 42558.109 | 27.654 | 28.94 | 25.77 | 1.019 |
| 9/29/2018 4:30 | 2010600 | 119.061 | 20.382 | 268.196 | 38813.539 | 42568.188 | 27.661 | 28.946 | 25.764 | 1.019 |
| 9/29/2018 4:45 | 2011500 | 119.057 | 20.379 | 268.188 | 38808.969 | 42565.672 | 27.659 | 28.945 | 25.767 | 1.019 |
| 9/29/2018 5:00 | 2012400 | 119.049 | 20.38 | 268.17 | 38784.723 | 42538.84 | 27.64 | 28.926 | 25.783 | 1.019 |
| 9/29/2018 5:15 | 2013300 | 119.036 | 20.381 | 268.14 | 38813.031 | 42568.719 | 27.661 | 28.947 | 25.765 | 1.019 |
| 9/29/2018 5:30 | 2014200 | 119.028 | 20.38 | 268.122 | 38817.016 | 42573.637 | 27.665 | 28.95 | 25.762 | 1.019 |
| 9/29/2018 5:45 | 2015100 | 119.021 | 20.382 | 268.107 | 38812.84 | 42567.418 | 27.66 | 28.946 | 25.765 | 1.019 |
| 9/29/2018 6:00 | 2016000 | 119.009 | 20.382 | 268.08 | 38826.762 | 42583.16 | 27.672 | 28.957 | 25.755 | 1.019 |
| 9/29/2018 6:15 | 2016900 | 119.004 | 20.382 | 268.067 | 38809 | 42563.516 | 27.658 | 28.943 | 25.767 | 1.019 |
| 9/29/2018 6:30 | 2017800 | 118.994 | 20.383 | 268.045 | 38849.656 | 42606.543 | 27.689 | 28.972 | 25.74 | 1.019 |
| 9/29/2018 6:45 | 2018700 | 118.988 | 20.382 | 268.032 | 38831.242 | 42587.527 | 27.675 | 28.96 | 25.752 | 1.019 |
| 9/29/2018 7:00 | 2019600 | 118.986 | 20.384 | 268.027 | 38822.898 | 42576.43 | 27.667 | 28.952 | 25.758 | 1.019 |
| 9/29/2018 7:15 | 2020500 | 118.976 | 20.385 | 268.004 | 38825.281 | 42578.336 | 27.668 | 28.953 | 25.756 | 1.019 |
| 9/29/2018 7:30 | 2021400 | 118.973 | 20.388 | 267.997 | 38824.684 | 42575.266 | 27.666 | 28.951 | 25.757 | 1.019 |
| 9/29/2018 7:45 | 2022300 | 118.969 | 20.385 | 267.988 | 38846.578 | 42602.004 | 27.686 | 28.969 | 25.742 | 1.019 |
| 9/29/2018 8:00 | 2023200 | 118.969 | 20.386 | 267.99 | 38838.402 | 42591.945 | 27.678 | 28.963 | 25.748 | 1.019 |
| 9/29/2018 8:15 | 2024100 | 118.962 | 20.386 | 267.974 | 38812.48 | 42563.281 | 27.658 | 28.943 | 25.765 | 1.019 |
| 9/29/2018 8:30 | 2025000 | 118.964 | 20.386 | 267.979 | 38843.438 | 42597.316 | 27.682 | 28.966 | 25.744 | 1.019 |
| 9/29/2018 8:45 | 2025900 | 118.972 | 20.389 | 267.996 | 38822.961 | 42572.371 | 27.664 | 28.949 | 25.758 | 1.019 |
| 9/29/2018 9:00 | 2026800 | 118.973 | 20.388 | 267.997 | 38796.816 | 42544.313 | 27.644 | 28.93 | 25.775 | 1.019 |
| 9/29/2018 9:15 | 2027700 | 118.981 | 20.389 | 268.017 | 38818.918 | 42568.086 | 27.661 | 28.946 | 25.761 | 1.019 |
| 9/29/2018 9:30 | 2028600 | 118.985 | 20.387 | 268.024 | 38779.793 | 42526.961 | 27.631 | 28.918 | 25.787 | 1.019 |
| 9/29/2018 9:45 | 2029500 | 118.988 | 20.39 | 268.032 | 38796.539 | 42542.215 | 27.643 | 28.929 | 25.775 | 1.019 |
| 9/29/2018 10:00 | 2030400 | 119.007 | 20.387 | 268.098 | 38803.48 | 42552.551 | 27.65 | 28.936 | 25.771 | 1.019 |
| 9/29/2018 10:15 | 2031300 | 119.017 | 20.387 | 268.098 | 38830.094 | 42582.047 | 27.671 | 28.956 | 25.753 | 1.019 |
| 9/29/2018 10:30 | 2032200 | 119.032 | 20.389 | 268.132 | 38816.051 | 42564.316 | 27.659 | 28.944 | 25.763 | 1.019 |
| 9/29/2018 10:45 | 2033100 | 119.043 | 20.39 | 268.156 | 38814.082 | 42561.613 | 27.657 | 28.942 | 25.764 | 1.019 |
| 9/29/2018 11:00 | 2034000 | 119.053 | 20.39 | 268.179 | 38828.949 | 42577.668 | 27.668 | 28.953 | 25.754 | 1.019 |
| 9/29/2018 11:15 | 2034900 | 119.078 | 20.39 | 268.234 | 38829.703 | 42578.66 | 27.669 | 28.953 | 25.753 | 1.019 |
| 9/29/2018 11:30 | 2035800 | 119.1 | 20.389 | 268.284 | 38835.621 | 42586.172 | 27.674 | 28.959 | 25.75 | 1.019 |
| 9/29/2018 11:45 | 2036700 | 119.115 | 20.39 | 268.318 | 38789.398 | 42534.301 | 27.637 | 28.923 | 25.78 | 1.019 |
| 9/29/2018 12:00 | 2037600 | 119.129 | 20.389 | 268.351 | 38830.641 | 42580.469 | 27.67 | 28.955 | 25.753 | 1.019 |
| 9/29/2018 12:15 | 2038500 | 119.153 | 20.387 | 268.403 | 38825.973 | 42577.602 | 27.668 | 28.953 | 25.756 | 1.019 |
| 9/29/2018 12:30 | 2039400 | 119.162 | 20.388 | 268.424 | 38818.207 | 42568.238 | 27.661 | 28.946 | 25.761 | 1.019 |
| 9/29/2018 12:45 | 2040300 | 119.187 | 20.388 | 268.48 | 38811.863 | 42560.738 | 27.656 | 28.941 | 25.765 | 1.019 |
| 9/29/2018 13:00 | 2041200 | 119.192 | 20.389 | 268.492 | 38833.406 | 42584.125 | 27.673 | 28.957 | 25.751 | 1.019 |
| 9/29/2018 13:15 | 2042100 | 119.212 | 20.391 | 268.537 | 38813.063 | 42559.637 | 27.655 | 28.941 | 25.765 | 1.019 |
| 9/29/2018 13:30 | 2043000 | 119.222 | 20.388 | 268.558 | 38795.152 | 42543.039 | 27.643 | 28.929 | 25.776 | 1.019 |
| 9/29/2018 13:45 | 2043900 | 119.232 | 20.388 | 268.581 | 38808.313 | 42556.918 | 27.653 | 28.939 | 25.768 | 1.019 |
| 9/29/2018 14:00 | 2044800 | 119.237 | 20.392 | 268.594 | 38851.164 | 42600.633 | 27.685 | 28.968 | 25.739 | 1.019 |
| 9/29/2018 14:15 | 2045700 | 119.253 | 20.391 | 268.629 | 38798.438 | 42544.063 | 27.644 | 28.93 | 25.774 | 1.019 |
| 9/29/2018 14:30 | 2046600 | 119.262 | 20.393 | 268.649 | 38825.211 | 42571.477 | 27.664 | 28.949 | 25.756 | 1.019 |
| 9/29/2018 14:45 | 2047500 | 119.267 | 20.391 | 268.661 | 38826.813 | 42574.641 | 27.666 | 28.951 | 25.755 | 1.019 |
| 9/29/2018 15:00 | 2048400 | 119.264 | 20.391 | 268.654 | 38829.418 | 42577.57 | 27.668 | 28.953 | 25.754 | 1.019 |
| 9/29/2018 15:15 | 2049300 | 119.255 | 20.391 | 268.633 | 38841.555 | 42590.484 | 27.677 | 28.962 | 25.746 | 1.019 |
| 9/29/2018 15:30 | 2050200 | 119.253 | 20.391 | 268.629 | 38815.293 | 42562.324 | 27.657 | 28.942 | 25.763 | 1.019 |
| 9/29/2018 15:45 | 2051100 | 119.251 | 20.389 | 268.624 | 38814.387 | 42562.887 | 27.657 | 28.943 | 25.764 | 1.019 |
| 9/29/2018 16:00 | 2052000 | 119.248 | 20.387 | 268.618 | 38815.539 | 42565.625 | 27.659 | 28.945 | 25.763 | 1.019 |
| 9/29/2018 16:15 | 2052900 | 119.239 | 20.389 | 268.597 | 38825.172 | 42574.625 | 27.666 | 28.951 | 25.756 | 1.019 |
| 9/29/2018 16:30 | 2053800 | 119.225 | 20.388 | 268.567 | 38825.273 | 42575.836 | 27.667 | 28.952 | 25.756 | 1.019 |
| 9/29/2018 16:45 | 2054700 | 119.215 | 20.391 | 268.544 | 38819.355 | 42566.926 | 27.66 | 28.946 | 25.76 | 1.019 |
| 9/29/2018 17:00 | 2055600 | 119.196 | 20.393 | 268.5 | 38848.578 | 42597.258 | 27.682 | 28.966 | 25.741 | 1.019 |
| 9/29/2018 17:15 | 2056500 | 119.194 | 20.394 | 268.496 | 38845.176 | 42592.508 | 27.679 | 28.963 | 25.743 | 1.019 |
| 9/29/2018 17:30 | 2057400 | 119.166 | 20.391 | 268.432 | 38801.402 | 42546.777 | 27.649 | 28.932 | 25.772 | 1.019 |
| 9/29/2018 17:45 | 2058300 | 119.149 | 20.388 | 268.394 | 38833.078 | 42584 | 27.673 | 28.957 | 25.751 | 1.019 |
| 9/29/2018 18:00 | 2059200 | 119.131 | 20.388 | 268.354 | 38844.719 | 42596.84 | 27.682 | 28.966 | 25.744 | 1.019 |
| 9/29/2018 18:15 | 2060100 | 119.113 | 20.386 | 268.313 | 38799.516 | 42549.445 | 27.648 | 28.934 | 25.774 | 1.019 |
| 9/29/2018 18:30 | 2061000 | 119.087 | 20.387 | 268.255 | 38804.969 | 42554.57 | 27.651 | 28.937 | 25.77 | 1.019 |
| 9/29/2018 18:45 | 2061900 | 119.067 | 20.391 | 268.211 | 38807.348 | 42553.684 | 27.651 | 28.937 | 25.768 | 1.019 |
| 9/29/2018 19:00 | 2062800 | 119.043 | 20.39 | 268.156 | 38848.25 | 42599.152 | 27.684 | 28.967 | 25.741 | 1.019 |
| 9/29/2018 19:15 | 2063700 | 119.017 | 20.388 | 268.098 | 38832.73 | 42583.852 | 27.673 | 28.957 | 25.751 | 1.019 |
| 9/29/2018 19:30 | 2064600 | 118.996 | 20.389 | 268.051 | 38819.672 | 42568.52 | 27.662 | 28.947 | 25.76 | 1.019 |
| 9/29/2018 19:45 | 2065500 | 118.974 | 20.387 | 268.001 | 38837.91 | 42590.23 | 27.677 | 28.961 | 25.748 | 1.019 |
| 9/29/2018 20:00 | 2066400 | 118.964 | 20.384 | 267.977 | 38800.773 | 42552.391 | 27.655 | 28.936 | 25.773 | 1.019 |
| 9/29/2018 20:15 | 2067300 | 118.937 | 20.385 | 267.917 | 38795.738 | 42545.699 | 27.645 | 28.931 | 25.776 | 1.019 |
| 9/29/2018 20:30 | 2068200 | 118.936 | 20.387 | 267.915 | 38800.324 | 42549.641 | 27.648 | 28.934 | 25.773 | 1.019 |
| 9/29/2018 20:45 | 2069100 | 118.915 | 20.388 | 267.867 | 38803.84 | 42552.641 | 27.65 | 28.936 | 25.771 | 1.019 |
| 9/29/2018 21:00 | 2070000 | 118.905 | 20.387 | 267.846 | 38848.18 | 42601.418 | 27.685 | 28.969 | 25.741 | 1.019 |
| 9/29/2018 21:15 | 2070900 | 118.897 | 20.39 | 267.826 | 38826.121 | 42574.57 | 27.666 | 28.951 | 25.756 | 1.019 |
| 9/29/2018 21:30 | 2071800 | 118.89 | 20.391 | 267.81 | 38838.938 | 42588.012 | 27.676 | 28.96 | 25.747 | 1.019 |
| 9/29/2018 21:45 | 2072700 | 118.885 | 20.39 | 267.801 | 38843.344 | 42593.453 | 27.68 | 28.964 | 25.744 | 1.019 |
| 9/29/2018 22:00 | 2 | | | | | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/30/2018 20:45 | 2155500 | 119.054 | 20.387 | 268.181 | 38805.676 | 42554.957 | 27.652 | 28.937 | 25.769 | 1.019 |
| 9/30/2018 21:00 | 2156400 | 119.031 | 20.392 | 268.129 | 38855.164 | 42605.027 | 27.688 | 28.971 | 25.737 | 1.019 |
| 9/30/2018 21:15 | 2157300 | 119.025 | 20.399 | 268.115 | 38901.566 | 42548.129 | 27.647 | 28.933 | 25.772 | 1.019 |
| 9/30/2018 21:30 | 2158200 | 119.016 | 20.389 | 268.095 | 38920.004 | 42569.125 | 27.662 | 28.947 | 25.766 | 1.019 |
| 9/30/2018 21:45 | 2159100 | 118.999 | 20.389 | 268.056 | 38921.609 | 42571.262 | 27.663 | 28.948 | 25.759 | 1.019 |
| 9/30/2018 22:00 | 2160000 | 118.988 | 20.391 | 268.032 | 38979.84 | 42543.02 | 27.64 | 28.929 | 25.775 | 1.019 |
| 9/30/2018 22:15 | 2160900 | 118.979 | 20.39 | 268.011 | 38795.293 | 42541.168 | 27.642 | 28.928 | 25.776 | 1.019 |
| 9/30/2018 22:30 | 2161800 | 118.969 | 20.39 | 267.988 | 38818.098 | 42566.016 | 27.66 | 28.945 | 25.761 | 1.019 |
| 9/30/2018 22:45 | 2162700 | 118.969 | 20.387 | 267.988 | 38808.387 | 42557.93 | 27.654 | 28.939 | 25.768 | 1.019 |
| 9/30/2018 23:00 | 2163600 | 118.951 | 20.389 | 267.949 | 38815.711 | 42564.098 | 27.658 | 28.944 | 25.763 | 1.019 |
| 9/30/2018 23:15 | 2164500 | 118.954 | 20.388 | 267.955 | 38810.523 | 42559.418 | 27.655 | 28.94 | 25.766 | 1.019 |
| 9/30/2018 23:30 | 2165400 | 118.955 | 20.386 | 267.958 | 38832.578 | 42585.559 | 27.674 | 28.958 | 25.752 | 1.019 |
| 9/30/2018 23:45 | 2166300 | 118.964 | 20.386 | 267.977 | 38826.133 | 42578.176 | 27.668 | 28.953 | 25.756 | 1.019 |
| 10/1/2018 0:00 | 2167200 | 118.951 | 20.385 | 267.949 | 38794 | 42543.793 | 27.644 | 28.93 | 25.777 | 1.019 |
| 10/1/2018 0:15 | 2168100 | 118.959 | 20.385 | 267.967 | 38836.109 | 42590.211 | 27.677 | 28.961 | 25.749 | 1.019 |
| 10/1/2018 0:30 | 2169000 | 118.976 | 20.386 | 268.004 | 38835.699 | 42588.98 | 27.676 | 28.961 | 25.75 | 1.019 |
| 10/1/2018 0:45 | 2169900 | 118.979 | 20.388 | 268.012 | 38781.785 | 42527.902 | 27.632 | 28.919 | 25.785 | 1.019 |
| 10/1/2018 1:00 | 2170800 | 118.985 | 20.388 | 268.024 | 38809.016 | 42557.766 | 27.654 | 28.939 | 25.767 | 1.019 |
| 10/1/2018 1:15 | 2171700 | 119 | 20.389 | 268.06 | 38803.73 | 42551.113 | 27.649 | 28.935 | 25.771 | 1.019 |
| 10/1/2018 1:30 | 2172600 | 119.011 | 20.39 | 268.083 | 38818.766 | 42567.137 | 27.661 | 28.946 | 25.761 | 1.019 |
| 10/1/2018 1:45 | 2173500 | 119.017 | 20.389 | 268.098 | 38792.488 | 42538.555 | 27.64 | 28.926 | 25.778 | 1.019 |
| 10/1/2018 2:00 | 2174400 | 119.037 | 20.388 | 268.142 | 38821.148 | 42571.234 | 27.663 | 28.948 | 25.759 | 1.019 |
| 10/1/2018 2:15 | 2175300 | 119.052 | 20.387 | 268.175 | 38804.07 | 42552.969 | 27.65 | 28.936 | 25.77 | 1.019 |
| 10/1/2018 2:30 | 2176200 | 119.064 | 20.388 | 268.204 | 38814.379 | 42563.645 | 27.658 | 28.943 | 25.764 | 1.019 |
| 10/1/2018 2:45 | 2177100 | 119.081 | 20.388 | 268.241 | 38826.191 | 42576.449 | 27.667 | 28.952 | 25.756 | 1.019 |
| 10/1/2018 3:00 | 2178000 | 119.1 | 20.392 | 268.284 | 38849.711 | 42599.039 | 27.684 | 28.967 | 25.74 | 1.019 |
| 10/1/2018 3:15 | 2178900 | 119.115 | 20.39 | 268.318 | 38812.543 | 42559.68 | 27.655 | 28.941 | 25.765 | 1.019 |
| 10/1/2018 3:30 | 2179800 | 119.124 | 20.39 | 268.339 | 38812.168 | 42559.434 | 27.655 | 28.94 | 25.765 | 1.019 |
| 10/1/2018 3:45 | 2180700 | 119.136 | 20.387 | 268.366 | 38797.668 | 42545.945 | 27.645 | 28.931 | 25.775 | 1.019 |
| 10/1/2018 4:00 | 2181600 | 119.149 | 20.387 | 268.396 | 38772.664 | 42518.758 | 27.626 | 28.913 | 25.791 | 1.019 |
| 10/1/2018 4:15 | 2182500 | 119.158 | 20.387 | 268.415 | 38817.418 | 42568 | 27.661 | 28.946 | 25.762 | 1.019 |
| 10/1/2018 4:30 | 2183400 | 119.173 | 20.387 | 268.449 | 38803.898 | 42552.859 | 27.65 | 28.936 | 25.771 | 1.019 |
| 10/1/2018 4:45 | 2184300 | 119.185 | 20.389 | 268.475 | 38817.418 | 42566.047 | 27.66 | 28.945 | 25.762 | 1.019 |
| 10/1/2018 5:00 | 2185200 | 119.192 | 20.385 | 268.492 | 38799.555 | 42550.047 | 27.648 | 28.934 | 25.773 | 1.019 |
| 10/1/2018 5:15 | 2186100 | 119.195 | 20.387 | 268.498 | 38805.18 | 42554.727 | 27.651 | 28.937 | 25.77 | 1.019 |
| 10/1/2018 5:30 | 2187000 | 119.203 | 20.389 | 268.517 | 38824.57 | 42574.211 | 27.666 | 28.95 | 25.757 | 1.019 |
| 10/1/2018 5:45 | 2187900 | 119.205 | 20.388 | 268.521 | 38849.246 | 42601.73 | 27.685 | 28.969 | 25.741 | 1.019 |
| 10/1/2018 6:00 | 2188800 | 119.213 | 20.389 | 268.54 | 38811.164 | 42558.957 | 27.655 | 28.94 | 25.766 | 1.019 |
| 10/1/2018 6:15 | 2189700 | 119.213 | 20.39 | 268.54 | 38827.602 | 42576.355 | 27.667 | 28.952 | 25.755 | 1.019 |
| 10/1/2018 6:30 | 2190600 | 119.222 | 20.389 | 268.558 | 38824.934 | 42574.531 | 27.666 | 28.951 | 25.757 | 1.019 |
| 10/1/2018 6:45 | 2191500 | 119.216 | 20.388 | 268.546 | 38862.855 | 42617.281 | 27.697 | 28.98 | 25.732 | 1.019 |
| 10/1/2018 7:00 | 2192400 | 119.22 | 20.386 | 268.555 | 38799.066 | 42548.344 | 27.647 | 28.933 | 25.774 | 1.019 |
| 10/1/2018 7:15 | 2193300 | 119.214 | 20.39 | 268.542 | 38816.855 | 42565.117 | 27.659 | 28.944 | 25.762 | 1.019 |
| 10/1/2018 7:30 | 2194200 | 119.215 | 20.389 | 268.544 | 38811.781 | 42560.031 | 27.655 | 28.941 | 25.765 | 1.019 |
| 10/1/2018 7:45 | 2195100 | 119.208 | 20.389 | 268.529 | 38835.246 | 42585.918 | 27.674 | 28.958 | 25.75 | 1.019 |
| 10/1/2018 8:00 | 2196000 | 119.203 | 20.386 | 268.517 | 38811.254 | 42562.254 | 27.657 | 28.942 | 25.766 | 1.019 |
| 10/1/2018 8:15 | 2196900 | 119.202 | 20.388 | 268.513 | 38809.363 | 42558.309 | 27.654 | 28.94 | 25.767 | 1.019 |
| 10/1/2018 8:30 | 2197800 | 119.192 | 20.39 | 268.492 | 38825.48 | 42573.867 | 27.665 | 28.95 | 25.756 | 1.019 |
| 10/1/2018 8:45 | 2198700 | 119.2 | 20.393 | 268.51 | 38799.605 | 42543.008 | 27.643 | 28.929 | 25.773 | 1.019 |
| 10/1/2018 9:00 | 2199600 | 119.199 | 20.391 | 268.506 | 38825.461 | 42572.836 | 27.665 | 28.95 | 25.756 | 1.019 |
| 10/1/2018 9:15 | 2200500 | 119.202 | 20.387 | 268.514 | 38800.633 | 42549.816 | 27.648 | 28.934 | 25.773 | 1.019 |
| 10/1/2018 9:30 | 2201400 | 119.203 | 20.389 | 268.517 | 38788.742 | 42534.527 | 27.637 | 28.923 | 25.781 | 1.019 |
| 10/1/2018 9:45 | 2202300 | 119.202 | 20.388 | 268.514 | 38792.578 | 42537.488 | 27.639 | 28.925 | 25.778 | 1.019 |
| 10/1/2018 10:00 | 2203200 | 119.202 | 20.391 | 268.514 | 38815.145 | 42564.254 | 27.658 | 28.944 | 25.763 | 1.019 |
| 10/1/2018 10:15 | 2204100 | 119.209 | 20.391 | 268.53 | 38796.543 | 42541.449 | 27.642 | 28.928 | 25.775 | 1.019 |
| 10/1/2018 10:30 | 2205000 | 119.203 | 20.39 | 268.517 | 38808.082 | 42554.723 | 27.652 | 28.937 | 25.768 | 1.019 |
| 10/1/2018 10:45 | 2205900 | 119.215 | 20.391 | 268.544 | 38796.324 | 42541.359 | 27.642 | 28.928 | 25.776 | 1.019 |
| 10/1/2018 11:00 | 2206800 | 119.227 | 20.391 | 268.571 | 38823.887 | 42571.746 | 27.664 | 28.949 | 25.757 | 1.019 |
| 10/1/2018 11:15 | 2207700 | 119.219 | 20.394 | 268.553 | 38834.043 | 42580.301 | 27.67 | 28.955 | 25.751 | 1.019 |
| 10/1/2018 11:30 | 2208600 | 119.234 | 20.393 | 268.586 | 38806.219 | 42550.57 | 27.649 | 28.934 | 25.769 | 1.019 |
| 10/1/2018 11:45 | 2209500 | 119.244 | 20.39 | 268.61 | 38795.695 | 42541.609 | 27.642 | 28.928 | 25.776 | 1.019 |
| 10/1/2018 12:00 | 2210400 | 119.256 | 20.389 | 268.635 | 38805.891 | 42553.406 | 27.651 | 28.936 | 25.769 | 1.019 |
| 10/1/2018 12:15 | 2211300 | 119.271 | 20.386 | 268.669 | 38793.637 | 42542.387 | 27.643 | 28.929 | 25.777 | 1.019 |
| 10/1/2018 12:30 | 2212200 | 119.281 | 20.386 | 268.693 | 38782.496 | 42530.941 | 27.634 | 28.921 | 25.785 | 1.019 |
| 10/1/2018 12:45 | 2213100 | 119.287 | 20.382 | 268.706 | 38826.68 | 42582.523 | 27.671 | 28.956 | 25.755 | 1.019 |
| 10/1/2018 13:00 | 2214000 | 119.315 | 20.388 | 268.77 | 38828.914 | 42586.453 | 27.674 | 28.959 | 25.754 | 1.019 |
| 10/1/2018 13:15 | 2214900 | 119.323 | 20.382 | 268.787 | 38799.832 | 42553.078 | 27.65 | 28.936 | 25.773 | 1.019 |
| 10/1/2018 13:30 | 2215800 | 119.333 | 20.382 | 268.808 | 38854.848 | 42613.18 | 27.694 | 28.977 | 25.737 | 1.019 |
| 10/1/2018 13:45 | 2216700 | 119.354 | 20.384 | 268.856 | 38838.234 | 42593.324 | 27.679 | 28.963 | 25.748 | 1.019 |
| 10/1/2018 14:00 | 2217600 | 119.366 | 20.385 | 268.885 | 38820.41 | 42572.68 | 27.664 | 28.949 | 25.76 | 1.019 |
| 10/1/2018 14:15 | 2218500 | 119.38 | 20.386 | 268.916 | 38810.863 | 42561.594 | 27.656 | 28.942 | 25.766 | 1.019 |
| 10/1/2018 14:30 | 2219400 | 119.402 | 20.386 | 268.964 | 38817.75 | 42569.219 | 27.662 | 28.947 | 25.761 | 1.019 |
| 10/1/2018 14:45 | 2220300 | 119.408 | 20.386 | 268.978 | 38819.633 | 42570.895 | 27.663 | 28.948 | 25.76 | 1.019 |
| 10/1/2018 15:00 | 2221200 | 119.416 | 20.385 | 268.996 | 38813.172 | 42565.289 | 27.659 | 28.944 | 25.764 | 1.019 |
| 10/1/2018 15:15 | 2222100 | 119.428 | 20.383 | 269.023 | 38823.215 | 42577.941 | 27.668 | 28.953 | 25.758 | 1.019 |
| 10/1/2018 15:30 | 2223000 | 119.442 | 20.386 | 269.054 | 38805.438 | 42556.023 | 27.652 | 28.938 | 25.77 | 1.019 |
| 10/1/2018 15:45 | 2223900 | 119.448 | 20.382 | 269.069 | 38795.141 | 42548.09 | 27.647 | 28.933 | 25.776 | 1.019 |
| 10/1/2018 16:00 | 2224800 | 119.456 | 20.382 | 269.085 | 38811.273 | 42565.465 | 27.659 | 28.945 | 25.766 | 1.019 |
| 10/1/2018 16:15 | 2225700 | 119.456 | 20.386 | 269.087 | 38819.906 | 42571.66 | 27.664 | 28.949 | 25.76 | 1.019 |
| 10/1/2018 16:30 | 2226600 | 119.453 | 20.385 | 269.08 | 38804.039 | 42555.504 | 27.652 | 28.938 | 25.771 | 1.019 |
| 10/1/2018 16:45 | 2227500 | 119.468 | 20.388 | 269.113 | 38876.535 | 42631.805 | 27.707 | 28.99 | 25.722 | 1.019 |
| 10/1/2018 17:00 | 2228400 | 119.469 | 20.386 | 269.116 | 38814.469 | 42565.621 | 27.659 | 28.945 | 25.764 | 1.019 |
| 10/1/2018 17:15 | 2229300 | 119.459 | 20.391 | 269.092 | 38804.336 | 42549.672 | 27.648 | 28.934 | 25.77 | 1.019 |
| 10/1/2018 17:30 | 2230200 | 119.453 | 20.393 | 269.08 | 38823.488 | 42568.969 | 27.662 | 28.947 | 25.758 | 1.019 |
| 10/1/2018 17:45 | 2231100 | 119.45 | 20.399 | 269.073 | 38794.563 | 42532.578 | 27.636 | 28.922 | 25.777 | 1.019 |
| 10/1/2018 18:00 | 2232000 | 119.44 | 20.4 | 269.049 | 38793.789 | 42530.953 | 27.635 | 28.921 | 25.777 | 1.019 |
| 10/1/2018 18:15 | 2232900 | 119.43 | 20.399 | 269.027 | 38808.922 | 42548.402 | 27.647 | 28.933 | 25.767 | 1.019 |
| 10/1/2018 18:30 | 2233800 | | | | | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 10/2/2018 17:15 | 2315700 | 119.538 | 20.378 | 269.271 | 38813.836 | 42572.246 | 27.664 | 28.949 | 25.764 | 1.019 |
| 10/2/2018 17:30 | 2316600 | 119.546 | 20.381 | 269.288 | 38834.688 | 42592.469 | 27.679 | 28.963 | 25.75 | 1.019 |
| 10/2/2018 17:45 | 2317500 | 119.538 | 20.381 | 269.27 | 38819.238 | 42575.523 | 27.666 | 28.951 | 25.76 | 1.019 |
| 10/2/2018 17:45 | 2318400 | 119.544 | 20.382 | 269.277 | 38824.559 | 42580.035 | 27.67 | 28.954 | 25.757 | 1.019 |
| 10/2/2018 18:00 | 2319300 | 119.542 | 20.383 | 269.281 | 38822.043 | 42576.582 | 27.667 | 28.952 | 25.759 | 1.019 |
| 10/2/2018 18:30 | 2320200 | 119.533 | 20.382 | 269.26 | 38824.482 | 42580.559 | 27.67 | 28.955 | 25.757 | 1.019 |
| 10/2/2018 18:45 | 2321100 | 119.53 | 20.384 | 269.253 | 38820.440 | 42573.969 | 27.665 | 28.95 | 25.76 | 1.019 |
| 10/2/2018 19:00 | 2322000 | 119.513 | 20.385 | 269.215 | 38801.809 | 42552.906 | 27.65 | 28.936 | 25.772 | 1.019 |
| 10/2/2018 19:15 | 2322900 | 119.505 | 20.384 | 269.197 | 38810.871 | 42563.07 | 27.657 | 28.943 | 25.766 | 1.019 |
| 10/2/2018 19:30 | 2323800 | 119.497 | 20.384 | 269.178 | 38832.945 | 42587.277 | 27.675 | 28.959 | 25.751 | 1.019 |
| 10/2/2018 19:45 | 2324700 | 119.478 | 20.387 | 269.135 | 38832.676 | 42584.418 | 27.673 | 28.957 | 25.752 | 1.019 |
| 10/2/2018 20:00 | 2325600 | 119.466 | 20.386 | 269.108 | 38829.422 | 42581.945 | 27.671 | 28.956 | 25.754 | 1.019 |
| 10/2/2018 20:15 | 2326500 | 119.442 | 20.386 | 269.054 | 38799.309 | 42548.922 | 27.647 | 28.933 | 25.774 | 1.019 |
| 10/2/2018 20:30 | 2327400 | 119.425 | 20.387 | 269.016 | 38852.941 | 42607.18 | 27.689 | 28.973 | 25.738 | 1.019 |
| 10/2/2018 20:45 | 2328300 | 119.402 | 20.389 | 268.964 | 38830.074 | 42579.77 | 27.67 | 28.954 | 25.753 | 1.019 |
| 10/2/2018 21:00 | 2329200 | 119.388 | 20.387 | 268.933 | 38800.73 | 42549.848 | 27.648 | 28.934 | 25.773 | 1.019 |
| 10/2/2018 21:15 | 2330100 | 119.363 | 20.388 | 268.876 | 38805.785 | 42554.773 | 27.652 | 28.937 | 25.769 | 1.019 |
| 10/2/2018 21:30 | 2331000 | 119.345 | 20.388 | 268.835 | 38806.883 | 42555.902 | 27.652 | 28.938 | 25.769 | 1.019 |
| 10/2/2018 21:45 | 2331900 | 119.319 | 20.388 | 268.778 | 38841.516 | 42593.254 | 27.679 | 28.963 | 25.746 | 1.019 |
| 10/2/2018 22:00 | 2332800 | 119.291 | 20.387 | 268.715 | 38815.867 | 42566.445 | 27.66 | 28.945 | 25.763 | 1.019 |
| 10/2/2018 22:15 | 2333700 | 119.266 | 20.389 | 268.658 | 38820.941 | 42570.531 | 27.663 | 28.948 | 25.759 | 1.019 |
| 10/2/2018 22:30 | 2334600 | 119.239 | 20.389 | 268.597 | 38831.094 | 42581.512 | 27.671 | 28.955 | 25.753 | 1.019 |
| 10/2/2018 22:45 | 2335500 | 119.222 | 20.389 | 268.558 | 38818.285 | 42567.316 | 27.661 | 28.946 | 25.761 | 1.019 |
| 10/2/2018 23:00 | 2336400 | 119.202 | 20.39 | 268.514 | 38840.605 | 42590.453 | 27.677 | 28.962 | 25.746 | 1.019 |
| 10/2/2018 23:15 | 2337300 | 119.187 | 20.392 | 268.48 | 38808.813 | 42554.352 | 27.651 | 28.937 | 25.767 | 1.019 |
| 10/2/2018 23:30 | 2338200 | 119.154 | 20.389 | 268.407 | 38843.824 | 42595.078 | 27.681 | 28.965 | 25.744 | 1.019 |
| 10/2/2018 23:45 | 2339100 | 119.138 | 20.39 | 268.369 | 38851.809 | 42602.82 | 27.686 | 28.97 | 25.739 | 1.019 |
| 10/3/2018 0:00 | 2340000 | 119.117 | 20.391 | 268.323 | 38809.461 | 42556.148 | 27.653 | 28.938 | 25.767 | 1.019 |
| 10/3/2018 0:15 | 2340900 | 119.109 | 20.392 | 268.305 | 38814.805 | 42560.922 | 27.656 | 28.941 | 25.763 | 1.019 |
| 10/3/2018 0:30 | 2341800 | 119.103 | 20.389 | 268.291 | 38826.984 | 42577.156 | 27.668 | 28.952 | 25.755 | 1.019 |
| 10/3/2018 0:45 | 2342700 | 119.088 | 20.386 | 268.256 | 38841.996 | 42596.031 | 27.681 | 28.965 | 25.745 | 1.019 |
| 10/3/2018 1:00 | 2343600 | 119.081 | 20.388 | 268.241 | 38820.289 | 42570.523 | 27.663 | 28.948 | 25.76 | 1.019 |
| 10/3/2018 1:15 | 2344500 | 119.068 | 20.388 | 268.213 | 38824.469 | 42574.559 | 27.666 | 28.951 | 25.757 | 1.019 |
| 10/3/2018 1:30 | 2345400 | 119.056 | 20.389 | 268.184 | 38830.285 | 42580.703 | 27.67 | 28.955 | 25.753 | 1.019 |
| 10/3/2018 1:45 | 2346300 | 119.062 | 20.388 | 268.198 | 38818.219 | 42568.406 | 27.661 | 28.947 | 25.761 | 1.019 |
| 10/3/2018 2:00 | 2347200 | 119.063 | 20.391 | 268.201 | 38801.559 | 42547.18 | 27.646 | 28.932 | 25.772 | 1.019 |
| 10/3/2018 2:15 | 2348100 | 119.056 | 20.394 | 268.184 | 38797.688 | 42540.441 | 27.641 | 28.928 | 25.775 | 1.019 |
| 10/3/2018 2:30 | 2349000 | 119.067 | 20.394 | 268.211 | 38833.598 | 42579.898 | 27.67 | 28.954 | 25.751 | 1.019 |
| 10/3/2018 2:45 | 2349900 | 119.075 | 20.391 | 268.228 | 38791.891 | 42536.176 | 27.638 | 28.925 | 25.779 | 1.019 |
| 10/3/2018 3:00 | 2350800 | 119.088 | 20.391 | 268.256 | 38830.094 | 42578.551 | 27.669 | 28.953 | 25.753 | 1.019 |
| 10/3/2018 3:15 | 2351700 | 119.099 | 20.392 | 268.282 | 38826.262 | 42573.328 | 27.665 | 28.95 | 25.756 | 1.019 |
| 10/3/2018 3:30 | 2352600 | 119.11 | 20.391 | 268.307 | 38814.398 | 42561.34 | 27.656 | 28.942 | 25.764 | 1.019 |
| 10/3/2018 3:45 | 2353500 | 119.116 | 20.389 | 268.32 | 38826.887 | 42576.504 | 27.667 | 28.952 | 25.755 | 1.019 |
| 10/3/2018 4:00 | 2354400 | 119.134 | 20.387 | 268.362 | 38816.332 | 42567.121 | 27.66 | 28.946 | 25.762 | 1.019 |
| 10/3/2018 4:15 | 2355300 | 119.155 | 20.39 | 268.409 | 38827.383 | 42575.887 | 27.667 | 28.952 | 25.755 | 1.019 |
| 10/3/2018 4:30 | 2356200 | 119.168 | 20.388 | 268.437 | 38808.219 | 42556.66 | 27.653 | 28.939 | 25.768 | 1.019 |
| 10/3/2018 4:45 | 2357100 | 119.18 | 20.388 | 268.464 | 38825.824 | 42576.195 | 27.667 | 28.952 | 25.756 | 1.019 |
| 10/3/2018 5:00 | 2358000 | 119.203 | 20.387 | 268.517 | 38792.051 | 42540.098 | 27.641 | 28.927 | 25.778 | 1.019 |
| 10/3/2018 5:15 | 2358900 | 119.22 | 20.384 | 268.555 | 38798.727 | 42550.148 | 27.648 | 28.934 | 25.774 | 1.019 |
| 10/3/2018 5:30 | 2359800 | 119.23 | 20.388 | 268.578 | 38830.664 | 42581.355 | 27.671 | 28.955 | 25.753 | 1.019 |
| 10/3/2018 5:45 | 2360700 | 119.248 | 20.388 | 268.618 | 38824.418 | 42575.129 | 27.666 | 28.951 | 25.757 | 1.019 |
| 10/3/2018 6:00 | 2361600 | 119.265 | 20.388 | 268.656 | 38815.746 | 42565.695 | 27.659 | 28.945 | 25.763 | 1.019 |
| 10/3/2018 6:15 | 2362500 | 119.282 | 20.385 | 268.694 | 38786.434 | 42536.195 | 27.638 | 28.925 | 25.782 | 1.019 |
| 10/3/2018 6:30 | 2363400 | 119.293 | 20.385 | 268.72 | 38825.23 | 42578.668 | 27.669 | 28.953 | 25.756 | 1.019 |
| 10/3/2018 6:45 | 2364300 | 119.303 | 20.386 | 268.743 | 38804.609 | 42555.191 | 27.652 | 28.938 | 25.77 | 1.019 |
| 10/3/2018 7:00 | 2365200 | 119.312 | 20.385 | 268.761 | 38811.77 | 42563.52 | 27.658 | 28.943 | 25.765 | 1.019 |
| 10/3/2018 7:15 | 2366100 | 119.332 | 20.386 | 268.806 | 38816.07 | 42567.063 | 27.66 | 28.946 | 25.763 | 1.019 |
| 10/3/2018 7:30 | 2367000 | 119.343 | 20.385 | 268.831 | 38848.273 | 42603.551 | 27.687 | 28.97 | 25.741 | 1.019 |
| 10/3/2018 7:45 | 2367900 | 119.355 | 20.382 | 268.858 | 38799.402 | 42553.07 | 27.65 | 28.936 | 25.774 | 1.019 |
| 10/3/2018 8:00 | 2368800 | 119.368 | 20.388 | 268.887 | 38830.418 | 42581.16 | 27.671 | 28.955 | 25.753 | 1.019 |
| 10/3/2018 8:15 | 2369700 | 119.359 | 20.391 | 268.868 | 38813.387 | 42560.148 | 27.656 | 28.941 | 25.764 | 1.019 |
| 10/3/2018 8:30 | 2370600 | 119.362 | 20.39 | 268.875 | 38832.984 | 42582.094 | 27.671 | 28.956 | 25.751 | 1.019 |
| 10/3/2018 8:45 | 2371500 | 119.369 | 20.389 | 268.891 | 38818.246 | 42566.879 | 27.66 | 28.945 | 25.761 | 1.019 |
| 10/3/2018 9:00 | 2372400 | 119.386 | 20.385 | 268.929 | 38831.277 | 42584.754 | 27.673 | 28.958 | 25.752 | 1.019 |
| 10/3/2018 9:15 | 2373300 | 119.372 | 20.385 | 268.898 | 38842.234 | 42597.391 | 27.682 | 28.966 | 25.745 | 1.019 |
| 10/3/2018 9:30 | 2374200 | 119.374 | 20.387 | 268.902 | 38814.352 | 42565.023 | 27.659 | 28.944 | 25.764 | 1.019 |
| 10/3/2018 9:45 | 2375100 | 119.366 | 20.385 | 268.885 | 38798.625 | 42548.945 | 27.647 | 28.933 | 25.774 | 1.019 |
| 10/3/2018 10:00 | 2376000 | 119.372 | 20.387 | 268.898 | 38818.082 | 42568.949 | 27.662 | 28.947 | 25.761 | 1.019 |
| 10/3/2018 10:15 | 2376900 | 119.366 | 20.386 | 268.885 | 38834.707 | 42587.973 | 27.675 | 28.96 | 25.75 | 1.019 |
| 10/3/2018 10:30 | 2377800 | 119.369 | 20.386 | 268.891 | 38823.316 | 42574.934 | 27.666 | 28.951 | 25.758 | 1.019 |
| 10/3/2018 10:45 | 2378700 | 119.355 | 20.385 | 268.858 | 38832.363 | 42586.102 | 27.674 | 28.959 | 25.752 | 1.019 |
| 10/3/2018 11:00 | 2379600 | 119.356 | 20.387 | 268.861 | 38820.465 | 42571.652 | 27.664 | 28.949 | 25.76 | 1.019 |
| 10/3/2018 11:15 | 2380500 | 119.348 | 20.388 | 268.843 | 38813.898 | 42563.516 | 27.658 | 28.943 | 25.764 | 1.019 |
| 10/3/2018 11:30 | 2381400 | 119.351 | 20.386 | 268.85 | 38802.316 | 42552.52 | 27.65 | 28.936 | 25.772 | 1.019 |
| 10/3/2018 11:45 | 2382300 | 119.343 | 20.386 | 268.831 | 38817.637 | 42569.563 | 27.662 | 28.947 | 25.761 | 1.019 |
| 10/3/2018 12:00 | 2383200 | 119.352 | 20.386 | 268.852 | 38806.902 | 42557.629 | 27.654 | 28.939 | 25.769 | 1.019 |
| 10/3/2018 12:15 | 2384100 | 119.344 | 20.384 | 268.834 | 38831.094 | 42586.105 | 27.674 | 28.959 | 25.753 | 1.019 |
| 10/3/2018 12:30 | 2385000 | 119.338 | 20.385 | 268.82 | 38833.59 | 42587.91 | 27.675 | 28.96 | 25.751 | 1.019 |
| 10/3/2018 12:45 | 2385900 | 119.34 | 20.388 | 268.825 | 38823.316 | 42573.922 | 27.665 | 28.95 | 25.758 | 1.019 |
| 10/3/2018 13:00 | 2386800 | 119.332 | 20.387 | 268.806 | 38834.176 | 42586.762 | 27.675 | 28.959 | 25.751 | 1.019 |
| 10/3/2018 13:15 | 2387700 | 119.341 | 20.386 | 268.827 | 38820.508 | 42571.855 | 27.664 | 28.949 | 25.76 | 1.019 |
| 10/3/2018 13:30 | 2388600 | 119.338 | 20.385 | 268.82 | 38817.43 | 42569.801 | 27.662 | 28.947 | 25.762 | 1.019 |
| 10/3/2018 13:45 | 2389500 | 119.352 | 20.386 | 268.852 | 38839.984 | 42594.07 | 27.68 | 28.964 | 25.747 | 1.019 |
| 10/3/2018 14:00 | 2390400 | 119.354 | 20.388 | 268.856 | 38830.172 | 42581.359 | 27.671 | 28.955 | 25.753 | 1.019 |
| 10/3/2018 14:15 | 2391300 | 119.359 | 20.384 | 268.868 | 38847.125 | 42603.383 | 27.687 | 28.97 | 25.742 | 1.019 |
| 10/3/2018 14:30 | 2392200 | 119.369 | 20.385 | 268.891 | 38816.352 | 42568.773 | 27.662 | 28.947 | 25.762 | 1.019 |
| 10/3/2018 14:45 | 2393100 | 119.37 | 20.384 | 268.893 | 38814.156 | 42566.762 | 27.66 | 28.945 | 25.764 | 1.019 |
| 10/3/2018 | | | | | | | | | | |

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|----------------|-------|-------|-------|---------|-----------|-----------|--------|-----------|--------|-------|--------|
| 9/6/2018 6:00 | 28800 | 72701 | 17931 | 165.709 | 30253.313 | 34975.367 | 22.179 | 23783.25 | 33.054 | 1.015 | 14.757 |
| 9/6/2018 6:05 | 29100 | 72706 | 17931 | 165.72 | 30249.26 | 34970.684 | 22.176 | 23780.066 | 33.059 | 1.015 | 14.755 |
| 9/6/2018 6:10 | 29400 | 72709 | 17932 | 165.726 | 30229.873 | 34948 | 22.16 | 23764.641 | 33.08 | 1.015 | 14.753 |
| 9/6/2018 6:15 | 29700 | 72709 | 17932 | 165.726 | 30230.922 | 34949.281 | 22.161 | 23765.512 | 33.079 | 1.015 | 14.751 |
| 9/6/2018 6:20 | 30000 | 7271 | 17931 | 165.728 | 30227.629 | 34945.754 | 22.158 | 23763.115 | 33.082 | 1.015 | 14.752 |
| 9/6/2018 6:25 | 30300 | 72709 | 17931 | 165.727 | 30231.771 | 34950.543 | 22.162 | 23766.371 | 33.078 | 1.015 | 14.752 |
| 9/6/2018 6:30 | 30600 | 72712 | 17931 | 165.731 | 30225.691 | 34943.691 | 22.157 | 23765.111 | 33.084 | 1.015 | 14.753 |
| 9/6/2018 6:35 | 30900 | 72715 | 17932 | 165.74 | 30246.602 | 34967.211 | 22.173 | 23777.705 | 33.062 | 1.015 | 14.754 |
| 9/6/2018 6:40 | 31200 | 72717 | 17932 | 165.745 | 30247.084 | 34967.969 | 22.174 | 23778.219 | 33.061 | 1.015 | 14.755 |
| 9/6/2018 6:45 | 31500 | 72717 | 17932 | 165.743 | 30245.693 | 34966.227 | 22.173 | 23777.037 | 33.063 | 1.015 | 14.756 |
| 9/6/2018 6:50 | 31800 | 72716 | 17932 | 165.743 | 30227.563 | 34945.398 | 22.158 | 23762.873 | 33.082 | 1.015 | 14.757 |
| 9/6/2018 6:55 | 32100 | 72721 | 17931 | 165.753 | 30230.971 | 34949.617 | 22.161 | 23765.742 | 33.079 | 1.015 | 14.758 |
| 9/6/2018 7:00 | 32400 | 7272 | 17931 | 165.75 | 30242.416 | 34985.969 | 22.186 | 23790.461 | 33.064 | 1.015 | 14.759 |
| 9/6/2018 7:05 | 32700 | 7272 | 17931 | 165.752 | 30237.422 | 34957.203 | 22.166 | 23770.898 | 33.072 | 1.015 | 14.761 |
| 9/6/2018 7:10 | 33000 | 72726 | 17931 | 165.766 | 30242.6 | 34963.059 | 22.17 | 23774.881 | 33.066 | 1.015 | 14.762 |
| 9/6/2018 7:15 | 33300 | 72721 | 17931 | 165.754 | 30234.111 | 34953.246 | 22.163 | 23768.207 | 33.075 | 1.015 | 14.764 |
| 9/6/2018 7:20 | 33600 | 72725 | 17931 | 165.762 | 30220.646 | 34937.68 | 22.153 | 23757.623 | 33.09 | 1.015 | 14.764 |
| 9/6/2018 7:25 | 33900 | 72726 | 17931 | 165.766 | 30239.969 | 34959.875 | 22.168 | 23772.717 | 33.069 | 1.015 | 14.764 |
| 9/6/2018 7:30 | 34200 | 72727 | 17932 | 165.747 | 30246.89 | 34967.766 | 22.165 | 23778.082 | 33.064 | 1.015 | 14.764 |
| 9/6/2018 7:35 | 34500 | 7275 | 17932 | 165.819 | 30258.996 | 34981.668 | 22.183 | 23787.537 | 33.048 | 1.016 | 14.766 |
| 9/6/2018 7:40 | 34800 | 7273 | 17932 | 165.775 | 30241.436 | 34961.238 | 22.169 | 23773.643 | 33.067 | 1.015 | 14.767 |
| 9/6/2018 7:45 | 35100 | 72731 | 17931 | 165.776 | 30252.854 | 34975.047 | 22.179 | 23783.031 | 33.055 | 1.015 | 14.768 |
| 9/6/2018 7:50 | 35400 | 7274 | 17932 | 165.797 | 30254.346 | 34976.363 | 22.18 | 23783.928 | 33.053 | 1.015 | 14.767 |
| 9/6/2018 7:55 | 35700 | 72741 | 17931 | 165.8 | 30224.41 | 34942.031 | 22.156 | 23760.584 | 33.086 | 1.015 | 14.766 |
| 9/6/2018 8:00 | 36000 | 72743 | 17931 | 165.803 | 30231.389 | 34950.23 | 22.165 | 23766.156 | 33.078 | 1.015 | 14.764 |
| 9/6/2018 8:05 | 36300 | 72747 | 17931 | 165.813 | 30243.857 | 34964.438 | 22.171 | 23775.82 | 33.065 | 1.015 | 14.765 |
| 9/6/2018 8:10 | 36600 | 72748 | 17931 | 165.815 | 30255.207 | 34977.836 | 22.181 | 23784.93 | 33.052 | 1.015 | 14.766 |
| 9/6/2018 8:15 | 36900 | 72745 | 17931 | 165.809 | 30234.072 | 34953.332 | 22.163 | 23768.268 | 33.075 | 1.015 | 14.767 |
| 9/6/2018 8:20 | 37200 | 72751 | 17931 | 165.822 | 30229.455 | 34947.922 | 22.16 | 23764.59 | 33.08 | 1.015 | 14.766 |
| 9/6/2018 8:25 | 37500 | 72751 | 17931 | 165.822 | 30228.461 | 34947.25 | 22.159 | 23764.131 | 33.081 | 1.015 | 14.765 |
| 9/6/2018 8:30 | 37800 | 72754 | 17931 | 165.822 | 30240.262 | 34960.488 | 22.168 | 23773.135 | 33.068 | 1.015 | 14.764 |
| 9/6/2018 8:35 | 38100 | 72776 | 17932 | 165.879 | 30216.32 | 34933.332 | 22.149 | 23753.988 | 33.095 | 1.015 | 14.765 |
| 9/6/2018 8:40 | 38400 | 72756 | 17931 | 165.833 | 30230.74 | 34949.352 | 22.161 | 23765.561 | 33.079 | 1.015 | 14.766 |
| 9/6/2018 8:45 | 38700 | 72756 | 17931 | 165.833 | 30221.893 | 34939.18 | 22.154 | 23758.645 | 33.089 | 1.015 | 14.766 |
| 9/6/2018 8:50 | 39000 | 72759 | 17932 | 165.841 | 30257.215 | 34979.48 | 22.182 | 23786.049 | 33.05 | 1.016 | 14.765 |
| 9/6/2018 8:55 | 39300 | 72784 | 17931 | 165.807 | 30242.816 | 34963.168 | 22.17 | 23774.955 | 33.066 | 1.015 | 14.764 |
| 9/6/2018 9:00 | 39600 | 72766 | 17931 | 165.856 | 30235.6 | 34955.098 | 22.165 | 23769.469 | 33.074 | 1.015 | 14.763 |
| 9/6/2018 9:05 | 39900 | 72769 | 17932 | 165.863 | 30257.439 | 34980.008 | 22.182 | 23785.06 | 33.05 | 1.015 | 14.767 |
| 9/6/2018 9:10 | 40200 | 72765 | 17931 | 165.854 | 30261.768 | 34985.422 | 22.186 | 23790.088 | 33.045 | 1.016 | 14.772 |
| 9/6/2018 9:15 | 40500 | 72761 | 17932 | 165.844 | 30215.277 | 34931.195 | 22.148 | 23753.215 | 33.096 | 1.015 | 14.776 |
| 9/6/2018 9:20 | 40800 | 72764 | 17931 | 165.851 | 30253.365 | 34975.637 | 22.179 | 23783.434 | 33.054 | 1.015 | 14.774 |
| 9/6/2018 9:25 | 41100 | 72762 | 17931 | 165.847 | 30246.852 | 34967.977 | 22.174 | 23778.225 | 33.061 | 1.015 | 14.772 |
| 9/6/2018 9:30 | 41400 | 72768 | 17931 | 165.861 | 30222.611 | 34940.082 | 22.154 | 23759.256 | 33.088 | 1.015 | 14.769 |
| 9/6/2018 9:35 | 41700 | 72772 | 17931 | 165.871 | 30218.607 | 34915.453 | 22.167 | 23756.109 | 33.092 | 1.015 | 14.773 |
| 9/6/2018 9:40 | 42000 | 72777 | 17932 | 165.88 | 30232.105 | 34950.652 | 22.162 | 23766.445 | 33.077 | 1.015 | 14.767 |
| 9/6/2018 9:45 | 42300 | 72782 | 17932 | 165.893 | 30232.17 | 34950.727 | 22.162 | 23766.494 | 33.077 | 1.015 | 14.765 |
| 9/6/2018 9:50 | 42600 | 72771 | 17931 | 165.868 | 30257.691 | 34980.508 | 22.182 | 23786.746 | 33.049 | 1.016 | 14.767 |
| 9/6/2018 9:55 | 42900 | 72781 | 17932 | 165.89 | 30239.396 | 34958.945 | 22.167 | 23772.086 | 33.069 | 1.015 | 14.768 |
| 9/6/2018 10:00 | 43200 | 72776 | 17931 | 165.879 | 30242.559 | 34963.07 | 22.17 | 23774.889 | 33.066 | 1.015 | 14.77 |
| 9/6/2018 10:05 | 43500 | 72778 | 17931 | 165.888 | 30239 | 34958.957 | 22.167 | 23772.094 | 33.07 | 1.015 | 14.771 |
| 9/6/2018 10:10 | 43800 | 72778 | 17932 | 165.885 | 30222.605 | 34939.668 | 22.154 | 23758.977 | 33.088 | 1.015 | 14.771 |
| 9/6/2018 10:15 | 44100 | 72779 | 17931 | 165.886 | 30234.291 | 34953.313 | 22.163 | 23768.254 | 33.075 | 1.015 | 14.771 |
| 9/6/2018 10:20 | 44400 | 72786 | 17932 | 165.901 | 30218.105 | 34934.266 | 22.15 | 23755.303 | 33.093 | 1.015 | 14.769 |
| 9/6/2018 10:25 | 44700 | 72787 | 17931 | 165.904 | 30250.975 | 34972.871 | 22.177 | 23781.553 | 33.057 | 1.015 | 14.766 |
| 9/6/2018 10:30 | 45000 | 72787 | 17931 | 165.904 | 30219.715 | 34936.605 | 22.152 | 23756.893 | 33.091 | 1.015 | 14.763 |
| 9/6/2018 10:35 | 45300 | 72792 | 17931 | 165.915 | 30228.082 | 34946.336 | 22.159 | 23763.51 | 33.082 | 1.015 | 14.764 |
| 9/6/2018 10:40 | 45600 | 72794 | 17932 | 165.921 | 30230.475 | 34948.836 | 22.16 | 23765.209 | 33.079 | 1.015 | 14.764 |
| 9/6/2018 10:45 | 45900 | 72792 | 17931 | 165.915 | 30228.174 | 34946.242 | 22.159 | 23763.447 | 33.082 | 1.015 | 14.765 |
| 9/6/2018 10:50 | 46200 | 72794 | 17932 | 165.92 | 30245.385 | 34965.867 | 22.172 | 23776.791 | 33.063 | 1.015 | 14.768 |
| 9/6/2018 10:55 | 46500 | 7279 | 17931 | 165.911 | 30209.26 | 34924.375 | 22.143 | 23748.576 | 33.102 | 1.015 | 14.771 |
| 9/6/2018 11:00 | 46800 | 72792 | 17931 | 165.915 | 30230.625 | 34949.074 | 22.161 | 23765.371 | 33.079 | 1.015 | 14.774 |
| 9/6/2018 11:05 | 47100 | 72791 | 17931 | 165.914 | 30236.074 | 34955.441 | 22.165 | 23769.03 | 33.073 | 1.015 | 14.775 |
| 9/6/2018 11:10 | 47400 | 7279 | 17931 | 165.912 | 30217.756 | 34934.34 | 22.15 | 23755.352 | 33.093 | 1.015 | 14.775 |
| 9/6/2018 11:15 | 47700 | 72789 | 17931 | 165.91 | 30217.148 | 34933.695 | 22.15 | 23754.914 | 33.094 | 1.015 | 14.776 |
| 9/6/2018 11:20 | 48000 | 72789 | 17931 | 165.908 | 30226.914 | 34945.32 | 22.158 | 23762.818 | 33.083 | 1.015 | 14.774 |
| 9/6/2018 11:25 | 48300 | 7279 | 17932 | 165.91 | 30241.65 | 34961.074 | 22.169 | 23773.533 | 33.067 | 1.015 | 14.772 |
| 9/6/2018 11:30 | 48600 | 7279 | 17931 | 165.911 | 30245.861 | 34967.031 | 22.173 | 23775.584 | 33.062 | 1.015 | 14.77 |
| 9/6/2018 11:35 | 48900 | 72794 | 17931 | 165.914 | 30252.009 | 34973.822 | 22.182 | 23782.205 | 33.066 | 1.015 | 14.769 |
| 9/6/2018 11:40 | 49200 | 72794 | 17932 | 165.92 | 30240.568 | 34960.434 | 22.168 | 23773.096 | 33.068 | 1.015 | 14.769 |
| 9/6/2018 11:45 | 49500 | 72795 | 17931 | 165.923 | 30233.73 | 34952.863 | 22.163 | 23767.947 | 33.076 | 1.015 | 14.768 |
| 9/6/2018 11:50 | 49800 | 72796 | 17931 | 165.924 | 30242.813 | 34963.563 | 22.171 | 23775.225 | 33.066 | 1.015 | 14.768 |
| 9/6/2018 11:55 | 50100 | 72797 | 17931 | 165.927 | 30251.605 | 34973.328 | 22.177 | 23781.863 | 33.056 | 1.015 | 14.769 |
| 9/6/2018 12:00 | 50400 | 72791 | 17932 | 165.913 | 30234.973 | 34953.832 | 22.164 | 23768.605 | 33.074 | 1.015 | 14.769 |
| 9/6/2018 12:05 | 50700 | 72791 | 17931 | 165.911 | 30210.467 | 34915.13 | 22.15 | 23749.76 | 33.101 | 1.015 | 14.775 |
| 9/6/2018 12:10 | 51000 | 72799 | 17932 | 165.932 | 30245.977 | 34966.758 | 22.173 | 23777.396 | 33.062 | 1.015 | 14.764 |
| 9/6/2018 12:15 | 51300 | 72798 | 17931 | 165.929 | 30239.994 | 34960.512 | 22.168 | 23773.15 | 33.069 | 1.015 | 14.761 |
| 9/6/2018 12:20 | 51600 | 72793 | 17932 | 165.918 | 30218.596 | 34935.031 | 22.151 | 23755.822 | 33.092 | 1.015 | 14.763 |
| 9/6/2018 12:25 | 51900 | 72814 | 17932 | 165.966 | 30264.271 | 34987.836 | 22.188 | 23791.729 | 33.042 | 1.016 | 14.765 |
| 9/6/2018 12:30 | 52200 | 72793 | 17931 | 165.918 | 30232.879 | 34951.879 | 22.162 | 23767.279 | 33.077 | 1.015 | 14.767 |
| 9/6/2018 12:35 | 52500 | 72788 | 17931 | 165.905 | 30227.297 | 34956.988 | 22.166 | 23770.754 | 33.072 | 1.015 | 14.768 |
| 9/6/2018 12:40 | 52800 | 7279 | 17931 | 165.912 | 30244.061 | 34964.779 | 22.172 | 23776.119 | 33.064 | 1.015 | 14.769 |
| 9/6/2018 12:45 | 53100 | 72789 | 17931 | 165.909 | 30233.686 | 34952.68 | 22.163 | 23767.824 | 33.076 | 1.015 | 14.771 |
| 9/6/2018 12:50 | 53400 | 72786 | 17931 | 165.902 | 30259.105 | 34982.742 | | | | | |

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| 9/6/2018 23:35 | 92100 | 72871 | 17932 | 166.095 | 30262.428 | 34985.508 | 22.186 | 23790.148 | 33.044 | 1.016 | 14.748 |
| 9/6/2018 23:40 | 92400 | 72868 | 17931 | 166.088 | 30250.887 | 34972.84 | 22.177 | 23781.533 | 33.057 | 1.015 | 14.747 |
| 9/6/2018 23:45 | 92700 | 72873 | 17932 | 166.1 | 30250.289 | 34971.602 | 22.176 | 23780.691 | 33.058 | 1.015 | 14.747 |
| 9/6/2018 23:50 | 93000 | 72865 | 17932 | 166.082 | 30230.963 | 34949.398 | 22.161 | 23765.592 | 33.079 | 1.015 | 14.746 |
| 9/6/2018 23:55 | 93300 | 72863 | 17931 | 166.077 | 30277.977 | 35003.961 | 22.199 | 23802.693 | 33.027 | 1.016 | 14.745 |
| 9/7/2018 0:00 | 93600 | 72868 | 17932 | 166.088 | 30250.432 | 34971.836 | 22.176 | 23780.852 | 33.057 | 1.015 | 14.745 |
| 9/7/2018 0:05 | 93900 | 72863 | 17931 | 166.074 | 30253.709 | 34975.664 | 22.179 | 23785.664 | 33.054 | 1.015 | 14.747 |
| 9/7/2018 0:10 | 94200 | 72855 | 17931 | 166.059 | 30219.107 | 34936.16 | 22.151 | 23756.592 | 33.092 | 1.015 | 14.748 |
| 9/7/2018 0:15 | 94500 | 72849 | 17932 | 166.046 | 30254.236 | 34976.238 | 22.18 | 23783.842 | 33.053 | 1.015 | 14.745 |
| 9/7/2018 0:20 | 94800 | 72847 | 17931 | 166.04 | 30256.426 | 34978.902 | 22.181 | 23785.656 | 33.051 | 1.015 | 14.749 |
| 9/7/2018 0:25 | 95100 | 72852 | 17931 | 166.052 | 30256.689 | 34979.406 | 22.182 | 23785.998 | 33.051 | 1.016 | 14.748 |
| 9/7/2018 0:30 | 95400 | 72845 | 17931 | 166.037 | 30263.596 | 34987.258 | 22.187 | 23791.338 | 33.043 | 1.016 | 14.748 |
| 9/7/2018 0:35 | 95700 | 72844 | 17931 | 166.035 | 30254.088 | 34976.758 | 22.18 | 23784.757 | 33.043 | 1.015 | 14.747 |
| 9/7/2018 0:40 | 96000 | 7284 | 17931 | 166.024 | 30267.82 | 34992.613 | 22.191 | 23794.977 | 33.038 | 1.016 | 14.747 |
| 9/7/2018 0:45 | 96300 | 72836 | 17931 | 166.015 | 30243.99 | 34964.527 | 22.171 | 23775.881 | 33.064 | 1.015 | 14.747 |
| 9/7/2018 0:50 | 96600 | 72836 | 17931 | 166.016 | 30225.795 | 34943.691 | 22.157 | 23761.711 | 33.084 | 1.015 | 14.748 |
| 9/7/2018 0:55 | 96900 | 72827 | 17932 | 165.996 | 30263.295 | 34986.508 | 22.187 | 23790.826 | 33.043 | 1.016 | 14.749 |
| 9/7/2018 1:00 | 97200 | 72825 | 17931 | 165.991 | 30246.182 | 34967.059 | 22.173 | 23777.602 | 33.062 | 1.015 | 14.749 |
| 9/7/2018 1:05 | 97500 | 72824 | 17931 | 165.995 | 30254.688 | 34984.434 | 22.186 | 23789.456 | 33.046 | 1.015 | 14.749 |
| 9/7/2018 1:10 | 97800 | 72819 | 17932 | 165.978 | 30222.469 | 34939.512 | 22.154 | 23758.871 | 33.088 | 1.015 | 14.748 |
| 9/7/2018 1:15 | 98100 | 72818 | 17931 | 165.974 | 30234.021 | 34953 | 22.163 | 23768.041 | 33.075 | 1.015 | 14.748 |
| 9/7/2018 1:20 | 98400 | 72816 | 17932 | 165.97 | 30228.094 | 34945.879 | 22.158 | 23763.199 | 33.082 | 1.015 | 14.746 |
| 9/7/2018 1:25 | 98700 | 72819 | 17932 | 165.976 | 30231.828 | 34950.133 | 22.161 | 23766.09 | 33.078 | 1.015 | 14.744 |
| 9/7/2018 1:30 | 99000 | 72809 | 17931 | 165.955 | 30256.877 | 34979.625 | 22.182 | 23786.146 | 33.05 | 1.016 | 14.742 |
| 9/7/2018 1:35 | 99300 | 72809 | 17932 | 165.957 | 30253.945 | 34983.745 | 22.184 | 23788.684 | 33.074 | 1.015 | 14.743 |
| 9/7/2018 1:40 | 99600 | 72807 | 17931 | 165.949 | 30251.023 | 34972.855 | 22.177 | 23781.541 | 33.057 | 1.015 | 14.743 |
| 9/7/2018 1:45 | 99900 | 7278 | 17932 | 165.933 | 30218.385 | 34934.789 | 22.151 | 23755.656 | 33.092 | 1.015 | 14.744 |
| 9/7/2018 1:50 | 100200 | 72796 | 17932 | 165.924 | 30244.713 | 34965.156 | 22.172 | 23776.309 | 33.064 | 1.015 | 14.743 |
| 9/7/2018 1:55 | 100500 | 72798 | 17931 | 165.929 | 30231.092 | 34950.016 | 22.161 | 23766.012 | 33.079 | 1.015 | 14.742 |
| 9/7/2018 2:00 | 100800 | 72789 | 17932 | 165.909 | 30243.471 | 34963.719 | 22.171 | 23775.33 | 33.065 | 1.015 | 14.742 |
| 9/7/2018 2:05 | 101100 | 72785 | 17931 | 165.9 | 30263.031 | 34986.805 | 22.187 | 23780.895 | 33.044 | 1.016 | 14.741 |
| 9/7/2018 2:10 | 101400 | 72787 | 17932 | 165.903 | 30239.051 | 34958.547 | 22.167 | 23771.814 | 33.07 | 1.015 | 14.74 |
| 9/7/2018 2:15 | 101700 | 72781 | 17931 | 165.889 | 30209.266 | 34924.523 | 22.143 | 23748.676 | 33.102 | 1.015 | 14.739 |
| 9/7/2018 2:20 | 102000 | 7278 | 17931 | 165.887 | 30243.549 | 34964.156 | 22.171 | 23775.627 | 33.065 | 1.015 | 14.741 |
| 9/7/2018 2:25 | 102300 | 72774 | 17931 | 165.874 | 30213.578 | 34929.508 | 22.147 | 23752.068 | 33.098 | 1.015 | 14.742 |
| 9/7/2018 2:30 | 102600 | 72768 | 17931 | 165.861 | 30260.699 | 34983.844 | 22.185 | 23789.016 | 33.046 | 1.016 | 14.744 |
| 9/7/2018 2:35 | 102900 | 72768 | 17932 | 165.86 | 30225.945 | 34947.762 | 22.16 | 23764.48 | 33.08 | 1.015 | 14.746 |
| 9/7/2018 2:40 | 103200 | 72766 | 17931 | 165.855 | 30258.545 | 34981.418 | 22.183 | 23787.367 | 33.049 | 1.016 | 14.739 |
| 9/7/2018 2:45 | 103500 | 72764 | 17931 | 165.852 | 30215.908 | 34932.125 | 22.149 | 23753.848 | 33.095 | 1.015 | 14.736 |
| 9/7/2018 2:50 | 103800 | 72761 | 17932 | 165.845 | 30255.434 | 34977.344 | 22.18 | 23784.596 | 33.052 | 1.015 | 14.738 |
| 9/7/2018 2:55 | 104100 | 72755 | 17931 | 165.831 | 30227.91 | 34945.938 | 22.158 | 23763.238 | 33.082 | 1.015 | 14.74 |
| 9/7/2018 3:00 | 104400 | 72755 | 17931 | 165.831 | 30242.305 | 34962.641 | 22.17 | 23774.598 | 33.066 | 1.015 | 14.742 |
| 9/7/2018 3:05 | 104700 | 72753 | 17932 | 165.827 | 30227.324 | 34945.055 | 22.158 | 23762.599 | 33.083 | 1.015 | 14.741 |
| 9/7/2018 3:10 | 105000 | 72748 | 17931 | 165.814 | 30257.806 | 34977.806 | 22.173 | 23771.777 | 33.071 | 1.015 | 14.741 |
| 9/7/2018 3:15 | 105300 | 72745 | 17932 | 165.808 | 30240.645 | 34960.387 | 22.168 | 23773.064 | 33.068 | 1.015 | 14.741 |
| 9/7/2018 3:20 | 105600 | 72743 | 17931 | 165.803 | 30261.752 | 34985.539 | 22.186 | 23790.166 | 33.045 | 1.016 | 14.74 |
| 9/7/2018 3:25 | 105900 | 72737 | 17931 | 165.79 | 30250.646 | 34972.223 | 22.177 | 23781.113 | 33.057 | 1.015 | 14.74 |
| 9/7/2018 3:30 | 106200 | 72737 | 17932 | 165.791 | 30263.695 | 34987.035 | 22.187 | 23791.186 | 33.043 | 1.016 | 14.74 |
| 9/7/2018 3:35 | 106500 | 72734 | 17932 | 165.784 | 30255.961 | 34955.18 | 22.165 | 23769.521 | 33.073 | 1.015 | 14.74 |
| 9/7/2018 3:40 | 106800 | 72732 | 17931 | 165.779 | 30246.414 | 34967.328 | 22.173 | 23777.785 | 33.062 | 1.015 | 14.74 |
| 9/7/2018 3:45 | 107100 | 72729 | 17932 | 165.772 | 30245.277 | 34965.879 | 22.172 | 23776.801 | 33.063 | 1.015 | 14.74 |
| 9/7/2018 3:50 | 107400 | 72724 | 17931 | 165.76 | 30234.496 | 34954.086 | 22.164 | 23768.779 | 33.075 | 1.015 | 14.743 |
| 9/7/2018 3:55 | 107700 | 72718 | 17932 | 165.746 | 30241.145 | 34960.824 | 22.169 | 23773.363 | 33.068 | 1.015 | 14.745 |
| 9/7/2018 4:00 | 108000 | 72715 | 17931 | 165.739 | 30253.441 | 34975.652 | 22.179 | 23783.445 | 33.054 | 1.015 | 14.748 |
| 9/7/2018 4:05 | 108300 | 72715 | 17931 | 165.739 | 30242.809 | 34963.637 | 22.171 | 23775.273 | 33.066 | 1.015 | 14.745 |
| 9/7/2018 4:10 | 108600 | 72714 | 17932 | 165.738 | 30251.538 | 34973.648 | 22.178 | 23782.084 | 33.056 | 1.015 | 14.743 |
| 9/7/2018 4:15 | 108900 | 72716 | 17932 | 165.742 | 30225.303 | 34942.652 | 22.156 | 23761.006 | 33.085 | 1.015 | 14.74 |
| 9/7/2018 4:20 | 109200 | 72709 | 17931 | 165.726 | 30235.205 | 34954.57 | 22.164 | 23769.107 | 33.074 | 1.015 | 14.743 |
| 9/7/2018 4:25 | 109500 | 72706 | 17931 | 165.719 | 30248.918 | 34970.422 | 22.175 | 23779.889 | 33.059 | 1.015 | 14.745 |
| 9/7/2018 4:30 | 109800 | 72699 | 17931 | 165.704 | 30249.893 | 34971.551 | 22.176 | 23780.654 | 33.058 | 1.015 | 14.748 |
| 9/7/2018 4:35 | 110100 | 72702 | 17932 | 165.711 | 30254.242 | 34976.172 | 22.179 | 23783.799 | 33.053 | 1.015 | 14.746 |
| 9/7/2018 4:40 | 110400 | 72707 | 17932 | 165.707 | 30255.605 | 34977.75 | 22.178 | 23784.871 | 33.052 | 1.015 | 14.746 |
| 9/7/2018 4:45 | 110700 | 72703 | 17931 | 165.712 | 30250.629 | 34972.543 | 22.177 | 23781.332 | 33.057 | 1.015 | 14.742 |
| 9/7/2018 4:50 | 111000 | 72701 | 17931 | 165.708 | 30250.582 | 34972.289 | 22.177 | 23781.156 | 33.057 | 1.015 | 14.741 |
| 9/7/2018 4:55 | 111300 | 727 | 17931 | 165.707 | 30236.857 | 34956.344 | 22.166 | 23770.314 | 33.072 | 1.015 | 14.741 |
| 9/7/2018 5:00 | 111600 | 72706 | 17931 | 165.719 | 30229.021 | 34947.828 | 22.16 | 23764.525 | 33.081 | 1.015 | 14.74 |
| 9/7/2018 5:05 | 111900 | 72703 | 17931 | 165.712 | 30252.674 | 34974.629 | 22.178 | 23782.75 | 33.055 | 1.015 | 14.737 |
| 9/7/2018 5:10 | 112200 | 72707 | 17931 | 165.711 | 30219.607 | 34936.805 | 22.163 | 23767.089 | 33.091 | 1.015 | 14.746 |
| 9/7/2018 5:15 | 112500 | 72711 | 17931 | 165.713 | 30232.414 | 34951.344 | 22.162 | 23766.914 | 33.077 | 1.015 | 14.731 |
| 9/7/2018 5:20 | 112800 | 72703 | 17931 | 165.713 | 30232.033 | 34950.77 | 22.162 | 23766.525 | 33.077 | 1.015 | 14.735 |
| 9/7/2018 5:25 | 113100 | 72696 | 17931 | 165.696 | 30237.906 | 34957.492 | 22.166 | 23771.098 | 33.071 | 1.015 | 14.739 |
| 9/7/2018 5:30 | 113400 | 72696 | 17932 | 165.696 | 30223.514 | 34940.719 | 22.155 | 23759.691 | 33.087 | 1.015 | 14.743 |
| 9/7/2018 5:35 | 113700 | 72697 | 17932 | 165.699 | 30230.104 | 34948.406 | 22.16 | 23764.918 | 33.08 | 1.015 | 14.741 |
| 9/7/2018 5:40 | 114000 | 72699 | 17932 | 165.699 | 30248.48 | 34969.663 | 22.178 | 23780.663 | 33.06 | 1.015 | 14.738 |
| 9/7/2018 5:45 | 114300 | 72702 | 17931 | 165.711 | 30251.838 | 34973.797 | 22.178 | 23782.184 | 33.056 | 1.015 | 14.736 |
| 9/7/2018 5:50 | 114600 | 72701 | 17932 | 165.707 | 30244.467 | 34964.941 | 22.172 | 23776.162 | 33.064 | 1.015 | 14.736 |
| 9/7/2018 5:55 | 114900 | 72702 | 17931 | 165.711 | 30249.668 | 34971.23 | 22.176 | 23780.439 | 33.058 | 1.015 | 14.735 |
| 9/7/2018 6:00 | 115200 | 72699 | 17931 | 165.703 | 30232.715 | 34951.691 | 22.162 | 23767.15 | 33.077 | 1.015 | 14.735 |
| 9/7/2018 6:05 | 115500 | 72701 | 17932 | 165.709 | 30252.303 | 34973.723 | 22.178 | 23782.131 | 33.055 | 1.015 | 14.736 |
| 9/7/2018 6:10 | 115800 | 72702 | 17932 | 165.709 | 30232.869 | 34951.578 | 22.167 | 23767.074 | 33.076 | 1.015 | 14.738 |
| 9/7/2018 6:15 | 116100 | 72701 | 17932 | 165.708 | 30242.893 | 34962.844 | 22.172 | 23774.26 | 33.066 | 1.015 | 14.739 |
| 9/7/2018 6:20 | 116400 | 72707 | 17931 | 165.721 | 30236.986 | 34956.629 | 22.166 | 23770.51 | 33.072 | 1.015 | 14.74 |
| 9/7/2018 6:25 | 116700 | 72702 | 17 | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|--------|-------|--------|---------|-----------|-----------|--------|-----------|--------|-------|--------|
| 9/13/2018 13:50 | 661800 | 72537 | 17.93 | 166.246 | 30264.547 | 34989.508 | 22.189 | 23792.865 | 33.042 | 1.016 | 14.74 |
| 9/13/2018 13:55 | 662100 | 72941 | 17.932 | 166.255 | 30255.488 | 34977.211 | 22.18 | 23784.506 | 33.052 | 1.015 | 14.739 |
| 9/13/2018 14:00 | 662400 | 72943 | 17.931 | 166.259 | 30282.441 | 35009.379 | 22.203 | 23806.377 | 33.022 | 1.016 | 14.738 |
| 9/13/2018 14:05 | 662700 | 72949 | 17.93 | 166.273 | 30264.924 | 34989.941 | 22.189 | 23793.162 | 33.042 | 1.016 | 14.738 |
| 9/13/2018 14:10 | 663000 | 72.95 | 17.932 | 166.275 | 30275.492 | 35000.809 | 22.197 | 23800.553 | 33.03 | 1.016 | 14.738 |
| 9/13/2018 14:15 | 663300 | 72945 | 17.93 | 166.264 | 30260.361 | 34984.938 | 22.186 | 23789.758 | 33.047 | 1.016 | 14.737 |
| 9/13/2018 14:20 | 663600 | 72947 | 17.931 | 166.269 | 30275.445 | 34991.891 | 22.19 | 23794.552 | 33.039 | 1.016 | 14.737 |
| 9/13/2018 14:25 | 663900 | 72951 | 17.932 | 166.278 | 30279.793 | 35005.246 | 22.2 | 23803.57 | 33.025 | 1.016 | 14.736 |
| 9/13/2018 14:30 | 664200 | 72.95 | 17.93 | 166.275 | 30286.063 | 35014.316 | 22.206 | 23809.738 | 33.018 | 1.016 | 14.736 |
| 9/13/2018 14:35 | 664500 | 72955 | 17.93 | 166.288 | 30267.078 | 34991.961 | 22.19 | 23794.535 | 33.039 | 1.016 | 14.735 |
| 9/13/2018 14:40 | 664800 | 72952 | 17.931 | 166.28 | 30258.873 | 34981.73 | 22.183 | 23787.576 | 33.048 | 1.016 | 14.735 |
| 9/13/2018 14:45 | 665100 | 72955 | 17.931 | 166.287 | 30284.547 | 35011.754 | 22.204 | 23807.992 | 33.02 | 1.016 | 14.734 |
| 9/13/2018 14:50 | 665400 | 166.3 | 17.932 | 166.291 | 30270.779 | 34995.891 | 22.194 | 23797.207 | 33.035 | 1.016 | 14.733 |
| 9/13/2018 14:55 | 665700 | 72958 | 17.931 | 166.316 | 30281.42 | 35008.141 | 22.202 | 23805.537 | 33.024 | 1.016 | 14.731 |
| 9/13/2018 15:00 | 666000 | 72966 | 17.93 | 166.311 | 30264.736 | 34989.324 | 22.189 | 23792.742 | 33.042 | 1.016 | 14.729 |
| 9/13/2018 15:05 | 666300 | 72981 | 17.929 | 166.347 | 30250.854 | 34974.086 | 22.178 | 23782.379 | 33.057 | 1.015 | 14.729 |
| 9/13/2018 15:10 | 666600 | 72962 | 17.93 | 166.302 | 30252.133 | 34974.816 | 22.178 | 23782.877 | 33.056 | 1.016 | 14.73 |
| 9/13/2018 15:15 | 666900 | 72984 | 17.932 | 166.353 | 30282.666 | 35008.902 | 22.202 | 23806.055 | 33.022 | 1.016 | 14.73 |
| 9/13/2018 15:20 | 667200 | 72971 | 17.93 | 166.322 | 30279.305 | 35005.566 | 22.196 | 23804.82 | 33.026 | 1.016 | 14.729 |
| 9/13/2018 15:25 | 667500 | 72963 | 17.93 | 166.306 | 30263.734 | 34988.301 | 22.188 | 23792.045 | 33.043 | 1.016 | 14.728 |
| 9/13/2018 15:30 | 667800 | 72.97 | 17.932 | 166.321 | 30277.775 | 35002.914 | 22.198 | 23801.982 | 33.028 | 1.016 | 14.727 |
| 9/13/2018 15:35 | 668100 | 72965 | 17.932 | 166.309 | 30278.49 | 35004.141 | 22.199 | 23802.818 | 33.027 | 1.016 | 14.725 |
| 9/13/2018 15:40 | 668400 | 72967 | 17.932 | 166.315 | 30269.811 | 34993.707 | 22.192 | 23795.721 | 33.036 | 1.016 | 14.724 |
| 9/13/2018 15:45 | 668700 | 72968 | 17.93 | 166.315 | 30265.965 | 34990.879 | 22.19 | 23793.801 | 33.04 | 1.016 | 14.722 |
| 9/13/2018 15:50 | 669000 | 72966 | 17.932 | 166.313 | 30259.996 | 34982.133 | 22.184 | 23787.852 | 33.047 | 1.016 | 14.723 |
| 9/13/2018 15:55 | 669300 | 72966 | 17.932 | 166.313 | 30274.73 | 34999.855 | 22.189 | 23799.906 | 33.031 | 1.016 | 14.725 |
| 9/13/2018 16:00 | 669600 | 72.96 | 17.93 | 166.298 | 30261.715 | 34985.969 | 22.186 | 23790.461 | 33.045 | 1.016 | 14.726 |
| 9/13/2018 16:05 | 669900 | 72959 | 17.931 | 166.297 | 30269.471 | 34994.383 | 22.192 | 23796.182 | 33.037 | 1.016 | 14.726 |
| 9/13/2018 16:10 | 670200 | 72955 | 17.932 | 166.287 | 30264.008 | 34987.199 | 22.187 | 23791.297 | 33.043 | 1.016 | 14.726 |
| 9/13/2018 16:15 | 670500 | 72957 | 17.931 | 166.293 | 30263.271 | 34987.16 | 22.187 | 23791.271 | 33.043 | 1.016 | 14.726 |
| 9/13/2018 16:20 | 670800 | 72943 | 17.931 | 166.304 | 30264.107 | 34988.262 | 22.188 | 23792.02 | 33.042 | 1.016 | 14.723 |
| 9/13/2018 16:25 | 671100 | 72.96 | 17.93 | 166.299 | 30266.391 | 34991.574 | 22.19 | 23794.273 | 33.04 | 1.016 | 14.72 |
| 9/13/2018 16:30 | 671400 | 72958 | 17.93 | 166.293 | 30264.271 | 34988.715 | 22.188 | 23792.328 | 33.042 | 1.016 | 14.716 |
| 9/13/2018 16:35 | 671700 | 72963 | 17.93 | 166.306 | 30264.271 | 34988.922 | 22.188 | 23792.467 | 33.042 | 1.016 | 14.715 |
| 9/13/2018 16:40 | 672000 | 72981 | 17.931 | 166.347 | 30267.748 | 34992.133 | 22.191 | 23794.65 | 33.038 | 1.016 | 14.714 |
| 9/13/2018 16:45 | 672300 | 72963 | 17.93 | 166.305 | 30272.771 | 34998.949 | 22.195 | 23799.285 | 33.033 | 1.016 | 14.714 |
| 9/13/2018 16:50 | 672600 | 72981 | 17.93 | 166.345 | 30265.577 | 34975.777 | 22.179 | 23783.31 | 33.055 | 1.016 | 14.713 |
| 9/13/2018 16:55 | 672900 | 72964 | 17.932 | 166.307 | 30251.705 | 34973.584 | 22.178 | 23783.312 | 33.056 | 1.016 | 14.713 |
| 9/13/2018 17:00 | 673200 | 72957 | 17.932 | 166.292 | 30266.604 | 34990.398 | 22.189 | 23793.473 | 33.04 | 1.016 | 14.713 |
| 9/13/2018 17:05 | 673500 | 72959 | 17.931 | 166.296 | 30258.834 | 34981.887 | 22.183 | 23787.686 | 33.048 | 1.016 | 14.712 |
| 9/13/2018 17:10 | 673800 | 72959 | 17.932 | 166.296 | 30274.346 | 34999.207 | 22.196 | 23799.461 | 33.031 | 1.016 | 14.712 |
| 9/13/2018 17:15 | 674100 | 72959 | 17.929 | 166.297 | 30273.496 | 35000.188 | 22.196 | 23800.129 | 33.032 | 1.016 | 14.712 |
| 9/13/2018 17:20 | 674400 | 72956 | 17.931 | 166.289 | 30261.816 | 34985.199 | 22.186 | 23789.936 | 33.045 | 1.016 | 14.711 |
| 9/13/2018 17:25 | 674700 | 72952 | 17.932 | 166.281 | 30264.025 | 34988.457 | 22.191 | 23792.152 | 33.042 | 1.016 | 14.711 |
| 9/13/2018 17:30 | 675000 | 72.95 | 17.932 | 166.275 | 30271.49 | 34996.113 | 22.193 | 23797.359 | 33.034 | 1.016 | 14.711 |
| 9/13/2018 17:35 | 675300 | 72945 | 17.93 | 166.265 | 30272.398 | 34998.582 | 22.195 | 23799.035 | 33.033 | 1.016 | 14.713 |
| 9/13/2018 17:40 | 675600 | 72941 | 17.93 | 166.255 | 30268.057 | 34993.699 | 22.192 | 23795.715 | 33.038 | 1.016 | 14.715 |
| 9/13/2018 17:45 | 675900 | 72938 | 17.932 | 166.248 | 30262.189 | 34985.359 | 22.186 | 23790.047 | 33.045 | 1.016 | 14.716 |
| 9/13/2018 17:50 | 676200 | 72961 | 17.93 | 166.3 | 30276.58 | 35003.418 | 22.198 | 23802.326 | 33.029 | 1.016 | 14.714 |
| 9/13/2018 17:55 | 676500 | 72942 | 17.93 | 166.257 | 30292.348 | 35001.383 | 22.211 | 23814.543 | 33.012 | 1.016 | 14.711 |
| 9/13/2018 18:00 | 676800 | 72938 | 17.931 | 166.248 | 30273.283 | 34999 | 22.195 | 23799.322 | 33.032 | 1.016 | 14.709 |
| 9/13/2018 18:05 | 677100 | 72958 | 17.932 | 166.293 | 30277.787 | 35003.328 | 22.198 | 23802.266 | 33.028 | 1.016 | 14.708 |
| 9/13/2018 18:10 | 677400 | 72938 | 17.932 | 166.248 | 30262.166 | 34985.07 | 22.186 | 23789.848 | 33.045 | 1.016 | 14.708 |
| 9/13/2018 18:15 | 677700 | 72931 | 17.932 | 166.233 | 30277.07 | 35002.5 | 22.198 | 23801.703 | 33.028 | 1.016 | 14.707 |
| 9/13/2018 18:20 | 678000 | 72932 | 17.931 | 166.235 | 30250.203 | 34971.852 | 22.176 | 23780.861 | 33.058 | 1.015 | 14.707 |
| 9/13/2018 18:25 | 678300 | 72936 | 17.93 | 166.221 | 30276.354 | 35002.82 | 22.198 | 23801.92 | 33.029 | 1.016 | 14.706 |
| 9/13/2018 18:30 | 678600 | 72928 | 17.93 | 166.225 | 30274.184 | 35000.582 | 22.196 | 23800.398 | 33.031 | 1.016 | 14.706 |
| 9/13/2018 18:35 | 678900 | 72931 | 17.931 | 166.233 | 30270.479 | 34995.215 | 22.193 | 23796.748 | 33.035 | 1.016 | 14.706 |
| 9/13/2018 18:40 | 679200 | 72923 | 17.932 | 166.213 | 30262.205 | 34985.043 | 22.186 | 23789.832 | 33.045 | 1.016 | 14.707 |
| 9/13/2018 18:45 | 679500 | 72918 | 17.931 | 166.203 | 30274.863 | 35000.359 | 22.196 | 23800.246 | 33.031 | 1.016 | 14.708 |
| 9/13/2018 18:50 | 679800 | 72918 | 17.931 | 166.203 | 30275.02 | 35000.797 | 22.197 | 23800.545 | 33.031 | 1.016 | 14.706 |
| 9/13/2018 18:55 | 680100 | 72917 | 17.931 | 166.201 | 30262.895 | 34986.883 | 22.19 | 23790.74 | 33.044 | 1.016 | 14.705 |
| 9/13/2018 19:00 | 680400 | 72921 | 17.93 | 166.208 | 30277.225 | 35003.762 | 22.199 | 23802.559 | 33.028 | 1.016 | 14.704 |
| 9/13/2018 19:05 | 680700 | 72916 | 17.93 | 166.197 | 30276.504 | 35002.855 | 22.198 | 23801.943 | 33.029 | 1.016 | 14.705 |
| 9/13/2018 19:10 | 681000 | 72913 | 17.93 | 166.192 | 30257.572 | 34981.176 | 22.183 | 23787.201 | 33.05 | 1.016 | 14.706 |
| 9/13/2018 19:15 | 681300 | 72909 | 17.93 | 166.182 | 30264.195 | 34989.102 | 22.188 | 23792.592 | 33.042 | 1.016 | 14.707 |
| 9/13/2018 19:20 | 681600 | 72907 | 17.93 | 166.178 | 30263.395 | 34988.043 | 22.188 | 23791.871 | 33.043 | 1.016 | 14.708 |
| 9/13/2018 19:25 | 681900 | 72906 | 17.93 | 166.176 | 30262.786 | 34985.28 | 22.186 | 23789.996 | 33.045 | 1.016 | 14.708 |
| 9/13/2018 19:30 | 682200 | 72897 | 17.931 | 166.154 | 30253.477 | 34975.637 | 22.179 | 23783.434 | 33.054 | 1.015 | 14.709 |
| 9/13/2018 19:35 | 682500 | 72917 | 17.93 | 166.201 | 30266.99 | 34992.602 | 22.191 | 23794.969 | 33.039 | 1.016 | 14.71 |
| 9/13/2018 19:40 | 682800 | 72894 | 17.93 | 166.148 | 30277.197 | 35003.867 | 22.199 | 23802.631 | 33.028 | 1.016 | 14.712 |
| 9/13/2018 19:45 | 683100 | 72912 | 17.932 | 166.188 | 30266.342 | 34990.16 | 22.189 | 23793.311 | 33.04 | 1.016 | 14.713 |
| 9/13/2018 19:50 | 683400 | 72886 | 17.931 | 166.129 | 30268.771 | 34993.316 | 22.191 | 23795.455 | 33.037 | 1.016 | 14.713 |
| 9/13/2018 19:55 | 683700 | 72895 | 17.93 | 166.13 | 30276.354 | 35008.48 | 22.202 | 23805.77 | 33.023 | 1.016 | 14.715 |
| 9/13/2018 20:00 | 684000 | 72884 | 17.932 | 166.124 | 30266.129 | 34989.852 | 22.189 | 23793.1 | 33.04 | 1.016 | 14.712 |
| 9/13/2018 20:05 | 684300 | 72881 | 17.93 | 166.118 | 30265.338 | 34990.082 | 22.189 | 23793.256 | 33.041 | 1.016 | 14.713 |
| 9/13/2018 20:10 | 684600 | 72879 | 17.931 | 166.113 | 30275.354 | 35000.984 | 22.197 | 23800.67 | 33.03 | 1.016 | 14.713 |
| 9/13/2018 20:15 | 684900 | 72.88 | 17.93 | 166.117 | 30279.363 | 35006.164 | 22.2 | 23804.191 | 33.026 | 1.016 | 14.713 |
| 9/13/2018 20:20 | 685200 | 72875 | 17.931 | 166.105 | 30273.996 | 34999.754 | 22.196 | 23799.834 | 33.032 | 1.016 | 14.714 |
| 9/13/2018 20:25 | 685500 | 72871 | 17.932 | 166.096 | 30264.436 | 34988.098 | 22.188 | 23791.988 | 33.042 | 1.016 | 14.716 |
| 9/13/2018 20:30 | 685800 | 72868 | 17.931 | 166.088 | 30258.107 | 34980.848 | 22.183 | 23786.979 | | | |

| | | | | | | | | | | | |
|-----------------|--------|-------|-------|---------|-----------|-----------|--------|-----------|--------|-------|--------|
| 9/14/2018 7:25 | 725100 | 72893 | 17931 | 166.146 | 30274.5 | 35000.406 | 22.196 | 23800.277 | 33.031 | 1.016 | 14.708 |
| 9/14/2018 7:30 | 725400 | 72894 | 17931 | 166.147 | 30273.434 | 34998.965 | 22.195 | 23799.297 | 33.032 | 1.016 | 14.707 |
| 9/14/2018 7:35 | 725700 | 72889 | 17931 | 166.137 | 30281.877 | 35008.598 | 22.202 | 23805.848 | 33.023 | 1.016 | 14.708 |
| 9/14/2018 7:40 | 726000 | 72883 | 17931 | 166.123 | 30279.881 | 35006.293 | 22.201 | 23804.281 | 33.025 | 1.016 | 14.709 |
| 9/14/2018 7:45 | 726300 | 72884 | 17931 | 166.126 | 30292.744 | 35021.367 | 22.211 | 23814.531 | 33.011 | 1.016 | 14.711 |
| 9/14/2018 7:50 | 726600 | 72883 | 17931 | 166.122 | 30271.439 | 34996.738 | 22.194 | 23797.785 | 33.034 | 1.016 | 14.712 |
| 9/14/2018 7:55 | 726900 | 72876 | 17931 | 166.108 | 30285.154 | 35014.066 | 22.207 | 23810.339 | 33.017 | 1.016 | 14.713 |
| 9/14/2018 8:00 | 727200 | 72872 | 17931 | 166.098 | 30277.135 | 35003.246 | 22.198 | 23802.207 | 33.028 | 1.016 | 14.715 |
| 9/14/2018 8:05 | 727500 | 72876 | 17931 | 166.107 | 30282.734 | 35009.461 | 22.203 | 23806.436 | 33.022 | 1.016 | 14.714 |
| 9/14/2018 8:10 | 727800 | 72877 | 17931 | 166.109 | 30273.297 | 34998.473 | 22.195 | 23798.961 | 33.032 | 1.016 | 14.712 |
| 9/14/2018 8:15 | 728100 | 72876 | 17931 | 166.106 | 30271.939 | 34997.039 | 22.194 | 23797.986 | 33.034 | 1.016 | 14.711 |
| 9/14/2018 8:20 | 728400 | 72881 | 17931 | 166.118 | 30280.816 | 35007.371 | 22.201 | 23805.014 | 33.024 | 1.016 | 14.71 |
| 9/14/2018 8:25 | 728700 | 72878 | 17931 | 166.111 | 30274.008 | 34999.766 | 22.196 | 23799.844 | 33.032 | 1.016 | 14.709 |
| 9/14/2018 8:30 | 729000 | 72896 | 17931 | 166.153 | 30254.938 | 34977.246 | 22.18 | 23784.529 | 33.052 | 1.016 | 14.708 |
| 9/14/2018 8:35 | 729300 | 72876 | 17931 | 166.106 | 30269.783 | 34994.883 | 22.193 | 23796.521 | 33.036 | 1.016 | 14.708 |
| 9/14/2018 8:40 | 729600 | 72871 | 17931 | 166.095 | 30277.725 | 35003.59 | 22.199 | 23802.443 | 33.028 | 1.016 | 14.709 |
| 9/14/2018 8:45 | 729900 | 72874 | 17931 | 166.103 | 30284.924 | 35011.914 | 22.204 | 23808.104 | 33.02 | 1.016 | 14.709 |
| 9/14/2018 8:50 | 730200 | 72876 | 17931 | 166.106 | 30267.596 | 34992.293 | 22.191 | 23794.762 | 33.039 | 1.016 | 14.709 |
| 9/14/2018 8:55 | 730500 | 72873 | 17931 | 166.103 | 30274.863 | 35000.095 | 22.197 | 23802.75 | 33.031 | 1.016 | 14.709 |
| 9/14/2018 9:00 | 730800 | 72871 | 17931 | 166.095 | 30279.688 | 35006.402 | 22.201 | 23804.354 | 33.025 | 1.016 | 14.709 |
| 9/14/2018 9:05 | 731100 | 72891 | 1793 | 166.142 | 30280.217 | 35007.148 | 22.201 | 23804.863 | 33.025 | 1.016 | 14.708 |
| 9/14/2018 9:10 | 731400 | 72869 | 17931 | 166.092 | 30274.578 | 35000.16 | 22.196 | 23800.109 | 33.031 | 1.016 | 14.708 |
| 9/14/2018 9:15 | 731700 | 72868 | 17931 | 166.088 | 30287.203 | 35015.09 | 22.207 | 23810.262 | 33.017 | 1.016 | 14.707 |
| 9/14/2018 9:20 | 732000 | 7287 | 17931 | 166.093 | 30268.008 | 34992.77 | 22.191 | 23795.086 | 33.038 | 1.016 | 14.706 |
| 9/14/2018 9:25 | 732300 | 72877 | 17931 | 166.106 | 30266.999 | 34991.246 | 22.19 | 23794.049 | 33.039 | 1.016 | 14.705 |
| 9/14/2018 9:30 | 732600 | 72879 | 17931 | 166.114 | 30268.342 | 34993.02 | 22.191 | 23795.256 | 33.038 | 1.016 | 14.704 |
| 9/14/2018 9:35 | 732900 | 72874 | 17931 | 166.102 | 30262.717 | 34986.449 | 22.187 | 23790.787 | 33.044 | 1.016 | 14.705 |
| 9/14/2018 9:40 | 733200 | 72875 | 17931 | 166.104 | 30282.854 | 35009.855 | 22.203 | 23806.701 | 33.022 | 1.016 | 14.705 |
| 9/14/2018 9:45 | 733500 | 72871 | 17931 | 166.095 | 30281.896 | 35008.691 | 22.202 | 23805.912 | 33.023 | 1.016 | 14.706 |
| 9/14/2018 9:50 | 733800 | 72872 | 17931 | 166.097 | 30274.383 | 34999.805 | 22.196 | 23799.867 | 33.031 | 1.016 | 14.708 |
| 9/14/2018 9:55 | 734100 | 7287 | 17931 | 166.092 | 30267.682 | 34992.656 | 22.191 | 23795.608 | 33.039 | 1.016 | 14.711 |
| 9/14/2018 10:00 | 734400 | 72866 | 17931 | 166.083 | 30281.223 | 35008.109 | 22.202 | 23805.516 | 33.024 | 1.016 | 14.713 |
| 9/14/2018 10:05 | 734700 | 72887 | 17931 | 166.131 | 30272.982 | 34998.652 | 22.195 | 23799.086 | 33.033 | 1.016 | 14.713 |
| 9/14/2018 10:10 | 735000 | 72891 | 17931 | 166.141 | 30261.502 | 34985.25 | 22.186 | 23789.973 | 33.045 | 1.016 | 14.713 |
| 9/14/2018 10:15 | 735300 | 72866 | 17931 | 166.083 | 30286.367 | 35013.859 | 22.206 | 23809.426 | 33.018 | 1.016 | 14.713 |
| 9/14/2018 10:20 | 735600 | 72871 | 17931 | 166.096 | 30268.895 | 34993.461 | 22.192 | 23795.553 | 33.037 | 1.016 | 14.712 |
| 9/14/2018 10:25 | 735900 | 7287 | 17931 | 166.093 | 30280.523 | 35007.223 | 22.201 | 23804.912 | 33.025 | 1.016 | 14.71 |
| 9/14/2018 10:30 | 736200 | 72875 | 17931 | 166.105 | 30280.586 | 35007.055 | 22.201 | 23804.785 | 33.024 | 1.016 | 14.709 |
| 9/14/2018 10:35 | 736500 | 72875 | 17931 | 166.104 | 30259.947 | 34983.316 | 22.184 | 23788.658 | 33.047 | 1.016 | 14.708 |
| 9/14/2018 10:40 | 736800 | 72877 | 17931 | 166.108 | 30275.438 | 35001.152 | 22.197 | 23800.785 | 33.03 | 1.016 | 14.707 |
| 9/14/2018 10:45 | 737100 | 7288 | 17931 | 166.117 | 30268.758 | 34993.559 | 22.192 | 23795.619 | 33.037 | 1.016 | 14.705 |
| 9/14/2018 10:50 | 737400 | 72879 | 17931 | 166.114 | 30281.174 | 35008.051 | 22.202 | 23805.475 | 33.024 | 1.016 | 14.706 |
| 9/14/2018 10:55 | 737700 | 72879 | 17931 | 166.114 | 30260.578 | 34983.77 | 22.185 | 23788.968 | 33.046 | 1.016 | 14.706 |
| 9/14/2018 11:00 | 738000 | 72882 | 17931 | 166.112 | 30281.732 | 35008.599 | 22.202 | 23805.688 | 33.023 | 1.016 | 14.706 |
| 9/14/2018 11:05 | 738300 | 72879 | 17931 | 166.113 | 30268.996 | 34993.914 | 22.192 | 23795.861 | 33.037 | 1.016 | 14.706 |
| 9/14/2018 11:10 | 738600 | 72881 | 17931 | 166.118 | 30281.447 | 35008.508 | 22.202 | 23805.785 | 33.024 | 1.016 | 14.705 |
| 9/14/2018 11:15 | 738900 | 72882 | 17931 | 166.121 | 30260.729 | 34984.484 | 22.185 | 23789.449 | 33.046 | 1.016 | 14.704 |
| 9/14/2018 11:20 | 739200 | 72886 | 1793 | 166.13 | 30257.631 | 34981.039 | 22.183 | 23787.109 | 33.05 | 1.016 | 14.705 |
| 9/14/2018 11:25 | 739500 | 72882 | 17931 | 166.12 | 30268.484 | 34992.884 | 22.191 | 23795.23 | 33.038 | 1.016 | 14.705 |
| 9/14/2018 11:30 | 739800 | 72888 | 17931 | 166.134 | 30277.234 | 35002.837 | 22.199 | 23802.473 | 33.028 | 1.016 | 14.706 |
| 9/14/2018 11:35 | 740100 | 72881 | 17931 | 166.119 | 30261.877 | 34985.684 | 22.186 | 23790.266 | 33.045 | 1.016 | 14.706 |
| 9/14/2018 11:40 | 740400 | 72887 | 17931 | 166.131 | 30269.184 | 34994.328 | 22.192 | 23796.145 | 33.037 | 1.016 | 14.705 |
| 9/14/2018 11:45 | 740700 | 72892 | 17931 | 166.143 | 30272.719 | 34998.012 | 22.195 | 23798.648 | 33.033 | 1.016 | 14.705 |
| 9/14/2018 11:50 | 741000 | 72887 | 1793 | 166.133 | 30279.58 | 35006.551 | 22.201 | 23804.457 | 33.026 | 1.016 | 14.705 |
| 9/14/2018 11:55 | 741300 | 72893 | 17931 | 166.146 | 30277.846 | 35003.938 | 22.199 | 23802.68 | 33.027 | 1.016 | 14.706 |
| 9/14/2018 12:00 | 741600 | 72894 | 17931 | 166.149 | 30278.686 | 35004.91 | 22.2 | 23803.342 | 33.027 | 1.016 | 14.706 |
| 9/14/2018 12:05 | 741900 | 72893 | 17931 | 166.145 | 30262.277 | 34985.941 | 22.186 | 23790.441 | 33.044 | 1.016 | 14.706 |
| 9/14/2018 12:10 | 742200 | 72892 | 17931 | 166.144 | 30262.014 | 34985.563 | 22.186 | 23790.184 | 33.045 | 1.016 | 14.706 |
| 9/14/2018 12:15 | 742500 | 7289 | 17931 | 166.138 | 30287.322 | 35015.023 | 22.207 | 23810.219 | 33.017 | 1.016 | 14.705 |
| 9/14/2018 12:20 | 742800 | 72894 | 17931 | 166.148 | 30283.111 | 35009.895 | 22.203 | 23806.73 | 33.022 | 1.016 | 14.706 |
| 9/14/2018 12:25 | 743100 | 7289 | 17931 | 166.162 | 30287.338 | 35015.246 | 22.207 | 23810.367 | 33.017 | 1.016 | 14.706 |
| 9/14/2018 12:30 | 743400 | 72898 | 17931 | 166.156 | 30278.983 | 34992.448 | 22.199 | 23794.799 | 33.038 | 1.016 | 14.706 |
| 9/14/2018 12:35 | 743700 | 7289 | 17931 | 166.161 | 30267.004 | 34991.402 | 22.19 | 23794.154 | 33.039 | 1.016 | 14.704 |
| 9/14/2018 12:40 | 744000 | 72926 | 17931 | 166.22 | 30273.096 | 34998.652 | 22.195 | 23799.086 | 33.033 | 1.016 | 14.702 |
| 9/14/2018 12:45 | 744300 | 72909 | 17931 | 166.182 | 30265.35 | 34989.363 | 22.189 | 23792.768 | 33.041 | 1.016 | 14.699 |
| 9/14/2018 12:50 | 744600 | 72911 | 17931 | 166.186 | 30280.994 | 35007.504 | 22.201 | 23805.105 | 33.024 | 1.016 | 14.7 |
| 9/14/2018 12:55 | 744900 | 72914 | 17931 | 166.194 | 30259.734 | 34983.266 | 22.184 | 23788.621 | 33.047 | 1.016 | 14.701 |
| 9/14/2018 13:00 | 745200 | 72915 | 17931 | 166.196 | 30285.996 | 30280.23 | 22.203 | 23804.693 | 33.025 | 1.016 | 14.702 |
| 9/14/2018 13:05 | 745500 | 72918 | 17931 | 166.202 | 30270.027 | 34995.105 | 22.193 | 23796.672 | 33.036 | 1.016 | 14.699 |
| 9/14/2018 13:10 | 745800 | 72919 | 17931 | 166.205 | 30262.506 | 34986.203 | 22.186 | 23790.621 | 33.044 | 1.016 | 14.697 |
| 9/14/2018 13:15 | 746100 | 72923 | 17931 | 166.215 | 30273.109 | 34998.797 | 22.195 | 23799.184 | 33.033 | 1.016 | 14.695 |
| 9/14/2018 13:20 | 746400 | 72928 | 17931 | 166.226 | 30262.555 | 34986.188 | 22.186 | 23790.609 | 33.044 | 1.016 | 14.694 |
| 9/14/2018 13:25 | 746700 | 72932 | 17932 | 166.233 | 30260.477 | 34983.52 | 22.185 | 23788.793 | 33.046 | 1.016 | 14.693 |
| 9/14/2018 13:30 | 747000 | 72933 | 17931 | 166.233 | 30270.91 | 34995.91 | 22.193 | 23797.21 | 33.035 | 1.016 | 14.692 |
| 9/14/2018 13:35 | 747300 | 72937 | 17931 | 166.246 | 30269.146 | 34993.672 | 22.192 | 23795.697 | 33.037 | 1.016 | 14.692 |
| 9/14/2018 13:40 | 747600 | 72934 | 17931 | 166.239 | 30267.742 | 34992.129 | 22.191 | 23794.648 | 33.038 | 1.016 | 14.692 |
| 9/14/2018 13:45 | 747900 | 72934 | 17931 | 166.24 | 30282.484 | 35009.508 | 22.203 | 23806.465 | 33.022 | 1.016 | 14.692 |
| 9/14/2018 13:50 | 748200 | 72942 | 17931 | 166.257 | 30273.57 | 34998.723 | 22.195 | 23799.131 | 33.032 | 1.016 | 14.692 |
| 9/14/2018 13:55 | 748500 | 72939 | 17931 | 166.25 | 30263.545 | 34987.609 | 22.187 | 23791.574 | 33.043 | 1.016 | 14.692 |
| 9/14/2018 14:00 | 748800 | 72942 | 17931 | 166.257 | 30273.424 | 34999.09 | 22.195 | 23799.381 | 33.032 | 1.016 | 14.693 |
| 9/14/2018 14:05 | 749100 | 72943 | 17931 | 166.261 | 30267.105 | 35014.91 | 22.207 | 23810.141 | 33.017 | 1.016 | 14.692 |
| 9/14/2018 14:10 | 749400 | | | | | | | | | | |

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|----------------|--------|--------|-------|---------|-----------|-----------|--------|-----------|--------|-------|--------|
| 9/15/2018 1:00 | 788400 | 72862 | 17931 | 166.074 | 30264.547 | 34988.828 | 22.188 | 23792.406 | 33.042 | 1.016 | 14.669 |
| 9/15/2018 1:05 | 788700 | 72861 | 17931 | 166.074 | 30268.184 | 34992.895 | 22.191 | 23795.17 | 33.048 | 1.016 | 14.669 |
| 9/15/2018 1:10 | 789000 | 72864 | 17931 | 166.08 | 30288.758 | 35016.758 | 22.208 | 23811.398 | 33.016 | 1.016 | 14.67 |
| 9/15/2018 1:15 | 789300 | 72861 | 17931 | 166.073 | 30286.168 | 35013.895 | 22.206 | 23809.449 | 33.018 | 1.016 | 14.67 |
| 9/15/2018 1:20 | 789600 | 72863 | 17931 | 166.078 | 30267.756 | 34992.273 | 22.191 | 23794.746 | 33.038 | 1.016 | 14.671 |
| 9/15/2018 1:25 | 789900 | 72866 | 17931 | 166.084 | 30286.488 | 35014.195 | 22.206 | 23809.654 | 33.018 | 1.016 | 14.671 |
| 9/15/2018 1:30 | 790200 | 72868 | 17931 | 166.088 | 30283.988 | 34986.738 | 22.187 | 23805.842 | 33.034 | 1.016 | 14.672 |
| 9/15/2018 1:35 | 790500 | 72861 | 17931 | 166.074 | 30265.514 | 34989.75 | 22.189 | 23793.029 | 33.041 | 1.016 | 14.674 |
| 9/15/2018 1:40 | 790800 | 72864 | 17931 | 166.08 | 30280.381 | 35006.996 | 22.201 | 23804.758 | 33.025 | 1.016 | 14.675 |
| 9/15/2018 1:45 | 791100 | 72864 | 17931 | 166.08 | 30279.504 | 35006.191 | 22.2 | 23804.213 | 33.026 | 1.016 | 14.677 |
| 9/15/2018 1:50 | 791400 | 72863 | 17931 | 166.077 | 30273.172 | 34998.801 | 22.195 | 23799.188 | 33.033 | 1.016 | 14.676 |
| 9/15/2018 1:55 | 791700 | 72865 | 17931 | 166.081 | 30272.445 | 34997.695 | 22.194 | 23798.436 | 33.033 | 1.016 | 14.676 |
| 9/15/2018 2:00 | 792000 | 72866 | 17931 | 166.083 | 30270.227 | 34995.059 | 22.193 | 23796.043 | 33.036 | 1.016 | 14.676 |
| 9/15/2018 2:05 | 792300 | 72868 | 17931 | 166.089 | 30269.197 | 34993.941 | 22.192 | 23795.881 | 33.037 | 1.016 | 14.674 |
| 9/15/2018 2:10 | 792600 | 72871 | 17931 | 166.095 | 30275.498 | 35001.293 | 22.197 | 23800.881 | 33.03 | 1.016 | 14.673 |
| 9/15/2018 2:15 | 792900 | 72875 | 17931 | 166.105 | 30256.432 | 34979.586 | 22.182 | 23786.119 | 33.051 | 1.016 | 14.672 |
| 9/15/2018 2:20 | 793200 | 72872 | 17931 | 166.098 | 30282.672 | 35009.781 | 22.203 | 23806.654 | 33.022 | 1.016 | 14.672 |
| 9/15/2018 2:25 | 793500 | 72874 | 17931 | 166.103 | 30261.641 | 34985.203 | 22.186 | 23789.938 | 33.045 | 1.016 | 14.673 |
| 9/15/2018 2:30 | 793800 | 72879 | 17931 | 166.109 | 30285.992 | 35013.148 | 22.195 | 23808.943 | 33.014 | 1.016 | 14.674 |
| 9/15/2018 2:35 | 794100 | 72879 | 17931 | 166.115 | 30279.277 | 35005.52 | 22.2 | 23803.754 | 33.026 | 1.016 | 14.672 |
| 9/15/2018 2:40 | 794400 | 72.88 | 17931 | 166.117 | 30263.773 | 34987.539 | 22.187 | 23791.529 | 33.043 | 1.016 | 14.67 |
| 9/15/2018 2:45 | 794700 | 72.882 | 17931 | 166.12 | 30294.979 | 35023.875 | 22.213 | 23816.234 | 33.009 | 1.016 | 14.668 |
| 9/15/2018 2:50 | 795000 | 72.883 | 17931 | 166.123 | 30294.434 | 35023.449 | 22.212 | 23815.947 | 33.009 | 1.016 | 14.67 |
| 9/15/2018 2:55 | 795300 | 72.884 | 17931 | 166.125 | 30276.668 | 35002.648 | 22.198 | 23801.801 | 33.029 | 1.016 | 14.671 |
| 9/15/2018 3:00 | 795600 | 72.883 | 17931 | 166.122 | 30278.284 | 35004.258 | 22.195 | 23802.898 | 33.027 | 1.016 | 14.673 |
| 9/15/2018 3:05 | 795900 | 72.881 | 17931 | 166.118 | 30274.889 | 35000.391 | 22.196 | 23800.266 | 33.031 | 1.016 | 14.672 |
| 9/15/2018 3:10 | 796200 | 72.891 | 17931 | 166.141 | 30277.26 | 35003.262 | 22.198 | 23802.219 | 33.028 | 1.016 | 14.672 |
| 9/15/2018 3:15 | 796500 | 72.889 | 17931 | 166.136 | 30282.814 | 35009.754 | 22.203 | 23806.633 | 33.022 | 1.016 | 14.671 |
| 9/15/2018 3:20 | 796800 | 72.889 | 17931 | 166.137 | 30286.373 | 35014.063 | 22.206 | 23809.563 | 33.018 | 1.016 | 14.673 |
| 9/15/2018 3:25 | 797100 | 72.891 | 17.93 | 166.142 | 30271.941 | 34997.582 | 22.194 | 23798.357 | 33.034 | 1.016 | 14.674 |
| 9/15/2018 3:30 | 797400 | 72.888 | 17931 | 166.135 | 30282.545 | 35009.242 | 22.203 | 23806.285 | 33.022 | 1.016 | 14.672 |
| 9/15/2018 3:35 | 797700 | 72.894 | 17931 | 166.148 | 30293.533 | 35022.34 | 22.212 | 23815.193 | 33.01 | 1.016 | 14.674 |
| 9/15/2018 3:40 | 798000 | 72.898 | 17931 | 166.157 | 30266.766 | 34991.055 | 22.19 | 23793.918 | 33.04 | 1.016 | 14.671 |
| 9/15/2018 3:45 | 798300 | 72.898 | 17.93 | 166.158 | 30267.166 | 34992.133 | 22.191 | 23794.65 | 33.039 | 1.016 | 14.669 |
| 9/15/2018 3:50 | 798600 | 72.892 | 17931 | 166.143 | 30273.533 | 34998.879 | 22.195 | 23799.24 | 33.032 | 1.016 | 14.674 |
| 9/15/2018 3:55 | 798900 | 72.897 | 17931 | 166.154 | 30271.416 | 34996.574 | 22.194 | 23797.67 | 33.034 | 1.016 | 14.678 |
| 9/15/2018 4:00 | 799200 | 72.891 | 17931 | 166.141 | 30275.414 | 35001.254 | 22.197 | 23800.854 | 33.07 | 1.016 | 14.682 |
| 9/15/2018 4:05 | 799500 | 72.894 | 17931 | 166.149 | 30280.102 | 35006.883 | 22.201 | 23804.68 | 33.025 | 1.016 | 14.68 |
| 9/15/2018 4:10 | 799800 | 72.899 | 17931 | 166.159 | 30270.988 | 34996.082 | 22.193 | 23797.336 | 33.035 | 1.016 | 14.678 |
| 9/15/2018 4:15 | 800100 | 72.901 | 17931 | 166.164 | 30277.121 | 35002.828 | 22.198 | 23801.926 | 33.028 | 1.016 | 14.676 |
| 9/15/2018 4:20 | 800400 | 72.898 | 17931 | 166.157 | 30271.488 | 34996.316 | 22.194 | 23797.496 | 33.034 | 1.016 | 14.677 |
| 9/15/2018 4:25 | 800700 | 72.899 | 17931 | 166.158 | 30277.059 | 35002.898 | 22.198 | 23801.971 | 33.028 | 1.016 | 14.678 |
| 9/15/2018 4:30 | 801000 | 72.9 | 17931 | 166.161 | 30277.494 | 35003.738 | 22.199 | 23802.543 | 33.028 | 1.016 | 14.68 |
| 9/15/2018 4:35 | 801300 | 72.902 | 17931 | 166.165 | 30279.891 | 35006.23 | 22.2 | 23804.238 | 33.027 | 1.016 | 14.68 |
| 9/15/2018 4:40 | 801600 | 72.904 | 17.93 | 166.172 | 30280.641 | 35007.641 | 22.201 | 23805.197 | 33.024 | 1.016 | 14.681 |
| 9/15/2018 4:45 | 801900 | 72.903 | 17931 | 166.169 | 30274.049 | 34999.883 | 22.196 | 23799.922 | 33.032 | 1.016 | 14.681 |
| 9/15/2018 4:50 | 802200 | 72.904 | 17931 | 166.17 | 30266.752 | 34991.316 | 22.19 | 23794.096 | 33.04 | 1.016 | 14.682 |
| 9/15/2018 4:55 | 802500 | 72.902 | 17931 | 166.166 | 30268.445 | 34993.477 | 22.192 | 23795.564 | 33.038 | 1.016 | 14.683 |
| 9/15/2018 5:00 | 802800 | 72.904 | 17931 | 166.171 | 30255.639 | 34978.602 | 22.181 | 23785.449 | 33.052 | 1.016 | 14.684 |
| 9/15/2018 5:05 | 803100 | 72.903 | 17.93 | 166.167 | 30268.424 | 34993.59 | 22.192 | 23795.641 | 33.038 | 1.016 | 14.684 |
| 9/15/2018 5:10 | 803400 | 72.905 | 17931 | 166.172 | 30272.959 | 34998.289 | 22.195 | 23798.838 | 33.033 | 1.016 | 14.685 |
| 9/15/2018 5:15 | 803700 | 72.903 | 17931 | 166.168 | 30281.041 | 35007.836 | 22.202 | 23805.328 | 33.024 | 1.016 | 14.685 |
| 9/15/2018 5:20 | 804000 | 72.908 | 17931 | 166.181 | 30283.336 | 35010.156 | 22.203 | 23806.908 | 33.021 | 1.016 | 14.685 |
| 9/15/2018 5:25 | 804300 | 72.908 | 17931 | 166.18 | 30266.752 | 34991.184 | 22.19 | 23794.006 | 33.04 | 1.016 | 14.686 |
| 9/15/2018 5:30 | 804600 | 72.908 | 17.93 | 166.179 | 30281.33 | 35008.57 | 22.202 | 23805.83 | 33.024 | 1.016 | 14.686 |
| 9/15/2018 5:35 | 804900 | 72.907 | 17931 | 166.177 | 30299.961 | 35009.961 | 22.196 | 23799.977 | 33.031 | 1.016 | 14.685 |
| 9/15/2018 5:40 | 805200 | 72.908 | 17931 | 166.179 | 30272.959 | 34998.555 | 22.195 | 23799.02 | 33.033 | 1.016 | 14.684 |
| 9/15/2018 5:45 | 805500 | 72.927 | 17931 | 166.224 | 30293.973 | 35022.918 | 22.212 | 23815.584 | 33.01 | 1.016 | 14.684 |
| 9/15/2018 5:50 | 805800 | 72.936 | 17931 | 166.244 | 30265.551 | 34989.852 | 22.189 | 23793.1 | 33.041 | 1.016 | 14.684 |
| 9/15/2018 5:55 | 806100 | 72.91 | 17931 | 166.185 | 30273.346 | 34998.734 | 22.195 | 23799.139 | 33.032 | 1.016 | 14.685 |
| 9/15/2018 6:00 | 806400 | 72.908 | 17931 | 166.18 | 30286.146 | 35013.738 | 22.206 | 23809.344 | 33.018 | 1.016 | 14.686 |
| 9/15/2018 6:05 | 806700 | 72.908 | 17931 | 166.18 | 30273.184 | 34998.777 | 22.195 | 23808.965 | 33.033 | 1.016 | 14.687 |
| 9/15/2018 6:10 | 807000 | 72.903 | 17931 | 166.169 | 30269.746 | 34994.703 | 22.192 | 23796.4 | 33.036 | 1.016 | 14.688 |
| 9/15/2018 6:15 | 807300 | 72.905 | 17931 | 166.173 | 30260.752 | 34984.512 | 22.185 | 23789.471 | 33.046 | 1.016 | 14.69 |
| 9/15/2018 6:20 | 807600 | 72.906 | 17931 | 166.175 | 30275.816 | 35001.719 | 22.197 | 23801.17 | 33.03 | 1.016 | 14.688 |
| 9/15/2018 6:25 | 807900 | 72.912 | 17931 | 166.19 | 30270.852 | 34995.781 | 22.193 | 23797.133 | 33.035 | 1.016 | 14.686 |
| 9/15/2018 6:30 | 808200 | 72.914 | 17931 | 166.194 | 30279.811 | 35027.09 | 22.215 | 23818.422 | 33.006 | 1.016 | 14.685 |
| 9/15/2018 6:35 | 808500 | 72.907 | 17931 | 166.188 | 30297.284 | 35009.961 | 22.196 | 23808.125 | 33.034 | 1.016 | 14.688 |
| 9/15/2018 6:40 | 808800 | 72.907 | 17931 | 166.178 | 30267.191 | 34991.691 | 22.19 | 23794.352 | 33.039 | 1.016 | 14.691 |
| 9/15/2018 6:45 | 809100 | 72.902 | 17.93 | 166.166 | 30291.293 | 35019.957 | 22.21 | 23813.572 | 33.013 | 1.016 | 14.694 |
| 9/15/2018 6:50 | 809400 | 72.911 | 17931 | 166.186 | 30273.172 | 34998.738 | 22.195 | 23799.143 | 33.033 | 1.016 | 14.695 |
| 9/15/2018 6:55 | 809700 | 72.906 | 17931 | 166.175 | 30284.666 | 35012.16 | 22.205 | 23808.271 | 33.02 | 1.016 | 14.695 |
| 9/15/2018 7:00 | 810000 | 72.902 | 17931 | 166.166 | 30292.496 | 35021.281 | 22.211 | 23814.473 | 33.011 | 1.016 | 14.696 |
| 9/15/2018 7:05 | 810300 | 72.909 | 17931 | 166.181 | 30292.816 | 35002.816 | 22.208 | 23809.918 | 33.02 | 1.016 | 14.697 |
| 9/15/2018 7:10 | 810600 | 72.903 | 17931 | 166.168 | 30286.871 | 35014.301 | 22.206 | 23809.725 | 33.018 | 1.016 | 14.699 |
| 9/15/2018 7:15 | 810900 | 72.905 | 17.93 | 166.172 | 30274.346 | 35000.434 | 22.196 | 23800.297 | 33.031 | 1.016 | 14.701 |
| 9/15/2018 7:20 | 811200 | 72.9 | 17931 | 166.161 | 30287.762 | 35015.809 | 22.207 | 23810.75 | 33.017 | 1.016 | 14.702 |
| 9/15/2018 7:25 | 811500 | 72.923 | 17.93 | 166.213 | 30273.471 | 34999.559 | 22.196 | 23799.699 | 33.032 | 1.016 | 14.703 |
| 9/15/2018 7:30 | 811800 | 72.9 | 17931 | 166.162 | 30278.523 | 35004.793 | 22.199 | 23803.262 | 33.027 | 1.016 | 14.704 |
| 9/15/2018 7:35 | 812100 | 72.898 | 17931 | 166.157 | 30280.006 | 35006.438 | 22.201 | 23803.379 | 33.025 | 1.016 | 14.706 |
| 9/15/2018 7:40 | 812400 | 72.906 | 17931 | 166.174 | 30276.57 | 35002.465 | 22.198 | 23801.678 | 33.029 | 1.016 | 14.707 |
| 9/15/2018 7:45 | 812700 | 72.923 | 17.93 | 166.213 | 30267.365 | 34992.5 | 22.191 | 23794.9 | 33.039 | 1.016 | |

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|-----------------|--------|-------|-------|---------|-----------|-----------|--------|-----------|--------|-------|--------|
| 9/15/2018 18.35 | 851700 | 72961 | 17931 | 166.3 | 30284.559 | 35011.77 | 22.204 | 23808.004 | 33.02 | 1.016 | 14.691 |
| 9/15/2018 18.40 | 852000 | 72954 | 17931 | 166.284 | 30265.012 | 34989.508 | 22.189 | 23792.865 | 33.041 | 1.016 | 14.689 |
| 9/15/2018 18.45 | 852300 | 72955 | 17.93 | 166.288 | 30278.172 | 35004.922 | 22.2 | 23803.348 | 33.027 | 1.016 | 14.688 |
| 9/15/2018 18.50 | 852600 | 72956 | 17931 | 166.289 | 30272.115 | 34997.578 | 22.194 | 23798.355 | 33.034 | 1.016 | 14.687 |
| 9/15/2018 18.55 | 852900 | 72958 | 17931 | 166.294 | 30275.449 | 35001.094 | 22.197 | 23800.744 | 33.03 | 1.016 | 14.686 |
| 9/15/2018 19.00 | 853200 | 72958 | 17931 | 166.293 | 30258.799 | 34982.324 | 22.184 | 23787.98 | 33.048 | 1.016 | 14.685 |
| 9/15/2018 19.05 | 853500 | 72954 | 17.93 | 166.292 | 30277.79 | 35004.32 | 22.197 | 23802.38 | 33.028 | 1.016 | 14.688 |
| 9/15/2018 19.10 | 853800 | 72948 | 17.93 | 166.271 | 30273.723 | 34999.777 | 22.196 | 23799.85 | 33.032 | 1.016 | 14.69 |
| 9/15/2018 19.15 | 854100 | 72945 | 17931 | 166.265 | 30286.719 | 35014.324 | 22.206 | 23809.742 | 33.018 | 1.016 | 14.692 |
| 9/15/2018 19.20 | 854400 | 72943 | 17931 | 166.26 | 30268.047 | 34992.402 | 22.191 | 23794.836 | 33.038 | 1.016 | 14.691 |
| 9/15/2018 19.25 | 854700 | 72949 | 17931 | 166.273 | 30280.053 | 35006.695 | 22.201 | 23804.555 | 33.025 | 1.016 | 14.689 |
| 9/15/2018 19.30 | 855000 | 72953 | 17931 | 166.283 | 30276.633 | 35002.801 | 22.198 | 23801.904 | 33.029 | 1.016 | 14.687 |
| 9/15/2018 19.35 | 855300 | 72948 | 17.93 | 166.272 | 30272.867 | 34988.309 | 22.195 | 23798.852 | 33.033 | 1.016 | 14.692 |
| 9/15/2018 19.40 | 855600 | 72941 | 17931 | 166.256 | 30268.07 | 34992.844 | 22.191 | 23795.135 | 33.032 | 1.016 | 14.696 |
| 9/15/2018 19.45 | 855900 | 72933 | 17931 | 166.237 | 30286.115 | 35013.902 | 22.206 | 23809.453 | 33.018 | 1.016 | 14.7 |
| 9/15/2018 19.50 | 856200 | 72933 | 17931 | 166.237 | 30257.469 | 34980.586 | 22.183 | 23786.801 | 33.05 | 1.016 | 14.7 |
| 9/15/2018 19.55 | 856500 | 72933 | 17.93 | 166.237 | 30270.9 | 34996.379 | 22.194 | 23797.539 | 33.035 | 1.016 | 14.701 |
| 9/15/2018 20.00 | 856800 | 72931 | 17931 | 166.232 | 30271.613 | 34997.066 | 22.194 | 23798.006 | 33.034 | 1.016 | 14.701 |
| 9/15/2018 20.05 | 857100 | 72932 | 17931 | 166.235 | 30271.963 | 34997.477 | 22.194 | 23798.277 | 33.034 | 1.016 | 14.701 |
| 9/15/2018 20.10 | 857400 | 7293 | 17931 | 166.231 | 30271.604 | 34997.059 | 22.194 | 23798 | 33.034 | 1.016 | 14.7 |
| 9/15/2018 20.15 | 857700 | 72924 | 17931 | 166.217 | 30277.244 | 35003.508 | 22.199 | 23802.385 | 33.028 | 1.016 | 14.7 |
| 9/15/2018 20.20 | 858000 | 7293 | 17.93 | 166.23 | 30274.891 | 35000.992 | 22.197 | 23800.676 | 33.031 | 1.016 | 14.7 |
| 9/15/2018 20.25 | 858300 | 72923 | 17931 | 166.214 | 30272.971 | 34998.43 | 22.195 | 23798.934 | 33.033 | 1.016 | 14.699 |
| 9/15/2018 20.30 | 858600 | 7292 | 17931 | 166.207 | 30261.129 | 34984.684 | 22.185 | 23789.588 | 33.046 | 1.016 | 14.698 |
| 9/15/2018 20.35 | 858900 | 72922 | 17931 | 166.215 | 30275.29 | 35001.824 | 22.197 | 23801.24 | 33.03 | 1.016 | 14.699 |
| 9/15/2018 20.40 | 859200 | 72923 | 17931 | 166.214 | 30275.254 | 35001.207 | 22.197 | 23800.822 | 33.03 | 1.016 | 14.699 |
| 9/15/2018 20.45 | 859500 | 72917 | 17931 | 166.201 | 30264.771 | 34988.949 | 22.188 | 23792.488 | 33.042 | 1.016 | 14.7 |
| 9/15/2018 20.50 | 859800 | 7291 | 17931 | 166.185 | 30285.225 | 35012.875 | 22.205 | 23808.758 | 33.019 | 1.016 | 14.702 |
| 9/15/2018 20.55 | 860100 | 72911 | 17931 | 166.187 | 30279.816 | 35006.621 | 22.201 | 23804.502 | 33.025 | 1.016 | 14.704 |
| 9/15/2018 21.00 | 860400 | 72907 | 17.93 | 166.177 | 30284.705 | 35012.41 | 22.205 | 23808.441 | 33.02 | 1.016 | 14.706 |
| 9/15/2018 21.05 | 860700 | 72909 | 17931 | 166.183 | 30283.967 | 35011.281 | 22.204 | 23807.672 | 33.021 | 1.016 | 14.706 |
| 9/15/2018 21.10 | 861000 | 72907 | 17931 | 166.178 | 30281.582 | 35008.664 | 22.202 | 23805.893 | 33.023 | 1.016 | 14.705 |
| 9/15/2018 21.15 | 861300 | 72904 | 17931 | 166.171 | 30261.215 | 34984.781 | 22.185 | 23789.654 | 33.046 | 1.016 | 14.704 |
| 9/15/2018 21.20 | 861600 | 72902 | 17.93 | 166.166 | 30272.484 | 34998.211 | 22.195 | 23798.785 | 33.033 | 1.016 | 14.705 |
| 9/15/2018 21.25 | 861900 | 72891 | 17931 | 166.141 | 30274.023 | 34999.785 | 22.196 | 23799.854 | 33.032 | 1.016 | 14.706 |
| 9/15/2018 21.30 | 862200 | 72888 | 17.93 | 166.135 | 30264.023 | 34988.5 | 22.188 | 23792.182 | 33.043 | 1.016 | 14.708 |
| 9/15/2018 21.35 | 862500 | 72891 | 17931 | 166.142 | 30276.149 | 35004.875 | 22.199 | 23803.216 | 33.027 | 1.016 | 14.707 |
| 9/15/2018 21.40 | 862800 | 72885 | 17931 | 166.127 | 30268.139 | 34990.521 | 22.189 | 23793.563 | 33.04 | 1.016 | 14.706 |
| 9/15/2018 21.45 | 863100 | 72883 | 17.93 | 166.122 | 30266.053 | 34990.773 | 22.19 | 23793.729 | 33.04 | 1.016 | 14.706 |
| 9/15/2018 21.50 | 863400 | 72884 | 17931 | 166.125 | 30268.822 | 34993.91 | 22.192 | 23795.859 | 33.037 | 1.016 | 14.704 |
| 9/15/2018 21.55 | 863700 | 72885 | 17931 | 166.127 | 30292.035 | 35020.547 | 22.21 | 23813.975 | 33.012 | 1.016 | 14.702 |
| 9/15/2018 22.00 | 864000 | 72886 | 17931 | 166.13 | 30266.041 | 34990.555 | 22.189 | 23793.578 | 33.04 | 1.016 | 14.701 |
| 9/15/2018 22.05 | 864300 | 72884 | 17.93 | 166.126 | 30270.991 | 34996.137 | 22.193 | 23797.375 | 33.035 | 1.016 | 14.703 |
| 9/15/2018 22.10 | 864600 | 72881 | 17931 | 166.117 | 30276.93 | 35002.939 | 22.198 | 23802.599 | 33.029 | 1.016 | 14.705 |
| 9/15/2018 22.15 | 864900 | 72872 | 17.93 | 166.097 | 30288.939 | 35015.578 | 22.208 | 23811.955 | 33.015 | 1.016 | 14.707 |
| 9/15/2018 22.20 | 865200 | 72869 | 17931 | 166.09 | 30269.02 | 34993.938 | 22.192 | 23795.877 | 33.037 | 1.016 | 14.708 |
| 9/15/2018 22.25 | 865500 | 72866 | 17.93 | 166.083 | 30264.248 | 34988.688 | 22.188 | 23792.309 | 33.042 | 1.016 | 14.71 |
| 9/15/2018 22.30 | 865800 | 72864 | 17931 | 166.079 | 30272.09 | 34997.551 | 22.194 | 23798.336 | 33.034 | 1.016 | 14.712 |
| 9/15/2018 22.35 | 866100 | 72862 | 17931 | 166.074 | 30271.564 | 34996.805 | 22.194 | 23797.828 | 33.034 | 1.016 | 14.709 |
| 9/15/2018 22.40 | 866400 | 72868 | 17.93 | 166.09 | 30275.791 | 35002.031 | 22.198 | 23801.383 | 33.03 | 1.016 | 14.706 |
| 9/15/2018 22.45 | 866700 | 72869 | 17.93 | 166.091 | 30248.543 | 34971.688 | 22.176 | 23780.748 | 33.058 | 1.015 | 14.703 |
| 9/15/2018 22.50 | 867000 | 72869 | 17931 | 166.091 | 30280.152 | 35006.605 | 22.201 | 23804.492 | 33.025 | 1.016 | 14.704 |
| 9/15/2018 22.55 | 867300 | 72882 | 17.93 | 166.12 | 30275.102 | 35001.234 | 22.197 | 23800.84 | 33.03 | 1.016 | 14.706 |
| 9/15/2018 23.00 | 867600 | 72865 | 17931 | 166.082 | 30271.412 | 34996.766 | 22.194 | 23797.803 | 33.034 | 1.016 | 14.707 |
| 9/15/2018 23.05 | 867900 | 7286 | 17931 | 166.07 | 30278.146 | 35004.414 | 22.199 | 23803.004 | 33.027 | 1.016 | 14.709 |
| 9/15/2018 23.10 | 868200 | 72852 | 17.93 | 166.052 | 30280.889 | 35007.926 | 22.202 | 23805.391 | 33.024 | 1.016 | 14.712 |
| 9/15/2018 23.15 | 868500 | 7285 | 17.93 | 166.049 | 30260.852 | 34984.898 | 22.186 | 23789.732 | 33.046 | 1.016 | 14.715 |
| 9/15/2018 23.20 | 868800 | 72844 | 17931 | 166.034 | 30271.553 | 34996.93 | 22.194 | 23797.912 | 33.034 | 1.016 | 14.713 |
| 9/15/2018 23.25 | 869100 | 72847 | 17.93 | 166.04 | 30277.746 | 35004.566 | 22.199 | 23803.105 | 33.028 | 1.016 | 14.712 |
| 9/15/2018 23.30 | 869400 | 72849 | 17.93 | 166.046 | 30290.076 | 35018.621 | 22.209 | 23812.664 | 33.014 | 1.016 | 14.711 |
| 9/15/2018 23.35 | 869700 | 72847 | 17931 | 166.042 | 30285.535 | 35013.164 | 22.205 | 23808.953 | 33.019 | 1.016 | 14.712 |
| 9/15/2018 23.40 | 870000 | 72844 | 17.93 | 166.025 | 30285.29 | 34990.05 | 22.189 | 23802.27 | 33.041 | 1.016 | 14.714 |
| 9/15/2018 23.45 | 870300 | 72841 | 17931 | 166.027 | 30268.771 | 34993.852 | 22.192 | 23795.82 | 33.037 | 1.016 | 14.713 |
| 9/15/2018 23.50 | 870600 | 72837 | 17931 | 166.018 | 30271.365 | 34996.852 | 22.194 | 23797.861 | 33.035 | 1.016 | 14.713 |
| 9/15/2018 23.55 | 870900 | 72841 | 17931 | 166.028 | 30288.439 | 35016.391 | 22.208 | 23811.148 | 33.016 | 1.016 | 14.713 |
| 9/16/2018 0.00 | 871200 | 7284 | 17.93 | 166.025 | 30282.318 | 35009.578 | 22.203 | 23806.516 | 33.023 | 1.016 | 14.713 |
| 9/16/2018 0.05 | 871500 | 72844 | 17931 | 166.033 | 30280.529 | 35007.168 | 22.201 | 23804.877 | 33.025 | 1.016 | 14.713 |
| 9/16/2018 0.10 | 871800 | 72843 | 17931 | 166.032 | 30276.254 | 35005.666 | 22.202 | 23801.746 | 33.029 | 1.016 | 14.713 |
| 9/16/2018 0.15 | 872100 | 7284 | 17.93 | 166.025 | 30278.537 | 35005.414 | 22.2 | 23803.682 | 33.027 | 1.016 | 14.713 |
| 9/16/2018 0.20 | 872400 | 72835 | 17931 | 166.013 | 30267.832 | 34992.766 | 22.191 | 23795.082 | 33.038 | 1.016 | 14.713 |
| 9/16/2018 0.25 | 872700 | 72835 | 17931 | 166.014 | 30258.225 | 34981.66 | 22.183 | 23787.531 | 33.049 | 1.016 | 14.713 |
| 9/16/2018 0.30 | 873000 | 72833 | 17931 | 166.01 | 30255.387 | 34978.309 | 22.181 | 23785.252 | 33.052 | 1.016 | 14.713 |
| 9/16/2018 0.35 | 873300 | 72834 | 17931 | 166.012 | 30266.178 | 34990.785 | 22.19 | 23793.736 | 33.04 | 1.016 | 14.713 |
| 9/16/2018 0.40 | 873600 | 72831 | 17931 | 166.011 | 30267.721 | 34991.5 | 22.192 | 23791.794 | 33.038 | 1.016 | 14.714 |
| 9/16/2018 0.45 | 873900 | 72833 | 17.93 | 166.009 | 30270.613 | 34996.184 | 22.193 | 23797.404 | 33.035 | 1.016 | 14.715 |
| 9/16/2018 0.50 | 874200 | 72833 | 17931 | 166.009 | 30277.873 | 35004.234 | 22.199 | 23802.879 | 33.027 | 1.016 | 14.714 |
| 9/16/2018 0.55 | 874500 | 72856 | 17931 | 166.061 | 30269.197 | 34994.273 | 22.192 | 23796.105 | 33.037 | 1.016 | 14.713 |
| 9/16/2018 1.00 | 874800 | 72837 | 17931 | 166.018 | 30268.846 | 34993.797 | 22.192 | 23795.781 | 33.037 | 1.016 | 14.712 |
| 9/16/2018 1.05 | 875100 | 72829 | 17931 | 165.999 | 30264.822 | 34989.148 | 22.189 | 23792.621 | 33.042 | 1.016 | 14.714 |
| 9/16/2018 1.10 | 875400 | 72828 | 17931 | 165.997 | 30283.943 | 35011.395 | 22.204 | 23807.748 | 33.021 | 1.016 | 14.715 |
| 9/16/2018 1.15 | 875700 | 7283 | 17.93 | 166.001 | 30269.486 | 34994.879 | 22.192 | 23796.518 | 33.032 | 1.016 | 14.714 |
| 9/16/2018 1.20 | 876000 | 72832 | 17931 | 166.008 | 30271.994 | 34997.578 | 22.194 | 23798.355 | 33.034 | 1.016 | 14. |

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|-----------------|---------|-------|--------|---------|-----------|-----------|--------|-----------|--------|-------|--------|
| 9/17/2018 5:45 | 978300 | 72874 | 17.93 | 166.102 | 30260.451 | 34984.297 | 22.185 | 23789.324 | 33.046 | 1.016 | 14.711 |
| 9/17/2018 5:50 | 978600 | 72875 | 17.93 | 166.104 | 30276.58 | 35003.688 | 22.199 | 23802.51 | 33.029 | 1.016 | 14.711 |
| 9/17/2018 5:55 | 978900 | 72883 | 17.93 | 166.123 | 30281.377 | 35008.492 | 22.202 | 23805.777 | 33.024 | 1.016 | 14.711 |
| 9/17/2018 6:00 | 979200 | 72883 | 17.93 | 166.122 | 30264.385 | 34988.918 | 22.188 | 23792.465 | 33.042 | 1.016 | 14.711 |
| 9/17/2018 6:05 | 979500 | 72.88 | 17.93 | 166.116 | 30281.951 | 35009.496 | 22.203 | 23806.457 | 33.023 | 1.016 | 14.712 |
| 9/17/2018 6:10 | 979800 | 72886 | 17.93 | 166.13 | 30275.055 | 35001.316 | 22.197 | 23800.896 | 33.03 | 1.016 | 14.713 |
| 9/17/2018 6:15 | 980100 | 72885 | 17.93 | 166.125 | 30281.564 | 34985.445 | 22.186 | 23790.104 | 33.046 | 1.016 | 14.713 |
| 9/17/2018 6:20 | 980400 | 72888 | 17.93 | 166.133 | 30260.965 | 34985.363 | 22.186 | 23790.049 | 33.046 | 1.016 | 14.713 |
| 9/17/2018 6:25 | 980700 | 72887 | 17.93 | 166.132 | 30270.773 | 34996.703 | 22.194 | 23797.758 | 33.035 | 1.016 | 14.713 |
| 9/17/2018 6:30 | 981000 | 72888 | 17.93 | 166.134 | 30260.172 | 34984.25 | 22.185 | 23789.291 | 33.047 | 1.016 | 14.713 |
| 9/17/2018 6:35 | 981300 | 72891 | 17.93 | 166.141 | 30273.309 | 34999.164 | 22.195 | 23799.434 | 33.032 | 1.016 | 14.713 |
| 9/17/2018 6:40 | 981600 | 72896 | 17.929 | 166.152 | 30270.227 | 34996.484 | 22.194 | 23797.611 | 33.036 | 1.016 | 14.714 |
| 9/17/2018 6:45 | 981900 | 72893 | 17.931 | 166.143 | 30274.324 | 35001.203 | 22.196 | 23800.141 | 33.031 | 1.016 | 14.714 |
| 9/17/2018 6:50 | 982200 | 72896 | 17.93 | 166.152 | 30274.93 | 35001.109 | 22.197 | 23800.754 | 33.031 | 1.016 | 14.714 |
| 9/17/2018 6:55 | 982500 | 72892 | 17.93 | 166.143 | 30281.633 | 35009.129 | 22.202 | 23806.207 | 33.023 | 1.016 | 14.714 |
| 9/17/2018 7:00 | 982800 | 72896 | 17.93 | 166.152 | 30268.582 | 34994.305 | 22.192 | 23796.127 | 33.038 | 1.016 | 14.714 |
| 9/17/2018 7:05 | 983100 | 72.9 | 17.93 | 166.161 | 30273.873 | 34999.949 | 22.196 | 23799.967 | 33.032 | 1.016 | 14.715 |
| 9/17/2018 7:10 | 983400 | 72901 | 17.93 | 166.163 | 30266.979 | 34992.051 | 22.191 | 23794.598 | 33.039 | 1.016 | 14.716 |
| 9/17/2018 7:15 | 983700 | 72898 | 17.93 | 166.157 | 30257.23 | 34992.742 | 22.191 | 23795.064 | 33.039 | 1.016 | 14.717 |
| 9/17/2018 7:20 | 984000 | 72899 | 17.93 | 166.159 | 30265.953 | 34990.793 | 22.19 | 23793.742 | 33.04 | 1.016 | 14.717 |
| 9/17/2018 7:25 | 984300 | 72899 | 17.93 | 166.16 | 30279.82 | 35007.035 | 22.201 | 23804.785 | 33.025 | 1.016 | 14.717 |
| 9/17/2018 7:30 | 984600 | 72.9 | 17.93 | 166.162 | 30268.158 | 34993.758 | 22.192 | 23795.758 | 33.038 | 1.016 | 14.717 |
| 9/17/2018 7:35 | 984900 | 72901 | 17.93 | 166.164 | 30258.133 | 34982.168 | 22.184 | 23787.877 | 33.049 | 1.016 | 14.718 |
| 9/17/2018 7:40 | 985200 | 72902 | 17.93 | 166.167 | 30271.314 | 34997.332 | 22.194 | 23798.188 | 33.035 | 1.016 | 14.718 |
| 9/17/2018 7:45 | 985500 | 72903 | 17.93 | 166.168 | 30265.969 | 34980.809 | 22.189 | 23793.75 | 33.04 | 1.016 | 14.719 |
| 9/17/2018 7:50 | 985800 | 72905 | 17.93 | 166.173 | 30263.395 | 34988.383 | 22.188 | 23792.102 | 33.043 | 1.016 | 14.72 |
| 9/17/2018 7:55 | 986100 | 72906 | 17.93 | 166.175 | 30258.51 | 34982.328 | 22.184 | 23787.982 | 33.049 | 1.016 | 14.72 |
| 9/17/2018 8:00 | 986400 | 72908 | 17.93 | 166.18 | 30270.227 | 34995.809 | 22.193 | 23797.152 | 33.036 | 1.016 | 14.721 |
| 9/17/2018 8:05 | 986700 | 72907 | 17.93 | 166.176 | 30253.76 | 34976.836 | 22.18 | 23784.248 | 33.054 | 1.016 | 14.722 |
| 9/17/2018 8:10 | 987000 | 72907 | 17.93 | 166.178 | 30266.74 | 34991.777 | 22.19 | 23794.408 | 33.04 | 1.016 | 14.724 |
| 9/17/2018 8:15 | 987300 | 72907 | 17.93 | 166.178 | 30269.888 | 34995.25 | 22.193 | 23796.77 | 33.036 | 1.016 | 14.725 |
| 9/17/2018 8:20 | 987600 | 72905 | 17.93 | 166.174 | 30259.822 | 34984.18 | 22.185 | 23789.244 | 33.047 | 1.016 | 14.726 |
| 9/17/2018 8:25 | 987900 | 72905 | 17.93 | 166.172 | 30276.557 | 35003.391 | 22.198 | 23802.307 | 33.029 | 1.016 | 14.728 |
| 9/17/2018 8:30 | 988200 | 72901 | 17.93 | 166.163 | 30265.277 | 34990.012 | 22.189 | 23793.211 | 33.041 | 1.016 | 14.729 |
| 9/17/2018 8:35 | 988500 | 72903 | 17.93 | 166.168 | 30261.779 | 34986.242 | 22.186 | 23790.646 | 33.045 | 1.016 | 14.729 |
| 9/17/2018 8:40 | 988800 | 72906 | 17.93 | 166.175 | 30262.629 | 34987.223 | 22.187 | 23791.313 | 33.044 | 1.016 | 14.729 |
| 9/17/2018 8:45 | 989100 | 72907 | 17.93 | 166.178 | 30248.383 | 34970.324 | 22.175 | 23789.822 | 33.045 | 1.016 | 14.729 |
| 9/17/2018 8:50 | 989400 | 72905 | 17.93 | 166.172 | 30276.619 | 35003.598 | 22.199 | 23802.449 | 33.029 | 1.016 | 14.729 |
| 9/17/2018 8:55 | 989700 | 72908 | 17.931 | 166.179 | 30272.17 | 34997.711 | 22.194 | 23798.445 | 33.034 | 1.016 | 14.73 |
| 9/17/2018 9:00 | 990000 | 72903 | 17.93 | 166.169 | 30270.014 | 34995.355 | 22.193 | 23796.842 | 33.036 | 1.016 | 14.73 |
| 9/17/2018 9:05 | 990300 | 72903 | 17.93 | 166.168 | 30264.736 | 34989.594 | 22.189 | 23792.926 | 33.042 | 1.016 | 14.73 |
| 9/17/2018 9:10 | 990600 | 72907 | 17.931 | 166.177 | 30258.309 | 34981.758 | 22.183 | 23787.598 | 33.049 | 1.016 | 14.729 |
| 9/17/2018 9:15 | 990900 | 72912 | 17.93 | 166.189 | 30260.199 | 34984.078 | 22.185 | 23789.176 | 33.047 | 1.016 | 14.728 |
| 9/17/2018 9:20 | 991200 | 72907 | 17.93 | 166.177 | 30278.865 | 34978.625 | 22.183 | 23785.465 | 33.052 | 1.016 | 14.729 |
| 9/17/2018 9:25 | 991500 | 72908 | 17.93 | 166.18 | 30275.393 | 35001.781 | 22.197 | 23801.213 | 33.03 | 1.016 | 14.729 |
| 9/17/2018 9:30 | 991800 | 72915 | 17.93 | 166.195 | 30281.75 | 35009.473 | 22.203 | 23806.441 | 33.023 | 1.016 | 14.73 |
| 9/17/2018 9:35 | 992100 | 72908 | 17.93 | 166.18 | 30270.703 | 34996.832 | 22.194 | 23797.848 | 33.035 | 1.016 | 14.732 |
| 9/17/2018 9:40 | 992400 | 72906 | 17.93 | 166.176 | 30273.824 | 34999.832 | 22.196 | 23799.889 | 33.032 | 1.016 | 14.734 |
| 9/17/2018 9:45 | 992700 | 72908 | 17.93 | 166.18 | 30269.436 | 34994.758 | 22.192 | 23796.436 | 33.037 | 1.016 | 14.736 |
| 9/17/2018 9:50 | 993000 | 72904 | 17.93 | 166.171 | 30278.863 | 35005.656 | 22.2 | 23803.846 | 33.026 | 1.016 | 14.735 |
| 9/17/2018 9:55 | 993300 | 72909 | 17.93 | 166.183 | 30272.684 | 34989.914 | 22.195 | 23799.264 | 33.033 | 1.016 | 14.734 |
| 9/17/2018 10:00 | 993600 | 72908 | 17.93 | 166.18 | 30287.947 | 35016.16 | 22.207 | 23810.99 | 33.016 | 1.016 | 14.732 |
| 9/17/2018 10:05 | 993900 | 72.91 | 17.93 | 166.185 | 30258.885 | 34982.695 | 22.184 | 23788.232 | 33.048 | 1.016 | 14.732 |
| 9/17/2018 10:10 | 994200 | 72911 | 17.93 | 166.186 | 30268.67 | 34994.207 | 22.192 | 23796.063 | 33.037 | 1.016 | 14.732 |
| 9/17/2018 10:15 | 994500 | 72911 | 17.93 | 166.186 | 30261.84 | 34985.902 | 22.186 | 23790.414 | 33.045 | 1.016 | 14.732 |
| 9/17/2018 10:20 | 994800 | 72.91 | 17.93 | 166.185 | 30268.773 | 34994.129 | 22.192 | 23796.01 | 33.037 | 1.016 | 14.733 |
| 9/17/2018 10:25 | 995100 | 72.91 | 17.93 | 166.185 | 30252.545 | 34975.43 | 22.179 | 23783.295 | 33.055 | 1.016 | 14.734 |
| 9/17/2018 10:30 | 995400 | 72911 | 17.931 | 166.187 | 30278.879 | 35005.539 | 22.2 | 23803.768 | 33.026 | 1.016 | 14.734 |
| 9/17/2018 10:35 | 995700 | 72905 | 17.93 | 166.174 | 30275.607 | 35002.027 | 22.197 | 23801.381 | 33.03 | 1.016 | 14.736 |
| 9/17/2018 10:40 | 996000 | 72906 | 17.93 | 166.175 | 30262.479 | 34987.25 | 22.187 | 23791.33 | 33.044 | 1.016 | 14.734 |
| 9/17/2018 10:45 | 996300 | 72906 | 17.93 | 166.175 | 30267.693 | 34993.078 | 22.191 | 23795.293 | 33.039 | 1.016 | 14.738 |
| 9/17/2018 10:50 | 996600 | 72902 | 17.93 | 166.163 | 30263.659 | 34988.047 | 22.189 | 23792.504 | 33.043 | 1.016 | 14.739 |
| 9/17/2018 10:55 | 996900 | 72901 | 17.93 | 166.164 | 30258.621 | 34982.391 | 22.184 | 23788.027 | 33.048 | 1.016 | 14.738 |
| 9/17/2018 11:00 | 997200 | 72904 | 17.93 | 166.17 | 30253.221 | 34976.348 | 22.18 | 23783.916 | 33.054 | 1.016 | 14.737 |
| 9/17/2018 11:05 | 997500 | 72908 | 17.93 | 166.179 | 30259.146 | 34983.262 | 22.184 | 23788.619 | 33.048 | 1.016 | 14.735 |
| 9/17/2018 11:10 | 997800 | 72906 | 17.93 | 166.176 | 30265.387 | 34990.277 | 22.189 | 23793.391 | 33.041 | 1.016 | 14.734 |
| 9/17/2018 11:15 | 998100 | 72915 | 17.93 | 166.195 | 30269.334 | 34994.777 | 22.192 | 23796.449 | 33.037 | 1.016 | 14.732 |
| 9/17/2018 11:20 | 998400 | 72911 | 17.93 | 166.189 | 30264.088 | 34988.973 | 22.189 | 23792.504 | 33.042 | 1.016 | 14.731 |
| 9/17/2018 11:25 | 998700 | 72908 | 17.93 | 166.18 | 30273.965 | 35000.266 | 22.196 | 23800.182 | 33.032 | 1.016 | 14.732 |
| 9/17/2018 11:30 | 999000 | 72909 | 17.93 | 166.183 | 30276.256 | 35003.043 | 22.198 | 23802.07 | 33.029 | 1.016 | 14.732 |
| 9/17/2018 11:35 | 999300 | 72913 | 17.93 | 166.191 | 30260.949 | 34985.617 | 22.186 | 23790.223 | 33.046 | 1.016 | 14.732 |
| 9/17/2018 11:40 | 999600 | 72908 | 17.93 | 166.18 | 30263.098 | 34987.566 | 22.187 | 23791.545 | 33.044 | 1.016 | 14.732 |
| 9/17/2018 11:45 | 999900 | 72.91 | 17.93 | 166.184 | 30249.686 | 34972.195 | 22.177 | 23781.096 | 33.058 | 1.016 | 14.732 |
| 9/17/2018 11:50 | 1000200 | 72913 | 17.93 | 166.192 | 30275.441 | 35002.18 | 22.19 | 23801.482 | 33.01 | 1.016 | 14.731 |
| 9/17/2018 11:55 | 1000500 | 72912 | 17.93 | 166.189 | 30276.924 | 35003.75 | 22.199 | 23802.551 | 33.028 | 1.016 | 14.731 |
| 9/17/2018 12:00 | 1000800 | 72912 | 17.93 | 166.189 | 30270.115 | 34996.02 | 22.193 | 23797.295 | 33.036 | 1.016 | 14.73 |
| 9/17/2018 12:05 | 1001100 | 72911 | 17.93 | 166.187 | 30265.229 | 34990.027 | 22.189 | 23793.221 | 33.041 | 1.016 | 14.732 |
| 9/17/2018 12:10 | 1001400 | 72929 | 17.931 | 166.229 | 30264.51 | 34988.727 | 22.188 | 23792.336 | 33.042 | 1.016 | 14.733 |
| 9/17/2018 12:15 | 1001700 | 72909 | 17.93 | 166.181 | 30270.076 | 34995.633 | 22.193 | 23797.033 | 33.036 | 1.016 | 14.734 |
| 9/17/2018 12:20 | 1002000 | 72906 | 17.93 | 166.176 | 30255.449 | 34978.723 | 22.181 | 23785.51 | 33.052 | 1.016 | 14.734 |
| 9/17/2018 12:25 | 1002300 | 72909 | 17.93 | 166.182 | 30254.627 | 34978.172 | 22.181 | 23785.158 | 33.053 | 1.016 | 14.734 |
| 9/17/2018 12:30 | 1002600 | 72912 | 17.93 | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|-------|-------|---------|-----------|-----------|--------|-----------|--------|-------|--------|
| 9/18/2018 16:55 | 1104900 | 72946 | 17931 | 166.267 | 30271.854 | 34997.414 | 22.194 | 23798.242 | 33.034 | 1.016 | 14.697 |
| 9/18/2018 17:00 | 1105200 | 72949 | 1793 | 166.272 | 30258.031 | 34983.266 | 22.184 | 23788.621 | 33.048 | 1.016 | 14.694 |
| 9/18/2018 17:05 | 1105500 | 72951 | 1793 | 166.278 | 30266.527 | 34991.875 | 22.19 | 23794.475 | 33.04 | 1.016 | 14.695 |
| 9/18/2018 17:10 | 1105800 | 72952 | 17931 | 166.279 | 30260.941 | 34984.602 | 22.185 | 23789.529 | 33.046 | 1.016 | 14.695 |
| 9/18/2018 17:15 | 1106100 | 72951 | 1793 | 166.279 | 30268.484 | 34994.059 | 22.192 | 23795.961 | 33.038 | 1.016 | 14.696 |
| 9/18/2018 17:20 | 1106400 | 72953 | 1793 | 166.281 | 30282.742 | 35010.41 | 22.203 | 23807.082 | 33.022 | 1.016 | 14.696 |
| 9/18/2018 17:25 | 1106700 | 72953 | 1793 | 166.282 | 30275.23 | 35001.25 | 22.202 | 23800.85 | 33.03 | 1.016 | 14.696 |
| 9/18/2018 17:30 | 1107000 | 72954 | 1793 | 166.284 | 30296.893 | 35026.902 | 22.215 | 23818.295 | 33.007 | 1.016 | 14.697 |
| 9/18/2018 17:35 | 1107300 | 72957 | 1793 | 166.292 | 30272.52 | 34998.25 | 22.195 | 23798.811 | 33.033 | 1.016 | 14.695 |
| 9/18/2018 17:40 | 1107600 | 72963 | 1793 | 166.305 | 30255.701 | 34979.215 | 22.182 | 23785.867 | 33.052 | 1.016 | 14.693 |
| 9/18/2018 17:45 | 1107900 | 72961 | 1793 | 166.301 | 30279.705 | 35006.965 | 22.201 | 23804.736 | 33.025 | 1.016 | 14.69 |
| 9/18/2018 17:50 | 1108200 | 72961 | 1793 | 166.3 | 30269.197 | 34994.961 | 22.193 | 23796.576 | 33.037 | 1.016 | 14.69 |
| 9/18/2018 17:55 | 1108500 | 72966 | 1793 | 166.312 | 30283.985 | 34983.297 | 22.19 | 23788.641 | 33.028 | 1.016 | 14.689 |
| 9/18/2018 18:00 | 1108800 | 72969 | 1793 | 166.318 | 30264.973 | 34989.598 | 22.189 | 23792.928 | 33.041 | 1.016 | 14.689 |
| 9/18/2018 18:05 | 1109100 | 72966 | 17931 | 166.312 | 30280.816 | 35007.777 | 22.202 | 23805.291 | 33.024 | 1.016 | 14.69 |
| 9/18/2018 18:10 | 1109400 | 72961 | 1793 | 166.301 | 30274.361 | 35000.988 | 22.197 | 23800.672 | 33.031 | 1.016 | 14.691 |
| 9/18/2018 18:15 | 1109700 | 72964 | 1793 | 166.308 | 30280.102 | 35007.758 | 22.201 | 23805.277 | 33.025 | 1.016 | 14.692 |
| 9/18/2018 18:20 | 1110000 | 72971 | 1793 | 166.323 | 30272.697 | 34998.59 | 22.195 | 23799.041 | 33.033 | 1.016 | 14.691 |
| 9/18/2018 18:25 | 1110300 | 72972 | 1793 | 166.325 | 30273.402 | 34998.902 | 22.195 | 23799.256 | 33.033 | 1.016 | 14.69 |
| 9/18/2018 18:30 | 1110600 | 7297 | 1793 | 166.321 | 30279.252 | 35006.715 | 22.201 | 23804.566 | 33.026 | 1.016 | 14.689 |
| 9/18/2018 18:35 | 1110900 | 72973 | 1793 | 166.327 | 30271.877 | 34997.852 | 22.195 | 23798.541 | 33.034 | 1.016 | 14.689 |
| 9/18/2018 18:40 | 1111200 | 72974 | 1793 | 166.33 | 30262.504 | 34986.746 | 22.187 | 23790.988 | 33.044 | 1.016 | 14.688 |
| 9/18/2018 18:45 | 1111500 | 72978 | 1793 | 166.34 | 30265.852 | 34990.883 | 22.19 | 23793.803 | 33.041 | 1.016 | 14.688 |
| 9/18/2018 18:50 | 1111800 | 72976 | 1793 | 166.335 | 30273.811 | 34999.816 | 22.196 | 23799.875 | 33.032 | 1.016 | 14.689 |
| 9/18/2018 18:55 | 1112100 | 72975 | 1793 | 166.332 | 30283.086 | 35015.539 | 22.203 | 23807.148 | 33.022 | 1.016 | 14.69 |
| 9/18/2018 19:00 | 1112400 | 72976 | 17931 | 166.335 | 30258.373 | 34981.762 | 22.183 | 23787.6 | 33.049 | 1.016 | 14.691 |
| 9/18/2018 19:05 | 1112700 | 72979 | 1793 | 166.342 | 30269.771 | 34995.418 | 22.193 | 23796.887 | 33.036 | 1.016 | 14.689 |
| 9/18/2018 19:10 | 1113000 | 72982 | 1793 | 166.348 | 30278.9 | 35006.035 | 22.2 | 23804.104 | 33.026 | 1.016 | 14.686 |
| 9/18/2018 19:15 | 1113300 | 72984 | 17929 | 166.352 | 30275.367 | 35002.488 | 22.198 | 23801.693 | 33.03 | 1.016 | 14.684 |
| 9/18/2018 19:20 | 1113600 | 72981 | 1793 | 166.346 | 30282.93 | 35011.031 | 22.204 | 23807.502 | 33.022 | 1.016 | 14.686 |
| 9/18/2018 19:25 | 1113900 | 7298 | 1793 | 166.344 | 30267.143 | 34992.98 | 22.196 | 23795.227 | 33.039 | 1.016 | 14.689 |
| 9/18/2018 19:30 | 1114200 | 72978 | 1793 | 166.34 | 30276.691 | 35003.754 | 22.199 | 23802.555 | 33.029 | 1.016 | 14.691 |
| 9/18/2018 19:35 | 1114500 | 72977 | 1793 | 166.337 | 30285.945 | 35014.117 | 22.206 | 23809.602 | 33.019 | 1.016 | 14.692 |
| 9/18/2018 19:40 | 1114800 | 72984 | 1793 | 166.353 | 30272.182 | 34998.203 | 22.195 | 23798.781 | 33.034 | 1.016 | 14.692 |
| 9/18/2018 19:45 | 1115100 | 72982 | 1793 | 166.348 | 30270.527 | 34996.219 | 22.193 | 23797.43 | 33.035 | 1.016 | 14.693 |
| 9/18/2018 19:50 | 1115400 | 72976 | 1793 | 166.336 | 30273.096 | 34999.125 | 22.195 | 23799.406 | 33.033 | 1.016 | 14.693 |
| 9/18/2018 19:55 | 1115700 | 72976 | 1793 | 166.335 | 30277.322 | 35004.145 | 22.199 | 23802.82 | 33.028 | 1.016 | 14.693 |
| 9/18/2018 20:00 | 1116000 | 72976 | 1793 | 166.335 | 30292.551 | 35021.617 | 22.211 | 23814.701 | 33.011 | 1.016 | 14.694 |
| 9/18/2018 20:05 | 1116300 | 72976 | 1793 | 166.335 | 30276.945 | 35003.84 | 22.199 | 23802.613 | 33.028 | 1.016 | 14.694 |
| 9/18/2018 20:10 | 1116600 | 72981 | 17931 | 166.345 | 30260.162 | 34983.898 | 22.185 | 23789.051 | 33.047 | 1.016 | 14.694 |
| 9/18/2018 20:15 | 1116900 | 72998 | 17929 | 166.384 | 30274.689 | 35001.645 | 22.197 | 23801.121 | 33.031 | 1.016 | 14.694 |
| 9/18/2018 20:20 | 1117200 | 72979 | 1793 | 166.341 | 30277.496 | 35004.078 | 22.199 | 23802.775 | 33.028 | 1.016 | 14.692 |
| 9/18/2018 20:25 | 1117500 | 72981 | 1793 | 166.345 | 30267.154 | 34992.254 | 22.191 | 23794.732 | 33.039 | 1.016 | 14.69 |
| 9/18/2018 20:30 | 1117800 | 7298 | 1793 | 166.345 | 30273.98 | 35006.281 | 22.2 | 23804.271 | 33.026 | 1.016 | 14.688 |
| 9/18/2018 20:35 | 1118100 | 7298 | 1793 | 166.343 | 30293.678 | 35023.262 | 22.212 | 23815.818 | 33.01 | 1.016 | 14.688 |
| 9/18/2018 20:40 | 1118400 | 7298 | 1793 | 166.343 | 30291.633 | 35020.422 | 22.21 | 23813.889 | 33.012 | 1.016 | 14.688 |
| 9/18/2018 20:45 | 1118700 | 72982 | 1793 | 166.348 | 30253.072 | 34975.977 | 22.179 | 23783.664 | 33.054 | 1.016 | 14.688 |
| 9/18/2018 20:50 | 1119000 | 72979 | 1793 | 166.341 | 30272.623 | 34998.504 | 22.195 | 23798.982 | 33.033 | 1.016 | 14.687 |
| 9/18/2018 20:55 | 1119300 | 72981 | 1793 | 166.347 | 30266.254 | 34991.141 | 22.19 | 23793.979 | 33.04 | 1.016 | 14.686 |
| 9/18/2018 21:00 | 1119600 | 72983 | 1793 | 166.35 | 30278.715 | 35005.689 | 22.2 | 23803.869 | 33.027 | 1.016 | 14.685 |
| 9/18/2018 21:05 | 1119900 | 72978 | 1793 | 166.34 | 30274.105 | 35000.086 | 22.196 | 23800.061 | 33.032 | 1.016 | 14.685 |
| 9/18/2018 21:10 | 1120200 | 72977 | 1793 | 166.338 | 30279.279 | 35006.746 | 22.201 | 23804.588 | 33.026 | 1.016 | 14.687 |
| 9/18/2018 21:15 | 1120500 | 72977 | 1793 | 166.338 | 30287.379 | 35015.836 | 22.207 | 23810.77 | 33.017 | 1.016 | 14.688 |
| 9/18/2018 21:20 | 1120800 | 7298 | 1793 | 166.343 | 30273.283 | 34999.684 | 22.196 | 23799.785 | 33.032 | 1.016 | 14.688 |
| 9/18/2018 21:25 | 1121100 | 7298 | 1793 | 166.344 | 30278.512 | 35005.52 | 22.2 | 23803.754 | 33.027 | 1.016 | 14.688 |
| 9/18/2018 21:30 | 1121400 | 72979 | 1793 | 166.342 | 30272.445 | 34998.238 | 22.195 | 23798.803 | 33.033 | 1.016 | 14.687 |
| 9/18/2018 21:35 | 1121700 | 72975 | 1793 | 166.333 | 30273.107 | 34999.004 | 22.195 | 23799.324 | 33.033 | 1.016 | 14.687 |
| 9/18/2018 21:40 | 1122000 | 72975 | 1793 | 166.332 | 30275.691 | 35002.125 | 22.198 | 23801.447 | 33.03 | 1.016 | 14.688 |
| 9/18/2018 21:45 | 1122300 | 72972 | 1793 | 166.325 | 30258.334 | 34982.059 | 22.184 | 23787.801 | 33.049 | 1.016 | 14.688 |
| 9/18/2018 21:50 | 1122600 | 72968 | 1793 | 166.316 | 30266.314 | 34991.484 | 22.19 | 23794.211 | 33.04 | 1.016 | 14.688 |
| 9/18/2018 21:55 | 1122900 | 72966 | 1793 | 166.313 | 30276.078 | 35002.707 | 22.198 | 23801.844 | 33.029 | 1.016 | 14.688 |
| 9/18/2018 22:00 | 1123200 | 72966 | 1793 | 166.313 | 30284.264 | 35011.954 | 22.204 | 23808.117 | 33.022 | 1.016 | 14.687 |
| 9/18/2018 22:05 | 1123500 | 72965 | 1793 | 166.309 | 30280.068 | 35007.449 | 22.201 | 23805.066 | 33.025 | 1.016 | 14.686 |
| 9/18/2018 22:10 | 1123800 | 72982 | 1793 | 166.348 | 30266.588 | 34991.867 | 22.19 | 23794.473 | 33.04 | 1.016 | 14.684 |
| 9/18/2018 22:15 | 1124100 | 72967 | 1793 | 166.314 | 30271.904 | 34998.012 | 22.195 | 23798.648 | 33.034 | 1.016 | 14.682 |
| 9/18/2018 22:20 | 1124400 | 72966 | 1793 | 166.313 | 30288.221 | 35016.953 | 22.208 | 23811.531 | 33.016 | 1.016 | 14.684 |
| 9/18/2018 22:25 | 1124700 | 72963 | 1793 | 166.305 | 30271.455 | 34997.43 | 22.194 | 23798.254 | 33.034 | 1.016 | 14.686 |
| 9/18/2018 22:30 | 1125000 | 72967 | 1793 | 166.307 | 30273.697 | 35001.664 | 22.196 | 23801.111 | 33.032 | 1.016 | 14.686 |
| 9/18/2018 22:35 | 1125300 | 72957 | 1793 | 166.292 | 30262.553 | 34986.727 | 22.187 | 23790.975 | 33.044 | 1.016 | 14.687 |
| 9/18/2018 22:40 | 1125600 | 72954 | 1793 | 166.284 | 30273.848 | 35000.059 | 22.196 | 23800.041 | 33.032 | 1.016 | 14.686 |
| 9/18/2018 22:45 | 1125900 | 7295 | 1793 | 166.276 | 30260.916 | 34985.18 | 22.186 | 23789.922 | 33.046 | 1.016 | 14.684 |
| 9/18/2018 22:50 | 1126200 | 72947 | 1793 | 166.27 | 30275.314 | 35001.953 | 22.197 | 23801.328 | 33.03 | 1.016 | 14.686 |
| 9/18/2018 22:55 | 1126500 | 72941 | 1793 | 166.255 | 30284.609 | 35021.699 | 22.205 | 23808.635 | 33.02 | 1.016 | 14.687 |
| 9/18/2018 23:00 | 1126800 | 72944 | 1793 | 166.244 | 30280.288 | 35007.344 | 22.205 | 23804.994 | 33.025 | 1.016 | 14.689 |
| 9/18/2018 23:05 | 1127100 | 72939 | 1793 | 166.25 | 30269.951 | 34995.754 | 22.193 | 23797.115 | 33.036 | 1.016 | 14.688 |
| 9/18/2018 23:10 | 1127400 | 72942 | 1793 | 166.256 | 30272.117 | 34997.992 | 22.195 | 23798.635 | 33.034 | 1.016 | 14.687 |
| 9/18/2018 23:15 | 1127700 | 72937 | 1793 | 166.246 | 30265.012 | 34989.844 | 22.189 | 23793.094 | 33.041 | 1.016 | 14.685 |
| 9/18/2018 23:20 | 1128000 | 72955 | 1793 | 166.287 | 30289.598 | 35018.066 | 22.209 | 23812.287 | 33.015 | 1.016 | 14.686 |
| 9/18/2018 23:25 | 1128300 | 72938 | 1793 | 166.248 | 30268.869 | 34994.375 | 22.192 | 23796.178 | 33.037 | 1.016 | 14.687 |
| 9/18/2018 23:30 | 1128600 | 72931 | 1793 | 166.232 | 30275.666 | 35002.633 | 22.198 | 23801.793 | 33.03 | 1.016 | 14.687 |
| 9/18/2018 23:35 | 1128900 | 72926 | 1793 | 166.222 | 30276.293 | 35003.022 | 22.198 | 23802.053 | 33.029 | 1.016 | 14.689 |
| 9/18/2018 23 | | | | | | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|-----------|--------|-------|--------|
| 9/19/2018 10:30 | 1168200 | 72897 | 17.93 | 166.154 | 30262.691 | 34987.16 | 22.187 | 23791.271 | 33.044 | 1.016 | 14.697 |
| 9/19/2018 10:35 | 1168500 | 72898 | 17.93 | 166.157 | 30282.9 | 35010.727 | 22.204 | 23807.297 | 33.022 | 1.016 | 14.699 |
| 9/19/2018 10:40 | 1168800 | 72.89 | 17.93 | 166.139 | 30254.961 | 34978.359 | 22.181 | 23785.285 | 33.052 | 1.015 | 14.701 |
| 9/19/2018 10:45 | 1169100 | 72.893 | 17.93 | 166.145 | 30283.813 | 35011.441 | 22.204 | 23807.783 | 33.021 | 1.016 | 14.703 |
| 9/19/2018 10:50 | 1169400 | 72.894 | 17.93 | 166.147 | 30279.615 | 35006.797 | 22.201 | 23804.625 | 33.026 | 1.016 | 14.702 |
| 9/19/2018 10:55 | 1169700 | 72.915 | 17.929 | 166.196 | 30289.057 | 35018.18 | 22.209 | 23812.365 | 33.015 | 1.016 | 14.7 |
| 9/19/2018 11:00 | 1170000 | 72.895 | 17.93 | 166.151 | 30271.525 | 34998.434 | 22.196 | 23799.388 | 33.034 | 1.016 | 14.698 |
| 9/19/2018 11:05 | 1170300 | 72.896 | 17.93 | 166.153 | 30273.887 | 34999.965 | 22.196 | 23799.979 | 33.032 | 1.016 | 14.699 |
| 9/19/2018 11:10 | 1170600 | 72.89 | 17.93 | 166.139 | 30275.979 | 35002.457 | 22.198 | 23801.674 | 33.029 | 1.016 | 14.699 |
| 9/19/2018 11:15 | 1170900 | 72.893 | 17.93 | 166.145 | 30257.932 | 34981.594 | 22.183 | 23787.484 | 33.049 | 1.016 | 14.699 |
| 9/19/2018 11:20 | 1171200 | 72.894 | 17.93 | 166.149 | 30266.49 | 34991.961 | 22.19 | 23794.535 | 33.04 | 1.016 | 14.697 |
| 9/19/2018 11:25 | 1171500 | 72.892 | 17.93 | 166.143 | 30261.08 | 34985.77 | 22.186 | 23790.324 | 33.046 | 1.016 | 14.694 |
| 9/19/2018 11:30 | 1171800 | 72.9 | 17.93 | 166.162 | 30275.568 | 35002.555 | 22.198 | 23801.531 | 33.03 | 1.016 | 14.691 |
| 9/19/2018 11:35 | 1172100 | 72.901 | 17.93 | 166.165 | 30265.541 | 34990.527 | 22.189 | 23793.561 | 33.041 | 1.016 | 14.692 |
| 9/19/2018 11:40 | 1172400 | 72.891 | 17.93 | 166.142 | 30274.764 | 35001.59 | 22.197 | 23801.082 | 33.031 | 1.016 | 14.693 |
| 9/19/2018 11:45 | 1172700 | 72.893 | 17.93 | 166.147 | 30285.156 | 35013.41 | 22.205 | 23809.121 | 33.019 | 1.016 | 14.695 |
| 9/19/2018 11:50 | 1173000 | 72.9 | 17.93 | 166.161 | 30261.027 | 34985.172 | 22.186 | 23789.918 | 33.04 | 1.016 | 14.691 |
| 9/19/2018 11:55 | 1173300 | 72.903 | 17.93 | 166.168 | 30262.342 | 34986.559 | 22.187 | 23790.861 | 33.044 | 1.016 | 14.688 |
| 9/19/2018 12:00 | 1173600 | 72.905 | 17.929 | 166.172 | 30275.462 | 35002.522 | 22.198 | 23801.596 | 33.03 | 1.016 | 14.685 |
| 9/19/2018 12:05 | 1173900 | 72.901 | 17.93 | 166.163 | 30268.309 | 34993.855 | 22.192 | 23795.824 | 33.038 | 1.016 | 14.685 |
| 9/19/2018 12:10 | 1174200 | 72.902 | 17.93 | 166.167 | 30256.443 | 34979.664 | 22.182 | 23786.174 | 33.051 | 1.016 | 14.686 |
| 9/19/2018 12:15 | 1174500 | 72.901 | 17.93 | 166.164 | 30273.359 | 34999.355 | 22.196 | 23799.564 | 33.032 | 1.016 | 14.686 |
| 9/19/2018 12:20 | 1174800 | 72.899 | 17.93 | 166.16 | 30261.965 | 34986.457 | 22.187 | 23790.793 | 33.045 | 1.016 | 14.688 |
| 9/19/2018 12:25 | 1175100 | 72.893 | 17.93 | 166.145 | 30282.564 | 35010.137 | 22.203 | 23806.895 | 33.022 | 1.016 | 14.689 |
| 9/19/2018 12:30 | 1175400 | 72.89 | 17.93 | 166.138 | 30262.117 | 34986.09 | 22.186 | 23790.548 | 33.045 | 1.016 | 14.691 |
| 9/19/2018 12:35 | 1175700 | 72.895 | 17.93 | 166.149 | 30271.203 | 34997.41 | 22.194 | 23798.238 | 33.025 | 1.016 | 14.688 |
| 9/19/2018 12:40 | 1176000 | 72.897 | 17.93 | 166.154 | 30289.805 | 35018.641 | 22.209 | 23812.678 | 33.014 | 1.016 | 14.685 |
| 9/19/2018 12:45 | 1176300 | 72.895 | 17.93 | 166.15 | 30276.516 | 35003.215 | 22.198 | 23802.188 | 33.029 | 1.016 | 14.682 |
| 9/19/2018 12:50 | 1176600 | 72.902 | 17.93 | 166.166 | 30275.217 | 35001.504 | 22.197 | 23801.025 | 33.03 | 1.016 | 14.681 |
| 9/19/2018 12:55 | 1176900 | 72.896 | 17.93 | 166.152 | 30277.561 | 35004.688 | 22.199 | 23803.188 | 33.028 | 1.016 | 14.68 |
| 9/19/2018 13:00 | 1177200 | 72.9 | 17.93 | 166.162 | 30279.936 | 34999.341 | 22.195 | 23799.848 | 33.033 | 1.016 | 14.679 |
| 9/19/2018 13:05 | 1177500 | 72.894 | 17.93 | 166.148 | 30269.771 | 34995.48 | 22.193 | 23796.928 | 33.036 | 1.016 | 14.682 |
| 9/19/2018 13:10 | 1177800 | 72.894 | 17.93 | 166.149 | 30273.26 | 34999.449 | 22.196 | 23799.625 | 33.032 | 1.016 | 14.685 |
| 9/19/2018 13:15 | 1178100 | 72.886 | 17.93 | 166.129 | 30272.322 | 34998.574 | 22.195 | 23799.031 | 33.033 | 1.016 | 14.688 |
| 9/19/2018 13:20 | 1178400 | 72.891 | 17.931 | 166.14 | 30282.629 | 35009.734 | 22.203 | 23806.619 | 33.022 | 1.016 | 14.685 |
| 9/19/2018 13:25 | 1178700 | 72.892 | 17.93 | 166.144 | 30254.035 | 34977.563 | 22.18 | 23784.744 | 33.053 | 1.015 | 14.681 |
| 9/19/2018 13:30 | 1179000 | 72.896 | 17.93 | 166.156 | 30275.682 | 35002.25 | 22.198 | 23801.531 | 33.03 | 1.016 | 14.678 |
| 9/19/2018 13:35 | 1179300 | 72.896 | 17.93 | 166.153 | 30264.725 | 34978.02 | 22.181 | 23785.052 | 33.052 | 1.015 | 14.678 |
| 9/19/2018 13:40 | 1179600 | 72.893 | 17.929 | 166.146 | 30269.836 | 34995.957 | 22.193 | 23797.252 | 33.036 | 1.016 | 14.679 |
| 9/19/2018 13:45 | 1179900 | 72.897 | 17.931 | 166.155 | 30271.953 | 34997.461 | 22.194 | 23798.275 | 33.034 | 1.016 | 14.679 |
| 9/19/2018 13:50 | 1180200 | 72.896 | 17.931 | 166.153 | 30263.047 | 34987.234 | 22.187 | 23791.32 | 33.044 | 1.016 | 14.677 |
| 9/19/2018 13:55 | 1180500 | 72.893 | 17.931 | 166.147 | 30272.459 | 34997.84 | 22.195 | 23798.533 | 33.033 | 1.016 | 14.676 |
| 9/19/2018 14:00 | 1180800 | 72.891 | 17.93 | 166.14 | 30276.379 | 35003.395 | 22.198 | 23802.309 | 33.029 | 1.016 | 14.675 |
| 9/19/2018 14:05 | 1181100 | 72.898 | 17.93 | 166.158 | 30274.299 | 35000.82 | 22.196 | 23803.398 | 33.025 | 1.016 | 14.674 |
| 9/19/2018 14:10 | 1181400 | 72.902 | 17.93 | 166.166 | 30265.852 | 34991.148 | 22.19 | 23793.982 | 33.041 | 1.016 | 14.672 |
| 9/19/2018 14:15 | 1181700 | 72.903 | 17.93 | 166.167 | 30278.572 | 35005.59 | 22.2 | 23803.803 | 33.027 | 1.016 | 14.671 |
| 9/19/2018 14:20 | 1182000 | 72.901 | 17.93 | 166.164 | 30263.146 | 34987.82 | 22.188 | 23791.719 | 33.043 | 1.016 | 14.671 |
| 9/19/2018 14:25 | 1182300 | 72.894 | 17.93 | 166.148 | 30260.023 | 34984.078 | 22.185 | 23789.176 | 33.047 | 1.016 | 14.67 |
| 9/19/2018 14:30 | 1182600 | 72.896 | 17.93 | 166.152 | 30267.496 | 34992.652 | 22.191 | 23795.006 | 33.039 | 1.016 | 14.67 |
| 9/19/2018 14:35 | 1182900 | 72.899 | 17.93 | 166.159 | 30271.252 | 34997.236 | 22.194 | 23798.191 | 33.035 | 1.016 | 14.669 |
| 9/19/2018 14:40 | 1183200 | 72.898 | 17.929 | 166.158 | 30277.699 | 35005.125 | 22.2 | 23803.486 | 33.028 | 1.016 | 14.667 |
| 9/19/2018 14:45 | 1183500 | 72.898 | 17.93 | 166.157 | 30236.346 | 34956.98 | 22.166 | 23770.748 | 33.073 | 1.015 | 14.666 |
| 9/19/2018 14:50 | 1183800 | 72.899 | 17.93 | 166.158 | 30280.943 | 35008.672 | 22.202 | 23805.896 | 33.024 | 1.016 | 14.667 |
| 9/19/2018 14:55 | 1184100 | 72.893 | 17.93 | 166.146 | 30276.418 | 35003.309 | 22.198 | 23802.252 | 33.029 | 1.016 | 14.668 |
| 9/19/2018 15:00 | 1184400 | 72.895 | 17.93 | 166.149 | 30272.822 | 34999.074 | 22.195 | 23799.371 | 33.033 | 1.016 | 14.668 |
| 9/19/2018 15:05 | 1184700 | 72.893 | 17.931 | 166.145 | 30262.961 | 34987.066 | 22.187 | 23791.207 | 33.044 | 1.016 | 14.667 |
| 9/19/2018 15:10 | 1185000 | 72.899 | 17.93 | 166.159 | 30285.887 | 35014.113 | 22.206 | 23809.6 | 33.019 | 1.016 | 14.665 |
| 9/19/2018 15:15 | 1185300 | 72.898 | 17.93 | 166.157 | 30252.867 | 34976.211 | 22.179 | 23783.824 | 33.055 | 1.015 | 14.664 |
| 9/19/2018 15:20 | 1185600 | 72.898 | 17.93 | 166.157 | 30265.033 | 34989.73 | 22.189 | 23793.018 | 33.041 | 1.016 | 14.662 |
| 9/19/2018 15:25 | 1185900 | 72.895 | 17.93 | 166.15 | 30276.592 | 35003.508 | 22.199 | 23802.385 | 33.029 | 1.016 | 14.66 |
| 9/19/2018 15:30 | 1186200 | 72.903 | 17.93 | 166.169 | 30290.006 | 35018.676 | 22.209 | 23812.701 | 33.014 | 1.016 | 14.658 |
| 9/19/2018 15:35 | 1186500 | 72.902 | 17.93 | 166.162 | 30266.717 | 34991.777 | 22.19 | 23794.408 | 33.04 | 1.016 | 14.66 |
| 9/19/2018 15:40 | 1186800 | 72.897 | 17.93 | 166.156 | 30280.08 | 35007.398 | 22.201 | 23805.033 | 33.025 | 1.016 | 14.661 |
| 9/19/2018 15:45 | 1187100 | 72.895 | 17.93 | 166.149 | 30249.311 | 34972.027 | 22.177 | 23780.979 | 33.059 | 1.015 | 14.663 |
| 9/19/2018 15:50 | 1187400 | 72.899 | 17.93 | 166.159 | 30261.779 | 34986.242 | 22.186 | 23790.646 | 33.045 | 1.016 | 14.663 |
| 9/19/2018 15:55 | 1187700 | 72.896 | 17.93 | 166.153 | 30261.09 | 34985.379 | 22.186 | 23790.061 | 33.046 | 1.016 | 14.662 |
| 9/19/2018 16:00 | 1188000 | 72.898 | 17.93 | 166.157 | 30268.281 | 34993.625 | 22.192 | 23795.668 | 33.038 | 1.016 | 14.662 |
| 9/19/2018 16:05 | 1188300 | 72.893 | 17.93 | 166.145 | 30270.961 | 34996.961 | 22.187 | 23797.936 | 33.035 | 1.016 | 14.665 |
| 9/19/2018 16:10 | 1188600 | 72.906 | 17.93 | 166.176 | 30263.158 | 34987.836 | 22.188 | 23791.729 | 33.043 | 1.016 | 14.658 |
| 9/19/2018 16:15 | 1188900 | 72.905 | 17.93 | 166.172 | 30260.135 | 34984.141 | 22.185 | 23789.217 | 33.047 | 1.016 | 14.656 |
| 9/19/2018 16:20 | 1189200 | 72.903 | 17.93 | 166.169 | 30273.035 | 34998.918 | 22.195 | 23799.266 | 33.033 | 1.016 | 14.657 |
| 9/19/2018 16:25 | 1189500 | 72.905 | 17.93 | 166.173 | 30261.215 | 34985.453 | 22.186 | 23790.107 | 33.046 | 1.016 | 14.658 |
| 9/19/2018 16:30 | 1189800 | 72.907 | 17.93 | 166.178 | 30273.582 | 34999.551 | 22.196 | 23799.695 | 33.032 | 1.016 | 14.658 |
| 9/19/2018 16:35 | 1190100 | 72.897 | 17.93 | 166.17 | 30277.53 | 35004.094 | 22.197 | 23802.783 | 33.034 | 1.016 | 14.658 |
| 9/19/2018 16:40 | 1190400 | 72.904 | 17.93 | 166.215 | 30266.715 | 34991.949 | 22.19 | 23794.527 | 33.04 | 1.016 | 14.658 |
| 9/19/2018 16:45 | 1190700 | 72.906 | 17.931 | 166.174 | 30267.129 | 34991.953 | 22.19 | 23794.531 | 33.039 | 1.016 | 14.658 |
| 9/19/2018 16:50 | 1191000 | 72.906 | 17.93 | 166.175 | 30285.678 | 35013.938 | 22.206 | 23809.479 | 33.019 | 1.016 | 14.657 |
| 9/19/2018 16:55 | 1191300 | 72.915 | 17.93 | 166.197 | 30254.627 | 34978.309 | 22.181 | 23785.252 | 33.053 | 1.015 | 14.655 |
| 9/19/2018 17:00 | 1191600 | 72.914 | 17.93 | 166.194 | 30270.617 | 34996.461 | 22.194 | 23797.594 | 33.035 | 1.016 | 14.654 |
| 9/19/2018 17:05 | 1191900 | 72.913 | 17.93 | 166.19 | 30260.426 | 34984.82 | 22.185 | 23789.678 | 33.046 | 1.016 | 14.653 |
| 9/1 | | | | | | | | | | | |

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|-----------------|---------|--------|-------|---------|-----------|-----------|--------|-----------|--------|-------|--------|
| 9/20/2018 4:05 | 1231500 | 72.82 | 17.93 | 165.978 | 30273.211 | 34999.184 | 22.196 | 23799.445 | 33.033 | 1.016 | 14.637 |
| 9/20/2018 4:10 | 1231800 | 72.822 | 17.93 | 165.984 | 30252.807 | 34976.012 | 22.179 | 23783.689 | 33.055 | 1.015 | 14.636 |
| 9/20/2018 4:15 | 1232100 | 72.825 | 17.93 | 165.99 | 30259.01 | 34983.375 | 22.184 | 23788.695 | 33.048 | 1.016 | 14.635 |
| 9/20/2018 4:20 | 1232400 | 72.818 | 17.93 | 165.975 | 30261.104 | 34985.395 | 22.186 | 23790.07 | 33.046 | 1.016 | 14.637 |
| 9/20/2018 4:25 | 1232700 | 72.821 | 17.93 | 165.981 | 30272.117 | 34998.059 | 22.2 | 23798.682 | 33.034 | 1.016 | 14.639 |
| 9/20/2018 4:30 | 1233000 | 72.815 | 17.93 | 165.967 | 30279.164 | 35006.273 | 22.195 | 23804.266 | 33.026 | 1.016 | 14.641 |
| 9/20/2018 4:35 | 1233300 | 72.815 | 17.93 | 165.975 | 30282.004 | 34986.85 | 22.187 | 23791.016 | 33.041 | 1.016 | 14.641 |
| 9/20/2018 4:40 | 1233600 | 72.814 | 17.93 | 165.966 | 30274.803 | 35001.57 | 22.197 | 23801.068 | 33.031 | 1.016 | 14.64 |
| 9/20/2018 4:45 | 1233900 | 72.816 | 17.93 | 165.971 | 30270.953 | 34996.914 | 22.194 | 23797.902 | 33.035 | 1.016 | 14.64 |
| 9/20/2018 4:50 | 1234200 | 72.811 | 17.93 | 165.96 | 30276.455 | 35003.41 | 22.198 | 23802.318 | 33.029 | 1.016 | 14.639 |
| 9/20/2018 4:55 | 1234500 | 72.815 | 17.93 | 165.968 | 30267.67 | 34993.195 | 22.191 | 23795.373 | 33.039 | 1.016 | 14.639 |
| 9/20/2018 5:00 | 1234800 | 72.817 | 17.93 | 165.972 | 30269.547 | 34995.422 | 22.193 | 23796.889 | 33.037 | 1.016 | 14.638 |
| 9/20/2018 5:05 | 1235100 | 72.817 | 17.93 | 165.971 | 30269.025 | 34995.099 | 22.193 | 23796.629 | 33.036 | 1.016 | 14.638 |
| 9/20/2018 5:10 | 1235400 | 72.818 | 17.93 | 165.976 | 30270.74 | 34996.266 | 22.193 | 23797.463 | 33.035 | 1.016 | 14.638 |
| 9/20/2018 5:15 | 1235700 | 72.817 | 17.93 | 165.973 | 30270.965 | 34997.004 | 22.194 | 23797.965 | 33.035 | 1.016 | 14.638 |
| 9/20/2018 5:20 | 1236000 | 72.817 | 17.93 | 165.972 | 30267.906 | 34993.523 | 22.192 | 23795.598 | 33.038 | 1.016 | 14.639 |
| 9/20/2018 5:25 | 1236300 | 72.815 | 17.93 | 165.968 | 30280.857 | 35008.633 | 22.202 | 23805.871 | 33.024 | 1.016 | 14.639 |
| 9/20/2018 5:30 | 1236600 | 72.819 | 17.93 | 165.977 | 30260.752 | 34985.055 | 22.186 | 23789.838 | 33.046 | 1.016 | 14.64 |
| 9/20/2018 5:35 | 1236900 | 72.816 | 17.93 | 165.97 | 30275.059 | 35001.789 | 22.197 | 23801.259 | 33.03 | 1.016 | 14.64 |
| 9/20/2018 5:40 | 1237200 | 72.82 | 17.93 | 165.979 | 30273.797 | 35000.277 | 22.196 | 23800.189 | 33.032 | 1.016 | 14.644 |
| 9/20/2018 5:45 | 1237500 | 72.813 | 17.93 | 165.962 | 30270.465 | 34996.555 | 22.194 | 23797.658 | 33.036 | 1.016 | 14.646 |
| 9/20/2018 5:50 | 1237800 | 72.82 | 17.93 | 165.979 | 30276.641 | 35003.422 | 22.198 | 23802.328 | 33.029 | 1.016 | 14.645 |
| 9/20/2018 5:55 | 1238100 | 72.82 | 17.93 | 165.98 | 30269.559 | 34995.035 | 22.193 | 23796.627 | 33.036 | 1.016 | 14.644 |
| 9/20/2018 6:00 | 1238400 | 72.821 | 17.93 | 165.982 | 30288.525 | 35017.098 | 22.208 | 23811.629 | 33.016 | 1.016 | 14.643 |
| 9/20/2018 6:05 | 1238700 | 72.823 | 17.93 | 165.987 | 30267.645 | 34993.023 | 22.191 | 23795.258 | 33.039 | 1.016 | 14.645 |
| 9/20/2018 6:10 | 1239000 | 72.821 | 17.93 | 165.981 | 30269.047 | 34994.707 | 22.192 | 23796.402 | 33.037 | 1.016 | 14.647 |
| 9/20/2018 6:15 | 1239300 | 72.815 | 17.93 | 165.967 | 30266.752 | 34992.055 | 22.191 | 23794.6 | 33.04 | 1.016 | 14.65 |
| 9/20/2018 6:20 | 1239600 | 72.822 | 17.93 | 165.985 | 30268.084 | 34993.195 | 22.191 | 23795.373 | 33.038 | 1.016 | 14.647 |
| 9/20/2018 6:25 | 1239900 | 72.825 | 17.93 | 165.991 | 30260.223 | 34984.508 | 22.185 | 23789.467 | 33.047 | 1.016 | 14.645 |
| 9/20/2018 6:30 | 1240200 | 72.83 | 17.93 | 166.002 | 30265.639 | 34990.703 | 22.19 | 23793.678 | 33.041 | 1.016 | 14.642 |
| 9/20/2018 6:35 | 1240500 | 72.833 | 17.93 | 166.008 | 30263.408 | 34988.191 | 22.188 | 23791.971 | 33.043 | 1.016 | 14.644 |
| 9/20/2018 6:40 | 1240800 | 72.834 | 17.93 | 166.011 | 30271.629 | 34997.355 | 22.194 | 23798.203 | 33.034 | 1.016 | 14.646 |
| 9/20/2018 6:45 | 1241100 | 72.834 | 17.93 | 166.01 | 30262.895 | 34987.195 | 22.187 | 23791.295 | 33.044 | 1.016 | 14.647 |
| 9/20/2018 6:50 | 1241400 | 72.834 | 17.93 | 166.011 | 30270.055 | 34996.082 | 22.193 | 23797.336 | 33.036 | 1.016 | 14.649 |
| 9/20/2018 6:55 | 1241700 | 72.836 | 17.93 | 166.016 | 30272.016 | 34997.668 | 22.194 | 23798.416 | 33.034 | 1.016 | 14.651 |
| 9/20/2018 7:00 | 1242000 | 72.832 | 17.93 | 166.007 | 30259.51 | 34983.281 | 22.184 | 23788.631 | 33.047 | 1.016 | 14.653 |
| 9/20/2018 7:05 | 1242300 | 72.835 | 17.93 | 166.008 | 30265.664 | 34990.668 | 22.19 | 23793.656 | 33.041 | 1.016 | 14.653 |
| 9/20/2018 7:10 | 1242600 | 72.835 | 17.93 | 166.013 | 30279.15 | 35006.324 | 22.2 | 23804.303 | 33.026 | 1.016 | 14.652 |
| 9/20/2018 7:15 | 1242900 | 72.839 | 17.93 | 166.023 | 30278.803 | 35005.859 | 22.2 | 23803.986 | 33.026 | 1.016 | 14.652 |
| 9/20/2018 7:20 | 1243200 | 72.838 | 17.93 | 166.021 | 30252.629 | 34975.527 | 22.179 | 23783.361 | 33.055 | 1.015 | 14.653 |
| 9/20/2018 7:25 | 1243500 | 72.843 | 17.93 | 166.033 | 30270.125 | 34996.164 | 22.193 | 23797.395 | 33.036 | 1.016 | 14.654 |
| 9/20/2018 7:30 | 1243800 | 72.84 | 17.93 | 166.025 | 30273.609 | 34999.984 | 22.196 | 23799.992 | 33.032 | 1.016 | 14.655 |
| 9/20/2018 7:35 | 1244100 | 72.841 | 17.93 | 166.028 | 30277.977 | 35004.832 | 22.194 | 23803.285 | 33.027 | 1.016 | 14.657 |
| 9/20/2018 7:40 | 1244400 | 72.845 | 17.93 | 166.037 | 30279.256 | 35006.246 | 22.2 | 23804.248 | 33.026 | 1.016 | 14.659 |
| 9/20/2018 7:45 | 1244700 | 72.847 | 17.93 | 166.04 | 30271.529 | 34997.449 | 22.194 | 23798.268 | 33.034 | 1.016 | 14.661 |
| 9/20/2018 7:50 | 1245000 | 72.846 | 17.93 | 166.038 | 30258.121 | 34982.078 | 22.184 | 23787.813 | 33.049 | 1.016 | 14.661 |
| 9/20/2018 7:55 | 1245300 | 72.848 | 17.93 | 166.043 | 30277.111 | 35003.695 | 22.199 | 23802.516 | 33.028 | 1.016 | 14.661 |
| 9/20/2018 8:00 | 1245600 | 72.851 | 17.93 | 166.05 | 30279.355 | 35006.563 | 22.201 | 23804.465 | 33.026 | 1.016 | 14.661 |
| 9/20/2018 8:05 | 1245900 | 72.851 | 17.93 | 166.049 | 30269.299 | 34995.137 | 22.193 | 23796.693 | 33.037 | 1.016 | 14.661 |
| 9/20/2018 8:10 | 1246200 | 72.85 | 17.93 | 166.047 | 30279.93 | 35006.816 | 22.201 | 23804.637 | 33.025 | 1.016 | 14.662 |
| 9/20/2018 8:15 | 1246500 | 72.848 | 17.93 | 166.043 | 30284.994 | 35013.145 | 22.205 | 23808.941 | 33.02 | 1.016 | 14.663 |
| 9/20/2018 8:20 | 1246800 | 72.853 | 17.93 | 166.055 | 30277.9 | 35005.023 | 22.2 | 23803.418 | 33.027 | 1.016 | 14.663 |
| 9/20/2018 8:25 | 1247100 | 72.875 | 17.93 | 166.106 | 30266.516 | 34991.719 | 22.19 | 23794.371 | 33.04 | 1.016 | 14.662 |
| 9/20/2018 8:30 | 1247400 | 72.863 | 17.93 | 166.076 | 30275.143 | 35001.891 | 22.197 | 23801.287 | 33.03 | 1.016 | 14.662 |
| 9/20/2018 8:35 | 1247700 | 72.853 | 17.93 | 166.055 | 30271.629 | 34997.302 | 22.195 | 23798.574 | 33.034 | 1.016 | 14.663 |
| 9/20/2018 8:40 | 1248000 | 72.856 | 17.93 | 166.052 | 30275.354 | 35001.734 | 22.197 | 23801.18 | 33.03 | 1.016 | 14.664 |
| 9/20/2018 8:45 | 1248300 | 72.858 | 17.93 | 166.067 | 30269.059 | 34994.801 | 22.192 | 23796.467 | 33.037 | 1.016 | 14.666 |
| 9/20/2018 8:50 | 1248600 | 72.856 | 17.93 | 166.061 | 30270.213 | 34995.926 | 22.193 | 23797.232 | 33.036 | 1.016 | 14.666 |
| 9/20/2018 8:55 | 1248900 | 72.864 | 17.93 | 166.081 | 30271.83 | 34997.863 | 22.195 | 23798.547 | 33.034 | 1.016 | 14.665 |
| 9/20/2018 9:00 | 1249200 | 72.864 | 17.93 | 166.078 | 30279.395 | 35006.75 | 22.201 | 23804.59 | 33.026 | 1.016 | 14.665 |
| 9/20/2018 9:05 | 1249500 | 72.865 | 17.93 | 166.082 | 30254.41 | 34977.656 | 22.18 | 23784.807 | 33.053 | 1.015 | 14.666 |
| 9/20/2018 9:10 | 1249800 | 72.866 | 17.93 | 166.088 | 30280.758 | 35005.884 | 22.197 | 23805.564 | 33.024 | 1.016 | 14.666 |
| 9/20/2018 9:15 | 1250100 | 72.873 | 17.93 | 166.099 | 30267.795 | 34993.133 | 22.191 | 23795.332 | 33.038 | 1.016 | 14.666 |
| 9/20/2018 9:20 | 1250400 | 72.874 | 17.93 | 166.101 | 30267.367 | 34992.902 | 22.191 | 23795.176 | 33.039 | 1.016 | 14.665 |
| 9/20/2018 9:25 | 1250700 | 72.875 | 17.93 | 166.104 | 30260.887 | 34985.211 | 22.186 | 23789.943 | 33.046 | 1.016 | 14.664 |
| 9/20/2018 9:30 | 1251000 | 72.878 | 17.93 | 166.111 | 30259.186 | 34983.109 | 22.184 | 23788.516 | 33.048 | 1.016 | 14.664 |
| 9/20/2018 9:35 | 1251300 | 72.875 | 17.93 | 166.105 | 30246.986 | 34969.074 | 22.174 | 23778.973 | 33.061 | 1.015 | 14.662 |
| 9/20/2018 9:40 | 1251600 | 72.879 | 17.93 | 166.107 | 30271.012 | 34997.25 | 22.193 | 23791.13 | 33.055 | 1.016 | 14.663 |
| 9/20/2018 9:45 | 1251900 | 72.886 | 17.93 | 166.113 | 30272.697 | 34999.199 | 22.195 | 23799.455 | 33.033 | 1.016 | 14.66 |
| 9/20/2018 9:50 | 1252200 | 72.884 | 17.93 | 166.125 | 30275.441 | 35002.035 | 22.197 | 23801.387 | 33.03 | 1.016 | 14.662 |
| 9/20/2018 9:55 | 1252500 | 72.885 | 17.93 | 166.128 | 30279.967 | 35007.332 | 22.201 | 23804.986 | 33.025 | 1.016 | 14.665 |
| 9/20/2018 10:00 | 1252800 | 72.879 | 17.93 | 166.114 | 30269.625 | 34995.453 | 22.193 | 23796.91 | 33.036 | 1.016 | 14.667 |
| 9/20/2018 10:05 | 1253100 | 72.88 | 17.93 | 166.116 | 30281.619 | 35009.113 | 22.202 | 23806.197 | 33.023 | 1.016 | 14.668 |
| 9/20/2018 10:10 | 1253400 | 72.885 | 17.93 | 166.127 | 30272.846 | 34999.809 | 22.196 | 23797.209 | 33.043 | 1.016 | 14.668 |
| 9/20/2018 10:15 | 1253700 | 72.882 | 17.93 | 166.12 | 30279.566 | 35006.742 | 22.201 | 23804.584 | 33.026 | 1.016 | 14.668 |
| 9/20/2018 10:20 | 1254000 | 72.886 | 17.93 | 166.113 | 30279.793 | 35007.133 | 22.201 | 23804.852 | 33.025 | 1.016 | 14.668 |
| 9/20/2018 10:25 | 1254300 | 72.882 | 17.93 | 166.121 | 30269.977 | 34995.859 | 22.193 | 23797.186 | 33.036 | 1.016 | 14.668 |
| 9/20/2018 10:30 | 1254600 | 72.885 | 17.93 | 166.126 | 30252.922 | 34975.867 | 22.179 | 23783.59 | 33.055 | 1.015 | 14.668 |
| 9/20/2018 10:35 | 1254900 | 72.891 | 17.93 | 166.141 | 30271.402 | 34997.434 | 22.194 | 23798.258 | 33.034 | 1.016 | 14.669 |
| 9/20/2018 10:40 | 1255200 | 72.883 | 17.93 | 166.122 | 30287.127 | 35015.82 | 22.207 | 23801.758 | 33.017 | 1.016 | 14.67 |
| 9/20/2018 10:45 | 1255500 | 72.886 | 17.93 | 166.129 | 30272.234 | 34 | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|-------|-------|---------|-----------|-----------|--------|-----------|--------|-------|--------|
| 9/20/2018 21:40 | 1294800 | 72953 | 1793 | 166.283 | 30288.207 | 35016.938 | 22.208 | 23811.52 | 33.016 | 1.016 | 14.675 |
| 9/20/2018 21:45 | 1295100 | 72949 | 1793 | 166.274 | 30275.797 | 35002.246 | 22.198 | 23801.529 | 33.03 | 1.016 | 14.675 |
| 9/20/2018 21:50 | 1295400 | 72954 | 1793 | 166.284 | 30294.055 | 35023.281 | 22.212 | 23815.834 | 33.01 | 1.016 | 14.674 |
| 9/20/2018 21:55 | 1295700 | 72955 | 1793 | 166.287 | 30260.477 | 34984.734 | 22.185 | 23789.619 | 33.046 | 1.016 | 14.673 |
| 9/20/2018 22:00 | 1296000 | 72953 | 1793 | 166.283 | 30270.176 | 34996.223 | 22.193 | 23797.432 | 33.036 | 1.016 | 14.673 |
| 9/20/2018 22:05 | 1296300 | 72954 | 1793 | 166.284 | 30267.682 | 34993 | 22.191 | 23795.242 | 33.039 | 1.016 | 14.675 |
| 9/20/2018 22:10 | 1296600 | 72948 | 1793 | 166.27 | 30262.117 | 34986.297 | 22.187 | 23790.682 | 33.045 | 1.016 | 14.677 |
| 9/20/2018 22:15 | 1296900 | 72949 | 1793 | 166.274 | 30270.363 | 34995.965 | 22.193 | 23797.256 | 33.036 | 1.016 | 14.679 |
| 9/20/2018 22:20 | 1297200 | 72952 | 1793 | 166.28 | 30264.336 | 34989.133 | 22.188 | 23792.611 | 33.042 | 1.016 | 14.676 |
| 9/20/2018 22:25 | 1297500 | 72956 | 1793 | 166.289 | 30284.262 | 35012.234 | 22.205 | 23808.32 | 33.02 | 1.016 | 14.673 |
| 9/20/2018 22:30 | 1297800 | 72959 | 1793 | 166.296 | 30274.42 | 35000.855 | 22.197 | 23800.582 | 33.031 | 1.016 | 14.671 |
| 9/20/2018 22:35 | 1298100 | 72961 | 1793 | 166.301 | 30277.525 | 35004.246 | 22.199 | 23802.887 | 33.028 | 1.016 | 14.67 |
| 9/20/2018 22:40 | 1298400 | 72958 | 1793 | 166.293 | 30266.865 | 34992.32 | 22.191 | 23794.779 | 33.039 | 1.016 | 14.671 |
| 9/20/2018 22:45 | 1298700 | 72954 | 1793 | 166.286 | 30266.402 | 34991.18 | 22.19 | 23794.002 | 33.04 | 1.016 | 14.672 |
| 9/20/2018 22:50 | 1299000 | 72953 | 1793 | 166.282 | 30277.73 | 35004.957 | 22.2 | 23803.371 | 33.028 | 1.016 | 14.672 |
| 9/20/2018 22:55 | 1299300 | 7295 | 1793 | 166.276 | 30290.646 | 35019.281 | 22.21 | 23813.111 | 33.013 | 1.016 | 14.672 |
| 9/20/2018 23:00 | 1299600 | 72953 | 1793 | 166.281 | 30254.961 | 34978.359 | 22.181 | 23785.285 | 33.052 | 1.016 | 14.672 |
| 9/20/2018 23:05 | 1299900 | 7295 | 1793 | 166.275 | 30298.887 | 35029.008 | 22.216 | 23819.725 | 33.005 | 1.016 | 14.671 |
| 9/20/2018 23:10 | 1300200 | 72954 | 1793 | 166.284 | 30278.475 | 35005.543 | 22.2 | 23803.77 | 33.027 | 1.016 | 14.67 |
| 9/20/2018 23:15 | 1300500 | 72946 | 1793 | 166.267 | 30277.541 | 35004.398 | 22.199 | 23802.992 | 33.028 | 1.016 | 14.67 |
| 9/20/2018 23:20 | 1300800 | 72948 | 1793 | 166.271 | 30281.383 | 35008.84 | 22.202 | 23806.014 | 33.024 | 1.016 | 14.669 |
| 9/20/2018 23:25 | 1301100 | 72946 | 1793 | 166.268 | 30273.51 | 34999.395 | 22.196 | 23799.59 | 33.032 | 1.016 | 14.668 |
| 9/20/2018 23:30 | 1301400 | 72947 | 1793 | 166.27 | 30282.207 | 35010 | 22.203 | 23806.803 | 33.023 | 1.016 | 14.667 |
| 9/20/2018 23:35 | 1301700 | 72944 | 1793 | 166.262 | 30271.68 | 34997.621 | 22.194 | 23798.383 | 33.034 | 1.016 | 14.669 |
| 9/20/2018 23:40 | 1302000 | 72944 | 1793 | 166.261 | 30282.752 | 35010.629 | 22.208 | 23807.23 | 33.022 | 1.016 | 14.672 |
| 9/20/2018 23:45 | 1302300 | 72953 | 1793 | 166.283 | 30270.6 | 34996.711 | 22.194 | 23797.766 | 33.035 | 1.016 | 14.674 |
| 9/20/2018 23:50 | 1302600 | 72937 | 1793 | 166.245 | 30276.354 | 35003.027 | 22.198 | 23802.059 | 33.029 | 1.016 | 14.672 |
| 9/20/2018 23:55 | 1302900 | 72936 | 1793 | 166.245 | 30273.707 | 35000.172 | 22.196 | 23800.117 | 33.032 | 1.016 | 14.669 |
| 9/21/2018 0:00 | 1303200 | 7294 | 1793 | 166.253 | 30271.164 | 34996.758 | 22.194 | 23797.797 | 33.035 | 1.016 | 14.667 |
| 9/21/2018 0:05 | 1303500 | 72938 | 1793 | 166.249 | 30273.031 | 34998.844 | 22.195 | 23799.215 | 33.033 | 1.016 | 14.668 |
| 9/21/2018 0:10 | 1303800 | 72932 | 1793 | 166.234 | 30293.966 | 34999.397 | 22.196 | 23799.582 | 33.033 | 1.016 | 14.67 |
| 9/21/2018 0:15 | 1304100 | 72929 | 1793 | 166.228 | 30301.605 | 35032.621 | 22.219 | 23822.184 | 33.002 | 1.016 | 14.672 |
| 9/21/2018 0:20 | 1304400 | 72934 | 1793 | 166.239 | 30284.258 | 35012.504 | 22.205 | 23808.502 | 33.02 | 1.016 | 14.67 |
| 9/21/2018 0:25 | 1304700 | 72927 | 1793 | 166.223 | 30275.027 | 35001.625 | 22.197 | 23801.107 | 33.031 | 1.016 | 14.669 |
| 9/21/2018 0:30 | 1305000 | 72925 | 1793 | 166.218 | 30274.236 | 34990.441 | 22.196 | 23800.303 | 33.031 | 1.016 | 14.667 |
| 9/21/2018 0:35 | 1305300 | 72925 | 1793 | 166.219 | 30283.529 | 35011.188 | 22.204 | 23807.607 | 33.021 | 1.016 | 14.666 |
| 9/21/2018 0:40 | 1305600 | 72921 | 1793 | 166.209 | 30292.866 | 35021.883 | 22.211 | 23814.883 | 33.011 | 1.016 | 14.664 |
| 9/21/2018 0:45 | 1305900 | 72922 | 1793 | 166.211 | 30276.727 | 35003.387 | 22.198 | 23802.303 | 33.029 | 1.016 | 14.663 |
| 9/21/2018 0:50 | 1306200 | 72919 | 1793 | 166.204 | 30293.031 | 35022.238 | 22.212 | 23815.125 | 33.011 | 1.016 | 14.664 |
| 9/21/2018 0:55 | 1306500 | 72915 | 1793 | 166.197 | 30251.822 | 34974.457 | 22.178 | 23782.633 | 33.056 | 1.016 | 14.666 |
| 9/21/2018 1:00 | 1306800 | 72916 | 1793 | 166.198 | 30280.805 | 35007.965 | 22.202 | 23805.418 | 33.024 | 1.016 | 14.668 |
| 9/21/2018 1:05 | 1307100 | 72909 | 1793 | 166.182 | 30286.682 | 35014.758 | 22.206 | 23810.035 | 33.018 | 1.016 | 14.668 |
| 9/21/2018 1:10 | 1307400 | 72911 | 1793 | 166.187 | 30254.869 | 34978.188 | 22.181 | 23785.17 | 33.053 | 1.016 | 14.669 |
| 9/21/2018 1:15 | 1307700 | 72912 | 1793 | 166.162 | 30281.129 | 35008.676 | 22.202 | 23805.9 | 33.024 | 1.016 | 14.669 |
| 9/21/2018 1:20 | 1308000 | 72903 | 1793 | 166.169 | 30297.236 | 35027.035 | 22.215 | 23818.387 | 33.006 | 1.016 | 14.666 |
| 9/21/2018 1:25 | 1308300 | 72911 | 1793 | 166.187 | 30302.102 | 35032.586 | 22.219 | 23822.158 | 33.001 | 1.016 | 14.664 |
| 9/21/2018 1:30 | 1308600 | 72907 | 1793 | 166.177 | 30272.822 | 34999.008 | 22.195 | 23799.328 | 33.033 | 1.016 | 14.661 |
| 9/21/2018 1:35 | 1308900 | 72899 | 1793 | 166.16 | 30280.480 | 35007.645 | 22.201 | 23805.201 | 33.025 | 1.016 | 14.662 |
| 9/21/2018 1:40 | 1309200 | 72894 | 1793 | 166.148 | 30303.084 | 35003.295 | 22.22 | 23823.256 | 33 | 1.016 | 14.664 |
| 9/21/2018 1:45 | 1309500 | 72892 | 1793 | 166.144 | 30274.221 | 35000.691 | 22.197 | 23800.473 | 33.031 | 1.016 | 14.665 |
| 9/21/2018 1:50 | 1309800 | 7289 | 1793 | 166.138 | 30288.428 | 35016.984 | 22.208 | 23811.551 | 33.016 | 1.016 | 14.665 |
| 9/21/2018 1:55 | 1310100 | 72888 | 1793 | 166.134 | 30285.313 | 35013.313 | 22.205 | 23809.053 | 33.019 | 1.016 | 14.665 |
| 9/21/2018 2:00 | 1310400 | 72885 | 1793 | 166.128 | 30284.039 | 35012.117 | 22.205 | 23808.24 | 33.021 | 1.016 | 14.665 |
| 9/21/2018 2:05 | 1310700 | 72884 | 1793 | 166.126 | 30268.633 | 34994.164 | 22.192 | 23796.031 | 33.038 | 1.016 | 14.666 |
| 9/21/2018 2:10 | 1311000 | 72878 | 1793 | 166.11 | 30271.051 | 34997.234 | 22.194 | 23798.121 | 33.035 | 1.016 | 14.666 |
| 9/21/2018 2:15 | 1311300 | 72874 | 1793 | 166.101 | 30274.926 | 35001.441 | 22.197 | 23800.982 | 33.031 | 1.016 | 14.667 |
| 9/21/2018 2:20 | 1311600 | 72876 | 1793 | 166.107 | 30285.758 | 35014.234 | 22.206 | 23809.682 | 33.019 | 1.016 | 14.664 |
| 9/21/2018 2:25 | 1311900 | 72875 | 1793 | 166.105 | 30293.107 | 35022.527 | 22.212 | 23815.318 | 33.011 | 1.016 | 14.662 |
| 9/21/2018 2:30 | 1312200 | 72875 | 1793 | 166.106 | 30281.014 | 35008.414 | 22.202 | 23805.723 | 33.024 | 1.016 | 14.659 |
| 9/21/2018 2:35 | 1312500 | 72875 | 1793 | 166.104 | 30268.297 | 34993.777 | 22.192 | 23795.771 | 33.038 | 1.016 | 14.66 |
| 9/21/2018 2:40 | 1312800 | 7287 | 17929 | 166.094 | 30267.027 | 34992.711 | 22.191 | 23795.043 | 33.039 | 1.016 | 14.661 |
| 9/21/2018 2:45 | 1313100 | 72863 | 1793 | 166.083 | 30293.799 | 35001.888 | 22.198 | 23802.17 | 33.029 | 1.016 | 14.662 |
| 9/21/2018 2:50 | 1313400 | 72864 | 1793 | 166.079 | 30281.152 | 35008.91 | 22.202 | 23806.059 | 33.024 | 1.016 | 14.666 |
| 9/21/2018 2:55 | 1313700 | 72859 | 1793 | 166.068 | 30271.537 | 34997.188 | 22.194 | 23798.088 | 33.034 | 1.016 | 14.669 |
| 9/21/2018 3:00 | 1314000 | 72869 | 1793 | 166.09 | 30284.42 | 35012.352 | 22.205 | 23808.398 | 33.02 | 1.016 | 14.673 |
| 9/21/2018 3:05 | 1314300 | 72849 | 1793 | 166.045 | 30286.164 | 35014.574 | 22.206 | 23809.912 | 33.018 | 1.016 | 14.671 |
| 9/21/2018 3:10 | 1314600 | 72852 | 1793 | 166.051 | 30265.25 | 34988.848 | 22.189 | 23793.096 | 33.041 | 1.016 | 14.67 |
| 9/21/2018 3:15 | 1314900 | 72852 | 1793 | 166.052 | 30278.025 | 35005.947 | 22.2 | 23803.283 | 33.027 | 1.016 | 14.668 |
| 9/21/2018 3:20 | 1315200 | 72846 | 1793 | 166.038 | 30242.607 | 34964.141 | 22.171 | 23775.615 | 33.066 | 1.016 | 14.668 |
| 9/21/2018 3:25 | 1315500 | 72846 | 1793 | 166.039 | 30284.689 | 35012.93 | 22.205 | 23808.795 | 33.02 | 1.016 | 14.668 |
| 9/21/2018 3:30 | 1315800 | 72845 | 1793 | 166.037 | 30275.238 | 35001.801 | 22.197 | 23801.227 | 33.03 | 1.016 | 14.668 |
| 9/21/2018 3:35 | 1316100 | 72841 | 1793 | 166.026 | 30270.201 | 34995.645 | 22.193 | 23797.041 | 33.036 | 1.016 | 14.668 |
| 9/21/2018 3:40 | 1316400 | 72843 | 1793 | 166.032 | 30279.256 | 35006.781 | 22.201 | 23804.613 | 33.026 | 1.016 | 14.668 |
| 9/21/2018 3:45 | 1316700 | 72839 | 1793 | 166.023 | 30285.377 | 34989.93 | 22.189 | 23803.154 | 33.049 | 1.016 | 14.669 |
| 9/21/2018 3:50 | 1317000 | 72838 | 1793 | 166.02 | 30274.965 | 35001.551 | 22.197 | 23801.057 | 33.031 | 1.016 | 14.668 |
| 9/21/2018 3:55 | 1317300 | 72836 | 1793 | 166.016 | 30264.059 | 34988.941 | 22.188 | 23792.482 | 33.042 | 1.016 | 14.667 |
| 9/21/2018 4:00 | 1317600 | 72839 | 1793 | 166.023 | 30270.703 | 34996.285 | 22.193 | 23797.477 | 33.035 | 1.016 | 14.666 |
| 9/21/2018 4:05 | 1317900 | 72835 | 1793 | 166.014 | 30265.975 | 34991.027 | 22.19 | 23793.9 | 33.04 | 1.016 | 14.668 |
| 9/21/2018 4:10 | 1318200 | 72833 | 1793 | 166.008 | 30269.197 | 34995.09 | 22.193 | 23796.664 | 33.037 | 1.016 | 14.669 |
| 9/21/2018 4:15 | 1318500 | 72829 | 17929 | 165.999 | 30278.838 | 35006.363 | 22.2 | 23804.328 | 33.026 | 1.016 | 14.671 |
| 9/21/2018 4:20 | 1318800 | 72831 | 1793 | 166.004 | 30283.568 | 35011.434 | 22.204 | 23807.777 | 33.021 | 1.016 | 14.672 |
| 9/21/2018 4:25 | 1319100 | 72826 | 1793 | 165.993 | 30273.906 | 350 | | | | | |

Report Date: 10/8/2018 13:13
 Report User Name: WMassoll
 Report Computer Name: WKST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MPWSP MW-45 LT Test_2018-10-05_15-07-34-829-BaroMerge.wsl
 Create Date: 10/8/2018 13:10

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP MW-45
 Device Name
 Serial Number: 499043
 Firmware Version: 2.01
 Hardware Version: 1
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 0
 Used Battery: 1

Log Configuration
 Log Name: MPWSP MW-45 LT Test
 Created By: WMassoll
 Computer Name: PROBOOK2
 Application: WinSitu.exe
 Application Version: 5.6.27.1
 Create Date: 4/7/2017 3:13:17 PM Pacific Daylight Time
 Log Setup Time Zone: Pacific Daylight Time
 Notes Size(bytes): 4096
 Overwrite when full: Enabled
 Scheduled Start Time: 4/7/2017 3:30:00 PM Pacific Daylight Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 05 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Depth
 Specific Gravity: 1.012

Other Log Settings
 Depth of Probe: 63.6528 (ft)
 Head Pressure: 27.9263 (PSI)
 Temperature: 17.7386 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:
 Date and Time Note
 4/7/2017 15:13 Log Download - Used Battery: 1% Used Memory: 3% User Name: WMassoll
 4/13/2017 18:40 Log Download - Used Battery: 1% Used Memory: 4% User Name: WMassoll Interval - Start Time: 4/7/2017 3:30:00 PM Stop Time: 4/13/2017 8:40:00 PM
 4/20/2017 7:04 Log Download - Used Battery: 2% Used Memory: 6% User Name: AVanHaltma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 8:00:00 AM
 4/27/2017 18:47 Log Download - Used Battery: 3% Used Memory: 9% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 7:45:00 PM
 5/4/2017 12:48 Log Download - Used Battery: 4% Used Memory: 12% User Name: AVanHaltma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 1:45:00 PM
 5/11/2017 7:12 Log Download - Used Battery: 4% Used Memory: 14% User Name: AVanHaltma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 3:30:00 PM
 5/18/2017 18:50 Log Download - Used Battery: 5% Used Memory: 17% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 7:50:00 PM
 5/25/2017 7:03 Log Download - Used Battery: 6% Used Memory: 18% User Name: AVanHaltma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 8:00:00 AM
 6/1/2017 18:10 Log Download - Used Battery: 7% Used Memory: 21% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 7:10:00 PM
 6/8/2017 17:11 Log Download - Used Battery: 7% Used Memory: 23% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 6:10:00 PM
 6/15/2017 7:19 Log Download - Used Battery: 8% Used Memory: 26% User Name: AVanHaltma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 8:15:00 AM
 6/22/2017 6:39 Log Download - Used Battery: 9% Used Memory: 28% User Name: AVanHaltma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 7:35:00 AM
 6/29/2017 15:55 Log Download - Used Battery: 10% Used Memory: 31% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:55:00 PM
 7/6/2017 9:22 Log Download - Used Battery: 10% Used Memory: 34% User Name: AVanHaltma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 10:20:00 AM
 7/13/2017 17:45 Log Download - Used Battery: 11% Used Memory: 35% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 6:45:00 PM
 7/20/2017 17:19 Log Download - Used Battery: 12% Used Memory: 39% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 6:15:00 PM
 7/27/2017 6:50 Log Download - Used Battery: 12% Used Memory: 40% User Name: AVanHaltma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 7:50:00 AM
 8/3/2017 6:37 Log Download - Used Battery: 13% Used Memory: 43% User Name: AVanHaltma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 7:35:00 AM
 8/10/2017 15:35 Log Download - Used Battery: 14% Used Memory: 46% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 4:35:00 PM
 8/17/2017 15:02 Log Download - Used Battery: 15% Used Memory: 48% User Name: AVanHaltma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 4:00:00 PM
 8/24/2017 14:20 Log Download - Used Battery: 15% Used Memory: 51% User Name: AVanHaltma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 3:20:00 PM
 9/1/2017 17:23 Log Download - Used Battery: 16% Used Memory: 53% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 6:15:00 PM
 9/7/2017 14:18 Log Download - Used Battery: 17% Used Memory: 56% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 3:10:00 PM
 9/14/2017 10:07 Log Download - Used Battery: 18% Used Memory: 57% User Name: AVanHaltma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 11:05:00 AM
 9/21/2017 13:24 Log Download - Used Battery: 18% Used Memory: 60% User Name: AVanHaltma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 2:20:00 PM
 9/28/2017 18:16 Log Download - Used Battery: 19% Used Memory: 64% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 7:15:00 PM
 10/5/2017 18:44 Log Download - Used Battery: 20% Used Memory: 65% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 7:40:00 PM
 10/12/2017 9:55 Log Download - Used Battery: 21% Used Memory: 68% User Name: AVanHaltma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 10:50:00 AM
 10/19/2017 8:09 Log Download - Used Battery: 21% Used Memory: 70% User Name: AVanHaltma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 9:05:00 AM
 10/26/2017 17:54 Log Download - Used Battery: 22% Used Memory: 73% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 5:50:00 PM
 11/2/2017 19:14 Log Download - Used Battery: 23% Used Memory: 75% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 8:05:00 PM
 11/9/2017 17:59 Log Download - Used Battery: 24% Used Memory: 78% User Name: AVanHaltma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 6:55:00 PM
 11/16/2017 17:35 Log Download - Used Battery: 24% Used Memory: 81% User Name: WMassoll Interval - Start Time: 11/8/2017 10:00:00 PM Stop Time: 11/16/2017 6:30:00 PM
 11/23/2017 14:20 Log Download - Used Battery: 25% Used Memory: 82% User Name: AVanHaltma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 3:20:00 PM
 12/1/2017 10:50 Log Download - Used Battery: 26% Used Memory: 85% User Name: AVanHaltma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 11:00:00 AM
 12/7/2017 18:13 Log Download - Used Battery: 27% Used Memory: 87% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 7:10:00 PM
 12/14/2017 17:17 Log Download - Used Battery: 27% Used Memory: 90% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 6:10:00 PM
 12/21/2017 7:06 Log Download - Used Battery: 28% Used Memory: 92% User Name: AVanHaltma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 8:05:00 AM
 1/4/2018 18:09 Log Download - Used Battery: 30% Used Memory: 98% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 7:00:00 PM
 1/11/2018 7:40 Log Download - Used Battery: 30% Used Memory: 100% User Name: AVanHaltma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 8:40:00 AM
 1/18/2018 14:10 Log Download - Used Battery: 31% Used Memory: 100% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 2:10:00 PM
 1/26/2018 17:54 Log Download - Used Battery: 32% Used Memory: 100% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 5:50:00 PM
 2/2/2018 15:00 Log Download - Used Battery: 33% Used Memory: 100% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/2/2018 3:00:00 PM
 2/8/2018 8:08 Log Download - Used Battery: 33% Used Memory: 100% User Name: AVanHaltma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 9:05:00 AM
 2/15/2018 7:46 Log Download - Used Battery: 34% Used Memory: 100% User Name: AVanHaltma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 8:45:00 AM
 2/22/2018 16:43 Log Download - Used Battery: 35% Used Memory: 100% User Name: WMassoll Interval - Start Time: 2/14/2018 10:00:00 PM Stop Time: 2/22/2018 4:40:00 PM
 3/1/2018 17:52 Log Download - Used Battery: 36% Used Memory: 100% User Name: WMassoll Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 3/1/2018 5:50:00 PM
 3/8/2018 9:16 Log Download - Used Battery: 36% Used Memory: 100% User Name: AVanHaltma Interval - Start Time: 2/21/2018 10:00:00 PM Stop Time: 3/8/2018 10:15:00 AM
 3/22/2018 12:22 Log Download - Used Battery: 38% Used Memory: 100% User Name: AVanHaltma Interval - Start Time: 3/7/2018 10:00:00 PM Stop Time: 3/22/2018 1:20:00 PM
 4/19/2018 16:16 Log Download - Used Battery: 41% Used Memory: 100% User Name: WMassoll Interval - Start Time: 3/20/2018 10:00:00 PM Stop Time: 4/19/2018 6:15:00 PM
 5/17/2018 7:55 Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaltma Interval - Start Time: 4/18/2018 10:00:00 PM Stop Time: 5/17/2018 8:50:00 AM
 6/14/2018 7:49 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaltma Interval - Start Time: 5/16/2018 10:00:00 PM Stop Time: 6/14/2018 9:45:00 AM
 7/12/2018 16:42 Log Download - Used Battery: 50% Used Memory: 100% User Name: AVanHaltma Interval - Start Time: 6/13/2018 10:00:00 PM Stop Time: 7/12/2018 5:40:00 PM
 8/9/2018 18:43 Log Download - Used Battery: 53% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/11/2018 10:00:00 PM Stop Time: 8/9/2018 7:40:00 PM
 9/7/2018 11:31 Log Download - Used Battery: 56% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/8/2018 10:00:00 PM Stop Time: 9/7/2018 12:30:00 PM
 10/5/2018 14:58 Log Download - Used Battery: 59% Used Memory: 100% User Name: WMassoll Interval - Start Time: 9/5/2018 10:00:00 PM Stop Time: 10/5/2018 3:55:00 PM
 10/8/2018 13:10 Log User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-10-05_15-48-09-951.wsl""

Log Data:
 Record Count: 8556
 Sensors: 2
 1 499043 PCTD 30 PSIA (10.9m/35.8ft)
 2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(A) 35.8ft | | Sensor: PCTD(A) 35.8ft | | Sensor: PCTD(A) 35.8ft | | Sensor: PCTD(A) 35.8ft | | Sensor: PCTD(A) 35.8ft | | Sensor: PCTD(A) 35.8ft | | Sensor: PCTD(A) 35.8ft | | Sensor: Baro-Adj Calc | |
|---------------|-------------------------|-----------------------------|-----------------|-------------------------|-----------------------------|-------------------------------|----------------|------------------------------|----------------------|------------------------|---------------------------|------------------------|--|------------------------|--|-----------------------|--|
| | | SNR: 499043 | | SNR: 499043 | | SNR: 499043 | | SNR: 499043 | | SNR: 499043 | | SNR: 499043 | | SNR: 499043 | | SNR: 000000 | |
| | | Corrected Pressure (PSI) | Temperature (C) | Corrected Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids (ppt) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) | | | | | | |
| 9/6/2018 0:00 | 7200 | 12.819 | 17.668 | 29.219 | 1985.157 | 2308.449 | 1.197 | 1.57 | 503.739 | 1 | 14.747 | | | | | | |
| 9/6/2018 0:05 | 7500 | 12.818 | 17.668 | 29.216 | 1985.234 | 2308.535 | 1.197 | 1.57 | 503.719 | 1 | 14.748 | | | | | | |
| 9/6/2018 0:10 | 7800 | 12.817 | 17.668 | 29.214 | 1985.466 | 2308.809 | 1.197 | 1.57 | 503.666 | 1 | 14.75 | | | | | | |
| 9/6/2018 0:15 | 8100 | 12.815 | 17.667 | 29.211 | 1985.677 | 2309.064 | 1.197 | 1.57 | 503.606 | 1 | 14.751 | | | | | | |
| 9/6/2018 0:20 | 8400 | 12.816 | 17.668 | 29.212 | 1985.344 | 2308.649 | 1.197 | 1.57 | 503.691 | 1 | 14.75 | | | | | | |
| 9/6/2018 0:25 | 8700 | 12.817 | 17.668 | 29.214 | 1986.079 | 2309.503 | 1.197 | 1.57 | 503.505 | 1 | 14.749 | | | | | | |
| 9/6/2018 0:30 | 9000 | 12.819 | 17.668 | 29.217 | 1986.233 | 2309.692 | 1.197 | 1.571 | 503.466 | 1 | 14.748 | | | | | | |
| 9/6/2018 0:35 | 9300 | 12.817 | 17.668 | 29.214 | 1985.61 | 2308.963 | 1.197 | 1.57 | 503.624 | 1 | 14.75 | | | | | | |
| 9/6/2018 0:40 | 9600 | 12.815 | 17.667 | 29.211 | 1985.821 | 2309.231 | 1.197 | 1.57 | 503.57 | 1 | 14.751 | | | | | | |
| 9/6/2018 0:45 | 9900 | 12.815 | 17.667 | 29.211 | 1986.259 | 2309.744 | 1.197 | 1.571 | 503.459 | 1 | 14.753 | | | | | | |
| 9/6/2018 0:50 | 10200 | 12.816 | 17.667 | 29.212 | 1986.242 | 2309.721 | 1.197 | 1.571 | 503.463 | 1 | 14.752 | | | | | | |
| 9/6/2018 0:55 | 10500 | 12.817 | 17.668 | 29.215 | 1986.113 | 2309.566 | 1.197 | 1.571 | 503.496 | 1 | 14.751 | | | | | | |
| 9/6/2018 1:00 | 10800 | 12.818 | 17.668 | 29.216 | 1986.032 | 2309.445 | 1.197 | 1.57 | 503.517 | 1 | 14.749 | | | | | | |
| 9/6/2018 1:05 | 11100 | 12.823 | 17.668 | 29.227 | 1986.041 | 2309.482 | 1.197 | 1.57 | 503.514 | 1 | 14.751 | | | | | | |
| 9/6/2018 1:10 | 11400 | 12.815 | 17.668 | 29.211 | 1986.712 | 2310.253 | 1.198 | 1.571 | 503.344 | 1 | 14.752 | | | | | | |
| 9/6/2018 1:15 | 11700 | 12.816 | 17.668 | 29.211 | 1986.418 | 2309.916 | 1.197 | 1.571 | 503.419 | 1 | 14.753 | | | | | | |
| 9/6/2018 1:20 | 12000 | 12.814 | 17.668 | 29.207 | 1986.561 | 2310.086 | 1.197 | 1.571 | 503.383 | 1 | 14.753 | | | | | | |
| 9/6/2018 1:25 | 12300 | 12.815 | 17.668 | 29.209 | 1986.389 | 2309.878 | 1.197 | 1.571 | 503.426 | 1 | 14.752 | | | | | | |
| 9/6/2018 1:30 | 12600 | 12.816 | 17.668 | 29.218 | 1986.24 | 2309.709 | 1.197 | 1.571 | 503.464 | 1 | 14.752 | | | | | | |
| 9/6/2018 1:35 | 12900 | 12.816 | 17.668 | 29.212 | 1986.721 | 2310.268 | 1.198 | 1.571 | 503.342 | 1 | 14.752 | | | | | | |
| 9/6/2018 1:40 | 13200 | 12.815 | 17.668 | 29.211 | 1987.088 | 2310.682 | 1.198 | 1.571 | 503.249 | 1 | 14.752 | | | | | | |
| 9/6/2018 1:45 | 13500 | 12.815 | 17.668 | 29.209 | 1986.964 | 2310.542 | 1.198 | 1.571 | 503.28 | 1 | 14.752 | | | | | | |
| 9/6/2018 1:50 | 13800 | 12.814 | 17.667 | 29.207 | 1986.915 | 2310.502 | 1.198 | 1.571 | 503.293 | 1 | 14.751 | | | | | | |
| 9/6/2018 1:55 | 14100 | 12.815 | 17.668 | 29.211 | 1986.645 | 2310.171 | 1.198 | 1.571 | 503.361 | 1 | 14.749 | | | | | | |
| 9/6/2018 2:00 | 14400 | 12.816 | 17.668 | 29.211 | 1987.145 | 2310.752 | 1.198 | 1.571 | 503.235 | 1 | 14.748 | | | | | | |
| 9/6/2018 2:05 | 14700 | 12.814 | 17.668 | 29.206 | 1987.016 | 2310.593 | 1.198 | 1.571 | 503.287 | 1 | 14.749 | | | | | | |
| 9/6/2018 2:10 | 15000 | 12.812 | 17.668 | 29.201 | 1986.962 | 2310.548 | 1.198 | 1.571 | 503.261 | 1 | 14.749 | | | | | | |
| 9/6/2018 2:15 | 15300 | 12.811 | 17.668 | 29.198 | 1987.033 | 2310.63 | 1.198 | 1.572 | 503.263 | 1 | 14.75 | | | | | | |
| 9/6/2018 2:20 | 15600 | 12.811 | 17.668 | 29.2 | 1987.019 | 2310.605 | 1.198 | 1.571 | 503.267 | 1 | 14.749 | | | | | | |
| 9/6/2018 2:25 | 15900 | 12.812 | 17.667 | 29.203 | 1987.538 | 2311.227 | 1.198 | 1.572 | 503.135 | 1 | 14.748 | | | | | | |
| 9/6/2018 2:30 | 16200 | 12.813 | 17.668 | 29.205 | 1986.998 | 2310.59 | 1.198 | 1.571 | 503.272 | 1 | 14.747 | | | | | | |
| 9/6/2018 2:35 | 16500 | 12.814 | 17.667 | 29.207 | 1987.547 | 2311.256 | 1.198 | 1.572 | 503.133 | 1 | 14.747 | | | | | | |
| 9/6/2018 2:40 | 16800 | 12.813 | 17.668 | 29.205 | 1987.299 | 2310.936 | 1.198 | 1.571 | 503.196 | 1 | 14.746 | | | | | | |
| 9/6/2018 2:45 | 17100 | 12.813 | 17.667 | 29.206 | 1987.162 | 2310.79 | 1.198 | 1.571 | 503.23 | 1 | 14.745 | | | | | | |
| 9/6/2018 2:50 | 17400 | 12.813 | 17.668 | 29.205 | 1987.223 | 2310.829 | 1.198 | 1.571 | 503.215 | 1 | 14.744 | | | | | | |
| 9/6/2018 2:55 | 17700 | 12.815 | 17.667 | 29.208 | 1987.81 | 2311.543 | 1.198 | 1.572 | 503.066 | 1 | 14.743 | | | | | | |
| 9/6/2018 3:00 | 18000 | 12.814 | 17.668 | 29.208 | 1987.718 | 2311.432 | 1.198 | 1.572 | 503.089 | 1 | 14.742 | | | | | | |
| 9/6/2018 3:05 | 18300 | 12.816 | 17.667 | 29.211 | 1987.065 | 2310.691 | 1.198 | 1.571 | 503.255 | 1 | 14.742 | | | | | | |
| 9/6/2018 3:10 | 18600 | 12.817 | 17.668 | 29.214 | 1987.702 | 2311.414 | 1.198 | 1.572 | 503.094 | 1 | 14.741 | | | | | | |
| 9/6/2018 3:15 | 18900 | 12.817 | 17.668 | 29.213 | 1987.5 | 2311.17 | 1.198 | 1.572 | 503.145 | 1 | 14.741 | | | | | | |
| 9/6/2018 3:20 | 19200 | 12.816 | 17.668 | 29.212 | 1987.539 | 2311.21 | 1.198 | 1.572 | 503.135 | 1 | 14.741 | | | | | | |
| 9/6/20 | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|----------------|-------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/6/2018 5:20 | 26400 | 12.816 | 17.668 | 29.212 | 1988.446 | 2312.274 | 1.199 | 1.572 | 502.905 | 1 | 14.745 |
| 9/6/2018 5:25 | 26700 | 12.813 | 17.668 | 29.205 | 1989.185 | 2313.106 | 1.199 | 1.573 | 502.719 | 1 | 14.746 |
| 9/6/2018 5:30 | 27000 | 12.813 | 17.668 | 29.204 | 1989.033 | 2312.953 | 1.199 | 1.573 | 502.757 | 1 | 14.747 |
| 9/6/2018 5:35 | 27300 | 12.811 | 17.667 | 29.199 | 1989.25 | 2313.227 | 1.199 | 1.573 | 502.702 | 1 | 14.749 |
| 9/6/2018 5:40 | 27600 | 12.812 | 17.668 | 29.203 | 1989.364 | 2313.337 | 1.199 | 1.573 | 502.673 | 1 | 14.751 |
| 9/6/2018 5:45 | 27900 | 12.812 | 17.667 | 29.203 | 1988.694 | 2312.58 | 1.199 | 1.573 | 502.843 | 1 | 14.753 |
| 9/6/2018 5:50 | 28200 | 12.811 | 17.667 | 29.2 | 1989.323 | 2313.315 | 1.199 | 1.573 | 502.684 | 1 | 14.755 |
| 9/6/2018 5:55 | 28500 | 12.81 | 17.668 | 29.198 | 1989.338 | 2313.316 | 1.199 | 1.573 | 502.68 | 1 | 14.756 |
| 9/6/2018 6:00 | 28800 | 12.81 | 17.668 | 29.197 | 1989.124 | 2313.062 | 1.199 | 1.573 | 502.734 | 1 | 14.757 |
| 9/6/2018 6:05 | 29100 | 12.811 | 17.667 | 29.2 | 1989.418 | 2313.068 | 1.199 | 1.573 | 502.735 | 1 | 14.755 |
| 9/6/2018 6:10 | 29400 | 12.812 | 17.667 | 29.203 | 1989.278 | 2313.277 | 1.199 | 1.573 | 502.695 | 1 | 14.753 |
| 9/6/2018 6:15 | 29700 | 12.816 | 17.668 | 29.211 | 1989.302 | 2313.256 | 1.199 | 1.573 | 502.689 | 1 | 14.751 |
| 9/6/2018 6:20 | 30000 | 12.815 | 17.668 | 29.209 | 1989.366 | 2313.331 | 1.199 | 1.573 | 502.673 | 1 | 14.752 |
| 9/6/2018 6:25 | 30300 | 12.815 | 17.667 | 29.21 | 1989.583 | 2313.605 | 1.199 | 1.573 | 502.618 | 1 | 14.752 |
| 9/6/2018 6:30 | 30600 | 12.816 | 17.667 | 29.212 | 1989.229 | 2313.193 | 1.199 | 1.573 | 502.707 | 1 | 14.753 |
| 9/6/2018 6:35 | 30900 | 12.816 | 17.667 | 29.211 | 1989.368 | 2313.374 | 1.199 | 1.573 | 502.672 | 1 | 14.754 |
| 9/6/2018 6:40 | 31200 | 12.816 | 17.668 | 29.211 | 1988.934 | 2312.832 | 1.199 | 1.573 | 502.782 | 1 | 14.755 |
| 9/6/2018 6:45 | 31500 | 12.814 | 17.668 | 29.207 | 1989.223 | 2313.183 | 1.199 | 1.573 | 502.709 | 1 | 14.756 |
| 9/6/2018 6:50 | 31800 | 12.814 | 17.667 | 29.207 | 1989.227 | 2313.191 | 1.199 | 1.573 | 502.708 | 1 | 14.757 |
| 9/6/2018 6:55 | 32100 | 12.812 | 17.667 | 29.203 | 1989.24 | 2313.211 | 1.199 | 1.573 | 502.704 | 1 | 14.758 |
| 9/6/2018 7:00 | 32400 | 12.814 | 17.667 | 29.208 | 1989.467 | 2313.47 | 1.199 | 1.573 | 502.647 | 1 | 14.759 |
| 9/6/2018 7:05 | 32700 | 12.811 | 17.668 | 29.199 | 1989.921 | 2313.985 | 1.2 | 1.574 | 502.532 | 1 | 14.761 |
| 9/6/2018 7:10 | 33000 | 12.81 | 17.668 | 29.197 | 1989.435 | 2313.419 | 1.199 | 1.573 | 502.655 | 1 | 14.762 |
| 9/6/2018 7:15 | 33300 | 12.808 | 17.668 | 29.194 | 1989.342 | 2313.293 | 1.199 | 1.573 | 502.679 | 1 | 14.764 |
| 9/6/2018 7:20 | 33600 | 12.812 | 17.668 | 29.202 | 1989.86 | 2313.909 | 1.2 | 1.573 | 502.548 | 1 | 14.764 |
| 9/6/2018 7:25 | 33900 | 12.812 | 17.668 | 29.203 | 1989.189 | 2313.134 | 1.199 | 1.573 | 502.717 | 1 | 14.764 |
| 9/6/2018 7:30 | 34200 | 12.811 | 17.667 | 29.2 | 1989.668 | 2313.717 | 1.199 | 1.573 | 502.596 | 1 | 14.764 |
| 9/6/2018 7:35 | 34500 | 12.812 | 17.668 | 29.202 | 1989.851 | 2313.898 | 1.2 | 1.573 | 502.55 | 1 | 14.766 |
| 9/6/2018 7:40 | 34800 | 12.81 | 17.667 | 29.199 | 1989.573 | 2313.593 | 1.199 | 1.573 | 502.621 | 1 | 14.767 |
| 9/6/2018 7:45 | 35100 | 12.808 | 17.667 | 29.194 | 1989.508 | 2313.518 | 1.199 | 1.573 | 502.637 | 1 | 14.768 |
| 9/6/2018 7:50 | 35400 | 12.81 | 17.667 | 29.198 | 1989.786 | 2313.845 | 1.2 | 1.573 | 502.567 | 1 | 14.767 |
| 9/6/2018 7:55 | 35700 | 12.811 | 17.668 | 29.199 | 1989.108 | 2313.043 | 1.199 | 1.573 | 502.738 | 1 | 14.766 |
| 9/6/2018 8:00 | 36000 | 12.812 | 17.668 | 29.202 | 1989.862 | 2313.921 | 1.2 | 1.573 | 502.547 | 1 | 14.764 |
| 9/6/2018 8:05 | 36300 | 12.813 | 17.668 | 29.204 | 1989.832 | 2313.876 | 1.2 | 1.573 | 502.555 | 1 | 14.765 |
| 9/6/2018 8:10 | 36600 | 12.811 | 17.668 | 29.2 | 1989.221 | 2313.171 | 1.199 | 1.573 | 502.709 | 1 | 14.766 |
| 9/6/2018 8:15 | 36900 | 12.811 | 17.668 | 29.2 | 1989.767 | 2313.814 | 1.2 | 1.573 | 502.572 | 1 | 14.767 |
| 9/6/2018 8:20 | 37200 | 12.813 | 17.667 | 29.206 | 1989.473 | 2313.478 | 1.199 | 1.573 | 502.646 | 1 | 14.766 |
| 9/6/2018 8:25 | 37500 | 12.813 | 17.668 | 29.205 | 1989.448 | 2313.439 | 1.199 | 1.573 | 502.652 | 1 | 14.765 |
| 9/6/2018 8:30 | 37800 | 12.813 | 17.667 | 29.204 | 1989.752 | 2313.806 | 1.2 | 1.574 | 502.575 | 1 | 14.764 |
| 9/6/2018 8:35 | 38100 | 12.812 | 17.667 | 29.202 | 1988.96 | 2312.881 | 1.199 | 1.573 | 502.775 | 1 | 14.765 |
| 9/6/2018 8:40 | 38400 | 12.811 | 17.667 | 29.2 | 1989.217 | 2313.189 | 1.199 | 1.573 | 502.71 | 1 | 14.766 |
| 9/6/2018 8:45 | 38700 | 12.811 | 17.667 | 29.201 | 1989.338 | 2313.342 | 1.199 | 1.573 | 502.68 | 1 | 14.766 |
| 9/6/2018 8:50 | 39000 | 12.81 | 17.667 | 29.198 | 1989.273 | 2313.254 | 1.199 | 1.573 | 502.696 | 1 | 14.765 |
| 9/6/2018 8:55 | 39300 | 12.813 | 17.667 | 29.204 | 1989.495 | 2313.512 | 1.199 | 1.573 | 502.64 | 1 | 14.764 |
| 9/6/2018 9:00 | 39600 | 12.815 | 17.668 | 29.21 | 1989.161 | 2313.101 | 1.199 | 1.573 | 502.725 | 1 | 14.763 |
| 9/6/2018 9:05 | 39900 | 12.811 | 17.668 | 29.201 | 1988.899 | 2312.797 | 1.199 | 1.573 | 502.791 | 1 | 14.767 |
| 9/6/2018 9:10 | 40200 | 12.807 | 17.668 | 29.19 | 1989.579 | 2313.587 | 1.199 | 1.573 | 502.619 | 1 | 14.772 |
| 9/6/2018 9:15 | 40500 | 12.801 | 17.668 | 29.176 | 1989.387 | 2313.373 | 1.199 | 1.573 | 502.667 | 1 | 14.776 |
| 9/6/2018 9:20 | 40800 | 12.804 | 17.667 | 29.183 | 1989.376 | 2313.369 | 1.199 | 1.573 | 502.67 | 1 | 14.774 |
| 9/6/2018 9:25 | 41100 | 12.806 | 17.667 | 29.188 | 1989.09 | 2313.036 | 1.199 | 1.573 | 502.742 | 1 | 14.772 |
| 9/6/2018 9:30 | 41400 | 12.808 | 17.668 | 29.193 | 1988.929 | 2312.832 | 1.199 | 1.573 | 502.783 | 1 | 14.769 |
| 9/6/2018 9:35 | 41700 | 12.81 | 17.667 | 29.199 | 1989.303 | 2313.289 | 1.199 | 1.573 | 502.689 | 1 | 14.768 |
| 9/6/2018 9:40 | 42000 | 12.812 | 17.668 | 29.202 | 1988.531 | 2312.377 | 1.199 | 1.572 | 502.884 | 1 | 14.767 |
| 9/6/2018 9:45 | 42300 | 12.813 | 17.667 | 29.205 | 1988.895 | 2312.809 | 1.199 | 1.573 | 502.792 | 1 | 14.765 |
| 9/6/2018 9:50 | 42600 | 12.81 | 17.668 | 29.198 | 1988.712 | 2312.583 | 1.199 | 1.573 | 502.838 | 1 | 14.767 |
| 9/6/2018 9:55 | 42900 | 12.809 | 17.668 | 29.196 | 1989.021 | 2312.939 | 1.199 | 1.573 | 502.76 | 1 | 14.768 |
| 9/6/2018 10:00 | 43200 | 12.807 | 17.668 | 29.192 | 1988.628 | 2312.486 | 1.199 | 1.572 | 502.859 | 1 | 14.77 |
| 9/6/2018 10:05 | 43500 | 12.811 | 17.667 | 29.193 | 1988.026 | 2312.493 | 1.199 | 1.573 | 502.865 | 1 | 14.771 |
| 9/6/2018 10:10 | 43800 | 12.807 | 17.667 | 29.192 | 1988.917 | 2312.84 | 1.199 | 1.573 | 502.786 | 1 | 14.771 |
| 9/6/2018 10:15 | 44100 | 12.807 | 17.668 | 29.191 | 1988.321 | 2312.115 | 1.199 | 1.572 | 502.937 | 1 | 14.771 |
| 9/6/2018 10:20 | 44400 | 12.809 | 17.668 | 29.196 | 1988.335 | 2312.15 | 1.199 | 1.572 | 502.933 | 1 | 14.769 |
| 9/6/2018 10:25 | 44700 | 12.81 | 17.667 | 29.199 | 1988.765 | 2312.658 | 1.199 | 1.573 | 502.825 | 1 | 14.766 |
| 9/6/2018 10:30 | 45000 | 12.81 | 17.667 | 29.198 | 1988.717 | 2312.598 | 1.199 | 1.573 | 502.837 | 1 | 14.763 |
| 9/6/2018 10:35 | 45300 | 12.81 | 17.667 | 29.198 | 1988.271 | 2312.079 | 1.199 | 1.572 | 502.95 | 1 | 14.764 |
| 9/6/2018 10:40 | 45600 | 12.814 | 17.668 | 29.208 | 1988.552 | 2312.394 | 1.199 | 1.572 | 502.878 | 1 | 14.764 |
| 9/6/2018 10:45 | 45900 | 12.815 | 17.668 | 29.21 | 1988.744 | 2312.62 | 1.199 | 1.573 | 502.83 | 1 | 14.765 |
| 9/6/2018 10:50 | 46200 | 12.811 | 17.668 | 29.201 | 1988.899 | 2312.792 | 1.199 | 1.573 | 502.791 | 1 | 14.768 |
| 9/6/2018 10:55 | 46500 | 12.812 | 17.668 | 29.203 | 1988.23 | 2312.028 | 1.199 | 1.572 | 502.96 | 1 | 14.771 |
| 9/6/2018 11:00 | 46800 | 12.809 | 17.667 | 29.197 | 1988.245 | 2312.049 | 1.199 | 1.572 | 502.956 | 1 | 14.774 |
| 9/6/2018 11:05 | 47100 | 12.809 | 17.667 | 29.195 | 1988.345 | 2312.166 | 1.199 | 1.572 | 502.931 | 1 | 14.775 |
| 9/6/2018 11:10 | 47400 | 12.805 | 17.667 | 29.187 | 1988.259 | 2312.065 | 1.199 | 1.572 | 502.953 | 1 | 14.775 |
| 9/6/2018 11:15 | 47700 | 12.805 | 17.668 | 29.186 | 1988.29 | 2312.092 | 1.199 | 1.572 | 502.945 | 1 | 14.776 |
| 9/6/2018 11:20 | 48000 | 12.806 | 17.667 | 29.188 | 1988.422 | 2312.26 | 1.199 | 1.572 | 502.911 | 1 | 14.774 |
| 9/6/2018 11:25 | 48300 | 12.805 | 17.668 | 29.187 | 1988.759 | 2312.625 | 1.199 | 1.573 | 502.826 | 1 | 14.772 |
| 9/6/2018 11:30 | 48600 | 12.806 | 17.668 | 29.188 | 1988.216 | 2312.006 | 1.199 | 1.572 | 502.964 | 1 | 14.77 |
| 9/6/2018 11:35 | 48900 | 12.806 | 17.668 | 29.189 | 1989.027 | 2312.954 | 1.199 | 1.573 | 502.758 | 1 | 14.769 |
| 9/6/2018 11:40 | 49200 | 12.808 | 17.667 | 29.194 | 1988.434 | 2312.773 | 1.199 | 1.572 | 502.908 | 1 | 14.769 |
| 9/6/2018 11:45 | 49500 | 12.811 | 17.668 | 29.2 | 1988.302 | 2312.094 | 1.199 | 1.572 | 502.942 | 1 | 14.768 |
| 9/6/2018 11:50 | 49800 | 12.81 | 17.667 | 29.199 | 1988.668 | 2312.542 | 1.199 | 1.573 | 502.849 | 1 | 14.768 |
| 9/6/2018 11:55 | 50100 | 12.81 | 17.668 | 29.199 | 1988.477 | 2312.315 | 1.199 | 1.572 | 502.897 | 1 | 14.769 |
| 9/6/2018 12:00 | 50400 | 12.808 | 17.668 | 29.193 | 1988.585 | 2312.435 | 1.199 | 1.572 | 502.87 | 1 | 14.769 |
| 9/6/2018 12:05 | 50700 | 12.809 | 17.668 | 29.197 | 1988.455 | 2312.289 | 1.199 | 1.572 | 502.903 | 1 | 14.767 |
| 9/6/2018 12:10 | 51000 | 12.81 | 17.667 | 29.197 | 1989.04 | 2312.987 | 1.199 | 1.573 | 502.755 | 1 | 14.764 |
| 9/6/2018 12:15 | 51300 | 12.812 | 17.668 | 29.204 | 1988.669 | 2312.507 | 1.199 | 1.573 | 502.849 | 1 | 14.761 |
| 9/6/2018 12:20 | 51600 | 12.811 | 17.667 | 29.199 | 1988.448 | 2312.284 | 1.199 | 1.572 | 502.906 | 1 | 14.763 |
| 9/6/2018 12:25 | 51900 | 12.811 | 17.668 | 29.198 | 1988.745 | 2312.621 | 1.199 | 1.573 | 502.83 | 1 | 14.765 |
| 9/6/2018 12:30 | 52200 | 12.809 | 17.668 | 29.195 | 1988.992 | 2312.914 | 1.199 | 1.573 | 502.767 | 1 | 14.767 |
| 9/6/2018 12:35 | 52500 | 12.807 | 17.668 | 29.191 | 1988.845 | 2312.743 | 1.199 | 1.573 | 502.804 | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/10/2018 7:50 | 381000 | 12.881 | 17.666 | 29.36 | 2099.371 | 2441.344 | 1.269 | 1.66 | 476.333 | 1 | 14.694 |
| 9/10/2018 7:55 | 381300 | 12.881 | 17.666 | 29.36 | 2097.718 | 2439.417 | 1.268 | 1.659 | 476.709 | 1 | 14.695 |
| 9/10/2018 8:00 | 381600 | 12.879 | 17.666 | 29.356 | 2096.313 | 2437.807 | 1.267 | 1.658 | 477.028 | 1 | 14.696 |
| 9/10/2018 8:05 | 381900 | 12.877 | 17.666 | 29.35 | 2095.176 | 2436.484 | 1.267 | 1.657 | 477.287 | 1 | 14.698 |
| 9/10/2018 8:10 | 382200 | 12.876 | 17.666 | 29.347 | 2093.669 | 2434.723 | 1.266 | 1.656 | 477.63 | 1 | 14.699 |
| 9/10/2018 8:15 | 382500 | 12.875 | 17.666 | 29.346 | 2092.286 | 2433.101 | 1.265 | 1.655 | 477.946 | 1 | 14.701 |
| 9/10/2018 8:20 | 382800 | 12.874 | 17.666 | 29.345 | 2090.454 | 2430.993 | 1.264 | 1.653 | 478.365 | 1 | 14.7 |
| 9/10/2018 8:25 | 383100 | 12.876 | 17.667 | 29.349 | 2089.302 | 2429.617 | 1.263 | 1.652 | 478.629 | 1 | 14.699 |
| 9/10/2018 8:30 | 383400 | 12.878 | 17.666 | 29.354 | 2088.062 | 2428.212 | 1.262 | 1.651 | 478.913 | 1 | 14.698 |
| 9/10/2018 8:35 | 383700 | 12.876 | 17.666 | 29.349 | 2086.978 | 2426.826 | 1.261 | 1.65 | 479.185 | 1 | 14.698 |
| 9/10/2018 8:40 | 384000 | 12.878 | 17.666 | 29.353 | 2086.124 | 2425.944 | 1.261 | 1.65 | 479.358 | 1 | 14.697 |
| 9/10/2018 8:45 | 384300 | 12.877 | 17.666 | 29.352 | 2084.918 | 2424.551 | 1.26 | 1.649 | 479.635 | 1 | 14.697 |
| 9/10/2018 8:50 | 384600 | 12.878 | 17.666 | 29.353 | 2083.713 | 2423.131 | 1.259 | 1.648 | 479.913 | 1 | 14.696 |
| 9/10/2018 8:55 | 384900 | 12.879 | 17.666 | 29.354 | 2082.62 | 2421.874 | 1.259 | 1.647 | 480.164 | 1 | 14.696 |
| 9/10/2018 9:00 | 385200 | 12.879 | 17.666 | 29.355 | 2082.364 | 2421.562 | 1.258 | 1.647 | 480.224 | 1 | 14.695 |
| 9/10/2018 9:05 | 385500 | 12.878 | 17.666 | 29.354 | 2081.368 | 2420.409 | 1.258 | 1.646 | 480.453 | 1 | 14.696 |
| 9/10/2018 9:10 | 385800 | 12.878 | 17.666 | 29.353 | 2080.483 | 2419.398 | 1.257 | 1.645 | 480.658 | 1 | 14.696 |
| 9/10/2018 9:15 | 386100 | 12.876 | 17.666 | 29.348 | 2079.549 | 2418.307 | 1.257 | 1.644 | 480.874 | 1 | 14.697 |
| 9/10/2018 9:20 | 386400 | 12.878 | 17.666 | 29.353 | 2078.548 | 2417.153 | 1.256 | 1.644 | 481.105 | 1 | 14.696 |
| 9/10/2018 9:25 | 386700 | 12.88 | 17.666 | 29.357 | 2077.508 | 2415.935 | 1.255 | 1.643 | 481.346 | 1 | 14.695 |
| 9/10/2018 9:30 | 387000 | 12.879 | 17.666 | 29.355 | 2077.389 | 2415.801 | 1.255 | 1.643 | 481.373 | 1 | 14.695 |
| 9/10/2018 9:35 | 387300 | 12.879 | 17.666 | 29.356 | 2076.259 | 2414.481 | 1.255 | 1.642 | 481.635 | 1 | 14.695 |
| 9/10/2018 9:40 | 387600 | 12.878 | 17.666 | 29.354 | 2075.26 | 2413.316 | 1.254 | 1.641 | 481.867 | 1 | 14.695 |
| 9/10/2018 9:45 | 387900 | 12.877 | 17.666 | 29.35 | 2074.688 | 2412.636 | 1.254 | 1.641 | 482 | 1 | 14.695 |
| 9/10/2018 9:50 | 388200 | 12.878 | 17.666 | 29.354 | 2074.157 | 2412.018 | 1.253 | 1.64 | 482.124 | 1 | 14.697 |
| 9/10/2018 9:55 | 388500 | 12.875 | 17.666 | 29.346 | 2072.833 | 2410.502 | 1.252 | 1.639 | 482.431 | 1 | 14.699 |
| 9/10/2018 10:00 | 388800 | 12.873 | 17.666 | 29.341 | 2072.611 | 2410.23 | 1.252 | 1.639 | 482.483 | 1 | 14.7 |
| 9/10/2018 10:05 | 389100 | 12.871 | 17.666 | 29.337 | 2071.808 | 2409.283 | 1.252 | 1.638 | 482.67 | 1 | 14.7 |
| 9/10/2018 10:10 | 389400 | 12.872 | 17.666 | 29.339 | 2070.501 | 2407.777 | 1.251 | 1.637 | 482.975 | 1 | 14.7 |
| 9/10/2018 10:15 | 389700 | 12.872 | 17.666 | 29.338 | 2069.913 | 2407.106 | 1.25 | 1.637 | 483.112 | 1 | 14.7 |
| 9/10/2018 10:20 | 390000 | 12.871 | 17.666 | 29.337 | 2068.942 | 2405.572 | 1.25 | 1.636 | 483.339 | 1 | 14.7 |
| 9/10/2018 10:25 | 390300 | 12.871 | 17.666 | 29.337 | 2068.284 | 2405.194 | 1.249 | 1.636 | 483.493 | 1 | 14.701 |
| 9/10/2018 10:30 | 390600 | 12.87 | 17.666 | 29.335 | 2067.307 | 2404.066 | 1.249 | 1.635 | 483.721 | 1 | 14.702 |
| 9/10/2018 10:35 | 390900 | 12.869 | 17.666 | 29.332 | 2065.814 | 2402.331 | 1.248 | 1.634 | 484.071 | 1 | 14.701 |
| 9/10/2018 10:40 | 391200 | 12.869 | 17.666 | 29.332 | 2065.506 | 2401.967 | 1.248 | 1.633 | 484.143 | 1 | 14.701 |
| 9/10/2018 10:45 | 391500 | 12.869 | 17.666 | 29.331 | 2063.629 | 2399.78 | 1.246 | 1.632 | 484.583 | 1 | 14.701 |
| 9/10/2018 10:50 | 391800 | 12.868 | 17.666 | 29.331 | 2062.636 | 2398.617 | 1.246 | 1.631 | 484.816 | 1 | 14.702 |
| 9/10/2018 10:55 | 392100 | 12.868 | 17.666 | 29.33 | 2061.278 | 2397.051 | 1.245 | 1.63 | 485.136 | 1 | 14.703 |
| 9/10/2018 11:00 | 392400 | 12.865 | 17.666 | 29.323 | 2060.495 | 2395.159 | 1.244 | 1.629 | 485.32 | 1 | 14.704 |
| 9/10/2018 11:05 | 392700 | 12.869 | 17.666 | 29.333 | 2058.762 | 2394.125 | 1.243 | 1.628 | 485.729 | 1 | 14.701 |
| 9/10/2018 11:10 | 393000 | 12.872 | 17.666 | 29.34 | 2058.044 | 2393.29 | 1.243 | 1.627 | 485.898 | 1 | 14.698 |
| 9/10/2018 11:15 | 393300 | 12.874 | 17.666 | 29.344 | 2055.94 | 2390.834 | 1.242 | 1.626 | 486.396 | 1 | 14.695 |
| 9/10/2018 11:20 | 393600 | 12.872 | 17.666 | 29.338 | 2054.825 | 2389.542 | 1.241 | 1.625 | 486.659 | 1 | 14.696 |
| 9/10/2018 11:25 | 393900 | 12.87 | 17.666 | 29.334 | 2053.661 | 2388.184 | 1.24 | 1.624 | 486.935 | 1 | 14.697 |
| 9/10/2018 11:30 | 394200 | 12.869 | 17.666 | 29.332 | 2051.808 | 2386.033 | 1.239 | 1.623 | 487.375 | 1 | 14.698 |
| 9/10/2018 11:35 | 394500 | 12.867 | 17.666 | 29.328 | 2050.147 | 2384.088 | 1.238 | 1.621 | 487.77 | 1 | 14.699 |
| 9/10/2018 11:40 | 394800 | 12.867 | 17.666 | 29.329 | 2048.989 | 2382.751 | 1.237 | 1.62 | 488.046 | 1 | 14.7 |
| 9/10/2018 11:45 | 395100 | 12.865 | 17.666 | 29.326 | 2047.605 | 2381.155 | 1.236 | 1.619 | 488.376 | 1 | 14.701 |
| 9/10/2018 11:50 | 395400 | 12.865 | 17.666 | 29.322 | 2045.76 | 2378.996 | 1.235 | 1.618 | 488.816 | 1 | 14.701 |
| 9/10/2018 11:55 | 395700 | 12.863 | 17.666 | 29.319 | 2044.574 | 2377.63 | 1.234 | 1.617 | 489.1 | 1 | 14.701 |
| 9/10/2018 12:00 | 396000 | 12.862 | 17.666 | 29.316 | 2042.518 | 2375.249 | 1.233 | 1.615 | 489.592 | 1 | 14.702 |
| 9/10/2018 12:05 | 396300 | 12.863 | 17.666 | 29.319 | 2041.45 | 2373.993 | 1.232 | 1.614 | 489.848 | 1 | 14.7 |
| 9/10/2018 12:10 | 396600 | 12.865 | 17.666 | 29.323 | 2039.962 | 2372.253 | 1.231 | 1.613 | 490.205 | 1 | 14.698 |
| 9/10/2018 12:15 | 396900 | 12.867 | 17.666 | 29.327 | 2038.204 | 2370.205 | 1.23 | 1.612 | 490.628 | 1 | 14.696 |
| 9/10/2018 12:20 | 397200 | 12.867 | 17.667 | 29.327 | 2036.45 | 2368.156 | 1.229 | 1.611 | 491.051 | 1 | 14.694 |
| 9/10/2018 12:25 | 397500 | 12.867 | 17.666 | 29.329 | 2034.26 | 2365.618 | 1.228 | 1.609 | 491.579 | 1 | 14.693 |
| 9/10/2018 12:30 | 397800 | 12.868 | 17.666 | 29.329 | 2033.722 | 2364.997 | 1.227 | 1.608 | 491.709 | 1 | 14.692 |
| 9/10/2018 12:35 | 398100 | 12.869 | 17.666 | 29.332 | 2031.798 | 2362.75 | 1.226 | 1.606 | 492.175 | 1 | 14.69 |
| 9/10/2018 12:40 | 398400 | 12.87 | 17.666 | 29.335 | 2031.018 | 2361.857 | 1.226 | 1.606 | 492.364 | 1 | 14.689 |
| 9/10/2018 12:45 | 398700 | 12.871 | 17.666 | 29.336 | 2029.353 | 2359.917 | 1.225 | 1.605 | 492.768 | 1 | 14.688 |
| 9/10/2018 12:50 | 399000 | 12.868 | 17.667 | 29.331 | 2028.922 | 2359.401 | 1.224 | 1.604 | 492.873 | 1 | 14.689 |
| 9/10/2018 12:55 | 399300 | 12.866 | 17.667 | 29.326 | 2027.245 | 2357.451 | 1.223 | 1.603 | 493.28 | 1 | 14.691 |
| 9/10/2018 13:00 | 399600 | 12.864 | 17.667 | 29.322 | 2026.5 | 2356.585 | 1.223 | 1.602 | 493.462 | 1 | 14.692 |
| 9/10/2018 13:05 | 399900 | 12.862 | 17.666 | 29.316 | 2024.854 | 2354.694 | 1.222 | 1.601 | 493.863 | 1 | 14.692 |
| 9/10/2018 13:10 | 400200 | 12.862 | 17.666 | 29.317 | 2023.53 | 2353.154 | 1.221 | 1.6 | 494.186 | 1 | 14.693 |
| 9/10/2018 13:15 | 400500 | 12.861 | 17.666 | 29.315 | 2022.26 | 2351.659 | 1.22 | 1.599 | 494.496 | 1 | 14.693 |
| 9/10/2018 13:20 | 400800 | 12.861 | 17.666 | 29.315 | 2021.052 | 2350.263 | 1.219 | 1.598 | 494.792 | 1 | 14.692 |
| 9/10/2018 13:25 | 401100 | 12.862 | 17.666 | 29.317 | 2020.108 | 2349.157 | 1.219 | 1.597 | 495.023 | 1 | 14.691 |
| 9/10/2018 13:30 | 401400 | 12.863 | 17.666 | 29.319 | 2019.166 | 2348.061 | 1.218 | 1.597 | 495.254 | 1 | 14.689 |
| 9/10/2018 13:35 | 401700 | 12.864 | 17.667 | 29.32 | 2017.852 | 2346.523 | 1.217 | 1.596 | 495.577 | 1 | 14.689 |
| 9/10/2018 13:40 | 402000 | 12.862 | 17.666 | 29.318 | 2016.329 | 2344.767 | 1.216 | 1.594 | 495.951 | 1 | 14.688 |
| 9/10/2018 13:45 | 402300 | 12.863 | 17.666 | 29.318 | 2016.154 | 2344.567 | 1.216 | 1.594 | 496.444 | 1 | 14.688 |
| 9/10/2018 13:50 | 402600 | 12.864 | 17.666 | 29.32 | 2014.323 | 2342.456 | 1.215 | 1.593 | 496.955 | 1 | 14.687 |
| 9/10/2018 13:55 | 402900 | 12.865 | 17.666 | 29.323 | 2013.956 | 2342.006 | 1.215 | 1.593 | 496.535 | 1 | 14.686 |
| 9/10/2018 14:00 | 403200 | 12.864 | 17.667 | 29.321 | 2013.413 | 2341.361 | 1.215 | 1.592 | 496.669 | 1 | 14.685 |
| 9/10/2018 14:05 | 403500 | 12.863 | 17.666 | 29.318 | 2012.197 | 2339.591 | 1.214 | 1.591 | 496.969 | 1 | 14.686 |
| 9/10/2018 14:10 | 403800 | 12.862 | 17.666 | 29.317 | 2011.365 | 2338.904 | 1.213 | 1.59 | 497.173 | 1 | 14.687 |
| 9/10/2018 14:15 | 404100 | 12.86 | 17.666 | 29.312 | 2010.258 | 2337.702 | 1.213 | 1.59 | 497.449 | 1 | 14.688 |
| 9/10/2018 14:20 | 404400 | 12.861 | 17.667 | 29.314 | 2009.434 | 2336.734 | 1.212 | 1.589 | 497.653 | 1 | 14.687 |
| 9/10/2018 14:25 | 404700 | 12.861 | 17.666 | 29.314 | 2008.888 | 2336.126 | 1.212 | 1.589 | 497.788 | 1 | 14.686 |
| 9/10/2018 14:30 | 405000 | 12.861 | 17.666 | 29.315 | 2007.832 | 2334.889 | 1.211 | 1.588 | 498.05 | 1 | 14.685 |
| 9/10/2018 14:35 | 405300 | 12.86 | 17.666 | 29.311 | 2007.095 | 2334.024 | 1.211 | 1.587 | 498.232 | 1 | 14.686 |
| 9/10/2018 14:40 | 405600 | 12.858 | 17.666 | 29.306 | 2006.371 | 2333.205 | 1.21 | 1.587 | 498.412 | 1 | 14.687 |
| 9/10/2018 14:45 | 405900 | 12.855 | 17.667 | 29.3 | 2005.553 | 2332.226 | 1.21 | 1.586 | 498.616 | 1 | 14.688 |
| 9/10/2018 14:50 | 406200 | 12.857 | 17.667 | 29.305 | 2005.243 | 2331.977 | 1.209 | 1.586 | 498.668 | 1 | 14.685 |
| 9/10/2018 14:55 | 406500 | 12.857 | 17.666 | 29.312 | 2003.632 | 2329.993 | 1.208 | 1.585 | 499.094 | 1 | 14.682 |
| 9/10/2018 15:00 | 406800 | 12.863 | 17.666 | 29.32 | 2001.989 | 2328.066 | 1.207 | 1.583 | 499.503 | 1 | 14.679 |
| 9/10/2018 15:05 | | | | | | | | | | | |

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|----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/11/2018 0:15 | 440100 | 12.84 | 17.666 | 29.267 | 1989.775 | 2313.883 | 1.2 | 1.573 | 502.569 | 1 | 14.671 |
| 9/11/2018 0:20 | 440400 | 12.838 | 17.666 | 29.262 | 1990.201 | 2314.383 | 1.2 | 1.574 | 502.462 | 1 | 14.673 |
| 9/11/2018 0:25 | 440700 | 12.836 | 17.667 | 29.256 | 1990.225 | 2314.393 | 1.2 | 1.574 | 502.456 | 1 | 14.675 |
| 9/11/2018 0:30 | 441000 | 12.833 | 17.666 | 29.25 | 1990.032 | 2314.204 | 1.2 | 1.574 | 502.504 | 1 | 14.677 |
| 9/11/2018 0:35 | 441300 | 12.834 | 17.667 | 29.252 | 1990.324 | 2314.516 | 1.2 | 1.574 | 502.431 | 1 | 14.677 |
| 9/11/2018 0:40 | 441600 | 12.834 | 17.667 | 29.253 | 1989.751 | 2313.85 | 1.2 | 1.573 | 502.576 | 1 | 14.676 |
| 9/11/2018 0:45 | 441900 | 12.834 | 17.667 | 29.253 | 1989.524 | 2313.573 | 1.199 | 1.573 | 502.633 | 1 | 14.676 |
| 9/11/2018 0:50 | 442200 | 12.838 | 17.667 | 29.262 | 1990.08 | 2314.232 | 1.2 | 1.574 | 502.492 | 1 | 14.673 |
| 9/11/2018 0:55 | 442500 | 12.84 | 17.666 | 29.267 | 1990.246 | 2314.43 | 1.2 | 1.574 | 502.45 | 1 | 14.67 |
| 9/11/2018 1:00 | 442800 | 12.843 | 17.667 | 29.273 | 1990.59 | 2314.666 | 1.2 | 1.574 | 502.462 | 1 | 14.677 |
| 9/11/2018 1:05 | 443100 | 12.842 | 17.666 | 29.272 | 1989.587 | 2313.677 | 1.199 | 1.573 | 502.617 | 1 | 14.668 |
| 9/11/2018 1:10 | 443400 | 12.842 | 17.666 | 29.27 | 1989.558 | 2313.63 | 1.199 | 1.573 | 502.624 | 1 | 14.669 |
| 9/11/2018 1:15 | 443700 | 12.84 | 17.667 | 29.266 | 1990.313 | 2314.498 | 1.2 | 1.574 | 502.434 | 1 | 14.67 |
| 9/11/2018 1:20 | 444000 | 12.838 | 17.667 | 29.261 | 1990.042 | 2314.184 | 1.2 | 1.574 | 502.502 | 1 | 14.671 |
| 9/11/2018 1:25 | 444300 | 12.837 | 17.667 | 29.261 | 1990.362 | 2314.551 | 1.2 | 1.574 | 502.421 | 1 | 14.672 |
| 9/11/2018 1:30 | 444600 | 12.836 | 17.666 | 29.257 | 1989.891 | 2314.044 | 1.2 | 1.574 | 502.54 | 1 | 14.673 |
| 9/11/2018 1:35 | 444900 | 12.833 | 17.666 | 29.249 | 1989.875 | 2313.998 | 1.2 | 1.574 | 502.544 | 1 | 14.674 |
| 9/11/2018 1:40 | 445200 | 12.832 | 17.666 | 29.247 | 1990.29 | 2314.482 | 1.2 | 1.574 | 502.439 | 1 | 14.675 |
| 9/11/2018 1:45 | 445500 | 12.83 | 17.666 | 29.245 | 1990.051 | 2314.212 | 1.2 | 1.574 | 502.5 | 1 | 14.676 |
| 9/11/2018 1:50 | 445800 | 12.833 | 17.666 | 29.25 | 1990.056 | 2314.209 | 1.2 | 1.574 | 502.498 | 1 | 14.675 |
| 9/11/2018 1:55 | 446100 | 12.833 | 17.666 | 29.251 | 1989.955 | 2314.092 | 1.2 | 1.574 | 502.524 | 1 | 14.674 |
| 9/11/2018 2:00 | 446400 | 12.833 | 17.666 | 29.25 | 1990.181 | 2314.369 | 1.2 | 1.574 | 502.467 | 1 | 14.673 |
| 9/11/2018 2:05 | 446700 | 12.833 | 17.666 | 29.251 | 1990.067 | 2314.231 | 1.2 | 1.574 | 502.496 | 1 | 14.672 |
| 9/11/2018 2:10 | 447000 | 12.834 | 17.667 | 29.252 | 1990.061 | 2314.202 | 1.2 | 1.574 | 502.497 | 1 | 14.671 |
| 9/11/2018 2:15 | 447300 | 12.836 | 17.666 | 29.258 | 1989.871 | 2314.008 | 1.2 | 1.574 | 502.545 | 1 | 14.67 |
| 9/11/2018 2:20 | 447600 | 12.836 | 17.667 | 29.257 | 1990.291 | 2314.478 | 1.2 | 1.574 | 502.439 | 1 | 14.668 |
| 9/11/2018 2:25 | 447900 | 12.838 | 17.667 | 29.262 | 1990.525 | 2314.732 | 1.2 | 1.574 | 502.38 | 1 | 14.666 |
| 9/11/2018 2:30 | 448200 | 12.841 | 17.667 | 29.269 | 1990.267 | 2314.445 | 1.2 | 1.574 | 502.445 | 1 | 14.665 |
| 9/11/2018 2:35 | 448500 | 12.839 | 17.667 | 29.264 | 1990.096 | 2314.251 | 1.2 | 1.574 | 502.488 | 1 | 14.666 |
| 9/11/2018 2:40 | 448800 | 12.839 | 17.667 | 29.265 | 1990.565 | 2314.792 | 1.2 | 1.574 | 502.37 | 1 | 14.664 |
| 9/11/2018 2:45 | 449100 | 12.84 | 17.666 | 29.266 | 1990.154 | 2314.323 | 1.2 | 1.574 | 502.474 | 1 | 14.664 |
| 9/11/2018 2:50 | 449400 | 12.836 | 17.666 | 29.258 | 1990.018 | 2314.179 | 1.2 | 1.574 | 502.508 | 1 | 14.666 |
| 9/11/2018 2:55 | 449700 | 12.835 | 17.667 | 29.255 | 1990.162 | 2314.323 | 1.2 | 1.574 | 502.472 | 1 | 14.668 |
| 9/11/2018 3:00 | 450000 | 12.832 | 17.667 | 29.248 | 1990.298 | 2314.487 | 1.2 | 1.574 | 502.437 | 1 | 14.67 |
| 9/11/2018 3:05 | 450300 | 12.833 | 17.666 | 29.251 | 1990.414 | 2314.635 | 1.2 | 1.574 | 502.408 | 1 | 14.67 |
| 9/11/2018 3:10 | 450600 | 12.834 | 17.666 | 29.251 | 1990.832 | 2315.112 | 1.2 | 1.574 | 502.303 | 1 | 14.67 |
| 9/11/2018 3:15 | 450900 | 12.833 | 17.667 | 29.252 | 1990.471 | 2314.682 | 1.2 | 1.574 | 502.394 | 1 | 14.67 |
| 9/11/2018 3:20 | 451200 | 12.832 | 17.666 | 29.249 | 1990.715 | 2314.985 | 1.2 | 1.574 | 502.332 | 1 | 14.671 |
| 9/11/2018 3:25 | 451500 | 12.83 | 17.667 | 29.244 | 1990.271 | 2314.45 | 1.2 | 1.574 | 502.444 | 1 | 14.671 |
| 9/11/2018 3:30 | 451800 | 12.828 | 17.666 | 29.24 | 1990.677 | 2314.936 | 1.2 | 1.574 | 502.342 | 1 | 14.672 |
| 9/11/2018 3:35 | 452100 | 12.83 | 17.666 | 29.244 | 1990.677 | 2314.945 | 1.2 | 1.574 | 502.342 | 1 | 14.671 |
| 9/11/2018 3:40 | 452400 | 12.833 | 17.666 | 29.251 | 1991.107 | 2315.44 | 1.2 | 1.574 | 502.233 | 1 | 14.669 |
| 9/11/2018 3:45 | 452700 | 12.834 | 17.666 | 29.252 | 1991.068 | 2315.399 | 1.2 | 1.574 | 502.243 | 1 | 14.668 |
| 9/11/2018 3:50 | 453000 | 12.83 | 17.666 | 29.244 | 1991.241 | 2315.601 | 1.2 | 1.575 | 502.199 | 1 | 14.671 |
| 9/11/2018 3:55 | 453300 | 12.827 | 17.666 | 29.236 | 1991.354 | 2315.723 | 1.201 | 1.575 | 502.171 | 1 | 14.675 |
| 9/11/2018 4:00 | 453600 | 12.824 | 17.666 | 29.229 | 1990.853 | 2315.145 | 1.2 | 1.574 | 502.297 | 1 | 14.678 |
| 9/11/2018 4:05 | 453900 | 12.825 | 17.666 | 29.231 | 1990.817 | 2315.108 | 1.2 | 1.574 | 502.306 | 1 | 14.675 |
| 9/11/2018 4:10 | 454200 | 12.827 | 17.667 | 29.236 | 1990.964 | 2315.247 | 1.2 | 1.574 | 502.269 | 1 | 14.672 |
| 9/11/2018 4:15 | 454500 | 12.829 | 17.667 | 29.24 | 1990.964 | 2315.255 | 1.2 | 1.574 | 502.269 | 1 | 14.67 |
| 9/11/2018 4:20 | 454800 | 12.829 | 17.666 | 29.242 | 1991.005 | 2315.313 | 1.2 | 1.574 | 502.259 | 1 | 14.669 |
| 9/11/2018 4:25 | 455100 | 12.829 | 17.666 | 29.241 | 1991.315 | 2315.678 | 1.201 | 1.575 | 502.181 | 1 | 14.669 |
| 9/11/2018 4:30 | 455400 | 12.829 | 17.667 | 29.241 | 1991.297 | 2315.643 | 1.201 | 1.575 | 502.185 | 1 | 14.669 |
| 9/11/2018 4:35 | 455700 | 12.828 | 17.667 | 29.239 | 1991.326 | 2315.681 | 1.201 | 1.575 | 502.178 | 1 | 14.669 |
| 9/11/2018 4:40 | 456000 | 12.829 | 17.666 | 29.241 | 1991.428 | 2315.804 | 1.201 | 1.575 | 502.152 | 1 | 14.669 |
| 9/11/2018 4:45 | 456300 | 12.829 | 17.667 | 29.241 | 1991.624 | 2316.028 | 1.201 | 1.575 | 502.103 | 1 | 14.67 |
| 9/11/2018 4:50 | 456600 | 12.827 | 17.667 | 29.237 | 1991.3 | 2315.646 | 1.201 | 1.575 | 502.185 | 1 | 14.671 |
| 9/11/2018 4:55 | 456900 | 12.825 | 17.667 | 29.232 | 1991.561 | 2315.941 | 1.201 | 1.575 | 502.119 | 1 | 14.673 |
| 9/11/2018 5:00 | 457200 | 12.823 | 17.666 | 29.227 | 1991.489 | 2315.62 | 1.2 | 1.574 | 502.233 | 1 | 14.675 |
| 9/11/2018 5:05 | 457500 | 12.824 | 17.666 | 29.229 | 1991.599 | 2316.008 | 1.201 | 1.575 | 502.109 | 1 | 14.673 |
| 9/11/2018 5:10 | 457800 | 12.825 | 17.666 | 29.233 | 1992.087 | 2316.571 | 1.201 | 1.575 | 501.986 | 1 | 14.672 |
| 9/11/2018 5:15 | 458100 | 12.828 | 17.667 | 29.239 | 1991.738 | 2316.134 | 1.201 | 1.575 | 502.074 | 1 | 14.671 |
| 9/11/2018 5:20 | 458400 | 12.825 | 17.667 | 29.233 | 1991.176 | 2315.508 | 1.2 | 1.575 | 502.216 | 1 | 14.671 |
| 9/11/2018 5:25 | 458700 | 12.827 | 17.667 | 29.237 | 1992.171 | 2316.664 | 1.201 | 1.575 | 501.965 | 1 | 14.671 |
| 9/11/2018 5:30 | 459000 | 12.827 | 17.667 | 29.237 | 1992.221 | 2316.709 | 1.201 | 1.575 | 501.952 | 1 | 14.671 |
| 9/11/2018 5:35 | 459300 | 12.827 | 17.666 | 29.238 | 1992.074 | 2316.556 | 1.201 | 1.575 | 501.989 | 1 | 14.672 |
| 9/11/2018 5:40 | 459600 | 12.826 | 17.666 | 29.235 | 1991.778 | 2316.216 | 1.201 | 1.575 | 502.064 | 1 | 14.673 |
| 9/11/2018 5:45 | 459900 | 12.825 | 17.666 | 29.233 | 1991.981 | 2316.471 | 1.201 | 1.575 | 502.013 | 1 | 14.673 |
| 9/11/2018 5:50 | 460200 | 12.827 | 17.667 | 29.236 | 1992.322 | 2316.827 | 1.201 | 1.575 | 501.927 | 1 | 14.671 |
| 9/11/2018 5:55 | 460500 | 12.829 | 17.666 | 29.242 | 1992.078 | 2316.561 | 1.201 | 1.575 | 501.988 | 1 | 14.669 |
| 9/11/2018 6:00 | 460800 | 12.83 | 17.667 | 29.244 | 1991.823 | 2316.254 | 1.201 | 1.575 | 502.053 | 1 | 14.667 |
| 9/11/2018 6:05 | 461100 | 12.83 | 17.666 | 29.244 | 1992.192 | 2316.702 | 1.201 | 1.575 | 501.96 | 1 | 14.668 |
| 9/11/2018 6:10 | 461400 | 12.828 | 17.666 | 29.24 | 1992.141 | 2316.638 | 1.201 | 1.575 | 501.973 | 1 | 14.669 |
| 9/11/2018 6:15 | 461700 | 12.83 | 17.667 | 29.244 | 1992.789 | 2317.369 | 1.201 | 1.576 | 501.809 | 1 | 14.669 |
| 9/11/2018 6:20 | 462000 | 12.829 | 17.666 | 29.241 | 1992.697 | 2317.285 | 1.201 | 1.576 | 501.832 | 1 | 14.672 |
| 9/11/2018 6:25 | 462300 | 12.825 | 17.666 | 29.233 | 1992.34 | 2316.865 | 1.201 | 1.575 | 501.922 | 1 | 14.674 |
| 9/11/2018 6:30 | 462600 | 12.824 | 17.666 | 29.229 | 1992.712 | 2317.298 | 1.201 | 1.576 | 501.829 | 1 | 14.676 |
| 9/11/2018 6:35 | 462900 | 12.826 | 17.666 | 29.235 | 1992.775 | 2316.79 | 1.201 | 1.575 | 501.939 | 1 | 14.674 |
| 9/11/2018 6:40 | 463200 | 12.833 | 17.667 | 29.249 | 1992.886 | 2317.482 | 1.202 | 1.576 | 501.785 | 1 | 14.671 |
| 9/11/2018 6:45 | 463500 | 12.836 | 17.666 | 29.257 | 1993.173 | 2317.838 | 1.202 | 1.576 | 501.713 | 1 | 14.668 |
| 9/11/2018 6:50 | 463800 | 12.833 | 17.667 | 29.251 | 1992.707 | 2317.26 | 1.201 | 1.576 | 501.83 | 1 | 14.671 |
| 9/11/2018 6:55 | 464100 | 12.832 | 17.667 | 29.247 | 1992.674 | 2317.24 | 1.201 | 1.576 | 501.838 | 1 | 14.674 |
| 9/11/2018 7:00 | 464400 | 12.828 | 17.666 | 29.239 | 1993.098 | 2317.747 | 1.202 | 1.576 | 501.731 | 1 | 14.677 |
| 9/11/2018 7:05 | 464700 | 12.828 | 17.667 | 29.239 | 1993.095 | 2317.739 | 1.202 | 1.576 | 501.732 | 1 | 14.678 |
| 9/11/2018 7:10 | 465000 | 12.827 | 17.667 | 29.237 | 1993.112 | 2317.753 | 1.202 | 1.576 | 501.728 | 1 | 14.679 |
| 9/11/2018 7:15 | 465300 | 12.827 | 17.667 | 29.238 | 1993.556 | 2318.274 | 1.202 | 1.576 | 501.616 | 1 | 14.68 |
| 9/11/2018 7:20 | 465600 | 12.824 | 17.667 | 29.231 | 1993.022 | 2317.654 | 1.201 | 1.575 | 501.751 | 1 | 14.681 |
| 9/11/2018 7:25 | 465900 | 12.824 | 17.667 | 29.23 | 1993.193 | 2317.852 | 1.202 | 1.576 | 501.708 | 1 | 14.683 |
| 9/11/2018 7:30 | 466200 | 12.824 | 17.667 | | | | | | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/11/2018 16:40 | 499200 | 12.806 | 17.666 | 29.188 | 2014.903 | 2343.121 | 1.216 | 1.593 | 496.302 | 1 | 14.67 |
| 9/11/2018 16:45 | 499500 | 12.805 | 17.667 | 29.187 | 2014.646 | 2342.8 | 1.215 | 1.593 | 496.265 | 1 | 14.67 |
| 9/11/2018 16:50 | 499800 | 12.808 | 17.667 | 29.193 | 2014.837 | 2343.017 | 1.215 | 1.593 | 496.318 | 1 | 14.667 |
| 9/11/2018 16:55 | 500100 | 12.812 | 17.666 | 29.202 | 2015.361 | 2343.654 | 1.216 | 1.594 | 496.189 | 1 | 14.663 |
| 9/11/2018 17:00 | 500400 | 12.814 | 17.667 | 29.208 | 2015.428 | 2343.705 | 1.216 | 1.594 | 496.172 | 1 | 14.66 |
| 9/11/2018 17:05 | 500700 | 12.816 | 17.666 | 29.211 | 2015.89 | 2344.274 | 1.216 | 1.594 | 496.059 | 1 | 14.66 |
| 9/11/2018 17:10 | 501000 | 12.815 | 17.667 | 29.209 | 2015.916 | 2344.263 | 1.216 | 1.594 | 496.053 | 1 | 14.661 |
| 9/11/2018 17:15 | 501300 | 12.814 | 17.667 | 29.207 | 2015.943 | 2344.299 | 1.216 | 1.594 | 496.046 | 1 | 14.661 |
| 9/11/2018 17:20 | 501600 | 12.814 | 17.667 | 29.206 | 2016.486 | 2344.934 | 1.216 | 1.595 | 495.912 | 1 | 14.662 |
| 9/11/2018 17:25 | 501900 | 12.812 | 17.666 | 29.194 | 2016.265 | 2344.698 | 1.216 | 1.594 | 495.965 | 1 | 14.663 |
| 9/11/2018 17:30 | 502200 | 12.811 | 17.666 | 29.197 | 2016.442 | 2344.921 | 1.216 | 1.595 | 495.923 | 1 | 14.664 |
| 9/11/2018 17:35 | 502500 | 12.814 | 17.666 | 29.206 | 2016.62 | 2345.127 | 1.217 | 1.595 | 495.879 | 1 | 14.662 |
| 9/11/2018 17:40 | 502800 | 12.815 | 17.666 | 29.209 | 2016.886 | 2345.415 | 1.217 | 1.595 | 495.814 | 1 | 14.659 |
| 9/11/2018 17:45 | 503100 | 12.816 | 17.667 | 29.212 | 2016.898 | 2345.419 | 1.217 | 1.595 | 495.811 | 1 | 14.656 |
| 9/11/2018 17:50 | 503400 | 12.815 | 17.666 | 29.209 | 2016.776 | 2345.291 | 1.217 | 1.595 | 495.841 | 1 | 14.658 |
| 9/11/2018 17:55 | 503700 | 12.812 | 17.667 | 29.201 | 2016.684 | 2345.161 | 1.217 | 1.595 | 495.864 | 1 | 14.66 |
| 9/11/2018 18:00 | 504000 | 12.81 | 17.666 | 29.199 | 2016.593 | 2345.068 | 1.217 | 1.595 | 495.886 | 1 | 14.661 |
| 9/11/2018 18:05 | 504300 | 12.809 | 17.666 | 29.196 | 2017.093 | 2345.659 | 1.217 | 1.595 | 495.763 | 1 | 14.662 |
| 9/11/2018 18:10 | 504600 | 12.808 | 17.667 | 29.194 | 2016.963 | 2345.495 | 1.217 | 1.595 | 495.795 | 1 | 14.662 |
| 9/11/2018 18:15 | 504900 | 12.808 | 17.667 | 29.194 | 2016.367 | 2345.985 | 1.217 | 1.595 | 495.696 | 1 | 14.663 |
| 9/11/2018 18:20 | 505200 | 12.809 | 17.666 | 29.196 | 2017.784 | 2346.459 | 1.217 | 1.596 | 495.593 | 1 | 14.661 |
| 9/11/2018 18:25 | 505500 | 12.812 | 17.667 | 29.202 | 2017.099 | 2345.653 | 1.217 | 1.595 | 495.761 | 1 | 14.659 |
| 9/11/2018 18:30 | 505800 | 12.812 | 17.667 | 29.202 | 2018.024 | 2346.715 | 1.217 | 1.596 | 495.534 | 1 | 14.657 |
| 9/11/2018 18:35 | 506100 | 12.813 | 17.666 | 29.204 | 2017.531 | 2346.168 | 1.217 | 1.595 | 495.655 | 1 | 14.656 |
| 9/11/2018 18:40 | 506400 | 12.813 | 17.666 | 29.206 | 2017.524 | 2346.169 | 1.217 | 1.595 | 495.657 | 1 | 14.656 |
| 9/11/2018 18:45 | 506700 | 12.812 | 17.666 | 29.203 | 2017.818 | 2346.498 | 1.217 | 1.596 | 495.585 | 1 | 14.656 |
| 9/11/2018 18:50 | 507000 | 12.814 | 17.666 | 29.206 | 2017.586 | 2346.233 | 1.217 | 1.595 | 495.642 | 1 | 14.655 |
| 9/11/2018 18:55 | 507300 | 12.813 | 17.666 | 29.204 | 2018.342 | 2347.13 | 1.218 | 1.596 | 495.456 | 1 | 14.655 |
| 9/11/2018 19:00 | 507600 | 12.811 | 17.666 | 29.204 | 2018.58 | 2347.388 | 1.218 | 1.596 | 495.398 | 1 | 14.655 |
| 9/11/2018 19:05 | 507900 | 12.814 | 17.666 | 29.207 | 2018.821 | 2347.683 | 1.218 | 1.596 | 495.339 | 1 | 14.657 |
| 9/11/2018 19:10 | 508200 | 12.811 | 17.666 | 29.199 | 2018.97 | 2347.846 | 1.218 | 1.597 | 495.302 | 1 | 14.659 |
| 9/11/2018 19:15 | 508500 | 12.809 | 17.666 | 29.195 | 2018.289 | 2347.046 | 1.218 | 1.596 | 495.469 | 1 | 14.661 |
| 9/11/2018 19:20 | 508800 | 12.807 | 17.667 | 29.19 | 2019.179 | 2348.071 | 1.218 | 1.597 | 495.251 | 1 | 14.661 |
| 9/11/2018 19:25 | 509100 | 12.808 | 17.666 | 29.193 | 2019.193 | 2348.097 | 1.218 | 1.597 | 495.247 | 1 | 14.661 |
| 9/11/2018 19:30 | 509400 | 12.809 | 17.666 | 29.195 | 2019.556 | 2348.537 | 1.218 | 1.597 | 495.158 | 1 | 14.662 |
| 9/11/2018 19:35 | 509700 | 12.81 | 17.666 | 29.199 | 2019.334 | 2348.265 | 1.218 | 1.597 | 495.213 | 1 | 14.66 |
| 9/11/2018 19:40 | 510000 | 12.812 | 17.666 | 29.203 | 2019.296 | 2348.216 | 1.218 | 1.597 | 495.222 | 1 | 14.659 |
| 9/11/2018 19:45 | 510300 | 12.815 | 17.667 | 29.21 | 2019.634 | 2348.601 | 1.218 | 1.597 | 495.139 | 1 | 14.657 |
| 9/11/2018 19:50 | 510600 | 12.814 | 17.666 | 29.207 | 2019.653 | 2348.632 | 1.219 | 1.597 | 495.134 | 1 | 14.658 |
| 9/11/2018 19:55 | 510900 | 12.813 | 17.667 | 29.205 | 2019.885 | 2348.892 | 1.219 | 1.597 | 495.078 | 1 | 14.659 |
| 9/11/2018 20:00 | 511200 | 12.813 | 17.666 | 29.206 | 2019.963 | 2348.997 | 1.219 | 1.597 | 495.058 | 1 | 14.66 |
| 9/11/2018 20:05 | 511500 | 12.813 | 17.667 | 29.204 | 2020.568 | 2349.687 | 1.219 | 1.598 | 494.91 | 1 | 14.659 |
| 9/11/2018 20:10 | 511800 | 12.815 | 17.667 | 29.21 | 2020.457 | 2349.543 | 1.219 | 1.598 | 494.938 | 1 | 14.657 |
| 9/11/2018 20:15 | 512100 | 12.817 | 17.666 | 29.214 | 2020.233 | 2349.311 | 1.219 | 1.598 | 494.922 | 1 | 14.656 |
| 9/11/2018 20:20 | 512400 | 12.816 | 17.666 | 29.211 | 2020.201 | 2349.264 | 1.219 | 1.597 | 495 | 1 | 14.658 |
| 9/11/2018 20:25 | 512700 | 12.816 | 17.667 | 29.211 | 2020.23 | 2349.284 | 1.219 | 1.598 | 494.993 | 1 | 14.66 |
| 9/11/2018 20:30 | 513000 | 12.814 | 17.666 | 29.207 | 2019.774 | 2348.782 | 1.219 | 1.597 | 495.105 | 1 | 14.662 |
| 9/11/2018 20:35 | 513300 | 12.814 | 17.667 | 29.207 | 2020.233 | 2349.297 | 1.219 | 1.598 | 494.992 | 1 | 14.663 |
| 9/11/2018 20:40 | 513600 | 12.812 | 17.667 | 29.202 | 2019.963 | 2348.983 | 1.219 | 1.597 | 495.059 | 1 | 14.665 |
| 9/11/2018 20:45 | 513900 | 12.811 | 17.667 | 29.201 | 2020.437 | 2349.535 | 1.219 | 1.598 | 494.942 | 1 | 14.667 |
| 9/11/2018 20:50 | 514200 | 12.808 | 17.666 | 29.194 | 2019.841 | 2348.865 | 1.219 | 1.597 | 495.088 | 1 | 14.669 |
| 9/11/2018 20:55 | 514500 | 12.808 | 17.667 | 29.194 | 2020.046 | 2349.071 | 1.219 | 1.597 | 495.038 | 1 | 14.671 |
| 9/11/2018 21:00 | 514800 | 12.805 | 17.666 | 29.187 | 2020.468 | 2349.584 | 1.219 | 1.598 | 494.935 | 1 | 14.673 |
| 9/11/2018 21:05 | 515100 | 12.808 | 17.667 | 29.193 | 2020.666 | 2349.801 | 1.219 | 1.598 | 494.886 | 1 | 14.671 |
| 9/11/2018 21:10 | 515400 | 12.81 | 17.666 | 29.198 | 2020.319 | 2349.42 | 1.219 | 1.598 | 494.971 | 1 | 14.669 |
| 9/11/2018 21:15 | 515700 | 12.813 | 17.666 | 29.205 | 2020.139 | 2349.192 | 1.219 | 1.597 | 495.015 | 1 | 14.667 |
| 9/11/2018 21:20 | 516000 | 12.812 | 17.666 | 29.202 | 2020.615 | 2349.76 | 1.219 | 1.598 | 494.899 | 1 | 14.668 |
| 9/11/2018 21:25 | 516300 | 12.811 | 17.666 | 29.2 | 2020.605 | 2349.754 | 1.219 | 1.598 | 494.901 | 1 | 14.67 |
| 9/11/2018 21:30 | 516600 | 12.809 | 17.667 | 29.197 | 2020.385 | 2349.474 | 1.219 | 1.598 | 494.955 | 1 | 14.671 |
| 9/11/2018 21:35 | 516900 | 12.81 | 17.666 | 29.198 | 2020.451 | 2349.555 | 1.219 | 1.598 | 494.939 | 1 | 14.673 |
| 9/11/2018 21:40 | 517200 | 12.808 | 17.666 | 29.193 | 2020.351 | 2349.439 | 1.219 | 1.598 | 494.963 | 1 | 14.674 |
| 9/11/2018 21:45 | 517500 | 12.809 | 17.666 | 29.195 | 2020.448 | 2349.566 | 1.219 | 1.598 | 494.94 | 1 | 14.676 |
| 9/11/2018 21:50 | 517800 | 12.808 | 17.667 | 29.194 | 2020.698 | 2349.829 | 1.219 | 1.598 | 494.879 | 1 | 14.676 |
| 9/11/2018 21:55 | 518100 | 12.809 | 17.666 | 29.196 | 2020.716 | 2349.872 | 1.219 | 1.598 | 494.874 | 1 | 14.676 |
| 9/11/2018 22:00 | 518400 | 12.809 | 17.666 | 29.196 | 2021.059 | 2350.289 | 1.219 | 1.598 | 494.79 | 1 | 14.675 |
| 9/11/2018 22:05 | 518700 | 12.807 | 17.667 | 29.192 | 2021.14 | 2350.352 | 1.219 | 1.598 | 494.77 | 1 | 14.678 |
| 9/11/2018 22:10 | 519000 | 12.806 | 17.666 | 29.186 | 2021.62 | 2350.9 | 1.22 | 1.598 | 494.653 | 1 | 14.68 |
| 9/11/2018 22:15 | 519300 | 12.804 | 17.666 | 29.184 | 2021.277 | 2350.53 | 1.22 | 1.598 | 494.737 | 1 | 14.682 |
| 9/11/2018 22:20 | 519600 | 12.805 | 17.666 | 29.186 | 2022.059 | 2351.434 | 1.22 | 1.599 | 494.546 | 1 | 14.68 |
| 9/11/2018 22:25 | 519900 | 12.806 | 17.666 | 29.188 | 2022.382 | 2351.8 | 1.22 | 1.599 | 494.467 | 1 | 14.679 |
| 9/11/2018 22:30 | 520200 | 12.806 | 17.666 | 29.19 | 2021.853 | 2351.2 | 1.22 | 1.599 | 494.596 | 1 | 14.677 |
| 9/11/2018 22:35 | 520500 | 12.806 | 17.667 | 29.189 | 2022.44 | 2351.859 | 1.22 | 1.599 | 494.452 | 1 | 14.678 |
| 9/11/2018 22:40 | 520800 | 12.807 | 17.666 | 29.19 | 2022.509 | 2351.963 | 1.22 | 1.599 | 494.435 | 1 | 14.678 |
| 9/11/2018 22:45 | 521100 | 12.807 | 17.667 | 29.191 | 2022.386 | 2351.796 | 1.22 | 1.599 | 494.465 | 1 | 14.678 |
| 9/11/2018 22:50 | 521400 | 12.806 | 17.666 | 29.19 | 2022.74 | 2352.218 | 1.22 | 1.6 | 494.379 | 1 | 14.679 |
| 9/11/2018 22:55 | 521700 | 12.806 | 17.666 | 29.19 | 2023.042 | 2352.578 | 1.221 | 1.6 | 494.305 | 1 | 14.679 |
| 9/11/2018 23:00 | 522000 | 12.807 | 17.666 | 29.191 | 2023.022 | 2352.554 | 1.221 | 1.6 | 494.311 | 1 | 14.68 |
| 9/11/2018 23:05 | 522300 | 12.807 | 17.667 | 29.191 | 2023.651 | 2353.267 | 1.221 | 1.6 | 494.156 | 1 | 14.679 |
| 9/11/2018 23:10 | 522600 | 12.807 | 17.666 | 29.191 | 2023.779 | 2353.435 | 1.221 | 1.6 | 494.125 | 1 | 14.679 |
| 9/11/2018 23:15 | 522900 | 12.808 | 17.667 | 29.193 | 2023.402 | 2352.982 | 1.221 | 1.6 | 494.217 | 1 | 14.678 |
| 9/11/2018 23:20 | 523200 | 12.81 | 17.667 | 29.197 | 2023.715 | 2353.341 | 1.221 | 1.6 | 494.141 | 1 | 14.677 |
| 9/11/2018 23:25 | 523500 | 12.811 | 17.667 | 29.2 | 2023.814 | 2353.452 | 1.221 | 1.6 | 494.117 | 1 | 14.676 |
| 9/11/2018 23:30 | 523800 | 12.811 | 17.667 | 29.201 | 2024.383 | 2354.114 | 1.222 | 1.601 | 493.978 | 1 | 14.675 |
| 9/11/2018 23:35 | 524100 | 12.809 | 17.666 | 29.196 | 2024.244 | 2353.971 | 1.221 | 1.601 | 494.012 | 1 | 14.678 |
| 9/11/2018 23:40 | 524400 | 12.804 | 17.666 | 29.184 | 2024.137 | 2353.855 | 1.221 | 1.601 | 494.038 | 1 | 14.682 |
| 9/11/2018 23:45 | 524700 | 12.801 | 17.666 | 29.178 | 2024.538 | 2354.317 | 1.221 | 1.601 | 493.942 | 1 | 14.686 |
| 9/11/2018 23:50 | 525000 | 12.802 | | | | | | | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/12/2018 9:05 | 558300 | 12.796 | 17.666 | 29.165 | 2044.077 | 2377.039 | 1.234 | 1.616 | 489.218 | 1 | 14.712 |
| 9/12/2018 9:10 | 558600 | 12.797 | 17.666 | 29.167 | 2044.37 | 2377.37 | 1.234 | 1.617 | 489.148 | 1 | 14.712 |
| 9/12/2018 9:15 | 558900 | 12.798 | 17.666 | 29.172 | 2044.622 | 2377.672 | 1.234 | 1.617 | 489.088 | 1 | 14.711 |
| 9/12/2018 9:20 | 559200 | 12.8 | 17.666 | 29.174 | 2044.969 | 2378.071 | 1.235 | 1.617 | 489.005 | 1 | 14.711 |
| 9/12/2018 9:25 | 559500 | 12.801 | 17.666 | 29.179 | 2045.104 | 2378.238 | 1.235 | 1.617 | 488.973 | 1 | 14.711 |
| 9/12/2018 9:30 | 559800 | 12.802 | 17.666 | 29.181 | 2045.347 | 2378.516 | 1.235 | 1.617 | 488.915 | 1 | 14.711 |
| 9/12/2018 9:35 | 560100 | 12.801 | 17.666 | 29.178 | 2046.24 | 2379.553 | 1.235 | 1.618 | 488.701 | 1 | 14.712 |
| 9/12/2018 9:40 | 560400 | 12.799 | 17.667 | 29.172 | 2046.115 | 2379.385 | 1.235 | 1.618 | 488.731 | 1 | 14.714 |
| 9/12/2018 9:45 | 560700 | 12.797 | 17.666 | 29.169 | 2046.719 | 2380.134 | 1.236 | 1.618 | 488.587 | 1 | 14.715 |
| 9/12/2018 9:50 | 561000 | 12.798 | 17.666 | 29.17 | 2047.099 | 2380.548 | 1.236 | 1.619 | 488.496 | 1 | 14.715 |
| 9/12/2018 9:55 | 561300 | 12.8 | 17.666 | 29.175 | 2046.755 | 2380.176 | 1.236 | 1.619 | 488.578 | 1 | 14.714 |
| 9/12/2018 10:00 | 561600 | 12.799 | 17.666 | 29.173 | 2046.999 | 2380.428 | 1.236 | 1.619 | 488.52 | 1 | 14.713 |
| 9/12/2018 10:05 | 561900 | 12.799 | 17.666 | 29.172 | 2047.832 | 2381.419 | 1.236 | 1.619 | 488.321 | 1 | 14.717 |
| 9/12/2018 10:10 | 562200 | 12.797 | 17.666 | 29.168 | 2047.952 | 2381.545 | 1.236 | 1.619 | 488.293 | 1 | 14.72 |
| 9/12/2018 10:15 | 562500 | 12.794 | 17.666 | 29.16 | 2047.848 | 2381.424 | 1.236 | 1.619 | 488.318 | 1 | 14.724 |
| 9/12/2018 10:20 | 562800 | 12.797 | 17.666 | 29.168 | 2048.269 | 2381.923 | 1.237 | 1.62 | 488.217 | 1 | 14.722 |
| 9/12/2018 10:25 | 563100 | 12.796 | 17.666 | 29.166 | 2048.712 | 2382.443 | 1.237 | 1.62 | 488.112 | 1 | 14.721 |
| 9/12/2018 10:30 | 563400 | 12.798 | 17.666 | 29.171 | 2049.019 | 2382.781 | 1.237 | 1.62 | 488.038 | 1 | 14.719 |
| 9/12/2018 10:35 | 563700 | 12.8 | 17.666 | 29.175 | 2048.74 | 2382.47 | 1.237 | 1.62 | 488.105 | 1 | 14.719 |
| 9/12/2018 10:40 | 564000 | 12.8 | 17.667 | 29.175 | 2049.697 | 2383.566 | 1.238 | 1.621 | 487.877 | 1 | 14.719 |
| 9/12/2018 10:45 | 564300 | 12.8 | 17.666 | 29.176 | 2049.394 | 2383.226 | 1.237 | 1.621 | 487.949 | 1 | 14.719 |
| 9/12/2018 10:50 | 564600 | 12.799 | 17.666 | 29.173 | 2049.596 | 2383.462 | 1.238 | 1.621 | 487.901 | 1 | 14.719 |
| 9/12/2018 10:55 | 564900 | 12.798 | 17.666 | 29.171 | 2050.22 | 2384.201 | 1.238 | 1.621 | 487.752 | 1 | 14.719 |
| 9/12/2018 11:00 | 565200 | 12.801 | 17.666 | 29.178 | 2050.103 | 2384.051 | 1.238 | 1.621 | 487.78 | 1 | 14.719 |
| 9/12/2018 11:05 | 565500 | 12.798 | 17.667 | 29.172 | 2050.356 | 2384.321 | 1.238 | 1.621 | 487.72 | 1 | 14.721 |
| 9/12/2018 11:10 | 565800 | 12.797 | 17.666 | 29.168 | 2050.681 | 2384.719 | 1.238 | 1.622 | 487.643 | 1 | 14.722 |
| 9/12/2018 11:15 | 566100 | 12.796 | 17.667 | 29.166 | 2050.942 | 2385.008 | 1.238 | 1.622 | 487.581 | 1 | 14.724 |
| 9/12/2018 11:20 | 566400 | 12.798 | 17.667 | 29.171 | 2050.965 | 2385.034 | 1.238 | 1.622 | 487.575 | 1 | 14.722 |
| 9/12/2018 11:25 | 566700 | 12.8 | 17.666 | 29.175 | 2051.636 | 2385.82 | 1.239 | 1.622 | 487.416 | 1 | 14.721 |
| 9/12/2018 11:30 | 567000 | 12.802 | 17.666 | 29.179 | 2051.53 | 2385.696 | 1.239 | 1.622 | 487.441 | 1 | 14.722 |
| 9/12/2018 11:35 | 567300 | 12.799 | 17.666 | 29.173 | 2051.821 | 2386.039 | 1.239 | 1.623 | 487.372 | 1 | 14.722 |
| 9/12/2018 11:40 | 567600 | 12.798 | 17.666 | 29.17 | 2051.791 | 2386 | 1.239 | 1.622 | 487.379 | 1 | 14.724 |
| 9/12/2018 11:45 | 567900 | 12.797 | 17.666 | 29.167 | 2052.204 | 2386.495 | 1.239 | 1.623 | 487.281 | 1 | 14.725 |
| 9/12/2018 11:50 | 568200 | 12.799 | 17.666 | 29.172 | 2052.708 | 2387.071 | 1.24 | 1.623 | 487.161 | 1 | 14.724 |
| 9/12/2018 11:55 | 568500 | 12.797 | 17.667 | 29.169 | 2052.774 | 2387.124 | 1.24 | 1.623 | 487.146 | 1 | 14.723 |
| 9/12/2018 12:00 | 568800 | 12.798 | 17.667 | 29.17 | 2053.056 | 2387.462 | 1.24 | 1.623 | 487.079 | 1 | 14.722 |
| 9/12/2018 12:05 | 569100 | 12.798 | 17.667 | 29.17 | 2053.243 | 2387.684 | 1.24 | 1.624 | 487.034 | 1 | 14.721 |
| 9/12/2018 12:10 | 569400 | 12.799 | 17.666 | 29.173 | 2053.497 | 2388.003 | 1.24 | 1.624 | 486.974 | 1 | 14.72 |
| 9/12/2018 12:15 | 569700 | 12.799 | 17.666 | 29.172 | 2053.422 | 2387.896 | 1.24 | 1.624 | 486.922 | 1 | 14.72 |
| 9/12/2018 12:20 | 570000 | 12.799 | 17.666 | 29.173 | 2053.717 | 2388.267 | 1.24 | 1.624 | 486.922 | 1 | 14.72 |
| 9/12/2018 12:25 | 570300 | 12.798 | 17.667 | 29.171 | 2053.75 | 2388.273 | 1.24 | 1.624 | 486.914 | 1 | 14.72 |
| 9/12/2018 12:30 | 570600 | 12.798 | 17.667 | 29.171 | 2054.075 | 2388.638 | 1.24 | 1.624 | 486.837 | 1 | 14.72 |
| 9/12/2018 12:35 | 570900 | 12.799 | 17.666 | 29.172 | 2054.111 | 2388.702 | 1.24 | 1.624 | 486.829 | 1 | 14.72 |
| 9/12/2018 12:40 | 571200 | 12.798 | 17.667 | 29.171 | 2054.149 | 2388.732 | 1.24 | 1.624 | 486.82 | 1 | 14.721 |
| 9/12/2018 12:45 | 571500 | 12.798 | 17.666 | 29.17 | 2054.798 | 2389.502 | 1.241 | 1.625 | 486.666 | 1 | 14.721 |
| 9/12/2018 12:50 | 571800 | 12.798 | 17.666 | 29.17 | 2055.213 | 2389.979 | 1.241 | 1.625 | 486.568 | 1 | 14.721 |
| 9/12/2018 12:55 | 572100 | 12.796 | 17.666 | 29.165 | 2054.981 | 2389.71 | 1.241 | 1.625 | 486.622 | 1 | 14.721 |
| 9/12/2018 13:00 | 572400 | 12.796 | 17.666 | 29.166 | 2054.882 | 2389.595 | 1.241 | 1.625 | 486.646 | 1 | 14.72 |
| 9/12/2018 13:05 | 572700 | 12.797 | 17.667 | 29.167 | 2055.205 | 2389.965 | 1.241 | 1.625 | 486.57 | 1 | 14.719 |
| 9/12/2018 13:10 | 573000 | 12.799 | 17.666 | 29.172 | 2055.797 | 2390.664 | 1.241 | 1.626 | 486.429 | 1 | 14.717 |
| 9/12/2018 13:15 | 573300 | 12.799 | 17.666 | 29.173 | 2055.361 | 2390.165 | 1.241 | 1.625 | 486.533 | 1 | 14.715 |
| 9/12/2018 13:20 | 573600 | 12.798 | 17.666 | 29.17 | 2056.03 | 2390.93 | 1.242 | 1.626 | 486.374 | 1 | 14.714 |
| 9/12/2018 13:25 | 573900 | 12.798 | 17.666 | 29.171 | 2056.039 | 2390.949 | 1.242 | 1.626 | 486.372 | 1 | 14.713 |
| 9/12/2018 13:30 | 574200 | 12.8 | 17.666 | 29.175 | 2056.226 | 2391.157 | 1.242 | 1.626 | 486.328 | 1 | 14.713 |
| 9/12/2018 13:35 | 574500 | 12.798 | 17.666 | 29.17 | 2056.517 | 2391.51 | 1.242 | 1.626 | 486.259 | 1 | 14.715 |
| 9/12/2018 13:40 | 574800 | 12.795 | 17.666 | 29.166 | 2057.062 | 2392.139 | 1.242 | 1.627 | 486.13 | 1 | 14.718 |
| 9/12/2018 13:45 | 575100 | 12.791 | 17.666 | 29.164 | 2057.86 | 2391.918 | 1.242 | 1.627 | 486.178 | 1 | 14.721 |
| 9/12/2018 13:50 | 575400 | 12.794 | 17.666 | 29.161 | 2056.696 | 2391.69 | 1.243 | 1.628 | 486.217 | 1 | 14.719 |
| 9/12/2018 13:55 | 575700 | 12.796 | 17.666 | 29.167 | 2057.393 | 2392.514 | 1.242 | 1.627 | 486.052 | 1 | 14.716 |
| 9/12/2018 14:00 | 576000 | 12.797 | 17.666 | 29.169 | 2057.416 | 2392.569 | 1.243 | 1.627 | 486.047 | 1 | 14.714 |
| 9/12/2018 14:05 | 576300 | 12.797 | 17.666 | 29.168 | 2057.459 | 2392.591 | 1.243 | 1.627 | 486.036 | 1 | 14.713 |
| 9/12/2018 14:10 | 576600 | 12.797 | 17.666 | 29.169 | 2057.408 | 2392.536 | 1.243 | 1.627 | 486.049 | 1 | 14.713 |
| 9/12/2018 14:15 | 576900 | 12.798 | 17.666 | 29.171 | 2057.271 | 2392.377 | 1.242 | 1.627 | 486.081 | 1 | 14.712 |
| 9/12/2018 14:20 | 577200 | 12.796 | 17.666 | 29.166 | 2057.903 | 2393.125 | 1.243 | 1.627 | 485.932 | 1 | 14.714 |
| 9/12/2018 14:25 | 577500 | 12.793 | 17.666 | 29.159 | 2057.525 | 2392.686 | 1.243 | 1.627 | 486.021 | 1 | 14.715 |
| 9/12/2018 14:30 | 577800 | 12.791 | 17.666 | 29.156 | 2058.294 | 2393.697 | 1.243 | 1.628 | 485.816 | 1 | 14.716 |
| 9/12/2018 14:35 | 578100 | 12.797 | 17.666 | 29.158 | 2058.566 | 2393.906 | 1.243 | 1.628 | 485.775 | 1 | 14.712 |
| 9/12/2018 14:40 | 578400 | 12.803 | 17.666 | 29.183 | 2058.223 | 2393.507 | 1.243 | 1.628 | 485.856 | 1 | 14.708 |
| 9/12/2018 14:45 | 578700 | 12.804 | 17.666 | 29.185 | 2058.725 | 2394.068 | 1.243 | 1.628 | 485.738 | 1 | 14.703 |
| 9/12/2018 14:50 | 579000 | 12.802 | 17.666 | 29.18 | 2058.531 | 2393.861 | 1.243 | 1.628 | 485.783 | 1 | 14.704 |
| 9/12/2018 14:55 | 579300 | 12.801 | 17.666 | 29.178 | 2058.84 | 2394.197 | 1.243 | 1.628 | 485.71 | 1 | 14.705 |
| 9/12/2018 15:00 | 579600 | 12.8 | 17.666 | 29.176 | 2059.154 | 2394.594 | 1.244 | 1.628 | 485.636 | 1 | 14.706 |
| 9/12/2018 15:05 | 579900 | 12.794 | 17.666 | 29.162 | 2059.502 | 2394.972 | 1.244 | 1.629 | 485.554 | 1 | 14.708 |
| 9/12/2018 15:10 | 580200 | 12.793 | 17.666 | 29.158 | 2059.492 | 2394.965 | 1.244 | 1.629 | 485.557 | 1 | 14.711 |
| 9/12/2018 15:15 | 580500 | 12.788 | 17.666 | 29.148 | 2059.723 | 2395.251 | 1.244 | 1.629 | 485.502 | 1 | 14.714 |
| 9/12/2018 15:20 | 580800 | 12.792 | 17.666 | 29.158 | 2059.872 | 2395.402 | 1.244 | 1.629 | 485.467 | 1 | 14.71 |
| 9/12/2018 15:25 | 581100 | 12.795 | 17.666 | 29.165 | 2059.153 | 2394.566 | 1.244 | 1.629 | 485.637 | 1 | 14.706 |
| 9/12/2018 15:30 | 581400 | 12.798 | 17.666 | 29.178 | 2059.396 | 2394.854 | 1.244 | 1.629 | 485.579 | 1 | 14.701 |
| 9/12/2018 15:35 | 581700 | 12.796 | 17.667 | 29.166 | 2060.198 | 2395.772 | 1.244 | 1.629 | 485.39 | 1 | 14.704 |
| 9/12/2018 15:40 | 582000 | 12.792 | 17.666 | 29.156 | 2060.143 | 2395.717 | 1.244 | 1.629 | 485.403 | 1 | 14.706 |
| 9/12/2018 15:45 | 582300 | 12.789 | 17.666 | 29.15 | 2060.198 | 2395.777 | 1.244 | 1.629 | 485.39 | 1 | 14.709 |
| 9/12/2018 15:50 | 582600 | 12.79 | 17.667 | 29.153 | 2060.112 | 2395.667 | 1.244 | 1.629 | 485.41 | 1 | 14.706 |
| 9/12/2018 15:55 | 582900 | 12.793 | 17.666 | 29.159 | 2060.675 | 2396.331 | 1.245 | 1.63 | 485.278 | 1 | 14.704 |
| 9/12/2018 16:00 | 583200 | 12.797 | 17.666 | 29.168 | 2060.242 | 2395.842 | 1.244 | 1.629 | 485.38 | 1 | 14.701 |
| 9/12/2018 16:05 | 583500 | 12.795 | 17.666 | 29.164 | 2060.552 | 2395.197 | 1.245 | 1.629 | 485.307 | 1 | 14.701 |
| 9/12/2018 16:10 | 583800 | 12.797 | 17.666 | 29.147 | 2060.85 | 2395.553 | 1.245 | 1.63 | 485.237 | 1 | 14.701 |
| 9/12/2018 16:15 | 584100 | 12.79 | 17.666 | 29. | | | | | | | |

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|----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/13/2018 1:30 | 617400 | 12.794 | 17.667 | 29.161 | 2073.419 | 2411.146 | 1.253 | 1.64 | 482.295 | 1 | 14.71 |
| 9/13/2018 1:35 | 617700 | 12.794 | 17.666 | 29.161 | 2073.192 | 2410.91 | 1.253 | 1.639 | 482.348 | 1 | 14.71 |
| 9/13/2018 1:40 | 618000 | 12.796 | 17.667 | 29.165 | 2073.435 | 2411.146 | 1.253 | 1.64 | 482.291 | 1 | 14.709 |
| 9/13/2018 1:45 | 618300 | 12.797 | 17.666 | 29.167 | 2073.232 | 2410.961 | 1.253 | 1.639 | 482.339 | 1 | 14.708 |
| 9/13/2018 1:50 | 618600 | 12.795 | 17.666 | 29.164 | 2073.401 | 2411.149 | 1.253 | 1.64 | 482.299 | 1 | 14.71 |
| 9/13/2018 1:55 | 618900 | 12.794 | 17.666 | 29.162 | 2074.305 | 2412.191 | 1.253 | 1.64 | 482.089 | 1 | 14.712 |
| 9/13/2018 2:00 | 619200 | 12.792 | 17.666 | 29.157 | 2074.354 | 2412.262 | 1.253 | 1.64 | 482.078 | 1 | 14.714 |
| 9/13/2018 2:05 | 619500 | 12.796 | 17.666 | 29.165 | 2073.682 | 2411.466 | 1.253 | 1.64 | 482.234 | 1 | 14.712 |
| 9/13/2018 2:10 | 619800 | 12.796 | 17.666 | 29.166 | 2073.889 | 2411.697 | 1.253 | 1.64 | 482.186 | 1 | 14.709 |
| 9/13/2018 2:15 | 620100 | 12.798 | 17.666 | 29.171 | 2074.031 | 2411.881 | 1.253 | 1.64 | 482.153 | 1 | 14.707 |
| 9/13/2018 2:20 | 620400 | 12.798 | 17.666 | 29.17 | 2074 | 2411.836 | 1.253 | 1.64 | 482.16 | 1 | 14.71 |
| 9/13/2018 2:25 | 620700 | 12.795 | 17.666 | 29.163 | 2074.836 | 2412.813 | 1.254 | 1.641 | 481.966 | 1 | 14.712 |
| 9/13/2018 2:30 | 621000 | 12.791 | 17.666 | 29.155 | 2074.442 | 2412.364 | 1.253 | 1.64 | 482.057 | 1 | 14.715 |
| 9/13/2018 2:35 | 621300 | 12.792 | 17.666 | 29.156 | 2074.789 | 2412.777 | 1.254 | 1.641 | 481.977 | 1 | 14.713 |
| 9/13/2018 2:40 | 621600 | 12.795 | 17.666 | 29.163 | 2074.543 | 2412.491 | 1.253 | 1.64 | 482.034 | 1 | 14.712 |
| 9/13/2018 2:45 | 621900 | 12.795 | 17.666 | 29.163 | 2075.062 | 2413.08 | 1.254 | 1.641 | 481.913 | 1 | 14.711 |
| 9/13/2018 2:50 | 622200 | 12.794 | 17.666 | 29.162 | 2074.492 | 2412.408 | 1.253 | 1.64 | 482.046 | 1 | 14.712 |
| 9/13/2018 2:55 | 622500 | 12.791 | 17.666 | 29.156 | 2074.682 | 2412.634 | 1.253 | 1.641 | 482.002 | 1 | 14.713 |
| 9/13/2018 3:00 | 622800 | 12.791 | 17.666 | 29.155 | 2074.979 | 2412.867 | 1.254 | 1.641 | 481.956 | 1 | 14.714 |
| 9/13/2018 3:05 | 623100 | 12.793 | 17.666 | 29.158 | 2074.757 | 2412.721 | 1.254 | 1.641 | 481.984 | 1 | 14.713 |
| 9/13/2018 3:10 | 623400 | 12.795 | 17.666 | 29.163 | 2074.723 | 2412.686 | 1.254 | 1.641 | 481.992 | 1 | 14.712 |
| 9/13/2018 3:15 | 623700 | 12.795 | 17.666 | 29.163 | 2075.424 | 2413.506 | 1.254 | 1.641 | 481.829 | 1 | 14.71 |
| 9/13/2018 3:20 | 624000 | 12.796 | 17.666 | 29.165 | 2075.625 | 2413.749 | 1.254 | 1.641 | 481.783 | 1 | 14.711 |
| 9/13/2018 3:25 | 624300 | 12.795 | 17.666 | 29.163 | 2074.941 | 2412.949 | 1.254 | 1.641 | 481.941 | 1 | 14.711 |
| 9/13/2018 3:30 | 624600 | 12.796 | 17.666 | 29.165 | 2075.339 | 2413.398 | 1.254 | 1.641 | 481.849 | 1 | 14.711 |
| 9/13/2018 3:35 | 624900 | 12.794 | 17.666 | 29.162 | 2075.792 | 2413.934 | 1.254 | 1.641 | 481.744 | 1 | 14.712 |
| 9/13/2018 3:40 | 625200 | 12.793 | 17.666 | 29.16 | 2075.756 | 2413.878 | 1.254 | 1.641 | 481.752 | 1 | 14.713 |
| 9/13/2018 3:45 | 625500 | 12.792 | 17.666 | 29.158 | 2075.628 | 2413.758 | 1.254 | 1.641 | 481.782 | 1 | 14.713 |
| 9/13/2018 3:50 | 625800 | 12.79 | 17.666 | 29.153 | 2076 | 2414.185 | 1.254 | 1.642 | 481.696 | 1 | 14.713 |
| 9/13/2018 3:55 | 626100 | 12.793 | 17.666 | 29.159 | 2075.407 | 2413.477 | 1.254 | 1.641 | 481.833 | 1 | 14.712 |
| 9/13/2018 4:00 | 626400 | 12.794 | 17.666 | 29.162 | 2075.789 | 2413.912 | 1.254 | 1.641 | 481.745 | 1 | 14.712 |
| 9/13/2018 4:05 | 626700 | 12.794 | 17.666 | 29.161 | 2075.586 | 2413.676 | 1.254 | 1.641 | 481.792 | 1 | 14.711 |
| 9/13/2018 4:10 | 627000 | 12.796 | 17.666 | 29.165 | 2075.904 | 2414.046 | 1.254 | 1.642 | 481.718 | 1 | 14.71 |
| 9/13/2018 4:15 | 627300 | 12.796 | 17.666 | 29.167 | 2075.988 | 2414.166 | 1.254 | 1.642 | 481.698 | 1 | 14.71 |
| 9/13/2018 4:20 | 627600 | 12.795 | 17.666 | 29.164 | 2075.871 | 2414.008 | 1.254 | 1.642 | 481.725 | 1 | 14.711 |
| 9/13/2018 4:25 | 627900 | 12.794 | 17.666 | 29.161 | 2076.568 | 2414.841 | 1.255 | 1.642 | 481.564 | 1 | 14.712 |
| 9/13/2018 4:30 | 628200 | 12.791 | 17.666 | 29.155 | 2076.293 | 2414.508 | 1.255 | 1.642 | 481.628 | 1 | 14.714 |
| 9/13/2018 4:35 | 628500 | 12.792 | 17.666 | 29.156 | 2076.663 | 2414.28 | 1.255 | 1.642 | 481.542 | 1 | 14.715 |
| 9/13/2018 4:40 | 628800 | 12.79 | 17.666 | 29.152 | 2076.057 | 2414.247 | 1.254 | 1.642 | 481.682 | 1 | 14.717 |
| 9/13/2018 4:45 | 629100 | 12.789 | 17.666 | 29.15 | 2076.925 | 2415.251 | 1.255 | 1.642 | 481.481 | 1 | 14.719 |
| 9/13/2018 4:50 | 629400 | 12.788 | 17.666 | 29.148 | 2076.593 | 2414.86 | 1.255 | 1.642 | 481.558 | 1 | 14.719 |
| 9/13/2018 4:55 | 629700 | 12.788 | 17.666 | 29.148 | 2076.324 | 2414.539 | 1.255 | 1.642 | 481.62 | 1 | 14.718 |
| 9/13/2018 5:00 | 630000 | 12.788 | 17.666 | 29.148 | 2076.784 | 2415.096 | 1.255 | 1.642 | 481.514 | 1 | 14.718 |
| 9/13/2018 5:05 | 630300 | 12.79 | 17.666 | 29.153 | 2076.353 | 2414.59 | 1.255 | 1.642 | 481.614 | 1 | 14.717 |
| 9/13/2018 5:10 | 630600 | 12.791 | 17.666 | 29.154 | 2076.627 | 2414.915 | 1.255 | 1.642 | 481.55 | 1 | 14.715 |
| 9/13/2018 5:15 | 630900 | 12.792 | 17.667 | 29.158 | 2076.949 | 2415.252 | 1.255 | 1.642 | 481.475 | 1 | 14.714 |
| 9/13/2018 5:20 | 631200 | 12.793 | 17.666 | 29.16 | 2077.208 | 2415.571 | 1.255 | 1.643 | 481.416 | 1 | 14.714 |
| 9/13/2018 5:25 | 631500 | 12.794 | 17.666 | 29.161 | 2077.059 | 2415.422 | 1.255 | 1.642 | 481.45 | 1 | 14.714 |
| 9/13/2018 5:30 | 631800 | 12.792 | 17.667 | 29.157 | 2076.655 | 2414.909 | 1.255 | 1.642 | 481.544 | 1 | 14.714 |
| 9/13/2018 5:35 | 632100 | 12.793 | 17.666 | 29.159 | 2076.772 | 2415.074 | 1.255 | 1.642 | 481.516 | 1 | 14.715 |
| 9/13/2018 5:40 | 632400 | 12.792 | 17.666 | 29.157 | 2076.828 | 2415.13 | 1.255 | 1.642 | 481.504 | 1 | 14.715 |
| 9/13/2018 5:45 | 632700 | 12.793 | 17.666 | 29.158 | 2077.364 | 2415.762 | 1.255 | 1.643 | 481.379 | 1 | 14.715 |
| 9/13/2018 5:50 | 633000 | 12.796 | 17.666 | 29.167 | 2076.971 | 2415.31 | 1.255 | 1.642 | 481.47 | 1 | 14.713 |
| 9/13/2018 5:55 | 633300 | 12.799 | 17.666 | 29.173 | 2077.219 | 2415.57 | 1.255 | 1.643 | 481.413 | 1 | 14.71 |
| 9/13/2018 6:00 | 633600 | 12.803 | 17.666 | 29.182 | 2076.938 | 2415.257 | 1.255 | 1.642 | 481.478 | 1 | 14.707 |
| 9/13/2018 6:05 | 633900 | 12.798 | 17.666 | 29.177 | 2077.221 | 2415.586 | 1.255 | 1.643 | 481.413 | 1 | 14.713 |
| 9/13/2018 6:10 | 634200 | 12.791 | 17.666 | 29.17 | 2077.378 | 2415.779 | 1.255 | 1.643 | 481.376 | 1 | 14.719 |
| 9/13/2018 6:15 | 634500 | 12.787 | 17.666 | 29.145 | 2077.629 | 2416.075 | 1.255 | 1.643 | 481.318 | 1 | 14.724 |
| 9/13/2018 6:20 | 634800 | 12.789 | 17.666 | 29.15 | 2077.44 | 2415.846 | 1.255 | 1.643 | 481.362 | 1 | 14.722 |
| 9/13/2018 6:25 | 635100 | 12.792 | 17.666 | 29.156 | 2077.984 | 2416.469 | 1.256 | 1.643 | 481.236 | 1 | 14.721 |
| 9/13/2018 6:30 | 635400 | 12.793 | 17.666 | 29.158 | 2077.806 | 2416.285 | 1.255 | 1.643 | 481.277 | 1 | 14.719 |
| 9/13/2018 6:35 | 635700 | 12.792 | 17.666 | 29.156 | 2078.218 | 2416.736 | 1.256 | 1.643 | 481.181 | 1 | 14.72 |
| 9/13/2018 6:40 | 636000 | 12.791 | 17.666 | 29.155 | 2077.648 | 2416.069 | 1.255 | 1.643 | 481.313 | 1 | 14.721 |
| 9/13/2018 6:45 | 636300 | 12.79 | 17.666 | 29.152 | 2077.484 | 2415.896 | 1.255 | 1.643 | 481.352 | 1 | 14.722 |
| 9/13/2018 6:50 | 636600 | 12.791 | 17.666 | 29.155 | 2077.542 | 2415.973 | 1.255 | 1.643 | 481.338 | 1 | 14.721 |
| 9/13/2018 6:55 | 636900 | 12.792 | 17.666 | 29.156 | 2078.128 | 2416.646 | 1.256 | 1.643 | 481.202 | 1 | 14.72 |
| 9/13/2018 7:00 | 637200 | 12.795 | 17.666 | 29.163 | 2077.644 | 2416.087 | 1.255 | 1.643 | 481.315 | 1 | 14.719 |
| 9/13/2018 7:05 | 637500 | 12.795 | 17.666 | 29.163 | 2078.467 | 2417.04 | 1.256 | 1.644 | 481.124 | 1 | 14.72 |
| 9/13/2018 7:10 | 637800 | 12.794 | 17.666 | 29.162 | 2077.891 | 2416.356 | 1.256 | 1.643 | 481.257 | 1 | 14.72 |
| 9/13/2018 7:15 | 638100 | 12.795 | 17.666 | 29.164 | 2078.263 | 2416.808 | 1.256 | 1.643 | 481.171 | 1 | 14.721 |
| 9/13/2018 7:20 | 638400 | 12.794 | 17.666 | 29.162 | 2078.048 | 2416.543 | 1.256 | 1.643 | 481.221 | 1 | 14.722 |
| 9/13/2018 7:25 | 638700 | 12.799 | 17.666 | 29.172 | 2078.086 | 2416.579 | 1.256 | 1.643 | 481.212 | 1 | 14.723 |
| 9/13/2018 7:30 | 639000 | 12.794 | 17.666 | 29.161 | 2078.266 | 2416.806 | 1.256 | 1.643 | 481.17 | 1 | 14.724 |
| 9/13/2018 7:35 | 639300 | 12.794 | 17.666 | 29.162 | 2078.772 | 2417.408 | 1.256 | 1.644 | 481.053 | 1 | 14.725 |
| 9/13/2018 7:40 | 639600 | 12.794 | 17.666 | 29.161 | 2078.663 | 2417.272 | 1.256 | 1.644 | 481.079 | 1 | 14.725 |
| 9/13/2018 7:45 | 639900 | 12.794 | 17.666 | 29.162 | 2078.522 | 2417.118 | 1.256 | 1.644 | 481.111 | 1 | 14.726 |
| 9/13/2018 7:50 | 640200 | 12.796 | 17.666 | 29.165 | 2079.02 | 2417.692 | 1.256 | 1.644 | 480.996 | 1 | 14.726 |
| 9/13/2018 7:55 | 640500 | 12.796 | 17.666 | 29.165 | 2078.743 | 2417.366 | 1.256 | 1.644 | 481.06 | 1 | 14.726 |
| 9/13/2018 8:00 | 640800 | 12.795 | 17.666 | 29.164 | 2079.299 | 2417.998 | 1.256 | 1.644 | 480.931 | 1 | 14.726 |
| 9/13/2018 8:05 | 641100 | 12.796 | 17.666 | 29.166 | 2078.662 | 2417.276 | 1.256 | 1.644 | 481.079 | 1 | 14.727 |
| 9/13/2018 8:10 | 641400 | 12.796 | 17.666 | 29.166 | 2079.182 | 2417.872 | 1.256 | 1.644 | 480.958 | 1 | 14.729 |
| 9/13/2018 8:15 | 641700 | 12.795 | 17.666 | 29.165 | 2079.145 | 2417.838 | 1.256 | 1.644 | 480.967 | 1 | 14.723 |
| 9/13/2018 8:20 | 642000 | 12.794 | 17.666 | 29.162 | 2079.407 | 2418.138 | 1.257 | 1.644 | 480.906 | 1 | 14.732 |
| 9/13/2018 8:25 | 642300 | 12.791 | 17.666 | 29.154 | 2079.343 | 2418.054 | 1.256 | 1.644 | 480.921 | 1 | 14.73 |
| 9/13/2018 8:30 | 642600 | 12.789 | 17.666 | 29.15 | 2079.571 | 2418.347 | 1.257 | 1.644 | 480.868 | 1 | 14.737 |
| 9/13/2018 8:35 | 642900 | 12.788 | 17.666 | 29.148 | 2079.801 | 2418.6 | 1.257 | 1.644 | 480.815 | 1 | 14.739 |
| 9/13/2018 8:40 | 643200 | 12.784 | 17.666 | 29.14 | 2079.148 | 2417.846 | 1.256 | 1.644 | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/13/2018 17:55 | 676500 | 12.787 | 17.666 | 29.145 | 2085.838 | 2425.621 | 1.261 | 1.649 | 479.424 | 1 | 14.711 |
| 9/13/2018 18:00 | 676800 | 12.789 | 17.666 | 29.15 | 2086.356 | 2426.204 | 1.261 | 1.65 | 479.205 | 1 | 14.709 |
| 9/13/2018 18:05 | 677100 | 12.788 | 17.666 | 29.148 | 2086.731 | 2426.664 | 1.261 | 1.65 | 479.218 | 1 | 14.708 |
| 9/13/2018 18:10 | 677400 | 12.789 | 17.666 | 29.149 | 2086.54 | 2426.433 | 1.261 | 1.65 | 479.262 | 1 | 14.708 |
| 9/13/2018 18:15 | 677700 | 12.789 | 17.666 | 29.15 | 2086.853 | 2426.805 | 1.261 | 1.65 | 479.191 | 1 | 14.707 |
| 9/13/2018 18:20 | 678000 | 12.791 | 17.666 | 29.154 | 2086.375 | 2426.236 | 1.261 | 1.65 | 479.3 | 1 | 14.707 |
| 9/13/2018 18:25 | 678300 | 12.789 | 17.666 | 29.151 | 2087.131 | 2427.115 | 1.261 | 1.65 | 479.127 | 1 | 14.706 |
| 9/13/2018 18:30 | 678600 | 12.789 | 17.666 | 29.151 | 2086.741 | 2426.643 | 1.261 | 1.65 | 479.216 | 1 | 14.706 |
| 9/13/2018 18:35 | 678900 | 12.789 | 17.666 | 29.149 | 2086.841 | 2426.797 | 1.261 | 1.65 | 479.193 | 1 | 14.706 |
| 9/13/2018 18:40 | 679200 | 12.788 | 17.666 | 29.147 | 2086.616 | 2426.885 | 1.261 | 1.65 | 479.176 | 1 | 14.707 |
| 9/13/2018 18:45 | 679500 | 12.787 | 17.666 | 29.145 | 2086.451 | 2426.31 | 1.261 | 1.65 | 479.283 | 1 | 14.708 |
| 9/13/2018 18:50 | 679800 | 12.787 | 17.666 | 29.147 | 2086.612 | 2426.512 | 1.261 | 1.65 | 479.246 | 1 | 14.706 |
| 9/13/2018 18:55 | 680100 | 12.79 | 17.666 | 29.151 | 2086.539 | 2426.412 | 1.261 | 1.65 | 479.263 | 1 | 14.705 |
| 9/13/2018 19:00 | 680400 | 12.791 | 17.666 | 29.153 | 2087.303 | 2427.311 | 1.262 | 1.651 | 479.087 | 1 | 14.704 |
| 9/13/2018 19:05 | 680700 | 12.791 | 17.666 | 29.154 | 2086.854 | 2426.817 | 1.261 | 1.65 | 479.19 | 1 | 14.705 |
| 9/13/2018 19:10 | 681000 | 12.79 | 17.666 | 29.153 | 2086.59 | 2426.515 | 1.261 | 1.65 | 479.251 | 1 | 14.706 |
| 9/13/2018 19:15 | 681300 | 12.789 | 17.666 | 29.151 | 2086.946 | 2426.906 | 1.261 | 1.65 | 479.169 | 1 | 14.707 |
| 9/13/2018 19:20 | 681600 | 12.789 | 17.666 | 29.15 | 2087.143 | 2427.135 | 1.261 | 1.65 | 479.124 | 1 | 14.708 |
| 9/13/2018 19:25 | 681900 | 12.79 | 17.666 | 29.151 | 2086.982 | 2426.951 | 1.261 | 1.65 | 479.161 | 1 | 14.708 |
| 9/13/2018 19:30 | 682200 | 12.788 | 17.666 | 29.148 | 2087.119 | 2427.116 | 1.261 | 1.65 | 479.129 | 1 | 14.709 |
| 9/13/2018 19:35 | 682500 | 12.788 | 17.666 | 29.147 | 2087.455 | 2427.492 | 1.262 | 1.651 | 479.052 | 1 | 14.71 |
| 9/13/2018 19:40 | 682800 | 12.784 | 17.666 | 29.139 | 2087.108 | 2427.093 | 1.261 | 1.65 | 479.132 | 1 | 14.712 |
| 9/13/2018 19:45 | 683100 | 12.783 | 17.666 | 29.137 | 2086.611 | 2426.51 | 1.261 | 1.65 | 479.246 | 1 | 14.713 |
| 9/13/2018 19:50 | 683400 | 12.786 | 17.666 | 29.143 | 2086.638 | 2426.562 | 1.261 | 1.65 | 479.24 | 1 | 14.713 |
| 9/13/2018 19:55 | 683700 | 12.785 | 17.666 | 29.141 | 2086.554 | 2426.444 | 1.261 | 1.65 | 479.259 | 1 | 14.713 |
| 9/13/2018 20:00 | 684000 | 12.784 | 17.666 | 29.139 | 2087.099 | 2427.074 | 1.261 | 1.65 | 479.134 | 1 | 14.712 |
| 9/13/2018 20:05 | 684300 | 12.785 | 17.666 | 29.141 | 2087.14 | 2427.121 | 1.261 | 1.65 | 479.125 | 1 | 14.713 |
| 9/13/2018 20:10 | 684600 | 12.785 | 17.667 | 29.141 | 2087.315 | 2427.3 | 1.262 | 1.651 | 479.084 | 1 | 14.713 |
| 9/13/2018 20:15 | 684900 | 12.786 | 17.666 | 29.143 | 2086.804 | 2426.721 | 1.261 | 1.65 | 479.202 | 1 | 14.713 |
| 9/13/2018 20:20 | 685200 | 12.786 | 17.666 | 29.142 | 2087.482 | 2427.522 | 1.262 | 1.651 | 479.046 | 1 | 14.714 |
| 9/13/2018 20:25 | 685500 | 12.785 | 17.666 | 29.141 | 2086.666 | 2426.594 | 1.261 | 1.65 | 479.233 | 1 | 14.716 |
| 9/13/2018 20:30 | 685800 | 12.785 | 17.666 | 29.141 | 2086.88 | 2426.809 | 1.261 | 1.65 | 479.184 | 1 | 14.717 |
| 9/13/2018 20:35 | 686100 | 12.785 | 17.666 | 29.14 | 2086.783 | 2426.715 | 1.261 | 1.65 | 479.207 | 1 | 14.717 |
| 9/13/2018 20:40 | 686400 | 12.785 | 17.666 | 29.141 | 2086.734 | 2426.654 | 1.261 | 1.65 | 479.218 | 1 | 14.717 |
| 9/13/2018 20:45 | 686700 | 12.786 | 17.666 | 29.143 | 2087.199 | 2427.204 | 1.261 | 1.65 | 479.111 | 1 | 14.717 |
| 9/13/2018 20:50 | 687000 | 12.789 | 17.666 | 29.151 | 2087.59 | 2427.658 | 1.262 | 1.651 | 479.021 | 1 | 14.715 |
| 9/13/2018 20:55 | 687300 | 12.789 | 17.666 | 29.151 | 2087.224 | 2427.214 | 1.261 | 1.651 | 479.105 | 1 | 14.714 |
| 9/13/2018 21:00 | 687600 | 12.792 | 17.666 | 29.156 | 2087.628 | 2427.693 | 1.262 | 1.651 | 479.013 | 1 | 14.713 |
| 9/13/2018 21:05 | 687900 | 12.789 | 17.666 | 29.151 | 2087.556 | 2427.372 | 1.262 | 1.651 | 479.075 | 1 | 14.715 |
| 9/13/2018 21:10 | 688200 | 12.788 | 17.666 | 29.149 | 2087.402 | 2427.435 | 1.262 | 1.651 | 479.064 | 1 | 14.717 |
| 9/13/2018 21:15 | 688500 | 12.786 | 17.666 | 29.144 | 2086.762 | 2426.686 | 1.261 | 1.65 | 479.211 | 1 | 14.72 |
| 9/13/2018 21:20 | 688800 | 12.786 | 17.666 | 29.142 | 2086.977 | 2426.941 | 1.261 | 1.65 | 479.162 | 1 | 14.721 |
| 9/13/2018 21:25 | 689100 | 12.785 | 17.666 | 29.141 | 2086.843 | 2426.78 | 1.261 | 1.65 | 479.193 | 1 | 14.722 |
| 9/13/2018 21:30 | 689400 | 12.784 | 17.666 | 29.141 | 2086.772 | 2426.698 | 1.261 | 1.65 | 479.209 | 1 | 14.723 |
| 9/13/2018 21:35 | 689700 | 12.786 | 17.666 | 29.142 | 2087.451 | 2427.507 | 1.262 | 1.651 | 479.053 | 1 | 14.722 |
| 9/13/2018 21:40 | 690000 | 12.785 | 17.666 | 29.142 | 2087.289 | 2427.303 | 1.262 | 1.651 | 479.09 | 1 | 14.721 |
| 9/13/2018 21:45 | 690300 | 12.787 | 17.666 | 29.145 | 2086.849 | 2426.802 | 1.261 | 1.65 | 479.191 | 1 | 14.72 |
| 9/13/2018 21:50 | 690600 | 12.787 | 17.666 | 29.146 | 2086.973 | 2426.917 | 1.261 | 1.65 | 479.163 | 1 | 14.718 |
| 9/13/2018 21:55 | 690900 | 12.788 | 17.666 | 29.148 | 2087.767 | 2427.86 | 1.262 | 1.651 | 478.981 | 1 | 14.716 |
| 9/13/2018 22:00 | 691200 | 12.79 | 17.666 | 29.152 | 2087.539 | 2427.575 | 1.262 | 1.651 | 479.033 | 1 | 14.714 |
| 9/13/2018 22:05 | 691500 | 12.79 | 17.666 | 29.153 | 2087.32 | 2427.344 | 1.262 | 1.651 | 479.083 | 1 | 14.714 |
| 9/13/2018 22:10 | 691800 | 12.79 | 17.666 | 29.152 | 2087.821 | 2427.927 | 1.262 | 1.651 | 478.968 | 1 | 14.713 |
| 9/13/2018 22:15 | 692100 | 12.791 | 17.666 | 29.155 | 2087.401 | 2427.424 | 1.262 | 1.651 | 479.065 | 1 | 14.712 |
| 9/13/2018 22:20 | 692400 | 12.79 | 17.666 | 29.152 | 2087.139 | 2427.134 | 1.261 | 1.65 | 479.125 | 1 | 14.713 |
| 9/13/2018 22:25 | 692700 | 12.788 | 17.666 | 29.148 | 2087.625 | 2427.675 | 1.262 | 1.651 | 479.013 | 1 | 14.715 |
| 9/13/2018 22:30 | 693000 | 12.786 | 17.666 | 29.143 | 2087.21 | 2427.221 | 1.261 | 1.651 | 479.108 | 1 | 14.716 |
| 9/13/2018 22:35 | 693300 | 12.784 | 17.666 | 29.139 | 2087.375 | 2427.399 | 1.262 | 1.651 | 479.071 | 1 | 14.716 |
| 9/13/2018 22:40 | 693600 | 12.783 | 17.666 | 29.137 | 2087.652 | 2427.74 | 1.262 | 1.651 | 479.007 | 1 | 14.717 |
| 9/13/2018 22:45 | 693900 | 12.782 | 17.666 | 29.134 | 2087.201 | 2427.211 | 1.261 | 1.651 | 479.111 | 1 | 14.717 |
| 9/13/2018 22:50 | 694200 | 12.786 | 17.666 | 29.144 | 2088.037 | 2428.192 | 1.262 | 1.651 | 478.919 | 1 | 14.715 |
| 9/13/2018 22:55 | 694500 | 12.787 | 17.666 | 29.146 | 2087.455 | 2427.501 | 1.262 | 1.651 | 479.052 | 1 | 14.713 |
| 9/13/2018 23:00 | 694800 | 12.79 | 17.666 | 29.153 | 2087.837 | 2427.932 | 1.262 | 1.651 | 478.965 | 1 | 14.71 |
| 9/13/2018 23:05 | 695100 | 12.789 | 17.667 | 29.151 | 2088.137 | 2428.262 | 1.262 | 1.651 | 478.896 | 1 | 14.711 |
| 9/13/2018 23:10 | 695400 | 12.789 | 17.666 | 29.151 | 2087.743 | 2427.841 | 1.262 | 1.651 | 478.986 | 1 | 14.712 |
| 9/13/2018 23:15 | 695700 | 12.788 | 17.666 | 29.147 | 2087.815 | 2427.92 | 1.262 | 1.651 | 478.97 | 1 | 14.712 |
| 9/13/2018 23:20 | 696000 | 12.788 | 17.666 | 29.148 | 2087.599 | 2427.669 | 1.262 | 1.651 | 479.019 | 1 | 14.714 |
| 9/13/2018 23:25 | 696300 | 12.786 | 17.666 | 29.142 | 2087.645 | 2427.713 | 1.262 | 1.651 | 479.009 | 1 | 14.715 |
| 9/13/2018 23:30 | 696600 | 12.786 | 17.666 | 29.144 | 2087.564 | 2427.628 | 1.262 | 1.651 | 479.027 | 1 | 14.717 |
| 9/13/2018 23:35 | 696900 | 12.789 | 17.666 | 29.145 | 2087.383 | 2427.413 | 1.262 | 1.651 | 479.069 | 1 | 14.716 |
| 9/13/2018 23:40 | 697200 | 12.788 | 17.666 | 29.148 | 2088.075 | 2428.194 | 1.262 | 1.651 | 478.91 | 1 | 14.715 |
| 9/13/2018 23:45 | 697500 | 12.789 | 17.666 | 29.148 | 2087.538 | 2427.593 | 1.262 | 1.651 | 479.033 | 1 | 14.714 |
| 9/13/2018 23:50 | 697800 | 12.791 | 17.666 | 29.155 | 2088.061 | 2428.201 | 1.262 | 1.651 | 478.913 | 1 | 14.713 |
| 9/13/2018 23:55 | 698100 | 12.791 | 17.666 | 29.154 | 2088.241 | 2428.426 | 1.262 | 1.651 | 478.872 | 1 | 14.713 |
| 9/14/2018 0:00 | 698400 | 12.793 | 17.666 | 29.158 | 2087.524 | 2427.586 | 1.262 | 1.651 | 479.036 | 1 | 14.713 |
| 9/14/2018 0:05 | 698700 | 12.79 | 17.666 | 29.153 | 2087.423 | 2427.484 | 1.262 | 1.651 | 479.06 | 1 | 14.714 |
| 9/14/2018 0:10 | 699000 | 12.789 | 17.666 | 29.15 | 2087.658 | 2427.718 | 1.262 | 1.651 | 479.006 | 1 | 14.715 |
| 9/14/2018 0:15 | 699300 | 12.788 | 17.666 | 29.147 | 2087.508 | 2427.563 | 1.262 | 1.651 | 479.04 | 1 | 14.716 |
| 9/14/2018 0:20 | 699600 | 12.788 | 17.667 | 29.145 | 2087.966 | 2428.053 | 1.262 | 1.651 | 478.935 | 1 | 14.717 |
| 9/14/2018 0:25 | 699900 | 12.789 | 17.666 | 29.149 | 2087.559 | 2427.603 | 1.262 | 1.651 | 479.028 | 1 | 14.718 |
| 9/14/2018 0:30 | 700200 | 12.788 | 17.666 | 29.148 | 2087.419 | 2427.459 | 1.262 | 1.651 | 479.061 | 1 | 14.718 |
| 9/14/2018 0:35 | 700500 | 12.787 | 17.666 | 29.145 | 2088.055 | 2428.213 | 1.262 | 1.651 | 478.915 | 1 | 14.72 |
| 9/14/2018 0:40 | 700800 | 12.786 | 17.665 | 29.143 | 2087.644 | 2427.745 | 1.262 | 1.651 | 479.009 | 1 | 14.721 |
| 9/14/2018 0:45 | 701100 | 12.783 | 17.666 | 29.137 | 2087.951 | 2428.059 | 1.262 | 1.651 | 478.939 | 1 | 14.723 |
| 9/14/2018 0:50 | 701400 | 12.783 | 17.666 | 29.135 | 2087.854 | 2427.96 | 1.262 | 1.651 | 478.961 | 1 | 14.723 |
| 9/14/2018 0:55 | 701700 | 12.784 | 17.666 | 29.139 | 2088.342 | 2428.514 | 1.262 | 1.651 | 478.849 | 1 | 14.723 |
| 9/14/2018 1:00 | 702000 | 12.784 | 17.666 | 29.139 | 2087.936 | 2428.071 | 1.262 | 1.651 | 478.942 | 1 | 14.721 |
| 9/14/2018 1:05 | 702300 | 12.787 | 17.666 | | | | | | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/14/2018 10:20 | 735600 | 12.789 | 17.666 | 29.151 | 2092.648 | 2433.536 | 1.265 | 1.655 | 477.863 | 1 | 14.712 |
| 9/14/2018 10:25 | 735900 | 12.792 | 17.666 | 29.156 | 2093.34 | 2434.335 | 1.265 | 1.655 | 477.706 | 1 | 14.71 |
| 9/14/2018 10:30 | 736200 | 12.794 | 17.666 | 29.161 | 2092.569 | 2433.453 | 1.265 | 1.655 | 477.882 | 1 | 14.709 |
| 9/14/2018 10:35 | 736500 | 12.795 | 17.666 | 29.163 | 2092.347 | 2433.205 | 1.265 | 1.655 | 477.932 | 1 | 14.708 |
| 9/14/2018 10:40 | 736800 | 12.796 | 17.666 | 29.166 | 2092.352 | 2433.216 | 1.265 | 1.655 | 477.931 | 1 | 14.707 |
| 9/14/2018 10:45 | 737100 | 12.797 | 17.666 | 29.169 | 2093.248 | 2434.258 | 1.265 | 1.655 | 477.726 | 1 | 14.705 |
| 9/14/2018 10:50 | 737400 | 12.797 | 17.666 | 29.169 | 2092.534 | 2433.422 | 1.265 | 1.655 | 477.889 | 1 | 14.706 |
| 9/14/2018 10:55 | 737700 | 12.795 | 17.666 | 29.164 | 2092.674 | 2433.585 | 1.265 | 1.655 | 477.857 | 1 | 14.706 |
| 9/14/2018 11:00 | 738000 | 12.795 | 17.665 | 29.163 | 2092.722 | 2433.65 | 1.265 | 1.655 | 477.846 | 1 | 14.706 |
| 9/14/2018 11:05 | 738300 | 12.795 | 17.666 | 29.165 | 2092.788 | 2433.713 | 1.265 | 1.655 | 477.831 | 1 | 14.706 |
| 9/14/2018 11:10 | 738600 | 12.794 | 17.666 | 29.162 | 2092.755 | 2433.665 | 1.265 | 1.655 | 477.839 | 1 | 14.705 |
| 9/14/2018 11:15 | 738900 | 12.796 | 17.666 | 29.167 | 2092.337 | 2433.188 | 1.265 | 1.655 | 477.935 | 1 | 14.704 |
| 9/14/2018 11:20 | 739200 | 12.796 | 17.666 | 29.166 | 2092.27 | 2433.115 | 1.265 | 1.655 | 477.95 | 1 | 14.705 |
| 9/14/2018 11:25 | 739500 | 12.794 | 17.666 | 29.163 | 2091.953 | 2432.732 | 1.264 | 1.654 | 478.022 | 1 | 14.705 |
| 9/14/2018 11:30 | 739800 | 12.793 | 17.665 | 29.16 | 2092.318 | 2433.184 | 1.265 | 1.655 | 477.939 | 1 | 14.706 |
| 9/14/2018 11:35 | 740100 | 12.792 | 17.666 | 29.157 | 2091.991 | 2432.777 | 1.265 | 1.654 | 478.013 | 1 | 14.706 |
| 9/14/2018 11:40 | 740400 | 12.793 | 17.666 | 29.159 | 2091.65 | 2432.38 | 1.264 | 1.654 | 478.091 | 1 | 14.705 |
| 9/14/2018 11:45 | 740700 | 12.793 | 17.666 | 29.16 | 2091.646 | 2432.366 | 1.264 | 1.654 | 478.092 | 1 | 14.705 |
| 9/14/2018 11:50 | 741000 | 12.792 | 17.666 | 29.158 | 2091.434 | 2432.119 | 1.264 | 1.654 | 478.141 | 1 | 14.705 |
| 9/14/2018 11:55 | 741300 | 12.791 | 17.666 | 29.154 | 2091.848 | 2432.605 | 1.264 | 1.654 | 478.046 | 1 | 14.706 |
| 9/14/2018 12:00 | 741600 | 12.791 | 17.666 | 29.154 | 2091.655 | 2432.376 | 1.264 | 1.654 | 478.09 | 1 | 14.706 |
| 9/14/2018 12:05 | 741900 | 12.791 | 17.666 | 29.154 | 2091.551 | 2432.255 | 1.264 | 1.654 | 478.114 | 1 | 14.706 |
| 9/14/2018 12:10 | 742200 | 12.79 | 17.666 | 29.152 | 2091.63 | 2432.371 | 1.264 | 1.654 | 478.096 | 1 | 14.706 |
| 9/14/2018 12:15 | 742500 | 12.79 | 17.666 | 29.153 | 2091.16 | 2431.824 | 1.264 | 1.654 | 478.203 | 1 | 14.705 |
| 9/14/2018 12:20 | 742800 | 12.788 | 17.666 | 29.148 | 2091.698 | 2432.455 | 1.264 | 1.654 | 478.081 | 1 | 14.706 |
| 9/14/2018 12:25 | 743100 | 12.788 | 17.665 | 29.147 | 2091.417 | 2432.142 | 1.264 | 1.654 | 478.145 | 1 | 14.706 |
| 9/14/2018 12:30 | 743400 | 12.786 | 17.666 | 29.143 | 2090.881 | 2431.505 | 1.264 | 1.653 | 478.267 | 1 | 14.706 |
| 9/14/2018 12:35 | 743700 | 12.787 | 17.666 | 29.146 | 2091.329 | 2432.006 | 1.264 | 1.654 | 478.165 | 1 | 14.704 |
| 9/14/2018 12:40 | 744000 | 12.789 | 17.665 | 29.151 | 2090.764 | 2431.374 | 1.264 | 1.653 | 478.294 | 1 | 14.702 |
| 9/14/2018 12:45 | 744300 | 12.791 | 17.666 | 29.155 | 2090.865 | 2431.467 | 1.264 | 1.653 | 478.271 | 1 | 14.699 |
| 9/14/2018 12:50 | 744600 | 12.793 | 17.666 | 29.159 | 2090.721 | 2431.299 | 1.264 | 1.653 | 478.304 | 1 | 14.7 |
| 9/14/2018 12:55 | 744900 | 12.79 | 17.666 | 29.152 | 2090.948 | 2431.578 | 1.264 | 1.653 | 478.252 | 1 | 14.701 |
| 9/14/2018 13:00 | 745200 | 12.786 | 17.666 | 29.143 | 2090.673 | 2431.254 | 1.264 | 1.653 | 478.315 | 1 | 14.701 |
| 9/14/2018 13:05 | 745500 | 12.788 | 17.666 | 29.149 | 2090.523 | 2431.074 | 1.264 | 1.653 | 478.349 | 1 | 14.699 |
| 9/14/2018 13:10 | 745800 | 12.791 | 17.666 | 29.155 | 2090.595 | 2431.167 | 1.264 | 1.653 | 478.333 | 1 | 14.697 |
| 9/14/2018 13:15 | 746100 | 12.791 | 17.666 | 29.156 | 2090.805 | 2431.411 | 1.264 | 1.653 | 478.285 | 1 | 14.695 |
| 9/14/2018 13:20 | 746400 | 12.791 | 17.665 | 29.155 | 2090.573 | 2431.156 | 1.264 | 1.653 | 478.338 | 1 | 14.694 |
| 9/14/2018 13:25 | 746700 | 12.793 | 17.666 | 29.158 | 2091.148 | 2431.81 | 1.264 | 1.654 | 478.264 | 1 | 14.693 |
| 9/14/2018 13:30 | 747000 | 12.793 | 17.666 | 29.159 | 2090.885 | 2431.505 | 1.264 | 1.653 | 478.265 | 1 | 14.692 |
| 9/14/2018 13:35 | 747300 | 12.793 | 17.666 | 29.158 | 2090.576 | 2431.136 | 1.264 | 1.653 | 478.337 | 1 | 14.692 |
| 9/14/2018 13:40 | 747600 | 12.793 | 17.666 | 29.158 | 2090.126 | 2430.603 | 1.263 | 1.653 | 478.44 | 1 | 14.692 |
| 9/14/2018 13:45 | 747900 | 12.793 | 17.666 | 29.158 | 2090.307 | 2430.823 | 1.263 | 1.653 | 478.399 | 1 | 14.692 |
| 9/14/2018 13:50 | 748200 | 12.793 | 17.665 | 29.159 | 2090.36 | 2430.903 | 1.263 | 1.653 | 478.387 | 1 | 14.692 |
| 9/14/2018 13:55 | 748500 | 12.793 | 17.665 | 29.159 | 2090.055 | 2430.548 | 1.263 | 1.653 | 478.456 | 1 | 14.692 |
| 9/14/2018 14:00 | 748800 | 12.793 | 17.666 | 29.158 | 2089.932 | 2430.386 | 1.263 | 1.653 | 478.484 | 1 | 14.693 |
| 9/14/2018 14:05 | 749100 | 12.79 | 17.666 | 29.152 | 2090.16 | 2430.638 | 1.263 | 1.653 | 478.432 | 1 | 14.692 |
| 9/14/2018 14:10 | 749400 | 12.791 | 17.665 | 29.155 | 2090.167 | 2430.679 | 1.263 | 1.653 | 478.431 | 1 | 14.691 |
| 9/14/2018 14:15 | 749700 | 12.79 | 17.666 | 29.152 | 2090.081 | 2430.569 | 1.263 | 1.653 | 478.45 | 1 | 14.691 |
| 9/14/2018 14:20 | 750000 | 12.791 | 17.666 | 29.156 | 2090.25 | 2430.757 | 1.263 | 1.653 | 478.412 | 1 | 14.689 |
| 9/14/2018 14:25 | 750300 | 12.793 | 17.666 | 29.16 | 2089.777 | 2430.207 | 1.263 | 1.653 | 478.52 | 1 | 14.687 |
| 9/14/2018 14:30 | 750600 | 12.795 | 17.665 | 29.164 | 2089.518 | 2429.934 | 1.263 | 1.652 | 478.579 | 1 | 14.685 |
| 9/14/2018 14:35 | 750900 | 12.795 | 17.666 | 29.163 | 2089.456 | 2429.828 | 1.263 | 1.652 | 478.593 | 1 | 14.685 |
| 9/14/2018 14:40 | 751200 | 12.795 | 17.666 | 29.163 | 2090.072 | 2430.549 | 1.263 | 1.653 | 478.452 | 1 | 14.685 |
| 9/14/2018 14:45 | 751500 | 12.792 | 17.666 | 29.157 | 2089.616 | 2430.028 | 1.263 | 1.652 | 478.557 | 1 | 14.685 |
| 9/14/2018 14:50 | 751800 | 12.794 | 17.666 | 29.161 | 2089.409 | 2429.793 | 1.263 | 1.652 | 478.604 | 1 | 14.684 |
| 9/14/2018 14:55 | 752100 | 12.795 | 17.666 | 29.163 | 2089.442 | 2429.803 | 1.263 | 1.652 | 478.597 | 1 | 14.682 |
| 9/14/2018 15:00 | 752400 | 12.797 | 17.666 | 29.169 | 2089.061 | 2429.374 | 1.263 | 1.652 | 478.684 | 1 | 14.681 |
| 9/14/2018 15:05 | 752700 | 12.793 | 17.666 | 29.159 | 2088.977 | 2429.281 | 1.263 | 1.652 | 478.703 | 1 | 14.683 |
| 9/14/2018 15:10 | 753000 | 12.792 | 17.666 | 29.156 | 2088.947 | 2429.237 | 1.263 | 1.652 | 478.71 | 1 | 14.685 |
| 9/14/2018 15:15 | 753300 | 12.789 | 17.666 | 29.149 | 2089.635 | 2430.042 | 1.263 | 1.652 | 478.552 | 1 | 14.687 |
| 9/14/2018 15:20 | 753600 | 12.79 | 17.665 | 29.152 | 2088.822 | 2429.119 | 1.263 | 1.652 | 478.739 | 1 | 14.687 |
| 9/14/2018 15:25 | 753900 | 12.789 | 17.666 | 29.155 | 2089.026 | 2429.343 | 1.263 | 1.652 | 478.692 | 1 | 14.687 |
| 9/14/2018 15:30 | 754200 | 12.79 | 17.666 | 29.153 | 2088.625 | 2428.867 | 1.262 | 1.652 | 478.784 | 1 | 14.688 |
| 9/14/2018 15:35 | 754500 | 12.788 | 17.666 | 29.148 | 2089.113 | 2429.401 | 1.263 | 1.652 | 478.672 | 1 | 14.686 |
| 9/14/2018 15:40 | 754800 | 12.79 | 17.666 | 29.152 | 2089.236 | 2429.568 | 1.263 | 1.652 | 478.644 | 1 | 14.685 |
| 9/14/2018 15:45 | 755100 | 12.79 | 17.666 | 29.152 | 2088.919 | 2429.204 | 1.263 | 1.652 | 478.716 | 1 | 14.684 |
| 9/14/2018 15:50 | 755400 | 12.789 | 17.666 | 29.149 | 2088.451 | 2428.679 | 1.262 | 1.652 | 478.824 | 1 | 14.684 |
| 9/14/2018 15:55 | 755700 | 12.788 | 17.666 | 29.147 | 2089.315 | 2429.684 | 1.263 | 1.652 | 478.626 | 1 | 14.683 |
| 9/14/2018 16:00 | 756000 | 12.789 | 17.666 | 29.15 | 2088.251 | 2428.447 | 1.262 | 1.651 | 478.87 | 1 | 14.683 |
| 9/14/2018 16:05 | 756300 | 12.788 | 17.666 | 29.148 | 2088.34 | 2428.544 | 1.262 | 1.651 | 478.849 | 1 | 14.682 |
| 9/14/2018 16:10 | 756600 | 12.789 | 17.666 | 29.151 | 2088.499 | 2428.719 | 1.262 | 1.652 | 478.813 | 1 | 14.681 |
| 9/14/2018 16:15 | 756900 | 12.79 | 17.666 | 29.153 | 2088.284 | 2428.485 | 1.262 | 1.651 | 478.862 | 1 | 14.681 |
| 9/14/2018 16:20 | 757200 | 12.791 | 17.666 | 29.154 | 2088.761 | 2429.016 | 1.262 | 1.652 | 478.753 | 1 | 14.68 |
| 9/14/2018 16:25 | 757500 | 12.791 | 17.666 | 29.155 | 2088.789 | 2429.057 | 1.262 | 1.652 | 478.746 | 1 | 14.68 |
| 9/14/2018 16:30 | 757800 | 12.792 | 17.665 | 29.158 | 2088.744 | 2429.028 | 1.262 | 1.652 | 478.757 | 1 | 14.679 |
| 9/14/2018 16:35 | 758100 | 12.792 | 17.666 | 29.156 | 2088.246 | 2428.548 | 1.262 | 1.651 | 478.848 | 1 | 14.679 |
| 9/14/2018 16:40 | 758400 | 12.793 | 17.666 | 29.159 | 2088.099 | 2428.152 | 1.262 | 1.652 | 478.767 | 1 | 14.678 |
| 9/14/2018 16:45 | 758700 | 12.792 | 17.666 | 29.157 | 2087.73 | 2427.831 | 1.262 | 1.651 | 478.989 | 1 | 14.678 |
| 9/14/2018 16:50 | 759000 | 12.791 | 17.666 | 29.156 | 2087.583 | 2427.655 | 1.262 | 1.651 | 479.023 | 1 | 14.677 |
| 9/14/2018 16:55 | 759300 | 12.793 | 17.666 | 29.158 | 2088.052 | 2428.196 | 1.262 | 1.651 | 479.915 | 1 | 14.676 |
| 9/14/2018 17:00 | 759600 | 12.793 | 17.666 | 29.159 | 2087.877 | 2427.988 | 1.262 | 1.651 | 479.955 | 1 | 14.675 |
| 9/14/2018 17:05 | 759900 | 12.791 | 17.666 | 29.156 | 2087.675 | 2427.762 | 1.262 | 1.651 | 479.002 | 1 | 14.676 |
| 9/14/2018 17:10 | 760200 | 12.789 | 17.666 | 29.151 | 2087.592 | 2427.661 | 1.262 | 1.651 | 479.021 | 1 | 14.677 |
| 9/14/2018 17:15 | 760500 | 12.785 | 17.666 | 29.141 | 2087.887 | 2428.004 | 1.262 | 1.651 | 479.953 | 1 | 14.678 |
| 9/14/2018 17:20 | 760800 | 12.789 | 17.666 | 29.151 | 2087.92 | 2428.033 | 1.262 | 1.651 | 478.945 | 1 | 14.676 |
| 9/14/2018 17:25 | 761100 | 12.788 | 17.666 | 29.148 | 2087.325 | 2427.35 | 1.262 | 1.651 | 479.083 | 1 | 14.674 |
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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/15/2018 2:45 | 794700 | 12.8 | 17.666 | 29.175 | 2088.315 | 2428.473 | 1.262 | 1.651 | 478.855 | 1 | 14.668 |
| 9/15/2018 2:50 | 795000 | 12.798 | 17.666 | 29.17 | 2088.675 | 2428.892 | 1.262 | 1.652 | 478.772 | 1 | 14.67 |
| 9/15/2018 2:55 | 795300 | 12.798 | 17.667 | 29.171 | 2089.192 | 2429.489 | 1.263 | 1.652 | 478.654 | 1 | 14.671 |
| 9/15/2018 3:00 | 795600 | 12.796 | 17.667 | 29.167 | 2089.339 | 2429.641 | 1.263 | 1.652 | 478.62 | 1 | 14.673 |
| 9/15/2018 3:05 | 795900 | 12.797 | 17.666 | 29.169 | 2089.036 | 2429.321 | 1.263 | 1.652 | 478.69 | 1 | 14.672 |
| 9/15/2018 3:10 | 796200 | 12.798 | 17.666 | 29.17 | 2089.936 | 2430.382 | 1.263 | 1.653 | 478.484 | 1 | 14.672 |
| 9/15/2018 3:15 | 796500 | 12.798 | 17.666 | 29.171 | 2089.657 | 2430.038 | 1.263 | 1.652 | 478.547 | 1 | 14.671 |
| 9/15/2018 3:20 | 796800 | 12.801 | 17.666 | 29.178 | 2090.459 | 2430.971 | 1.264 | 1.653 | 478.364 | 1 | 14.673 |
| 9/15/2018 3:25 | 797100 | 12.798 | 17.666 | 29.171 | 2090.423 | 2430.934 | 1.264 | 1.653 | 478.372 | 1 | 14.674 |
| 9/15/2018 3:30 | 797400 | 12.797 | 17.667 | 29.169 | 2090.288 | 2430.754 | 1.263 | 1.653 | 478.403 | 1 | 14.676 |
| 9/15/2018 3:35 | 797700 | 12.8 | 17.666 | 29.175 | 2091.065 | 2431.681 | 1.264 | 1.654 | 478.225 | 1 | 14.674 |
| 9/15/2018 3:40 | 798000 | 12.804 | 17.666 | 29.183 | 2090.216 | 2430.693 | 1.263 | 1.653 | 478.419 | 1 | 14.671 |
| 9/15/2018 3:45 | 798300 | 12.806 | 17.666 | 29.19 | 2090.561 | 2431.085 | 1.264 | 1.653 | 478.34 | 1 | 14.669 |
| 9/15/2018 3:50 | 798600 | 12.802 | 17.666 | 29.18 | 2091.325 | 2432.002 | 1.264 | 1.654 | 478.166 | 1 | 14.674 |
| 9/15/2018 3:55 | 798900 | 12.798 | 17.667 | 29.17 | 2091.601 | 2432.28 | 1.264 | 1.654 | 478.103 | 1 | 14.678 |
| 9/15/2018 4:00 | 799200 | 12.795 | 17.666 | 29.163 | 2091.244 | 2431.879 | 1.264 | 1.654 | 478.184 | 1 | 14.682 |
| 9/15/2018 4:05 | 799500 | 12.797 | 17.667 | 29.168 | 2091.775 | 2432.487 | 1.264 | 1.654 | 478.063 | 1 | 14.68 |
| 9/15/2018 4:10 | 799800 | 12.8 | 17.666 | 29.176 | 2091.235 | 2431.874 | 1.264 | 1.654 | 478.186 | 1 | 14.678 |
| 9/15/2018 4:15 | 800100 | 12.803 | 17.666 | 29.182 | 2091.683 | 2432.404 | 1.264 | 1.654 | 478.084 | 1 | 14.676 |
| 9/15/2018 4:20 | 800400 | 12.803 | 17.666 | 29.182 | 2091.554 | 2432.245 | 1.264 | 1.654 | 478.113 | 1 | 14.677 |
| 9/15/2018 4:25 | 800700 | 12.802 | 17.666 | 29.179 | 2091.581 | 2432.281 | 1.264 | 1.654 | 478.107 | 1 | 14.678 |
| 9/15/2018 4:30 | 801000 | 12.802 | 17.667 | 29.18 | 2092.54 | 2433.372 | 1.265 | 1.655 | 477.888 | 1 | 14.68 |
| 9/15/2018 4:35 | 801300 | 12.802 | 17.666 | 29.179 | 2092.201 | 2433.002 | 1.265 | 1.654 | 477.965 | 1 | 14.68 |
| 9/15/2018 4:40 | 801600 | 12.803 | 17.666 | 29.182 | 2092.169 | 2432.96 | 1.265 | 1.654 | 477.973 | 1 | 14.681 |
| 9/15/2018 4:45 | 801900 | 12.801 | 17.667 | 29.178 | 2092.223 | 2433.008 | 1.265 | 1.654 | 477.961 | 1 | 14.681 |
| 9/15/2018 4:50 | 802200 | 12.803 | 17.666 | 29.182 | 2092.636 | 2433.498 | 1.265 | 1.655 | 477.866 | 1 | 14.682 |
| 9/15/2018 4:55 | 802500 | 12.802 | 17.666 | 29.181 | 2092.246 | 2433.059 | 1.265 | 1.654 | 477.955 | 1 | 14.683 |
| 9/15/2018 5:00 | 802800 | 12.802 | 17.666 | 29.179 | 2092.314 | 2433.129 | 1.265 | 1.655 | 477.94 | 1 | 14.684 |
| 9/15/2018 5:05 | 803100 | 12.803 | 17.666 | 29.182 | 2092.857 | 2433.755 | 1.265 | 1.655 | 477.816 | 1 | 14.684 |
| 9/15/2018 5:10 | 803400 | 12.803 | 17.666 | 29.183 | 2092.724 | 2433.619 | 1.265 | 1.655 | 477.846 | 1 | 14.685 |
| 9/15/2018 5:15 | 803700 | 12.802 | 17.666 | 29.18 | 2093.412 | 2434.419 | 1.265 | 1.655 | 477.689 | 1 | 14.685 |
| 9/15/2018 5:20 | 804000 | 12.803 | 17.667 | 29.183 | 2093.052 | 2433.963 | 1.265 | 1.655 | 477.771 | 1 | 14.685 |
| 9/15/2018 5:25 | 804300 | 12.806 | 17.666 | 29.188 | 2093.463 | 2434.474 | 1.265 | 1.655 | 477.777 | 1 | 14.686 |
| 9/15/2018 5:30 | 804600 | 12.805 | 17.666 | 29.188 | 2093.168 | 2434.131 | 1.265 | 1.655 | 477.745 | 1 | 14.686 |
| 9/15/2018 5:35 | 804900 | 12.806 | 17.666 | 29.188 | 2093.974 | 2435.063 | 1.266 | 1.656 | 477.561 | 1 | 14.685 |
| 9/15/2018 5:40 | 805200 | 12.806 | 17.666 | 29.189 | 2093.737 | 2434.788 | 1.266 | 1.656 | 477.615 | 1 | 14.684 |
| 9/15/2018 5:45 | 805500 | 12.809 | 17.666 | 29.195 | 2093.523 | 2434.535 | 1.265 | 1.655 | 477.664 | 1 | 14.684 |
| 9/15/2018 5:50 | 805800 | 12.807 | 17.666 | 29.192 | 2094.138 | 2435.254 | 1.266 | 1.656 | 477.523 | 1 | 14.684 |
| 9/15/2018 5:55 | 806100 | 12.809 | 17.666 | 29.196 | 2094.414 | 2435.581 | 1.266 | 1.655 | 477.465 | 1 | 14.685 |
| 9/15/2018 6:00 | 806400 | 12.811 | 17.666 | 29.2 | 2094.007 | 2435.111 | 1.266 | 1.656 | 477.553 | 1 | 14.686 |
| 9/15/2018 6:05 | 806700 | 12.807 | 17.666 | 29.191 | 2093.788 | 2434.871 | 1.266 | 1.656 | 477.603 | 1 | 14.687 |
| 9/15/2018 6:10 | 807000 | 12.807 | 17.667 | 29.191 | 2094.291 | 2435.412 | 1.266 | 1.656 | 477.489 | 1 | 14.688 |
| 9/15/2018 6:15 | 807300 | 12.807 | 17.666 | 29.19 | 2094.338 | 2435.483 | 1.266 | 1.656 | 477.478 | 1 | 14.69 |
| 9/15/2018 6:20 | 807600 | 12.808 | 17.666 | 29.194 | 2094.709 | 2435.918 | 1.266 | 1.656 | 477.393 | 1 | 14.688 |
| 9/15/2018 6:25 | 807900 | 12.811 | 17.666 | 29.201 | 2094.591 | 2435.786 | 1.266 | 1.656 | 477.42 | 1 | 14.686 |
| 9/15/2018 6:30 | 808200 | 12.814 | 17.666 | 29.207 | 2094.54 | 2435.717 | 1.266 | 1.656 | 477.432 | 1 | 14.685 |
| 9/15/2018 6:35 | 808500 | 12.812 | 17.666 | 29.203 | 2094.374 | 2435.528 | 1.266 | 1.656 | 477.47 | 1 | 14.688 |
| 9/15/2018 6:40 | 808800 | 12.808 | 17.666 | 29.194 | 2094.314 | 2435.492 | 1.266 | 1.656 | 477.483 | 1 | 14.691 |
| 9/15/2018 6:45 | 809100 | 12.808 | 17.666 | 29.193 | 2095.312 | 2436.615 | 1.267 | 1.657 | 477.256 | 1 | 14.694 |
| 9/15/2018 6:50 | 809400 | 12.809 | 17.666 | 29.196 | 2095.231 | 2436.521 | 1.267 | 1.657 | 477.274 | 1 | 14.695 |
| 9/15/2018 6:55 | 809700 | 12.811 | 17.666 | 29.201 | 2094.631 | 2435.837 | 1.266 | 1.656 | 477.411 | 1 | 14.695 |
| 9/15/2018 7:00 | 810000 | 12.812 | 17.666 | 29.202 | 2094.831 | 2436.075 | 1.266 | 1.657 | 477.365 | 1 | 14.696 |
| 9/15/2018 7:05 | 810300 | 12.81 | 17.666 | 29.199 | 2094.842 | 2436.072 | 1.266 | 1.657 | 477.363 | 1 | 14.697 |
| 9/15/2018 7:10 | 810600 | 12.81 | 17.667 | 29.199 | 2095.521 | 2436.849 | 1.267 | 1.657 | 477.208 | 1 | 14.699 |
| 9/15/2018 7:15 | 810900 | 12.811 | 17.666 | 29.201 | 2095.184 | 2436.485 | 1.267 | 1.657 | 477.285 | 1 | 14.701 |
| 9/15/2018 7:20 | 811200 | 12.809 | 17.666 | 29.197 | 2095.482 | 2436.832 | 1.267 | 1.657 | 477.217 | 1 | 14.702 |
| 9/15/2018 7:25 | 811500 | 12.81 | 17.666 | 29.198 | 2095.196 | 2436.485 | 1.267 | 1.657 | 477.282 | 1 | 14.703 |
| 9/15/2018 7:30 | 811800 | 12.815 | 17.666 | 29.2 | 2095.524 | 2436.666 | 1.267 | 1.658 | 477.208 | 1 | 14.704 |
| 9/15/2018 7:35 | 812100 | 12.812 | 17.667 | 29.203 | 2095.434 | 2436.742 | 1.267 | 1.657 | 477.228 | 1 | 14.706 |
| 9/15/2018 7:40 | 812400 | 12.811 | 17.666 | 29.2 | 2095.552 | 2436.917 | 1.267 | 1.657 | 477.201 | 1 | 14.707 |
| 9/15/2018 7:45 | 812700 | 12.812 | 17.666 | 29.202 | 2095.537 | 2436.876 | 1.267 | 1.657 | 477.205 | 1 | 14.708 |
| 9/15/2018 7:50 | 813000 | 12.811 | 17.666 | 29.2 | 2095.557 | 2436.904 | 1.267 | 1.657 | 477.2 | 1 | 14.709 |
| 9/15/2018 7:55 | 813300 | 12.812 | 17.666 | 29.202 | 2096.129 | 2437.574 | 1.267 | 1.658 | 477.07 | 1 | 14.71 |
| 9/15/2018 8:00 | 813600 | 12.814 | 17.666 | 29.206 | 2096.143 | 2437.595 | 1.267 | 1.658 | 477.067 | 1 | 14.711 |
| 9/15/2018 8:05 | 813900 | 12.813 | 17.666 | 29.206 | 2096.498 | 2437.993 | 1.267 | 1.658 | 476.986 | 1 | 14.711 |
| 9/15/2018 8:10 | 814200 | 12.816 | 17.666 | 29.211 | 2095.762 | 2437.138 | 1.267 | 1.657 | 477.153 | 1 | 14.711 |
| 9/15/2018 8:15 | 814500 | 12.816 | 17.666 | 29.212 | 2096.184 | 2437.652 | 1.267 | 1.657 | 477.057 | 1 | 14.711 |
| 9/15/2018 8:20 | 814800 | 12.814 | 17.666 | 29.208 | 2095.978 | 2437.384 | 1.267 | 1.657 | 477.104 | 1 | 14.713 |
| 9/15/2018 8:25 | 815100 | 12.815 | 17.666 | 29.209 | 2096.098 | 2437.543 | 1.267 | 1.658 | 477.077 | 1 | 14.714 |
| 9/15/2018 8:30 | 815400 | 12.814 | 17.666 | 29.206 | 2096.548 | 2438.047 | 1.267 | 1.658 | 476.975 | 1 | 14.716 |
| 9/15/2018 8:35 | 815700 | 12.815 | 17.666 | 29.21 | 2096.746 | 2438.306 | 1.268 | 1.658 | 476.929 | 1 | 14.715 |
| 9/15/2018 8:40 | 816000 | 12.815 | 17.666 | 29.21 | 2096.229 | 2437.7 | 1.267 | 1.658 | 477.047 | 1 | 14.714 |
| 9/15/2018 8:45 | 816300 | 12.818 | 17.666 | 29.215 | 2096.359 | 2437.832 | 1.267 | 1.658 | 477.018 | 1 | 14.713 |
| 9/15/2018 8:50 | 816600 | 12.816 | 17.666 | 29.212 | 2096.472 | 2437.997 | 1.267 | 1.658 | 476.992 | 1 | 14.715 |
| 9/15/2018 8:55 | 816900 | 12.816 | 17.666 | 29.212 | 2097.306 | 2438.953 | 1.268 | 1.658 | 476.802 | 1 | 14.716 |
| 9/15/2018 9:00 | 817200 | 12.815 | 17.666 | 29.209 | 2096.611 | 2438.12 | 1.267 | 1.658 | 476.96 | 1 | 14.718 |
| 9/15/2018 9:05 | 817500 | 12.816 | 17.666 | 29.211 | 2096.493 | 2437.942 | 1.267 | 1.658 | 477.001 | 1 | 14.715 |
| 9/15/2018 9:10 | 817800 | 12.818 | 17.666 | 29.217 | 2096.784 | 2438.341 | 1.268 | 1.658 | 476.921 | 1 | 14.713 |
| 9/15/2018 9:15 | 818100 | 12.821 | 17.666 | 29.224 | 2097.017 | 2438.621 | 1.268 | 1.658 | 476.868 | 1 | 14.711 |
| 9/15/2018 9:20 | 818400 | 12.822 | 17.666 | 29.225 | 2097.497 | 2439.175 | 1.268 | 1.659 | 476.759 | 1 | 14.712 |
| 9/15/2018 9:25 | 818700 | 12.819 | 17.666 | 29.218 | 2096.769 | 2438.304 | 1.268 | 1.658 | 476.924 | 1 | 14.713 |
| 9/15/2018 9:30 | 819000 | 12.818 | 17.666 | 29.217 | 2097.342 | 2438.999 | 1.268 | 1.659 | 476.794 | 1 | 14.715 |
| 9/15/2018 9:35 | 819300 | 12.819 | 17.666 | 29.218 | 2096.981 | 2438.566 | 1.268 | 1.658 | 476.876 | 1 | 14.716 |
| 9/15/2018 9:40 | 819600 | 12.821 | 17.666 | 29.224 | 2097.228 | 2438.857 | 1.268 | 1.658 | 476.82 | 1 | 14.717 |
| 9/15/2018 9:45 | 819900 | 12.823 | 17.666 | 29.227 | 2097.483 | 2439.144 | 1.268 | 1.659 | 476.762 | 1 | 14.717 |
| 9/15/2018 9:50 | 820200 | 12.821 | 17.666 | 29.223 | 2097.678 | 2439.351 | 1.267 | 1.659 | 476.718 | 1 | 14.719 |
| 9/15/2018 9:55 | 820500 | 12.819 | 17.666 | 29.219 | 2097.466 | 2439.148 | 1.268 | 1.659 | 476.766 | 1 | 14.72 |
| 9/15/2018 10:00 | 820800 | 12.818 | 17.666 | | | | | | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/15/2018 19:10 | 853800 | 12.841 | 17.666 | 29.269 | 2114.694 | 2459.187 | 1.279 | 1.672 | 472.882 | 1 | 14.69 |
| 9/15/2018 19:15 | 854100 | 12.841 | 17.666 | 29.269 | 2114.617 | 2459.088 | 1.279 | 1.672 | 472.899 | 1 | 14.692 |
| 9/15/2018 19:20 | 854400 | 12.844 | 17.666 | 29.276 | 2114.292 | 2458.709 | 1.279 | 1.672 | 472.972 | 1 | 14.691 |
| 9/15/2018 19:25 | 854700 | 12.847 | 17.666 | 29.283 | 2114.404 | 2458.85 | 1.279 | 1.672 | 472.947 | 1 | 14.689 |
| 9/15/2018 19:30 | 855000 | 12.855 | 17.666 | 29.301 | 2114.579 | 2459.044 | 1.279 | 1.672 | 472.907 | 1 | 14.687 |
| 9/15/2018 19:35 | 855300 | 12.85 | 17.666 | 29.29 | 2114.924 | 2459.45 | 1.279 | 1.672 | 472.83 | 1 | 14.692 |
| 9/15/2018 19:40 | 855600 | 12.847 | 17.666 | 29.283 | 2115.118 | 2459.647 | 1.279 | 1.673 | 472.787 | 1 | 14.696 |
| 9/15/2018 19:45 | 855900 | 12.842 | 17.666 | 29.272 | 2114.849 | 2459.368 | 1.279 | 1.672 | 472.847 | 1 | 14.7 |
| 9/15/2018 19:50 | 856200 | 12.843 | 17.666 | 29.273 | 2114.329 | 2458.753 | 1.279 | 1.672 | 472.963 | 1 | 14.71 |
| 9/15/2018 19:55 | 856500 | 12.844 | 17.666 | 29.275 | 2114.797 | 2458.298 | 1.279 | 1.672 | 472.859 | 1 | 14.701 |
| 9/15/2018 20:00 | 856800 | 12.844 | 17.666 | 29.275 | 2114.947 | 2459.477 | 1.279 | 1.672 | 472.825 | 1 | 14.701 |
| 9/15/2018 20:05 | 857100 | 12.844 | 17.666 | 29.275 | 2115.034 | 2459.553 | 1.279 | 1.672 | 472.806 | 1 | 14.701 |
| 9/15/2018 20:10 | 857400 | 12.846 | 17.666 | 29.279 | 2114.53 | 2458.968 | 1.279 | 1.672 | 472.918 | 1 | 14.7 |
| 9/15/2018 20:15 | 857700 | 12.848 | 17.666 | 29.284 | 2114.65 | 2459.122 | 1.279 | 1.672 | 472.892 | 1 | 14.7 |
| 9/15/2018 20:20 | 858000 | 12.848 | 17.666 | 29.286 | 2114.526 | 2458.978 | 1.279 | 1.672 | 472.919 | 1 | 14.7 |
| 9/15/2018 20:25 | 858300 | 12.85 | 17.666 | 29.288 | 2114.379 | 2458.812 | 1.279 | 1.672 | 472.952 | 1 | 14.699 |
| 9/15/2018 20:30 | 858600 | 12.852 | 17.666 | 29.293 | 2115.064 | 2459.599 | 1.279 | 1.673 | 472.799 | 1 | 14.698 |
| 9/15/2018 20:35 | 858900 | 12.851 | 17.666 | 29.291 | 2114.347 | 2458.789 | 1.279 | 1.672 | 472.959 | 1 | 14.699 |
| 9/15/2018 20:40 | 859200 | 12.851 | 17.666 | 29.292 | 2114.398 | 2458.82 | 1.279 | 1.672 | 472.948 | 1 | 14.699 |
| 9/15/2018 20:45 | 859500 | 12.851 | 17.666 | 29.292 | 2115.002 | 2459.541 | 1.279 | 1.672 | 472.813 | 1 | 14.7 |
| 9/15/2018 20:50 | 859800 | 12.851 | 17.666 | 29.291 | 2114.493 | 2458.958 | 1.279 | 1.672 | 472.927 | 1 | 14.702 |
| 9/15/2018 20:55 | 860100 | 12.85 | 17.666 | 29.289 | 2114.373 | 2458.815 | 1.279 | 1.672 | 472.953 | 1 | 14.704 |
| 9/15/2018 21:00 | 860400 | 12.846 | 17.666 | 29.28 | 2114.528 | 2458.994 | 1.279 | 1.672 | 472.919 | 1 | 14.706 |
| 9/15/2018 21:05 | 860700 | 12.847 | 17.667 | 29.282 | 2114.167 | 2458.531 | 1.279 | 1.672 | 473 | 1 | 14.706 |
| 9/15/2018 21:10 | 861000 | 12.849 | 17.666 | 29.287 | 2114.25 | 2458.68 | 1.279 | 1.672 | 472.981 | 1 | 14.705 |
| 9/15/2018 21:15 | 861300 | 12.85 | 17.666 | 29.288 | 2115.037 | 2459.596 | 1.279 | 1.673 | 472.805 | 1 | 14.704 |
| 9/15/2018 21:20 | 861600 | 12.849 | 17.666 | 29.286 | 2114.47 | 2458.937 | 1.279 | 1.672 | 472.932 | 1 | 14.705 |
| 9/15/2018 21:25 | 861900 | 12.846 | 17.666 | 29.281 | 2114.984 | 2459.534 | 1.279 | 1.672 | 472.817 | 1 | 14.706 |
| 9/15/2018 21:30 | 862200 | 12.845 | 17.666 | 29.278 | 2114.718 | 2459.216 | 1.279 | 1.672 | 472.876 | 1 | 14.708 |
| 9/15/2018 21:35 | 862500 | 12.847 | 17.666 | 29.283 | 2115.026 | 2459.583 | 1.279 | 1.673 | 472.807 | 1 | 14.707 |
| 9/15/2018 21:40 | 862800 | 12.845 | 17.666 | 29.278 | 2114.088 | 2458.487 | 1.279 | 1.672 | 473.017 | 1 | 14.706 |
| 9/15/2018 21:45 | 863100 | 12.845 | 17.666 | 29.279 | 2114.594 | 2459.071 | 1.279 | 1.672 | 472.904 | 1 | 14.706 |
| 9/15/2018 21:50 | 863400 | 12.847 | 17.665 | 29.283 | 2115.017 | 2459.586 | 1.279 | 1.673 | 472.81 | 1 | 14.704 |
| 9/15/2018 21:55 | 863700 | 12.85 | 17.666 | 29.29 | 2114.976 | 2459.505 | 1.279 | 1.672 | 472.819 | 1 | 14.702 |
| 9/15/2018 22:00 | 864000 | 12.851 | 17.666 | 29.292 | 2114.745 | 2459.247 | 1.279 | 1.672 | 472.87 | 1 | 14.701 |
| 9/15/2018 22:05 | 864300 | 12.851 | 17.666 | 29.292 | 2114.885 | 2459.41 | 1.279 | 1.672 | 472.839 | 1 | 14.703 |
| 9/15/2018 22:10 | 864600 | 12.851 | 17.665 | 29.291 | 2114.127 | 2458.708 | 1.279 | 1.672 | 472.977 | 1 | 14.705 |
| 9/15/2018 22:15 | 864900 | 12.848 | 17.666 | 29.284 | 2114.659 | 2458.9 | 1.279 | 1.672 | 472.934 | 1 | 14.707 |
| 9/15/2018 22:20 | 865200 | 12.847 | 17.666 | 29.283 | 2114.491 | 2458.952 | 1.279 | 1.672 | 472.927 | 1 | 14.708 |
| 9/15/2018 22:25 | 865500 | 12.846 | 17.666 | 29.279 | 2114.794 | 2459.299 | 1.279 | 1.672 | 472.859 | 1 | 14.71 |
| 9/15/2018 22:30 | 865800 | 12.846 | 17.666 | 29.28 | 2114.785 | 2459.294 | 1.279 | 1.672 | 472.861 | 1 | 14.712 |
| 9/15/2018 22:35 | 866100 | 12.851 | 17.666 | 29.29 | 2114.207 | 2458.625 | 1.279 | 1.672 | 472.991 | 1 | 14.709 |
| 9/15/2018 22:40 | 866400 | 12.853 | 17.666 | 29.296 | 2114.042 | 2458.42 | 1.279 | 1.672 | 473.027 | 1 | 14.706 |
| 9/15/2018 22:45 | 866700 | 12.856 | 17.666 | 29.302 | 2114.18 | 2458.6 | 1.279 | 1.672 | 472.997 | 1 | 14.703 |
| 9/15/2018 22:50 | 867000 | 12.855 | 17.666 | 29.3 | 2114.733 | 2459.233 | 1.279 | 1.672 | 472.873 | 1 | 14.704 |
| 9/15/2018 22:55 | 867300 | 12.855 | 17.666 | 29.301 | 2114.109 | 2458.507 | 1.279 | 1.672 | 473.013 | 1 | 14.706 |
| 9/15/2018 23:00 | 867600 | 12.854 | 17.666 | 29.299 | 2114.329 | 2458.758 | 1.279 | 1.672 | 472.963 | 1 | 14.707 |
| 9/15/2018 23:05 | 867900 | 12.853 | 17.666 | 29.295 | 2114.656 | 2459.12 | 1.279 | 1.672 | 472.859 | 1 | 14.709 |
| 9/15/2018 23:10 | 868200 | 12.851 | 17.666 | 29.29 | 2114.502 | 2458.965 | 1.279 | 1.672 | 472.925 | 1 | 14.712 |
| 9/15/2018 23:15 | 868500 | 12.848 | 17.666 | 29.284 | 2114.887 | 2459.402 | 1.279 | 1.672 | 472.839 | 1 | 14.715 |
| 9/15/2018 23:20 | 868800 | 12.849 | 17.666 | 29.287 | 2114.568 | 2459.041 | 1.279 | 1.672 | 472.91 | 1 | 14.713 |
| 9/15/2018 23:25 | 869100 | 12.851 | 17.666 | 29.292 | 2114.355 | 2458.789 | 1.279 | 1.672 | 472.957 | 1 | 14.712 |
| 9/15/2018 23:30 | 869400 | 12.853 | 17.666 | 29.297 | 2114.007 | 2458.375 | 1.279 | 1.672 | 473.035 | 1 | 14.711 |
| 9/15/2018 23:35 | 869700 | 12.854 | 17.666 | 29.297 | 2114.401 | 2458.842 | 1.279 | 1.672 | 472.947 | 1 | 14.712 |
| 9/15/2018 23:40 | 870000 | 12.853 | 17.666 | 29.296 | 2113.869 | 2458.228 | 1.278 | 1.672 | 473.066 | 1 | 14.712 |
| 9/15/2018 23:45 | 870300 | 12.852 | 17.666 | 29.294 | 2114.005 | 2458.391 | 1.279 | 1.672 | 473.036 | 1 | 14.713 |
| 9/15/2018 23:50 | 870600 | 12.853 | 17.666 | 29.296 | 2114.187 | 2458.583 | 1.279 | 1.672 | 472.995 | 1 | 14.713 |
| 9/15/2018 23:55 | 870900 | 12.854 | 17.666 | 29.298 | 2114.145 | 2458.549 | 1.279 | 1.671 | 473.004 | 1 | 14.713 |
| 9/16/2018 0:00 | 871200 | 12.854 | 17.666 | 29.299 | 2114.038 | 2458.42 | 1.279 | 1.672 | 473.028 | 1 | 14.713 |
| 9/16/2018 0:05 | 871500 | 12.854 | 17.666 | 29.298 | 2114.338 | 2458.764 | 1.279 | 1.672 | 472.961 | 1 | 14.713 |
| 9/16/2018 0:10 | 871800 | 12.854 | 17.666 | 29.299 | 2114.494 | 2458.95 | 1.279 | 1.672 | 472.926 | 1 | 14.713 |
| 9/16/2018 0:15 | 872100 | 12.854 | 17.666 | 29.298 | 2113.849 | 2458.209 | 1.278 | 1.672 | 473.071 | 1 | 14.713 |
| 9/16/2018 0:20 | 872400 | 12.853 | 17.666 | 29.296 | 2113.995 | 2458.379 | 1.279 | 1.672 | 473.038 | 1 | 14.713 |
| 9/16/2018 0:25 | 872700 | 12.853 | 17.666 | 29.297 | 2113.868 | 2458.227 | 1.278 | 1.672 | 473.066 | 1 | 14.713 |
| 9/16/2018 0:30 | 873000 | 12.856 | 17.666 | 29.303 | 2114.614 | 2459.104 | 1.279 | 1.672 | 472.9 | 1 | 14.712 |
| 9/16/2018 0:35 | 873300 | 12.853 | 17.666 | 29.296 | 2114.313 | 2458.734 | 1.279 | 1.672 | 472.967 | 1 | 14.712 |
| 9/16/2018 0:40 | 873600 | 12.854 | 17.665 | 29.298 | 2113.742 | 2458.108 | 1.278 | 1.672 | 473.095 | 1 | 14.714 |
| 9/16/2018 0:45 | 873900 | 12.854 | 17.666 | 29.298 | 2113.901 | 2458.25 | 1.278 | 1.672 | 473.059 | 1 | 14.715 |
| 9/16/2018 0:50 | 874200 | 12.855 | 17.666 | 29.302 | 2114.215 | 2458.635 | 1.279 | 1.672 | 472.989 | 1 | 14.714 |
| 9/16/2018 0:55 | 874500 | 12.856 | 17.666 | 29.304 | 2113.797 | 2458.125 | 1.278 | 1.672 | 473.082 | 1 | 14.713 |
| 9/16/2018 1:00 | 874800 | 12.857 | 17.666 | 29.306 | 2114.417 | 2458.866 | 1.279 | 1.672 | 472.944 | 1 | 14.712 |
| 9/16/2018 1:05 | 875100 | 12.856 | 17.666 | 29.304 | 2113.695 | 2458.03 | 1.278 | 1.671 | 473.105 | 1 | 14.714 |
| 9/16/2018 1:10 | 875400 | 12.855 | 17.666 | 29.301 | 2114.634 | 2459.112 | 1.279 | 1.672 | 472.895 | 1 | 14.715 |
| 9/16/2018 1:15 | 875700 | 12.854 | 17.666 | 29.299 | 2114.193 | 2458.599 | 1.279 | 1.672 | 472.994 | 1 | 14.717 |
| 9/16/2018 1:20 | 876000 | 12.858 | 17.666 | 29.307 | 2114.34 | 2458.762 | 1.279 | 1.672 | 472.961 | 1 | 14.714 |
| 9/16/2018 1:25 | 876300 | 12.86 | 17.666 | 29.313 | 2113.855 | 2458.274 | 1.278 | 1.672 | 473.069 | 1 | 14.711 |
| 9/16/2018 1:30 | 876600 | 12.863 | 17.666 | 29.319 | 2114.507 | 2458.96 | 1.279 | 1.672 | 472.924 | 1 | 14.708 |
| 9/16/2018 1:35 | 876900 | 12.86 | 17.666 | 29.313 | 2114.291 | 2458.708 | 1.279 | 1.672 | 472.972 | 1 | 14.71 |
| 9/16/2018 1:40 | 877200 | 12.859 | 17.666 | 29.309 | 2113.885 | 2458.246 | 1.278 | 1.672 | 473.063 | 1 | 14.712 |
| 9/16/2018 1:45 | 877500 | 12.858 | 17.666 | 29.308 | 2114.437 | 2458.898 | 1.279 | 1.672 | 472.939 | 1 | 14.715 |
| 9/16/2018 1:50 | 877800 | 12.858 | 17.666 | 29.307 | 2114.194 | 2458.582 | 1.279 | 1.672 | 472.994 | 1 | 14.715 |
| 9/16/2018 1:55 | 878100 | 12.856 | 17.666 | 29.304 | 2114.335 | 2458.751 | 1.279 | 1.672 | 472.962 | 1 | 14.716 |
| 9/16/2018 2:00 | 878400 | 12.856 | 17.666 | 29.302 | 2113.794 | 2458.122 | 1.278 | 1.672 | 473.083 | 1 | 14.717 |
| 9/16/2018 2:05 | 878700 | 12.856 | 17.666 | 29.302 | 2113.992 | 2458.376 | 1.279 | 1.672 | 473.039 | 1 | 14.717 |
| 9/16/2018 2:10 | 879000 | 12.857 | 17.666 | 29.305 | 2113.975 | 2458.342 | 1.279 | 1.672 | 473.042 | 1 | 14.717 |
| 9/16/2018 2:15 | 879300 | 12.858 | 17.665 | 29.308 | 2114.011 | 2458.407 | 1.279 | 1.671 | 473.034 | 1 | 14.717 |
| 9/16/2018 2:20 | 879600 | 12.858 | 17.666 | | | | | | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/16/2018 11:35 | 912900 | 12.868 | 17.665 | 29.331 | 2111.346 | 2455.322 | 1.277 | 1.67 | 473.632 | 1 | 14.741 |
| 9/16/2018 11:40 | 913200 | 12.87 | 17.666 | 29.335 | 2111.24 | 2455.175 | 1.277 | 1.67 | 473.655 | 1 | 14.739 |
| 9/16/2018 11:45 | 913500 | 12.872 | 17.666 | 29.34 | 2111.491 | 2455.463 | 1.277 | 1.67 | 473.599 | 1 | 14.737 |
| 9/16/2018 11:50 | 913800 | 12.872 | 17.665 | 29.34 | 2111.298 | 2455.252 | 1.277 | 1.67 | 473.642 | 1 | 14.736 |
| 9/16/2018 11:55 | 914100 | 12.874 | 17.666 | 29.343 | 2111.199 | 2455.118 | 1.277 | 1.669 | 473.665 | 1 | 14.735 |
| 9/16/2018 12:00 | 914400 | 12.875 | 17.666 | 29.346 | 2111.326 | 2455.276 | 1.277 | 1.67 | 473.636 | 1 | 14.734 |
| 9/16/2018 12:05 | 914700 | 12.872 | 17.666 | 29.34 | 2110.674 | 2454.498 | 1.276 | 1.669 | 473.782 | 1 | 14.735 |
| 9/16/2018 12:10 | 915000 | 12.875 | 17.666 | 29.345 | 2110.548 | 2454.366 | 1.276 | 1.669 | 473.811 | 1 | 14.736 |
| 9/16/2018 12:15 | 915300 | 12.871 | 17.666 | 29.337 | 2110.713 | 2454.529 | 1.276 | 1.669 | 473.774 | 1 | 14.736 |
| 9/16/2018 12:20 | 915600 | 12.873 | 17.666 | 29.341 | 2111.417 | 2455.386 | 1.277 | 1.67 | 473.606 | 1 | 14.736 |
| 9/16/2018 12:25 | 915900 | 12.872 | 17.666 | 29.338 | 2110.559 | 2454.379 | 1.276 | 1.669 | 473.808 | 1 | 14.735 |
| 9/16/2018 12:30 | 916200 | 12.872 | 17.666 | 29.339 | 2110.615 | 2454.444 | 1.276 | 1.669 | 473.796 | 1 | 14.735 |
| 9/16/2018 12:35 | 916500 | 12.872 | 17.666 | 29.34 | 2110.991 | 2454.886 | 1.277 | 1.669 | 473.711 | 1 | 14.736 |
| 9/16/2018 12:40 | 916800 | 12.87 | 17.666 | 29.334 | 2111.39 | 2455.355 | 1.277 | 1.67 | 473.622 | 1 | 14.737 |
| 9/16/2018 12:45 | 917100 | 12.868 | 17.666 | 29.331 | 2111.311 | 2455.248 | 1.277 | 1.67 | 473.639 | 1 | 14.738 |
| 9/16/2018 12:50 | 917400 | 12.87 | 17.665 | 29.335 | 2110.495 | 2454.318 | 1.276 | 1.669 | 473.823 | 1 | 14.736 |
| 9/16/2018 12:55 | 917700 | 12.871 | 17.666 | 29.337 | 2110.458 | 2454.266 | 1.276 | 1.669 | 473.831 | 1 | 14.735 |
| 9/16/2018 13:00 | 918000 | 12.873 | 17.666 | 29.341 | 2111.019 | 2454.906 | 1.277 | 1.669 | 473.705 | 1 | 14.733 |
| 9/16/2018 13:05 | 918300 | 12.872 | 17.666 | 29.34 | 2110.994 | 2454.996 | 1.277 | 1.669 | 473.688 | 1 | 14.732 |
| 9/16/2018 13:10 | 918600 | 12.872 | 17.666 | 29.34 | 2110.568 | 2454.369 | 1.276 | 1.669 | 473.806 | 1 | 14.731 |
| 9/16/2018 13:15 | 918900 | 12.874 | 17.665 | 29.344 | 2110.578 | 2454.415 | 1.276 | 1.669 | 473.804 | 1 | 14.73 |
| 9/16/2018 13:20 | 919200 | 12.875 | 17.666 | 29.345 | 2110.484 | 2454.301 | 1.276 | 1.669 | 473.825 | 1 | 14.729 |
| 9/16/2018 13:25 | 919500 | 12.876 | 17.666 | 29.348 | 2110.396 | 2454.19 | 1.276 | 1.669 | 473.845 | 1 | 14.728 |
| 9/16/2018 13:30 | 919800 | 12.876 | 17.666 | 29.349 | 2110.724 | 2454.571 | 1.276 | 1.669 | 473.771 | 1 | 14.727 |
| 9/16/2018 13:35 | 920100 | 12.876 | 17.666 | 29.349 | 2110.827 | 2454.68 | 1.277 | 1.669 | 473.748 | 1 | 14.727 |
| 9/16/2018 13:40 | 920400 | 12.877 | 17.666 | 29.35 | 2110.713 | 2454.553 | 1.276 | 1.669 | 473.774 | 1 | 14.727 |
| 9/16/2018 13:45 | 920700 | 12.876 | 17.666 | 29.349 | 2110.196 | 2453.946 | 1.276 | 1.669 | 473.89 | 1 | 14.728 |
| 9/16/2018 13:50 | 921000 | 12.875 | 17.666 | 29.346 | 2110.269 | 2454.051 | 1.276 | 1.669 | 473.873 | 1 | 14.727 |
| 9/16/2018 13:55 | 921300 | 12.874 | 17.665 | 29.345 | 2110.534 | 2454.368 | 1.276 | 1.669 | 473.814 | 1 | 14.729 |
| 9/16/2018 14:00 | 921600 | 12.873 | 17.666 | 29.342 | 2110.468 | 2454.268 | 1.276 | 1.669 | 473.829 | 1 | 14.73 |
| 9/16/2018 14:05 | 921900 | 12.87 | 17.666 | 29.335 | 2110.551 | 2454.38 | 1.276 | 1.669 | 473.81 | 1 | 14.732 |
| 9/16/2018 14:10 | 922200 | 12.867 | 17.666 | 29.328 | 2110.043 | 2453.765 | 1.276 | 1.669 | 473.924 | 1 | 14.734 |
| 9/16/2018 14:15 | 922500 | 12.865 | 17.666 | 29.324 | 2110.076 | 2453.812 | 1.276 | 1.669 | 473.917 | 1 | 14.735 |
| 9/16/2018 14:20 | 922800 | 12.867 | 17.665 | 29.329 | 2110.854 | 2454.746 | 1.277 | 1.669 | 473.742 | 1 | 14.732 |
| 9/16/2018 14:25 | 923100 | 12.871 | 17.666 | 29.336 | 2109.903 | 2453.626 | 1.276 | 1.668 | 473.955 | 1 | 14.728 |
| 9/16/2018 14:30 | 923400 | 12.873 | 17.665 | 29.342 | 2110.346 | 2454.145 | 1.276 | 1.669 | 473.856 | 1 | 14.725 |
| 9/16/2018 14:35 | 923700 | 12.875 | 17.666 | 29.346 | 2110.445 | 2454.241 | 1.276 | 1.669 | 473.834 | 1 | 14.724 |
| 9/16/2018 14:40 | 924000 | 12.874 | 17.666 | 29.343 | 2110.342 | 2454.134 | 1.276 | 1.669 | 473.857 | 1 | 14.724 |
| 9/16/2018 14:45 | 924300 | 12.875 | 17.665 | 29.345 | 2110.165 | 2453.911 | 1.276 | 1.669 | 473.897 | 1 | 14.724 |
| 9/16/2018 14:50 | 924600 | 12.876 | 17.666 | 29.349 | 2110.431 | 2454.225 | 1.276 | 1.669 | 473.837 | 1 | 14.722 |
| 9/16/2018 14:55 | 924900 | 12.875 | 17.666 | 29.347 | 2109.922 | 2453.639 | 1.276 | 1.668 | 473.951 | 1 | 14.721 |
| 9/16/2018 15:00 | 925200 | 12.877 | 17.665 | 29.35 | 2110.552 | 2454.385 | 1.276 | 1.669 | 473.81 | 1 | 14.72 |
| 9/16/2018 15:05 | 925500 | 12.877 | 17.666 | 29.35 | 2110.52 | 2454.334 | 1.276 | 1.669 | 473.817 | 1 | 14.719 |
| 9/16/2018 15:10 | 925800 | 12.878 | 17.666 | 29.352 | 2109.892 | 2453.607 | 1.276 | 1.668 | 473.958 | 1 | 14.717 |
| 9/16/2018 15:15 | 926100 | 12.879 | 17.666 | 29.356 | 2110.041 | 2453.777 | 1.276 | 1.669 | 473.924 | 1 | 14.716 |
| 9/16/2018 15:20 | 926400 | 12.878 | 17.666 | 29.353 | 2110.363 | 2454.141 | 1.276 | 1.669 | 473.852 | 1 | 14.717 |
| 9/16/2018 15:25 | 926700 | 12.877 | 17.666 | 29.35 | 2109.963 | 2453.681 | 1.276 | 1.669 | 473.942 | 1 | 14.717 |
| 9/16/2018 15:30 | 927000 | 12.876 | 17.665 | 29.349 | 2109.529 | 2453.195 | 1.276 | 1.668 | 474.04 | 1 | 14.717 |
| 9/16/2018 15:35 | 927300 | 12.879 | 17.666 | 29.355 | 2110.313 | 2454.097 | 1.276 | 1.669 | 473.863 | 1 | 14.715 |
| 9/16/2018 15:40 | 927600 | 12.879 | 17.665 | 29.354 | 2110.08 | 2453.836 | 1.276 | 1.669 | 473.916 | 1 | 14.713 |
| 9/16/2018 15:45 | 927900 | 12.881 | 17.666 | 29.359 | 2110.096 | 2453.85 | 1.276 | 1.669 | 473.912 | 1 | 14.711 |
| 9/16/2018 15:50 | 928200 | 12.879 | 17.666 | 29.356 | 2109.859 | 2453.575 | 1.276 | 1.668 | 473.965 | 1 | 14.713 |
| 9/16/2018 15:55 | 928500 | 12.877 | 17.666 | 29.35 | 2109.806 | 2453.503 | 1.276 | 1.668 | 473.977 | 1 | 14.715 |
| 9/16/2018 16:00 | 928800 | 12.874 | 17.666 | 29.345 | 2109.223 | 2452.82 | 1.275 | 1.668 | 474.108 | 1 | 14.717 |
| 9/16/2018 16:05 | 929100 | 12.877 | 17.665 | 29.351 | 2110.09 | 2453.862 | 1.276 | 1.669 | 473.913 | 1 | 14.715 |
| 9/16/2018 16:10 | 929400 | 12.876 | 17.666 | 29.349 | 2109.92 | 2453.646 | 1.276 | 1.668 | 473.952 | 1 | 14.713 |
| 9/16/2018 16:15 | 929700 | 12.878 | 17.665 | 29.353 | 2109.198 | 2452.824 | 1.276 | 1.668 | 474.114 | 1 | 14.711 |
| 9/16/2018 16:20 | 930000 | 12.881 | 17.666 | 29.353 | 2109.517 | 2453.157 | 1.276 | 1.668 | 474.043 | 1 | 14.71 |
| 9/16/2018 16:25 | 930300 | 12.878 | 17.666 | 29.352 | 2109.268 | 2452.873 | 1.276 | 1.668 | 474.098 | 1 | 14.709 |
| 9/16/2018 16:30 | 930600 | 12.88 | 17.666 | 29.358 | 2109.079 | 2452.667 | 1.275 | 1.668 | 474.141 | 1 | 14.708 |
| 9/16/2018 16:35 | 930900 | 12.878 | 17.666 | 29.353 | 2109.642 | 2453.317 | 1.276 | 1.668 | 474.014 | 1 | 14.709 |
| 9/16/2018 16:40 | 931200 | 12.878 | 17.666 | 29.352 | 2109.554 | 2453.211 | 1.276 | 1.668 | 474.034 | 1 | 14.71 |
| 9/16/2018 16:45 | 931500 | 12.875 | 17.666 | 29.347 | 2109.102 | 2452.688 | 1.275 | 1.668 | 474.136 | 1 | 14.711 |
| 9/16/2018 16:50 | 931800 | 12.877 | 17.665 | 29.351 | 2109.075 | 2452.681 | 1.275 | 1.668 | 474.142 | 1 | 14.708 |
| 9/16/2018 16:55 | 932100 | 12.879 | 17.665 | 29.356 | 2109.273 | 2452.897 | 1.276 | 1.668 | 474.097 | 1 | 14.705 |
| 9/16/2018 17:00 | 932400 | 12.883 | 17.666 | 29.365 | 2109.429 | 2453.074 | 1.276 | 1.668 | 474.062 | 1 | 14.701 |
| 9/16/2018 17:05 | 932700 | 12.881 | 17.666 | 29.36 | 2109.682 | 2453.359 | 1.276 | 1.668 | 474.005 | 1 | 14.702 |
| 9/16/2018 17:10 | 933000 | 12.879 | 17.666 | 29.356 | 2109.471 | 2453.108 | 1.276 | 1.668 | 474.053 | 1 | 14.703 |
| 9/16/2018 17:15 | 933300 | 12.88 | 17.666 | 29.359 | 2109.426 | 2453.066 | 1.276 | 1.668 | 474.063 | 1 | 14.704 |
| 9/16/2018 17:20 | 933600 | 12.878 | 17.666 | 29.354 | 2109.274 | 2452.88 | 1.276 | 1.668 | 474.097 | 1 | 14.705 |
| 9/16/2018 17:25 | 933900 | 12.878 | 17.665 | 29.352 | 2109.139 | 2452.752 | 1.275 | 1.668 | 474.127 | 1 | 14.706 |
| 9/16/2018 17:30 | 934200 | 12.878 | 17.666 | 29.352 | 2108.886 | 2452.415 | 1.275 | 1.668 | 474.184 | 1 | 14.707 |
| 9/16/2018 17:35 | 934500 | 12.88 | 17.665 | 29.358 | 2109.416 | 2453.073 | 1.276 | 1.668 | 474.065 | 1 | 14.706 |
| 9/16/2018 17:40 | 934800 | 12.884 | 17.666 | 29.366 | 2109.278 | 2452.893 | 1.276 | 1.668 | 474.096 | 1 | 14.704 |
| 9/16/2018 17:45 | 935100 | 12.885 | 17.665 | 29.369 | 2109.26 | 2452.882 | 1.276 | 1.668 | 474.1 | 1 | 14.703 |
| 9/16/2018 17:50 | 935400 | 12.884 | 17.665 | 29.366 | 2108.63 | 2452.16 | 1.275 | 1.667 | 474.242 | 1 | 14.705 |
| 9/16/2018 17:55 | 935700 | 12.881 | 17.665 | 29.36 | 2108.77 | 2452.316 | 1.275 | 1.668 | 474.211 | 1 | 14.707 |
| 9/16/2018 18:00 | 936000 | 12.879 | 17.666 | 29.356 | 2108.84 | 2452.37 | 1.275 | 1.668 | 474.194 | 1 | 14.709 |
| 9/16/2018 18:05 | 936300 | 12.881 | 17.665 | 29.36 | 2108.657 | 2452.195 | 1.275 | 1.667 | 474.236 | 1 | 14.709 |
| 9/16/2018 18:10 | 936600 | 12.88 | 17.666 | 29.358 | 2108.75 | 2452.284 | 1.275 | 1.668 | 474.215 | 1 | 14.708 |
| 9/16/2018 18:15 | 936900 | 12.881 | 17.666 | 29.359 | 2108.52 | 2452.008 | 1.275 | 1.667 | 474.266 | 1 | 14.708 |
| 9/16/2018 18:20 | 937200 | 12.878 | 17.666 | 29.353 | 2108.822 | 2452.364 | 1.275 | 1.668 | 474.198 | 1 | 14.709 |
| 9/16/2018 18:25 | 937500 | 12.878 | 17.666 | 29.353 | 2109.182 | 2452.773 | 1.275 | 1.668 | 474.117 | 1 | 14.71 |
| 9/16/2018 18:30 | 937800 | 12.88 | 17.666 | 29.358 | 2108.809 | 2452.344 | 1.275 | 1.668 | 474.201 | 1 | 14.711 |
| 9/16/2018 18:35 | 938100 | 12.878 | 17.666 | 29.353 | 2108.699 | 2452.217 | 1.275 | 1.668 | 474.226 | 1 | 14.712 |
| 9/16/2018 18:40 | 938400 | 12.878 | 17.665 | 29.353 | 2108.468 | 2451.965 | 1.275 | 1.667 | 474.278 | 1 | 14.713 |
| 9/16/2018 18:45 | 9 | | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/17/2018 4:00 | 972000 | 12.896 | 17.666 | 29.394 | 2103.091 | 2445.689 | 1.272 | 1.663 | 475.491 | 1 | 14.708 |
| 9/17/2018 4:05 | 972300 | 12.894 | 17.665 | 29.39 | 2103.029 | 2445.636 | 1.272 | 1.663 | 475.505 | 1 | 14.709 |
| 9/17/2018 4:10 | 972600 | 12.891 | 17.665 | 29.382 | 2103.592 | 2446.295 | 1.272 | 1.663 | 475.377 | 1 | 14.711 |
| 9/17/2018 4:15 | 972900 | 12.887 | 17.666 | 29.373 | 2102.646 | 2445.187 | 1.271 | 1.663 | 475.591 | 1 | 14.713 |
| 9/17/2018 4:20 | 973200 | 12.888 | 17.665 | 29.376 | 2102.732 | 2445.314 | 1.271 | 1.663 | 475.572 | 1 | 14.71 |
| 9/17/2018 4:25 | 973500 | 12.89 | 17.665 | 29.381 | 2102.983 | 2445.588 | 1.272 | 1.663 | 475.515 | 1 | 14.708 |
| 9/17/2018 4:30 | 973800 | 12.892 | 17.666 | 29.386 | 2102.96 | 2445.542 | 1.272 | 1.663 | 475.52 | 1 | 14.705 |
| 9/17/2018 4:35 | 974100 | 12.892 | 17.665 | 29.384 | 2102.951 | 2445.555 | 1.272 | 1.663 | 475.522 | 1 | 14.706 |
| 9/17/2018 4:40 | 974400 | 12.89 | 17.665 | 29.381 | 2102.034 | 2444.498 | 1.271 | 1.662 | 475.73 | 1 | 14.707 |
| 9/17/2018 4:45 | 974700 | 12.891 | 17.666 | 29.382 | 2102.364 | 2444.858 | 1.271 | 1.663 | 475.655 | 1 | 14.708 |
| 9/17/2018 4:50 | 975000 | 12.889 | 17.665 | 29.377 | 2101.505 | 2443.878 | 1.271 | 1.662 | 475.849 | 1 | 14.71 |
| 9/17/2018 4:55 | 975300 | 12.891 | 17.665 | 29.384 | 2102.361 | 2444.883 | 1.271 | 1.663 | 475.656 | 1 | 14.713 |
| 9/17/2018 5:00 | 975600 | 12.885 | 17.665 | 29.37 | 2101.44 | 2443.802 | 1.271 | 1.662 | 475.864 | 1 | 14.716 |
| 9/17/2018 5:05 | 975900 | 12.885 | 17.665 | 29.369 | 2101.448 | 2443.822 | 1.271 | 1.662 | 475.862 | 1 | 14.715 |
| 9/17/2018 5:10 | 976200 | 12.885 | 17.665 | 29.369 | 2101.295 | 2443.629 | 1.27 | 1.662 | 475.897 | 1 | 14.715 |
| 9/17/2018 5:15 | 976500 | 12.886 | 17.665 | 29.372 | 2100.812 | 2443.087 | 1.27 | 1.661 | 476.006 | 1 | 14.714 |
| 9/17/2018 5:20 | 976800 | 12.885 | 17.665 | 29.37 | 2100.626 | 2442.847 | 1.27 | 1.661 | 476.048 | 1 | 14.714 |
| 9/17/2018 5:25 | 977100 | 12.886 | 17.665 | 29.371 | 2100.076 | 2442.235 | 1.27 | 1.661 | 476.173 | 1 | 14.713 |
| 9/17/2018 5:30 | 977400 | 12.887 | 17.665 | 29.373 | 2099.713 | 2441.803 | 1.269 | 1.66 | 476.256 | 1 | 14.712 |
| 9/17/2018 5:35 | 977700 | 12.887 | 17.665 | 29.374 | 2100.026 | 2442.178 | 1.27 | 1.661 | 476.185 | 1 | 14.712 |
| 9/17/2018 5:40 | 978000 | 12.89 | 17.665 | 29.379 | 2099.522 | 2441.581 | 1.269 | 1.66 | 476.299 | 1 | 14.711 |
| 9/17/2018 5:45 | 978300 | 12.889 | 17.665 | 29.378 | 2099.589 | 2441.669 | 1.269 | 1.66 | 476.284 | 1 | 14.71 |
| 9/17/2018 5:50 | 978600 | 12.889 | 17.665 | 29.377 | 2098.906 | 2440.875 | 1.269 | 1.66 | 476.439 | 1 | 14.711 |
| 9/17/2018 5:55 | 978900 | 12.889 | 17.665 | 29.379 | 2099.173 | 2441.166 | 1.269 | 1.66 | 476.378 | 1 | 14.711 |
| 9/17/2018 6:00 | 979200 | 12.889 | 17.665 | 29.378 | 2098.734 | 2440.675 | 1.269 | 1.66 | 476.478 | 1 | 14.711 |
| 9/17/2018 6:05 | 979500 | 12.894 | 17.665 | 29.388 | 2098.106 | 2439.94 | 1.268 | 1.659 | 476.62 | 1 | 14.712 |
| 9/17/2018 6:10 | 979800 | 12.888 | 17.665 | 29.377 | 2097.342 | 2439.056 | 1.268 | 1.659 | 476.794 | 1 | 14.713 |
| 9/17/2018 6:15 | 980100 | 12.888 | 17.665 | 29.376 | 2097.663 | 2439.429 | 1.268 | 1.659 | 476.721 | 1 | 14.713 |
| 9/17/2018 6:20 | 980400 | 12.889 | 17.665 | 29.378 | 2097.234 | 2439.939 | 1.268 | 1.658 | 476.819 | 1 | 14.713 |
| 9/17/2018 6:25 | 980700 | 12.889 | 17.665 | 29.378 | 2097.18 | 2438.863 | 1.268 | 1.658 | 476.831 | 1 | 14.713 |
| 9/17/2018 6:30 | 981000 | 12.888 | 17.665 | 29.376 | 2096.577 | 2438.153 | 1.267 | 1.658 | 476.968 | 1 | 14.713 |
| 9/17/2018 6:35 | 981300 | 12.889 | 17.665 | 29.378 | 2097.381 | 2439.105 | 1.268 | 1.659 | 476.785 | 1 | 14.713 |
| 9/17/2018 6:40 | 981600 | 12.888 | 17.665 | 29.377 | 2097.059 | 2438.717 | 1.268 | 1.658 | 476.858 | 1 | 14.714 |
| 9/17/2018 6:45 | 981900 | 12.889 | 17.665 | 29.377 | 2096.818 | 2438.447 | 1.268 | 1.658 | 476.913 | 1 | 14.714 |
| 9/17/2018 6:50 | 982200 | 12.89 | 17.664 | 29.379 | 2096.129 | 2437.669 | 1.267 | 1.658 | 477.07 | 1 | 14.714 |
| 9/17/2018 6:55 | 982500 | 12.89 | 17.665 | 29.381 | 2096.452 | 2438.04 | 1.267 | 1.658 | 476.996 | 1 | 14.714 |
| 9/17/2018 7:00 | 982800 | 12.889 | 17.665 | 29.379 | 2095.68 | 2437.128 | 1.267 | 1.657 | 477.172 | 1 | 14.714 |
| 9/17/2018 7:05 | 983100 | 12.89 | 17.665 | 29.38 | 2095.445 | 2436.86 | 1.267 | 1.657 | 477.226 | 1 | 14.715 |
| 9/17/2018 7:10 | 983400 | 12.889 | 17.665 | 29.377 | 2095.382 | 2436.65 | 1.267 | 1.657 | 477.263 | 1 | 14.716 |
| 9/17/2018 7:15 | 983700 | 12.888 | 17.665 | 29.377 | 2095.178 | 2436.539 | 1.267 | 1.657 | 477.286 | 1 | 14.717 |
| 9/17/2018 7:20 | 984000 | 12.889 | 17.664 | 29.377 | 2094.67 | 2435.971 | 1.266 | 1.656 | 477.402 | 1 | 14.717 |
| 9/17/2018 7:25 | 984300 | 12.89 | 17.665 | 29.38 | 2094.456 | 2435.71 | 1.266 | 1.656 | 477.451 | 1 | 14.717 |
| 9/17/2018 7:30 | 984600 | 12.889 | 17.665 | 29.378 | 2095.137 | 2436.501 | 1.267 | 1.657 | 477.296 | 1 | 14.717 |
| 9/17/2018 7:35 | 984900 | 12.888 | 17.664 | 29.376 | 2094.773 | 2436.096 | 1.266 | 1.657 | 477.379 | 1 | 14.718 |
| 9/17/2018 7:40 | 985200 | 12.888 | 17.665 | 29.377 | 2093.828 | 2434.983 | 1.266 | 1.656 | 477.594 | 1 | 14.718 |
| 9/17/2018 7:45 | 985500 | 12.889 | 17.665 | 29.378 | 2094.149 | 2435.352 | 1.266 | 1.656 | 477.521 | 1 | 14.719 |
| 9/17/2018 7:50 | 985800 | 12.889 | 17.665 | 29.378 | 2093.391 | 2434.475 | 1.265 | 1.655 | 477.694 | 1 | 14.72 |
| 9/17/2018 7:55 | 986100 | 12.888 | 17.665 | 29.375 | 2093.693 | 2434.822 | 1.266 | 1.656 | 477.625 | 1 | 14.72 |
| 9/17/2018 8:00 | 986400 | 12.888 | 17.664 | 29.375 | 2093.694 | 2434.841 | 1.266 | 1.656 | 477.625 | 1 | 14.721 |
| 9/17/2018 8:05 | 986700 | 12.886 | 17.665 | 29.371 | 2092.779 | 2433.763 | 1.265 | 1.655 | 477.834 | 1 | 14.722 |
| 9/17/2018 8:10 | 987000 | 12.885 | 17.665 | 29.37 | 2092.624 | 2433.573 | 1.265 | 1.655 | 477.869 | 1 | 14.724 |
| 9/17/2018 8:15 | 987300 | 12.884 | 17.664 | 29.367 | 2092.521 | 2433.482 | 1.265 | 1.655 | 477.893 | 1 | 14.725 |
| 9/17/2018 8:20 | 987600 | 12.883 | 17.664 | 29.364 | 2092.679 | 2433.657 | 1.265 | 1.655 | 477.856 | 1 | 14.726 |
| 9/17/2018 8:25 | 987900 | 12.882 | 17.665 | 29.363 | 2092.615 | 2433.578 | 1.265 | 1.655 | 477.871 | 1 | 14.728 |
| 9/17/2018 8:30 | 988200 | 12.881 | 17.665 | 29.361 | 2092.074 | 2432.938 | 1.265 | 1.654 | 477.995 | 1 | 14.729 |
| 9/17/2018 8:35 | 988500 | 12.881 | 17.665 | 29.36 | 2091.795 | 2432.615 | 1.264 | 1.654 | 478.058 | 1 | 14.729 |
| 9/17/2018 8:40 | 988800 | 12.882 | 17.665 | 29.361 | 2091.65 | 2432.445 | 1.264 | 1.654 | 478.052 | 1 | 14.729 |
| 9/17/2018 8:45 | 989100 | 12.88 | 17.665 | 29.358 | 2091.41 | 2432.167 | 1.264 | 1.654 | 478.146 | 1 | 14.729 |
| 9/17/2018 8:50 | 989400 | 12.88 | 17.664 | 29.358 | 2091.356 | 2432.118 | 1.264 | 1.654 | 478.159 | 1 | 14.729 |
| 9/17/2018 8:55 | 989700 | 12.88 | 17.664 | 29.358 | 2090.521 | 2431.147 | 1.264 | 1.653 | 478.35 | 1 | 14.73 |
| 9/17/2018 9:00 | 990000 | 12.88 | 17.665 | 29.357 | 2091.078 | 2431.775 | 1.264 | 1.654 | 478.222 | 1 | 14.73 |
| 9/17/2018 9:05 | 990300 | 12.879 | 17.665 | 29.356 | 2090.224 | 2430.782 | 1.263 | 1.653 | 478.418 | 1 | 14.73 |
| 9/17/2018 9:10 | 990600 | 12.881 | 17.665 | 29.361 | 2089.779 | 2430.275 | 1.263 | 1.653 | 478.519 | 1 | 14.729 |
| 9/17/2018 9:15 | 990900 | 12.882 | 17.665 | 29.361 | 2090.445 | 2431.054 | 1.264 | 1.653 | 478.367 | 1 | 14.728 |
| 9/17/2018 9:20 | 991200 | 12.882 | 17.665 | 29.362 | 2090.102 | 2430.65 | 1.263 | 1.653 | 478.446 | 1 | 14.729 |
| 9/17/2018 9:25 | 991500 | 12.88 | 17.665 | 29.358 | 2089.202 | 2429.609 | 1.263 | 1.652 | 478.652 | 1 | 14.729 |
| 9/17/2018 9:30 | 991800 | 12.88 | 17.665 | 29.358 | 2089.162 | 2429.543 | 1.263 | 1.652 | 478.661 | 1 | 14.73 |
| 9/17/2018 9:35 | 992100 | 12.88 | 17.665 | 29.356 | 2089.092 | 2429.476 | 1.263 | 1.652 | 478.677 | 1 | 14.732 |
| 9/17/2018 9:40 | 992400 | 12.876 | 17.665 | 29.349 | 2088.993 | 2429.347 | 1.263 | 1.652 | 478.699 | 1 | 14.734 |
| 9/17/2018 9:45 | 992700 | 12.874 | 17.665 | 29.344 | 2088.948 | 2429.299 | 1.263 | 1.652 | 478.71 | 1 | 14.736 |
| 9/17/2018 9:50 | 993000 | 12.875 | 17.665 | 29.345 | 2088.066 | 2428.269 | 1.262 | 1.651 | 478.912 | 1 | 14.735 |
| 9/17/2018 9:55 | 993300 | 12.876 | 17.665 | 29.349 | 2087.657 | 2427.797 | 1.262 | 1.651 | 479.006 | 1 | 14.734 |
| 9/17/2018 10:00 | 993600 | 12.878 | 17.665 | 29.352 | 2087.376 | 2427.476 | 1.262 | 1.651 | 479.07 | 1 | 14.732 |
| 9/17/2018 10:05 | 993900 | 12.878 | 17.665 | 29.353 | 2087.466 | 2427.568 | 1.262 | 1.651 | 479.051 | 1 | 14.732 |
| 9/17/2018 10:10 | 994200 | 12.877 | 17.665 | 29.351 | 2087.577 | 2427.709 | 1.262 | 1.651 | 479.024 | 1 | 14.732 |
| 9/17/2018 10:15 | 994500 | 12.88 | 17.664 | 29.358 | 2086.792 | 2426.82 | 1.261 | 1.65 | 479.204 | 1 | 14.732 |
| 9/17/2018 10:20 | 994800 | 12.879 | 17.665 | 29.356 | 2087.284 | 2427.35 | 1.262 | 1.651 | 479.091 | 1 | 14.731 |
| 9/17/2018 10:25 | 995100 | 12.878 | 17.665 | 29.354 | 2085.949 | 2425.807 | 1.261 | 1.65 | 479.398 | 1 | 14.734 |
| 9/17/2018 10:30 | 995400 | 12.878 | 17.664 | 29.353 | 2085.978 | 2425.864 | 1.261 | 1.65 | 479.391 | 1 | 14.734 |
| 9/17/2018 10:35 | 995700 | 12.874 | 17.665 | 29.344 | 2085.532 | 2425.322 | 1.26 | 1.649 | 479.494 | 1 | 14.736 |
| 9/17/2018 10:40 | 996000 | 12.872 | 17.665 | 29.34 | 2085.606 | 2425.417 | 1.26 | 1.649 | 479.477 | 1 | 14.738 |
| 9/17/2018 10:45 | 996300 | 12.869 | 17.665 | 29.331 | 2085.066 | 2424.784 | 1.26 | 1.649 | 479.601 | 1 | 14.74 |
| 9/17/2018 10:50 | 996600 | 12.869 | 17.665 | 29.331 | 2084.625 | 2424.271 | 1.26 | 1.649 | 479.703 | 1 | 14.739 |
| 9/17/2018 10:55 | 996900 | 12.869 | 17.664 | 29.333 | 2084.083 | 2423.665 | 1.26 | 1.648 | 479.827 | 1 | 14.738 |
| 9/17/2018 11:00 | 997200 | 12.869 | 17.664 | 29.333 | 2083.907 | 2423.456 | 1.259 | 1.648 | 479.868 | 1 | 14.737 |
| 9/17/2018 11:05 | 997500 | 12.87 | 17.665 | 29.34 | 2083.966 | 2423.545 | 1.259 | 1.648 | 479.847 | 1 | 14.737 |
| 9/17/2018 11:10 | 997800 | 12.874 | 17.665 | 29.344 | 2083.211 | 2422.627 | 1.259 | 1.647 | 480.028 | 1 | 14.734 |
| 9/17/2018 11:15 | 998100 | 12.875 | 17.664 | 29.3 | | | | | | | |

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|-----------------|---------|--------|--------|----------|----------|----------|-------|---------|---------|--------|--------|
| 9/17/2018 20:25 | 1031100 | 12.85 | 17.665 | 29.288 | 2007.504 | 2334.585 | 1.211 | 1.588 | 498.131 | 1 | 14.705 |
| 9/17/2018 20:30 | 1031400 | 12.853 | 17.665 | 29.295 | 2007.028 | 2334.014 | 1.211 | 1.587 | 498.249 | 1 | 14.705 |
| 9/17/2018 20:35 | 1031700 | 12.851 | 17.665 | 29.292 | 2006.777 | 2333.727 | 1.21 | 1.587 | 498.311 | 1 | 14.705 |
| 9/17/2018 20:40 | 1032000 | 12.85 | 17.665 | 29.29 | 2006.361 | 2333.247 | 1.21 | 1.587 | 498.415 | 1 | 14.706 |
| 9/17/2018 20:45 | 1032300 | 12.851 | 17.665 | 29.29 | 2005.976 | 2332.804 | 1.21 | 1.586 | 498.511 | 1 | 14.706 |
| 9/17/2018 20:50 | 1032600 | 12.849 | 17.665 | 29.286 | 2005.497 | 2332.25 | 1.21 | 1.586 | 498.63 | 1 | 14.709 |
| 9/17/2018 20:55 | 1032900 | 12.846 | 17.665 | 29.28 | 2005.076 | 2331.758 | 1.209 | 1.586 | 498.734 | 1 | 14.711 |
| 9/17/2018 21:00 | 1033200 | 12.843 | 17.665 | 29.273 | 2005.005 | 2331.652 | 1.209 | 1.586 | 498.752 | 1 | 14.714 |
| 9/17/2018 21:05 | 1033500 | 12.843 | 17.665 | 29.273 | 2004.808 | 2331.441 | 1.209 | 1.585 | 498.801 | 1 | 14.713 |
| 9/17/2018 21:10 | 1033800 | 12.846 | 17.665 | 29.28 | 2004.55 | 2331.141 | 1.209 | 1.585 | 498.865 | 1 | 14.713 |
| 9/17/2018 21:15 | 1034100 | 12.846 | 17.665 | 29.28 | 2003.983 | 2330.49 | 1.209 | 1.585 | 499.006 | 1 | 14.713 |
| 9/17/2018 21:20 | 1034400 | 12.845 | 17.665 | 29.278 | 2004.289 | 2330.82 | 1.209 | 1.585 | 498.93 | 1 | 14.714 |
| 9/17/2018 21:25 | 1034700 | 12.844 | 17.665 | 29.276 | 2003.178 | 2329.541 | 1.208 | 1.584 | 499.207 | 1 | 14.715 |
| 9/17/2018 21:30 | 1035000 | 12.844 | 17.665 | 29.276 | 2003.214 | 2329.596 | 1.208 | 1.584 | 499.198 | 1 | 14.716 |
| 9/17/2018 21:35 | 1035300 | 12.844 | 17.665 | 29.276 | 2003.227 | 2329.602 | 1.208 | 1.584 | 499.195 | 1 | 14.715 |
| 9/17/2018 21:40 | 1035600 | 12.846 | 17.665 | 29.279 | 2003.02 | 2329.361 | 1.208 | 1.584 | 499.246 | 1 | 14.715 |
| 9/17/2018 21:45 | 1035900 | 12.846 | 17.665 | 29.279 | 2002.46 | 2328.711 | 1.208 | 1.584 | 499.386 | 1 | 14.715 |
| 9/17/2018 21:50 | 1036200 | 12.846 | 17.665 | 29.281 | 2002.478 | 2328.713 | 1.208 | 1.584 | 499.381 | 1 | 14.714 |
| 9/17/2018 21:55 | 1036500 | 12.848 | 17.665 | 29.283 | 2002.27 | 2328.495 | 1.208 | 1.583 | 499.433 | 1 | 14.714 |
| 9/17/2018 22:00 | 1036800 | 12.848 | 17.665 | 29.283 | 2001.609 | 2327.779 | 1.207 | 1.583 | 499.598 | 1 | 14.713 |
| 9/17/2018 22:05 | 1037100 | 12.846 | 17.665 | 29.28 | 2001.444 | 2327.529 | 1.207 | 1.583 | 499.639 | 1 | 14.714 |
| 9/17/2018 22:10 | 1037400 | 12.844 | 17.665 | 29.276 | 2001.376 | 2327.445 | 1.207 | 1.583 | 499.656 | 1 | 14.715 |
| 9/17/2018 22:15 | 1037700 | 12.845 | 17.665 | 29.277 | 2000.89 | 2326.898 | 1.207 | 1.582 | 499.778 | 1 | 14.716 |
| 9/17/2018 22:20 | 1038000 | 12.844 | 17.665 | 29.277 | 2000.419 | 2326.332 | 1.206 | 1.582 | 499.895 | 1 | 14.717 |
| 9/17/2018 22:25 | 1038300 | 12.844 | 17.665 | 29.276 | 2000.349 | 2326.26 | 1.206 | 1.582 | 499.913 | 1 | 14.717 |
| 9/17/2018 22:30 | 1038600 | 12.843 | 17.665 | 29.273 | 2000.407 | 2326.328 | 1.206 | 1.582 | 499.898 | 1 | 14.718 |
| 9/17/2018 22:35 | 1038900 | 12.843 | 17.665 | 29.272 | 1999.819 | 2325.645 | 1.206 | 1.581 | 500.045 | 1 | 14.718 |
| 9/17/2018 22:40 | 1039200 | 12.842 | 17.665 | 29.27 | 1999.903 | 2325.728 | 1.206 | 1.581 | 500.024 | 1 | 14.719 |
| 9/17/2018 22:45 | 1039500 | 12.84 | 17.665 | 29.267 | 1998.965 | 2324.637 | 1.205 | 1.581 | 500.259 | 1 | 14.719 |
| 9/17/2018 22:50 | 1039800 | 12.841 | 17.665 | 29.268 | 1999.408 | 2325.156 | 1.206 | 1.581 | 500.148 | 1 | 14.72 |
| 9/17/2018 22:55 | 1040100 | 12.838 | 17.665 | 29.262 | 1999.355 | 2325.108 | 1.206 | 1.581 | 500.161 | 1 | 14.721 |
| 9/17/2018 23:00 | 1040400 | 12.836 | 17.665 | 29.258 | 1999.254 | 2324.964 | 1.206 | 1.581 | 500.187 | 1 | 14.722 |
| 9/17/2018 23:05 | 1040700 | 12.839 | 17.665 | 29.263 | 1998.43 | 2324.024 | 1.205 | 1.58 | 500.393 | 1 | 14.718 |
| 9/17/2018 23:10 | 1041000 | 12.842 | 17.665 | 29.271 | 1998.278 | 2323.839 | 1.205 | 1.58 | 500.431 | 1 | 14.715 |
| 9/17/2018 23:15 | 1041300 | 12.845 | 17.665 | 29.278 | 1998.397 | 2323.958 | 1.205 | 1.58 | 500.401 | 1 | 14.712 |
| 9/17/2018 23:20 | 1041600 | 12.844 | 17.665 | 29.275 | 1998.039 | 2323.56 | 1.205 | 1.58 | 500.491 | 1 | 14.714 |
| 9/17/2018 23:25 | 1041900 | 12.842 | 17.665 | 29.27 | 1997.397 | 2322.818 | 1.204 | 1.58 | 500.652 | 1 | 14.716 |
| 9/17/2018 23:30 | 1042200 | 12.839 | 17.665 | 29.265 | 1997.394 | 2322.81 | 1.204 | 1.58 | 500.652 | 1 | 14.717 |
| 9/17/2018 23:35 | 1042500 | 12.84 | 17.665 | 29.267 | 1997.239 | 2322.639 | 1.204 | 1.579 | 500.691 | 1 | 14.717 |
| 9/17/2018 23:40 | 1042800 | 12.839 | 17.665 | 29.265 | 1997.339 | 2322.75 | 1.204 | 1.579 | 500.666 | 1 | 14.717 |
| 9/17/2018 23:45 | 1043100 | 12.84 | 17.665 | 29.266 | 1996.847 | 2322.183 | 1.204 | 1.579 | 500.789 | 1 | 14.717 |
| 9/17/2018 23:50 | 1043400 | 12.841 | 17.665 | 29.268 | 1996.946 | 2322.285 | 1.204 | 1.579 | 500.765 | 1 | 14.716 |
| 9/17/2018 23:55 | 1043700 | 12.842 | 17.665 | 29.271 | 1996.312 | 2321.552 | 1.204 | 1.579 | 500.924 | 1 | 14.715 |
| 9/18/2018 0:00 | 1044000 | 12.842 | 17.665 | 29.271 | 1995.889 | 2321.06 | 1.203 | 1.578 | 501.03 | 1 | 14.714 |
| 9/18/2018 0:05 | 1044300 | 12.843 | 17.665 | 29.273 | 1995.934 | 2321.113 | 1.203 | 1.578 | 501.019 | 1 | 14.715 |
| 9/18/2018 0:10 | 1044600 | 12.84 | 17.665 | 29.267 | 1995.871 | 2321.039 | 1.203 | 1.578 | 501.034 | 1 | 14.716 |
| 9/18/2018 0:15 | 1044900 | 12.839 | 17.664 | 1995.948 | 2321.164 | 1.204 | 1.578 | 501.015 | 1 | 14.716 | |
| 9/18/2018 0:20 | 1045200 | 12.84 | 17.665 | 29.267 | 1994.932 | 2319.957 | 1.203 | 1.578 | 501.27 | 1 | 14.716 |
| 9/18/2018 0:25 | 1045500 | 12.84 | 17.665 | 29.266 | 1994.692 | 2319.681 | 1.203 | 1.577 | 501.331 | 1 | 14.715 |
| 9/18/2018 0:30 | 1045800 | 12.84 | 17.665 | 29.266 | 1995.439 | 2320.518 | 1.203 | 1.578 | 501.143 | 1 | 14.714 |
| 9/18/2018 0:35 | 1046100 | 12.84 | 17.665 | 29.266 | 1994.714 | 2319.693 | 1.203 | 1.577 | 501.325 | 1 | 14.715 |
| 9/18/2018 0:40 | 1046400 | 12.838 | 17.665 | 29.262 | 1994.746 | 2319.717 | 1.203 | 1.577 | 501.317 | 1 | 14.717 |
| 9/18/2018 0:45 | 1046700 | 12.836 | 17.665 | 29.257 | 1994.333 | 2319.25 | 1.202 | 1.577 | 501.421 | 1 | 14.718 |
| 9/18/2018 0:50 | 1047000 | 12.837 | 17.665 | 29.259 | 1994.257 | 2319.162 | 1.202 | 1.577 | 501.44 | 1 | 14.716 |
| 9/18/2018 0:55 | 1047300 | 12.839 | 17.665 | 29.265 | 1994.006 | 2318.879 | 1.202 | 1.577 | 501.503 | 1 | 14.715 |
| 9/18/2018 1:00 | 1047600 | 12.842 | 17.665 | 29.27 | 1993.822 | 2318.67 | 1.202 | 1.577 | 501.549 | 1 | 14.714 |
| 9/18/2018 1:05 | 1047900 | 12.839 | 17.665 | 29.264 | 1993.995 | 2318.848 | 1.202 | 1.577 | 501.506 | 1 | 14.715 |
| 9/18/2018 1:10 | 1048200 | 12.837 | 17.665 | 29.259 | 1993.487 | 2318.271 | 1.202 | 1.576 | 501.634 | 1 | 14.717 |
| 9/18/2018 1:15 | 1048500 | 12.835 | 17.665 | 29.254 | 1993.405 | 2318.163 | 1.202 | 1.576 | 501.654 | 1 | 14.719 |
| 9/18/2018 1:20 | 1048800 | 12.836 | 17.665 | 29.257 | 1993.463 | 2318.22 | 1.202 | 1.576 | 501.64 | 1 | 14.717 |
| 9/18/2018 1:25 | 1049100 | 12.84 | 17.665 | 29.266 | 1993.431 | 2318.206 | 1.202 | 1.576 | 501.648 | 1 | 14.714 |
| 9/18/2018 1:30 | 1049400 | 12.842 | 17.665 | 29.271 | 1993.841 | 2318.673 | 1.202 | 1.577 | 501.545 | 1 | 14.712 |
| 9/18/2018 1:35 | 1049700 | 12.841 | 17.665 | 29.268 | 1996.964 | 2322.319 | 1.204 | 1.579 | 500.76 | 1 | 14.714 |
| 9/18/2018 1:40 | 1050000 | 12.838 | 17.665 | 29.261 | 2000.513 | 2326.451 | 1.206 | 1.582 | 499.872 | 1 | 14.715 |
| 9/18/2018 1:45 | 1050300 | 12.836 | 17.665 | 29.258 | 2005.394 | 2332.118 | 1.209 | 1.586 | 498.655 | 1 | 14.716 |
| 9/18/2018 1:50 | 1050600 | 12.838 | 17.665 | 29.261 | 2010.646 | 2338.212 | 1.213 | 1.59 | 497.353 | 1 | 14.713 |
| 9/18/2018 1:55 | 1050900 | 12.839 | 17.665 | 29.264 | 2014.938 | 2343.204 | 1.216 | 1.59 | 496.293 | 1 | 14.715 |
| 9/18/2018 2:00 | 1051200 | 12.843 | 17.665 | 29.272 | 2019.297 | 2348.273 | 1.218 | 1.597 | 495.222 | 1 | 14.711 |
| 9/18/2018 2:05 | 1051500 | 12.84 | 17.665 | 29.267 | 2023.305 | 2352.951 | 1.221 | 1.6 | 494.241 | 1 | 14.711 |
| 9/18/2018 2:10 | 1051800 | 12.842 | 17.665 | 29.27 | 2026.87 | 2357.075 | 1.223 | 1.603 | 493.371 | 1 | 14.711 |
| 9/18/2018 2:15 | 1052100 | 12.841 | 17.665 | 29.268 | 2029.84 | 2360.56 | 1.225 | 1.605 | 492.65 | 1 | 14.711 |
| 9/18/2018 2:20 | 1052400 | 12.843 | 17.665 | 29.272 | 2032.189 | 2363.26 | 1.227 | 1.607 | 492.08 | 1 | 14.712 |
| 9/18/2018 2:25 | 1052700 | 12.842 | 17.665 | 29.272 | 2034.771 | 2366.258 | 1.228 | 1.609 | 491.456 | 1 | 14.712 |
| 9/18/2018 2:30 | 1053000 | 12.842 | 17.666 | 29.27 | 2037.161 | 2369.029 | 1.23 | 1.611 | 490.879 | 1 | 14.712 |
| 9/18/2018 2:35 | 1053300 | 12.842 | 17.665 | 29.27 | 2039.172 | 2371.38 | 1.231 | 1.613 | 490.395 | 1 | 14.713 |
| 9/18/2018 2:40 | 1053600 | 12.841 | 17.665 | 29.268 | 2040.621 | 2373.075 | 1.232 | 1.614 | 490.047 | 1 | 14.713 |
| 9/18/2018 2:45 | 1053900 | 12.84 | 17.665 | 29.266 | 2042.301 | 2375.02 | 1.233 | 1.615 | 489.644 | 1 | 14.713 |
| 9/18/2018 2:50 | 1054200 | 12.84 | 17.666 | 29.266 | 2043.871 | 2376.836 | 1.234 | 1.616 | 489.268 | 1 | 14.713 |
| 9/18/2018 2:55 | 1054500 | 12.84 | 17.666 | 29.267 | 2045.133 | 2378.304 | 1.235 | 1.617 | 488.966 | 1 | 14.713 |
| 9/18/2018 3:00 | 1054800 | 12.84 | 17.666 | 29.267 | 2046.344 | 2379.708 | 1.235 | 1.618 | 488.676 | 1 | 14.713 |
| 9/18/2018 3:05 | 1055100 | 12.84 | 17.665 | 29.267 | 2047.224 | 2380.744 | 1.236 | 1.619 | 488.466 | 1 | 14.711 |
| 9/18/2018 3:10 | 1055400 | 12.842 | 17.665 | 29.271 | 2048.316 | 2382.009 | 1.237 | 1.62 | 488.206 | 1 | 14.712 |
| 9/18/2018 3:15 | 1055700 | 12.843 | 17.665 | 29.274 | 2049.114 | 2382.937 | 1.237 | 1.62 | 488.016 | 1 | 14.71 |
| 9/18/2018 3:20 | 1056000 | 12.843 | 17.665 | 29.273 | 2049.897 | 2383.881 | 1.238 | 1.621 | 487.829 | 1 | 14.71 |
| 9/18/2018 3:25 | 1056300 | 12.841 | 17.666 | 29.269 | 2050.911 | 2385.018 | 1.238 | 1.622 | 487.588 | 1 | 14.709 |
| 9/18/2018 3:30 | 1056600 | 12.842 | 17.665 | 29.27 | 2051.768 | 2386.033 | 1.239 | 1.623 | 487.385 | 1 | 14.709 |
| 9/18/2018 3:35 | 1056900 | 12.84 | 17.666 | 29.266 | 2052.04 | 2386.332 | 1.239 | 1.62 | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/18/2018 12:50 | 1090200 | 12.822 | 17.665 | 29.225 | 2012.719 | 2340.641 | 1.214 | 1.592 | 496.84 | 1 | 14.723 |
| 9/18/2018 12:55 | 1090500 | 12.822 | 17.665 | 29.225 | 2012.197 | 2340.029 | 1.214 | 1.591 | 496.969 | 1 | 14.722 |
| 9/18/2018 13:00 | 1090800 | 12.822 | 17.665 | 29.224 | 2011.835 | 2339.608 | 1.214 | 1.591 | 497.059 | 1 | 14.721 |
| 9/18/2018 13:05 | 1091100 | 12.822 | 17.665 | 29.226 | 2012.197 | 2340.016 | 1.214 | 1.591 | 496.969 | 1 | 14.721 |
| 9/18/2018 13:10 | 1091400 | 12.822 | 17.665 | 29.225 | 2011.996 | 2339.813 | 1.214 | 1.591 | 497.019 | 1 | 14.718 |
| 9/18/2018 13:15 | 1091700 | 12.823 | 17.665 | 29.227 | 2011.247 | 2338.938 | 1.213 | 1.59 | 497.204 | 1 | 14.717 |
| 9/18/2018 13:20 | 1092000 | 12.824 | 17.665 | 29.23 | 2010.887 | 2338.524 | 1.213 | 1.59 | 497.293 | 1 | 14.716 |
| 9/18/2018 13:25 | 1092300 | 12.824 | 17.665 | 29.229 | 2010.908 | 2338.549 | 1.213 | 1.59 | 497.288 | 1 | 14.714 |
| 9/18/2018 13:30 | 1092600 | 12.825 | 17.665 | 29.233 | 2011.013 | 2338.657 | 1.213 | 1.59 | 497.262 | 1 | 14.713 |
| 9/18/2018 13:35 | 1092900 | 12.822 | 17.665 | 29.225 | 2010.751 | 2338.344 | 1.213 | 1.59 | 497.327 | 1 | 14.714 |
| 9/18/2018 13:40 | 1093200 | 12.82 | 17.665 | 29.222 | 2010.455 | 2338.012 | 1.213 | 1.59 | 497.4 | 1 | 14.715 |
| 9/18/2018 13:45 | 1093500 | 12.819 | 17.665 | 29.219 | 2010.191 | 2337.706 | 1.213 | 1.59 | 497.465 | 1 | 14.716 |
| 9/18/2018 13:50 | 1093800 | 12.821 | 17.665 | 29.222 | 2009.911 | 2337.362 | 1.212 | 1.589 | 497.534 | 1 | 14.713 |
| 9/18/2018 13:55 | 1094100 | 12.821 | 17.665 | 29.224 | 2009.453 | 2336.861 | 1.212 | 1.589 | 497.648 | 1 | 14.711 |
| 9/18/2018 14:00 | 1094400 | 12.823 | 17.665 | 29.227 | 2009.795 | 2337.258 | 1.212 | 1.589 | 497.563 | 1 | 14.709 |
| 9/18/2018 14:05 | 1094700 | 12.822 | 17.665 | 29.224 | 2009.49 | 2336.872 | 1.212 | 1.589 | 497.639 | 1 | 14.709 |
| 9/18/2018 14:10 | 1095000 | 12.822 | 17.665 | 29.225 | 2009.296 | 2336.669 | 1.212 | 1.589 | 497.687 | 1 | 14.709 |
| 9/18/2018 14:15 | 1095300 | 12.821 | 17.665 | 29.223 | 2009.424 | 2336.814 | 1.212 | 1.589 | 497.655 | 1 | 14.709 |
| 9/18/2018 14:20 | 1095600 | 12.822 | 17.665 | 29.225 | 2009.168 | 2336.517 | 1.212 | 1.589 | 497.718 | 1 | 14.707 |
| 9/18/2018 14:25 | 1095900 | 12.822 | 17.665 | 29.226 | 2008.803 | 2336.1 | 1.212 | 1.589 | 497.809 | 1 | 14.705 |
| 9/18/2018 14:30 | 1096200 | 12.825 | 17.665 | 29.233 | 2008.447 | 2335.664 | 1.211 | 1.588 | 497.897 | 1 | 14.703 |
| 9/18/2018 14:35 | 1096500 | 12.824 | 17.665 | 29.23 | 2009.073 | 2336.401 | 1.212 | 1.589 | 497.742 | 1 | 14.703 |
| 9/18/2018 14:40 | 1096800 | 12.823 | 17.665 | 29.227 | 2008.768 | 2336.041 | 1.212 | 1.589 | 497.818 | 1 | 14.704 |
| 9/18/2018 14:45 | 1097100 | 12.821 | 17.665 | 29.223 | 2008.774 | 2336.058 | 1.212 | 1.589 | 497.816 | 1 | 14.704 |
| 9/18/2018 14:50 | 1097400 | 12.821 | 17.665 | 29.224 | 2008.34 | 2335.557 | 1.211 | 1.588 | 497.924 | 1 | 14.703 |
| 9/18/2018 14:55 | 1097700 | 12.823 | 17.665 | 29.228 | 2008.25 | 2335.458 | 1.211 | 1.588 | 497.946 | 1 | 14.703 |
| 9/18/2018 15:00 | 1098000 | 12.823 | 17.665 | 29.229 | 2008.188 | 2335.385 | 1.211 | 1.588 | 497.961 | 1 | 14.702 |
| 9/18/2018 15:05 | 1098300 | 12.824 | 17.665 | 29.229 | 2007.734 | 2334.83 | 1.211 | 1.588 | 498.074 | 1 | 14.702 |
| 9/18/2018 15:10 | 1098600 | 12.822 | 17.665 | 29.225 | 2007.222 | 2334.253 | 1.211 | 1.587 | 498.201 | 1 | 14.703 |
| 9/18/2018 15:15 | 1098900 | 12.82 | 17.665 | 29.221 | 2007.52 | 2334.595 | 1.211 | 1.588 | 498.127 | 1 | 14.704 |
| 9/18/2018 15:20 | 1099200 | 12.823 | 17.665 | 29.227 | 2007.832 | 2334.98 | 1.211 | 1.588 | 498.05 | 1 | 14.703 |
| 9/18/2018 15:25 | 1099500 | 12.821 | 17.665 | 29.224 | 2007.549 | 2334.62 | 1.211 | 1.588 | 498.12 | 1 | 14.702 |
| 9/18/2018 15:30 | 1099800 | 12.823 | 17.665 | 29.228 | 2007.504 | 2334.59 | 1.211 | 1.588 | 498.131 | 1 | 14.7 |
| 9/18/2018 15:35 | 1100100 | 12.821 | 17.665 | 29.223 | 2006.787 | 2333.751 | 1.21 | 1.587 | 498.309 | 1 | 14.702 |
| 9/18/2018 15:40 | 1100400 | 12.821 | 17.665 | 29.222 | 2006.842 | 2333.811 | 1.21 | 1.587 | 498.295 | 1 | 14.703 |
| 9/18/2018 15:45 | 1100700 | 12.819 | 17.665 | 29.219 | 2006.763 | 2333.71 | 1.21 | 1.587 | 498.315 | 1 | 14.704 |
| 9/18/2018 15:50 | 1101000 | 12.819 | 17.665 | 29.22 | 2006.801 | 2333.75 | 1.21 | 1.587 | 498.305 | 1 | 14.702 |
| 9/18/2018 15:55 | 1101300 | 12.822 | 17.665 | 29.225 | 2006.19 | 2333.056 | 1.21 | 1.586 | 498.457 | 1 | 14.7 |
| 9/18/2018 16:00 | 1101600 | 12.823 | 17.665 | 29.227 | 2005.543 | 2332.458 | 1.21 | 1.587 | 498.37 | 1 | 14.698 |
| 9/18/2018 16:05 | 1101900 | 12.818 | 17.665 | 29.216 | 2005.95 | 2332.774 | 1.21 | 1.586 | 498.517 | 1 | 14.7 |
| 9/18/2018 16:10 | 1102200 | 12.816 | 17.665 | 29.212 | 2005.497 | 2332.255 | 1.21 | 1.586 | 498.63 | 1 | 14.702 |
| 9/18/2018 16:15 | 1102500 | 12.814 | 17.665 | 29.207 | 2006.105 | 2332.94 | 1.21 | 1.586 | 498.478 | 1 | 14.705 |
| 9/18/2018 16:20 | 1102800 | 12.814 | 17.665 | 29.207 | 2005.365 | 2332.084 | 1.209 | 1.586 | 498.662 | 1 | 14.704 |
| 9/18/2018 16:25 | 1103100 | 12.813 | 17.665 | 29.205 | 2005.752 | 2332.534 | 1.21 | 1.586 | 498.566 | 1 | 14.704 |
| 9/18/2018 16:30 | 1103400 | 12.814 | 17.665 | 29.207 | 2005.049 | 2331.722 | 1.209 | 1.586 | 498.741 | 1 | 14.704 |
| 9/18/2018 16:35 | 1103700 | 12.814 | 17.665 | 29.206 | 2005.431 | 2332.174 | 1.21 | 1.586 | 498.646 | 1 | 14.703 |
| 9/18/2018 16:40 | 1104000 | 12.813 | 17.665 | 29.204 | 2004.859 | 2331.486 | 1.209 | 1.585 | 498.788 | 1 | 14.702 |
| 9/18/2018 16:45 | 1104300 | 12.811 | 17.665 | 29.201 | 2004.452 | 2331.018 | 1.209 | 1.585 | 498.889 | 1 | 14.701 |
| 9/18/2018 16:50 | 1104600 | 12.817 | 17.665 | 29.214 | 2004.525 | 2331.098 | 1.209 | 1.585 | 498.871 | 1 | 14.699 |
| 9/18/2018 16:55 | 1104900 | 12.817 | 17.665 | 29.214 | 2004.617 | 2331.219 | 1.209 | 1.585 | 498.848 | 1 | 14.697 |
| 9/18/2018 17:00 | 1105200 | 12.819 | 17.665 | 29.218 | 2004.187 | 2330.719 | 1.209 | 1.585 | 498.956 | 1 | 14.694 |
| 9/18/2018 17:05 | 1105500 | 12.818 | 17.665 | 29.217 | 2004.265 | 2330.818 | 1.209 | 1.585 | 498.936 | 1 | 14.695 |
| 9/18/2018 17:10 | 1105800 | 12.818 | 17.665 | 29.217 | 2004.348 | 2330.892 | 1.209 | 1.585 | 498.915 | 1 | 14.695 |
| 9/18/2018 17:15 | 1106100 | 12.817 | 17.665 | 29.215 | 2003.821 | 2330.289 | 1.208 | 1.585 | 499.047 | 1 | 14.695 |
| 9/18/2018 17:20 | 1106400 | 12.816 | 17.665 | 29.212 | 2003.437 | 2329.856 | 1.208 | 1.584 | 499.142 | 1 | 14.696 |
| 9/18/2018 17:25 | 1106700 | 12.816 | 17.665 | 29.211 | 2003.855 | 2330.337 | 1.209 | 1.585 | 499.038 | 1 | 14.696 |
| 9/18/2018 17:30 | 1107000 | 12.812 | 17.665 | 29.203 | 2003.781 | 2330.255 | 1.208 | 1.585 | 499.057 | 1 | 14.697 |
| 9/18/2018 17:35 | 1107300 | 12.815 | 17.665 | 29.211 | 2003.013 | 2329.376 | 1.208 | 1.584 | 499.248 | 1 | 14.695 |
| 9/18/2018 17:40 | 1107600 | 12.815 | 17.665 | 29.21 | 2002.876 | 2329.185 | 1.208 | 1.584 | 499.282 | 1 | 14.693 |
| 9/18/2018 17:45 | 1107900 | 12.817 | 17.665 | 29.214 | 2002.882 | 2329.206 | 1.208 | 1.584 | 499.281 | 1 | 14.693 |
| 9/18/2018 17:50 | 1108200 | 12.818 | 17.665 | 29.216 | 2002.674 | 2328.955 | 1.208 | 1.584 | 499.332 | 1 | 14.69 |
| 9/18/2018 17:55 | 1108500 | 12.82 | 17.665 | 29.222 | 2003.129 | 2329.48 | 1.208 | 1.584 | 499.219 | 1 | 14.689 |
| 9/18/2018 18:00 | 1108800 | 12.82 | 17.665 | 29.222 | 2002.765 | 2329.07 | 1.208 | 1.584 | 499.31 | 1 | 14.689 |
| 9/18/2018 18:05 | 1109100 | 12.818 | 17.665 | 29.216 | 2002.246 | 2328.467 | 1.208 | 1.583 | 499.439 | 1 | 14.69 |
| 9/18/2018 18:10 | 1109400 | 12.817 | 17.665 | 29.215 | 2002.458 | 2328.709 | 1.208 | 1.584 | 499.386 | 1 | 14.691 |
| 9/18/2018 18:15 | 1109700 | 12.816 | 17.665 | 29.211 | 2002.109 | 2328.302 | 1.207 | 1.583 | 499.473 | 1 | 14.692 |
| 9/18/2018 18:20 | 1110000 | 12.811 | 17.665 | 29.212 | 2001.706 | 2327.839 | 1.207 | 1.583 | 499.574 | 1 | 14.691 |
| 9/18/2018 18:25 | 1110300 | 12.818 | 17.665 | 29.215 | 2001.823 | 2327.987 | 1.207 | 1.583 | 499.545 | 1 | 14.69 |
| 9/18/2018 18:30 | 1110600 | 12.818 | 17.665 | 29.215 | 2001.883 | 2328.025 | 1.207 | 1.583 | 499.53 | 1 | 14.689 |
| 9/18/2018 18:35 | 1110900 | 12.819 | 17.665 | 29.218 | 2001.761 | 2327.915 | 1.207 | 1.583 | 499.56 | 1 | 14.689 |
| 9/18/2018 18:40 | 1111200 | 12.819 | 17.665 | 29.219 | 2001.758 | 2327.912 | 1.207 | 1.583 | 499.561 | 1 | 14.688 |
| 9/18/2018 18:45 | 1111500 | 12.821 | 17.665 | 29.222 | 2001.748 | 2327.882 | 1.207 | 1.583 | 499.563 | 1 | 14.688 |
| 9/18/2018 18:50 | 1111800 | 12.819 | 17.665 | 29.217 | 2001.096 | 2327.125 | 1.207 | 1.582 | 499.726 | 1 | 14.689 |
| 9/18/2018 18:55 | 1112100 | 12.818 | 17.665 | 29.215 | 2001.451 | 2327.545 | 1.207 | 1.583 | 499.638 | 1 | 14.69 |
| 9/18/2018 19:00 | 1112400 | 12.816 | 17.665 | 29.213 | 2001.561 | 2327.651 | 1.207 | 1.583 | 499.61 | 1 | 14.691 |
| 9/18/2018 19:05 | 1112700 | 12.818 | 17.665 | 29.217 | 2001.051 | 2327.072 | 1.207 | 1.582 | 499.737 | 1 | 14.689 |
| 9/18/2018 19:10 | 1113000 | 12.819 | 17.665 | 29.218 | 2000.919 | 2326.914 | 1.207 | 1.582 | 499.737 | 1 | 14.686 |
| 9/18/2018 19:15 | 1113300 | 12.821 | 17.665 | 29.224 | 2001.119 | 2327.142 | 1.207 | 1.582 | 499.721 | 1 | 14.684 |
| 9/18/2018 19:20 | 1113600 | 12.818 | 17.665 | 29.217 | 2001.074 | 2327.081 | 1.207 | 1.582 | 499.732 | 1 | 14.686 |
| 9/18/2018 19:25 | 1113900 | 12.818 | 17.665 | 29.215 | 2000.526 | 2326.466 | 1.206 | 1.582 | 499.869 | 1 | 14.689 |
| 9/18/2018 19:30 | 1114200 | 12.815 | 17.665 | 29.21 | 2000.16 | 2326.017 | 1.206 | 1.582 | 499.96 | 1 | 14.691 |
| 9/18/2018 19:35 | 1114500 | 12.815 | 17.665 | 29.21 | 2000.531 | 2326.48 | 1.206 | 1.582 | 499.867 | 1 | 14.692 |
| 9/18/2018 19:40 | 1114800 | 12.815 | 17.665 | 29.209 | 2000.369 | 2326.284 | 1.206 | 1.582 | 499.908 | 1 | 14.692 |
| 9/18/2018 19:45 | 1115100 | 12.814 | 17.665 | 29.207 | 1999.713 | 2325.524 | 1.206 | 1.581 | 500.072 | 1 | 14.693 |
| 9/18/2018 19:50 | 1115400 | 12.813 | 17.665 | 29.204 | 2000.056 | 2325.909 | 1.206 | 1.582 | 499.986 | 1 | 14.693 |
| 9/18/2018 19:55 | 1115700 | 12.813 | 17.665 | 29.204 | 1999.914 | 2325.75 | 1.206 | 1.581 | 500.023 | 1 | 14.694 |
| 9/18/2018 20:00 | 1116000 | 12.8 | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/19/2018 5:15 | 1149300 | 12.807 | 17.666 | 29.191 | 2044.301 | 2377.337 | 1.234 | 1.617 | 489.165 | 1 | 14.69 |
| 9/19/2018 5:20 | 1149600 | 12.809 | 17.666 | 29.196 | 2044.063 | 2377.055 | 1.234 | 1.616 | 489.222 | 1 | 14.687 |
| 9/19/2018 5:25 | 1149900 | 12.812 | 17.665 | 29.204 | 2043.882 | 2376.864 | 1.234 | 1.616 | 489.265 | 1 | 14.685 |
| 9/19/2018 5:30 | 1150200 | 12.813 | 17.665 | 29.206 | 2043.865 | 2376.843 | 1.234 | 1.616 | 489.269 | 1 | 14.683 |
| 9/19/2018 5:35 | 1150500 | 12.814 | 17.665 | 29.206 | 2043.532 | 2376.46 | 1.234 | 1.616 | 489.349 | 1 | 14.683 |
| 9/19/2018 5:40 | 1150800 | 12.814 | 17.665 | 29.208 | 2043.701 | 2376.657 | 1.234 | 1.616 | 489.308 | 1 | 14.683 |
| 9/19/2018 5:45 | 1151100 | 12.814 | 17.665 | 29.208 | 2043.242 | 2376.114 | 1.234 | 1.616 | 489.418 | 1 | 14.684 |
| 9/19/2018 5:50 | 1151400 | 12.813 | 17.665 | 29.204 | 2043.315 | 2376.204 | 1.234 | 1.616 | 489.401 | 1 | 14.685 |
| 9/19/2018 5:55 | 1151700 | 12.811 | 17.665 | 29.199 | 2043.137 | 2375.997 | 1.233 | 1.616 | 489.443 | 1 | 14.686 |
| 9/19/2018 6:00 | 1152000 | 12.809 | 17.665 | 29.195 | 2043.571 | 2376.525 | 1.234 | 1.616 | 489.339 | 1 | 14.688 |
| 9/19/2018 6:05 | 1152300 | 12.809 | 17.665 | 29.196 | 2043.087 | 2375.957 | 1.233 | 1.616 | 489.455 | 1 | 14.687 |
| 9/19/2018 6:10 | 1152600 | 12.81 | 17.665 | 29.199 | 2043.461 | 2376.378 | 1.234 | 1.616 | 489.366 | 1 | 14.687 |
| 9/19/2018 6:15 | 1152900 | 12.812 | 17.665 | 29.202 | 2043.082 | 2375.942 | 1.233 | 1.616 | 489.457 | 1 | 14.687 |
| 9/19/2018 6:20 | 1153200 | 12.811 | 17.665 | 29.2 | 2043.252 | 2376.139 | 1.234 | 1.616 | 489.416 | 1 | 14.688 |
| 9/19/2018 6:25 | 1153500 | 12.813 | 17.665 | 29.204 | 2042.72 | 2375.521 | 1.233 | 1.615 | 489.543 | 1 | 14.688 |
| 9/19/2018 6:30 | 1153800 | 12.811 | 17.665 | 29.2 | 2042.195 | 2374.929 | 1.233 | 1.615 | 489.669 | 1 | 14.688 |
| 9/19/2018 6:35 | 1154100 | 12.812 | 17.665 | 29.202 | 2042.437 | 2375.209 | 1.233 | 1.615 | 489.611 | 1 | 14.688 |
| 9/19/2018 6:40 | 1154400 | 12.812 | 17.665 | 29.202 | 2042.028 | 2374.716 | 1.233 | 1.615 | 489.709 | 1 | 14.689 |
| 9/19/2018 6:45 | 1154700 | 12.813 | 17.665 | 29.205 | 2042.066 | 2374.751 | 1.233 | 1.615 | 489.7 | 1 | 14.689 |
| 9/19/2018 6:50 | 1155000 | 12.81 | 17.665 | 29.198 | 2042.063 | 2374.757 | 1.233 | 1.615 | 489.701 | 1 | 14.691 |
| 9/19/2018 6:55 | 1155300 | 12.808 | 17.665 | 29.194 | 2041.891 | 2374.565 | 1.233 | 1.615 | 489.742 | 1 | 14.693 |
| 9/19/2018 7:00 | 1155600 | 12.807 | 17.665 | 29.191 | 2041.392 | 2373.99 | 1.232 | 1.614 | 489.862 | 1 | 14.696 |
| 9/19/2018 7:05 | 1155900 | 12.808 | 17.665 | 29.194 | 2041.031 | 2373.566 | 1.232 | 1.614 | 489.948 | 1 | 14.695 |
| 9/19/2018 7:10 | 1156200 | 12.809 | 17.665 | 29.197 | 2041.306 | 2373.894 | 1.232 | 1.614 | 489.883 | 1 | 14.695 |
| 9/19/2018 7:15 | 1156500 | 12.81 | 17.665 | 29.197 | 2040.747 | 2373.253 | 1.232 | 1.614 | 490.017 | 1 | 14.695 |
| 9/19/2018 7:20 | 1156800 | 12.809 | 17.665 | 29.195 | 2040.242 | 2372.62 | 1.232 | 1.613 | 490.138 | 1 | 14.695 |
| 9/19/2018 7:25 | 1157100 | 12.81 | 17.665 | 29.197 | 2040.504 | 2372.958 | 1.232 | 1.614 | 490.075 | 1 | 14.694 |
| 9/19/2018 7:30 | 1157400 | 12.808 | 17.665 | 29.194 | 2039.736 | 2372.05 | 1.231 | 1.613 | 490.26 | 1 | 14.694 |
| 9/19/2018 7:35 | 1157700 | 12.809 | 17.665 | 29.196 | 2040.098 | 2372.49 | 1.232 | 1.613 | 490.172 | 1 | 14.695 |
| 9/19/2018 7:40 | 1158000 | 12.808 | 17.665 | 29.194 | 2039.26 | 2371.52 | 1.231 | 1.613 | 490.374 | 1 | 14.696 |
| 9/19/2018 7:45 | 1158300 | 12.807 | 17.665 | 29.191 | 2039.406 | 2371.667 | 1.231 | 1.613 | 490.339 | 1 | 14.697 |
| 9/19/2018 7:50 | 1158600 | 12.807 | 17.665 | 29.192 | 2039.385 | 2371.675 | 1.231 | 1.613 | 490.344 | 1 | 14.696 |
| 9/19/2018 7:55 | 1158900 | 12.809 | 17.665 | 29.196 | 2039.006 | 2371.229 | 1.231 | 1.612 | 490.435 | 1 | 14.695 |
| 9/19/2018 8:00 | 1159200 | 12.811 | 17.665 | 29.2 | 2038.455 | 2370.588 | 1.231 | 1.612 | 490.568 | 1 | 14.694 |
| 9/19/2018 8:05 | 1159500 | 12.81 | 17.664 | 29.198 | 2038.608 | 2370.776 | 1.231 | 1.612 | 490.531 | 1 | 14.696 |
| 9/19/2018 8:10 | 1159800 | 12.807 | 17.665 | 29.192 | 2037.646 | 2369.624 | 1.23 | 1.611 | 490.763 | 1 | 14.698 |
| 9/19/2018 8:15 | 1160100 | 12.808 | 17.665 | 29.193 | 2037.759 | 2369.766 | 1.23 | 1.611 | 490.735 | 1 | 14.699 |
| 9/19/2018 8:20 | 1160400 | 12.808 | 17.665 | 29.193 | 2037.188 | 2369.091 | 1.23 | 1.611 | 490.873 | 1 | 14.699 |
| 9/19/2018 8:25 | 1160700 | 12.81 | 17.665 | 29.197 | 2037.441 | 2369.386 | 1.23 | 1.611 | 490.812 | 1 | 14.698 |
| 9/19/2018 8:30 | 1161000 | 12.809 | 17.665 | 29.195 | 2036.332 | 2368.115 | 1.229 | 1.61 | 491.079 | 1 | 14.697 |
| 9/19/2018 8:35 | 1161300 | 12.807 | 17.665 | 29.191 | 2035.912 | 2367.613 | 1.229 | 1.61 | 491.18 | 1 | 14.698 |
| 9/19/2018 8:40 | 1161600 | 12.808 | 17.665 | 29.193 | 2035.652 | 2367.296 | 1.229 | 1.61 | 491.243 | 1 | 14.698 |
| 9/19/2018 8:45 | 1161900 | 12.807 | 17.665 | 29.192 | 2035.675 | 2367.341 | 1.229 | 1.61 | 491.238 | 1 | 14.699 |
| 9/19/2018 8:50 | 1162200 | 12.807 | 17.665 | 29.19 | 2035.244 | 2366.831 | 1.228 | 1.609 | 491.342 | 1 | 14.7 |
| 9/19/2018 8:55 | 1162500 | 12.806 | 17.665 | 29.188 | 2034.989 | 2366.534 | 1.228 | 1.609 | 491.403 | 1 | 14.701 |
| 9/19/2018 9:00 | 1162800 | 12.806 | 17.665 | 29.188 | 2034.638 | 2366.145 | 1.228 | 1.609 | 491.488 | 1 | 14.7 |
| 9/19/2018 9:05 | 1163100 | 12.806 | 17.665 | 29.189 | 2033.671 | 2365.02 | 1.227 | 1.608 | 491.722 | 1 | 14.7 |
| 9/19/2018 9:10 | 1163400 | 12.807 | 17.665 | 29.19 | 2033.224 | 2364.5 | 1.227 | 1.608 | 491.83 | 1 | 14.699 |
| 9/19/2018 9:15 | 1163700 | 12.807 | 17.665 | 29.192 | 2033.178 | 2364.438 | 1.227 | 1.608 | 491.841 | 1 | 14.698 |
| 9/19/2018 9:20 | 1164000 | 12.809 | 17.665 | 29.196 | 2032.583 | 2363.75 | 1.227 | 1.607 | 491.985 | 1 | 14.699 |
| 9/19/2018 9:25 | 1164300 | 12.807 | 17.665 | 29.191 | 2032.077 | 2363.161 | 1.226 | 1.607 | 492.107 | 1 | 14.699 |
| 9/19/2018 9:30 | 1164600 | 12.806 | 17.665 | 29.189 | 2031.472 | 2362.462 | 1.226 | 1.606 | 492.254 | 1 | 14.7 |
| 9/19/2018 9:35 | 1164900 | 12.806 | 17.664 | 29.189 | 2031.056 | 2361.993 | 1.226 | 1.606 | 492.355 | 1 | 14.698 |
| 9/19/2018 9:40 | 1165200 | 12.809 | 17.665 | 29.195 | 2030.838 | 2361.725 | 1.226 | 1.606 | 492.408 | 1 | 14.697 |
| 9/19/2018 9:45 | 1165500 | 12.81 | 17.665 | 29.199 | 2030.354 | 2361.157 | 1.225 | 1.606 | 492.525 | 1 | 14.695 |
| 9/19/2018 9:50 | 1165800 | 12.809 | 17.665 | 29.197 | 2030.274 | 2361.07 | 1.225 | 1.606 | 492.544 | 1 | 14.697 |
| 9/19/2018 9:55 | 1166100 | 12.805 | 17.665 | 29.186 | 2029.538 | 2360.213 | 1.225 | 1.605 | 492.723 | 1 | 14.7 |
| 9/19/2018 10:00 | 1166400 | 12.801 | 17.665 | 29.182 | 2029.183 | 2359.801 | 1.225 | 1.601 | 492.809 | 1 | 14.702 |
| 9/19/2018 10:05 | 1166700 | 12.8 | 17.665 | 29.176 | 2029.199 | 2359.81 | 1.225 | 1.605 | 492.805 | 1 | 14.704 |
| 9/19/2018 10:10 | 1167000 | 12.799 | 17.665 | 29.174 | 2027.979 | 2358.406 | 1.224 | 1.604 | 493.102 | 1 | 14.705 |
| 9/19/2018 10:15 | 1167300 | 12.797 | 17.665 | 29.167 | 2028.237 | 2358.692 | 1.224 | 1.604 | 493.039 | 1 | 14.707 |
| 9/19/2018 10:20 | 1167600 | 12.801 | 17.664 | 29.176 | 2027.481 | 2357.845 | 1.224 | 1.603 | 493.223 | 1 | 14.703 |
| 9/19/2018 10:25 | 1167900 | 12.804 | 17.665 | 29.184 | 2027.505 | 2357.85 | 1.224 | 1.603 | 493.217 | 1 | 14.7 |
| 9/19/2018 10:30 | 1168200 | 12.808 | 17.664 | 29.193 | 2026.954 | 2357.236 | 1.223 | 1.603 | 493.351 | 1 | 14.697 |
| 9/19/2018 10:35 | 1168500 | 12.806 | 17.665 | 29.189 | 2026.194 | 2356.324 | 1.223 | 1.602 | 493.536 | 1 | 14.699 |
| 9/19/2018 10:40 | 1168800 | 12.804 | 17.665 | 29.183 | 2026.247 | 2356.396 | 1.223 | 1.602 | 493.523 | 1 | 14.701 |
| 9/19/2018 10:45 | 1169100 | 12.801 | 17.665 | 29.177 | 2025.506 | 2355.525 | 1.222 | 1.601 | 493.704 | 1 | 14.698 |
| 9/19/2018 10:50 | 1169400 | 12.803 | 17.664 | 29.181 | 2025.475 | 2355.512 | 1.222 | 1.602 | 493.711 | 1 | 14.702 |
| 9/19/2018 10:55 | 1169700 | 12.804 | 17.665 | 29.184 | 2024.823 | 2354.726 | 1.222 | 1.601 | 493.87 | 1 | 14.7 |
| 9/19/2018 11:00 | 1170000 | 12.806 | 17.665 | 29.188 | 2024.516 | 2354.365 | 1.222 | 1.601 | 493.945 | 1 | 14.698 |
| 9/19/2018 11:05 | 1170300 | 12.805 | 17.665 | 29.185 | 2024.183 | 2353.981 | 1.221 | 1.601 | 494.026 | 1 | 14.699 |
| 9/19/2018 11:10 | 1170600 | 12.804 | 17.665 | 29.185 | 2023.8 | 2353.541 | 1.221 | 1.6 | 494.12 | 1 | 14.699 |
| 9/19/2018 11:15 | 1170900 | 12.803 | 17.664 | 29.183 | 2024.702 | 2354.603 | 1.222 | 1.601 | 493.9 | 1 | 14.699 |
| 9/19/2018 11:20 | 1171200 | 12.805 | 17.665 | 29.186 | 2025.271 | 2355.256 | 1.222 | 1.602 | 493.761 | 1 | 14.697 |
| 9/19/2018 11:25 | 1171500 | 12.805 | 17.665 | 29.188 | 2026.232 | 2356.36 | 1.223 | 1.602 | 493.527 | 1 | 14.694 |
| 9/19/2018 11:30 | 1171800 | 12.808 | 17.665 | 29.194 | 2026.541 | 2356.733 | 1.223 | 1.603 | 493.452 | 1 | 14.691 |
| 9/19/2018 11:35 | 1172100 | 12.807 | 17.665 | 29.191 | 2028.009 | 2358.408 | 1.224 | 1.604 | 493.094 | 1 | 14.692 |
| 9/19/2018 11:40 | 1172400 | 12.806 | 17.665 | 29.189 | 2028.766 | 2359.311 | 1.224 | 1.604 | 492.91 | 1 | 14.693 |
| 9/19/2018 11:45 | 1172700 | 12.802 | 17.665 | 29.18 | 2030.233 | 2361.017 | 1.225 | 1.605 | 492.554 | 1 | 14.695 |
| 9/19/2018 11:50 | 1173000 | 12.805 | 17.665 | 29.186 | 2030.613 | 2361.451 | 1.226 | 1.606 | 492.462 | 1 | 14.691 |
| 9/19/2018 11:55 | 1173300 | 12.809 | 17.665 | 29.196 | 2031.995 | 2363.053 | 1.226 | 1.607 | 492.127 | 1 | 14.688 |
| 9/19/2018 12:00 | 1173600 | 12.813 | 17.665 | 29.205 | 2032.529 | 2363.679 | 1.227 | 1.607 | 491.998 | 1 | 14.685 |
| 9/19/2018 12:05 | 1173900 | 12.81 | 17.665 | 29.199 | 2033.753 | 2365.107 | 1.228 | 1.608 | 491.702 | 1 | 14.685 |
| 9/19/2018 12:10 | 1174200 | 12.81 | 17.665 | 29.198 | 2034.977 | 2366.503 | 1.228 | 1.609 | 491.406 | 1 | 14.686 |
| 9/19/2018 12:15 | 1174500 | 12.811 | 17.665 | 29.2 | 2035.767 | 2367.439 | 1.229 | 1.61 | 491.215 | 1 | 14.686 |
| 9/19/2018 12:20 | 1174800 | 12.809 | 17.665 | 29.195 | 2036.726 | 2368.545 | 1.229 | 1.611 | 490.984 | 1 | 14.688 |
| 9/19/2018 12:25 | 1175100 | 12.805 | 17.665 | 29.186 | 2036.963 | 2368.83 | 1.23 | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/19/2018 21:40 | 1208400 | 12.824 | 17.665 | 29.23 | 2042.078 | 2374.792 | 1.233 | 1.615 | 489.697 | 1 | 14.648 |
| 9/19/2018 21:45 | 1208700 | 12.822 | 17.665 | 29.224 | 2042.033 | 2374.753 | 1.233 | 1.615 | 489.708 | 1 | 14.649 |
| 9/19/2018 21:50 | 1209000 | 12.821 | 17.665 | 29.222 | 2041.82 | 2374.497 | 1.233 | 1.615 | 489.759 | 1 | 14.649 |
| 9/19/2018 21:55 | 1209300 | 12.82 | 17.665 | 29.221 | 2041.34 | 2373.943 | 1.232 | 1.614 | 489.874 | 1 | 14.649 |
| 9/19/2018 22:00 | 1209600 | 12.82 | 17.664 | 29.222 | 2040.39 | 2372.857 | 1.232 | 1.614 | 490.102 | 1 | 14.649 |
| 9/19/2018 22:05 | 1209900 | 12.82 | 17.665 | 29.221 | 2040.004 | 2372.376 | 1.231 | 1.613 | 490.195 | 1 | 14.648 |
| 9/19/2018 22:10 | 1210200 | 12.82 | 17.665 | 29.222 | 2039.236 | 2371.491 | 1.231 | 1.613 | 490.38 | 1 | 14.648 |
| 9/19/2018 22:15 | 1210500 | 12.819 | 17.665 | 29.219 | 2038.736 | 2370.911 | 1.231 | 1.612 | 490.5 | 1 | 14.647 |
| 9/19/2018 22:20 | 1210800 | 12.819 | 17.664 | 29.219 | 2038.719 | 2370.914 | 1.231 | 1.612 | 490.504 | 1 | 14.648 |
| 9/19/2018 22:25 | 1211100 | 12.819 | 17.665 | 29.218 | 2037.986 | 2370.038 | 1.23 | 1.611 | 490.681 | 1 | 14.649 |
| 9/19/2018 22:30 | 1211400 | 12.816 | 17.665 | 29.217 | 2037.184 | 2369.101 | 1.23 | 1.611 | 490.874 | 1 | 14.649 |
| 9/19/2018 22:35 | 1211700 | 12.816 | 17.664 | 29.211 | 2036.559 | 2368.406 | 1.229 | 1.611 | 491.024 | 1 | 14.65 |
| 9/19/2018 22:40 | 1212000 | 12.814 | 17.664 | 29.206 | 2036.652 | 2368.501 | 1.229 | 1.611 | 491.002 | 1 | 14.651 |
| 9/19/2018 22:45 | 1212300 | 12.809 | 17.664 | 29.195 | 2035.759 | 2367.462 | 1.229 | 1.61 | 491.217 | 1 | 14.651 |
| 9/19/2018 22:50 | 1212600 | 12.815 | 17.664 | 29.209 | 2034.922 | 2366.489 | 1.228 | 1.609 | 491.419 | 1 | 14.649 |
| 9/19/2018 22:55 | 1212900 | 12.816 | 17.665 | 29.213 | 2034.86 | 2366.412 | 1.228 | 1.609 | 491.434 | 1 | 14.648 |
| 9/19/2018 23:00 | 1213200 | 12.818 | 17.664 | 29.217 | 2033.542 | 2364.898 | 1.227 | 1.608 | 491.753 | 1 | 14.646 |
| 9/19/2018 23:05 | 1213500 | 12.817 | 17.664 | 29.215 | 2033.687 | 2365.052 | 1.227 | 1.608 | 491.718 | 1 | 14.648 |
| 9/19/2018 23:10 | 1213800 | 12.814 | 17.665 | 29.206 | 2032.944 | 2364.167 | 1.227 | 1.608 | 491.897 | 1 | 14.65 |
| 9/19/2018 23:15 | 1214100 | 12.814 | 17.665 | 29.206 | 2031.633 | 2362.65 | 1.226 | 1.607 | 492.215 | 1 | 14.651 |
| 9/19/2018 23:20 | 1214400 | 12.813 | 17.665 | 29.205 | 2031.563 | 2362.578 | 1.226 | 1.607 | 492.232 | 1 | 14.65 |
| 9/19/2018 23:25 | 1214700 | 12.816 | 17.665 | 29.211 | 2030.472 | 2361.304 | 1.225 | 1.606 | 492.496 | 1 | 14.648 |
| 9/19/2018 23:30 | 1215000 | 12.816 | 17.665 | 29.212 | 2029.943 | 2360.694 | 1.225 | 1.605 | 492.625 | 1 | 14.646 |
| 9/19/2018 23:35 | 1215300 | 12.817 | 17.665 | 29.215 | 2029.781 | 2360.506 | 1.225 | 1.605 | 492.664 | 1 | 14.647 |
| 9/19/2018 23:40 | 1215600 | 12.815 | 17.665 | 29.209 | 2028.896 | 2359.477 | 1.224 | 1.604 | 492.879 | 1 | 14.647 |
| 9/19/2018 23:45 | 1215900 | 12.814 | 17.664 | 29.207 | 2027.746 | 2358.167 | 1.224 | 1.604 | 493.158 | 1 | 14.648 |
| 9/19/2018 23:50 | 1216200 | 12.814 | 17.664 | 29.207 | 2028.031 | 2358.475 | 1.224 | 1.604 | 493.089 | 1 | 14.648 |
| 9/19/2018 23:55 | 1216500 | 12.812 | 17.664 | 29.203 | 2027.162 | 2357.469 | 1.223 | 1.603 | 493.301 | 1 | 14.649 |
| 9/20/2018 0:00 | 1216800 | 12.809 | 17.664 | 29.197 | 2025.841 | 2355.933 | 1.222 | 1.602 | 493.622 | 1 | 14.649 |
| 9/20/2018 0:05 | 1217100 | 12.812 | 17.665 | 29.202 | 2025.593 | 2355.636 | 1.222 | 1.602 | 493.682 | 1 | 14.648 |
| 9/20/2018 0:10 | 1217400 | 12.813 | 17.664 | 29.204 | 2024.546 | 2354.449 | 1.222 | 1.601 | 493.938 | 1 | 14.646 |
| 9/20/2018 0:15 | 1217700 | 12.813 | 17.664 | 29.205 | 2023.689 | 2353.43 | 1.221 | 1.6 | 494.147 | 1 | 14.644 |
| 9/20/2018 0:20 | 1218000 | 12.815 | 17.664 | 29.208 | 2023.68 | 2353.415 | 1.221 | 1.6 | 494.149 | 1 | 14.643 |
| 9/20/2018 0:25 | 1218300 | 12.816 | 17.665 | 29.211 | 2023.771 | 2353.511 | 1.221 | 1.6 | 494.127 | 1 | 14.643 |
| 9/20/2018 0:30 | 1218600 | 12.816 | 17.664 | 29.212 | 2024.528 | 2354.401 | 1.222 | 1.601 | 493.942 | 1 | 14.642 |
| 9/20/2018 0:35 | 1218900 | 12.815 | 17.664 | 29.21 | 2025.555 | 2355.605 | 1.222 | 1.602 | 493.692 | 1 | 14.643 |
| 9/20/2018 0:40 | 1219200 | 12.813 | 17.665 | 29.204 | 2026.596 | 2356.784 | 1.223 | 1.603 | 493.438 | 1 | 14.643 |
| 9/20/2018 0:45 | 1219500 | 12.813 | 17.665 | 29.206 | 2027.616 | 2357.965 | 1.224 | 1.603 | 493.189 | 1 | 14.644 |
| 9/20/2018 0:50 | 1219800 | 12.814 | 17.664 | 29.207 | 2028.034 | 2358.488 | 1.224 | 1.604 | 493.088 | 1 | 14.643 |
| 9/20/2018 0:55 | 1220100 | 12.816 | 17.665 | 29.21 | 2029.343 | 2359.996 | 1.225 | 1.605 | 492.77 | 1 | 14.643 |
| 9/20/2018 1:00 | 1220400 | 12.817 | 17.665 | 29.213 | 2029.745 | 2360.441 | 1.225 | 1.605 | 492.673 | 1 | 14.642 |
| 9/20/2018 1:05 | 1220700 | 12.817 | 17.665 | 29.214 | 2030.713 | 2361.575 | 1.226 | 1.606 | 492.438 | 1 | 14.641 |
| 9/20/2018 1:10 | 1221000 | 12.818 | 17.665 | 29.216 | 2031.39 | 2362.358 | 1.226 | 1.606 | 492.274 | 1 | 14.641 |
| 9/20/2018 1:15 | 1221300 | 12.816 | 17.665 | 29.212 | 2032.41 | 2363.545 | 1.227 | 1.607 | 492.027 | 1 | 14.64 |
| 9/20/2018 1:20 | 1221600 | 12.818 | 17.665 | 29.217 | 2032.732 | 2363.906 | 1.227 | 1.607 | 491.949 | 1 | 14.639 |
| 9/20/2018 1:25 | 1221900 | 12.818 | 17.665 | 29.216 | 2034.197 | 2365.613 | 1.228 | 1.609 | 491.594 | 1 | 14.638 |
| 9/20/2018 1:30 | 1222200 | 12.819 | 17.665 | 29.218 | 2034.504 | 2365.984 | 1.228 | 1.609 | 491.52 | 1 | 14.637 |
| 9/20/2018 1:35 | 1222500 | 12.819 | 17.665 | 29.218 | 2035.131 | 2366.691 | 1.228 | 1.609 | 491.369 | 1 | 14.638 |
| 9/20/2018 1:40 | 1222800 | 12.818 | 17.665 | 29.215 | 2035.232 | 2366.822 | 1.228 | 1.609 | 491.345 | 1 | 14.639 |
| 9/20/2018 1:45 | 1223100 | 12.817 | 17.665 | 29.213 | 2035.756 | 2367.422 | 1.229 | 1.61 | 491.218 | 1 | 14.64 |
| 9/20/2018 1:50 | 1223400 | 12.814 | 17.665 | 29.208 | 2036.449 | 2368.219 | 1.229 | 1.61 | 491.051 | 1 | 14.641 |
| 9/20/2018 1:55 | 1223700 | 12.814 | 17.665 | 29.207 | 2036.751 | 2368.574 | 1.229 | 1.611 | 490.978 | 1 | 14.643 |
| 9/20/2018 2:00 | 1224000 | 12.812 | 17.665 | 29.203 | 2036.961 | 2368.819 | 1.23 | 1.611 | 490.927 | 1 | 14.644 |
| 9/20/2018 2:05 | 1224300 | 12.811 | 17.665 | 29.201 | 2037.946 | 2369.996 | 1.23 | 1.612 | 490.69 | 1 | 14.645 |
| 9/20/2018 2:10 | 1224600 | 12.812 | 17.665 | 29.201 | 2037.815 | 2369.799 | 1.23 | 1.611 | 490.722 | 1 | 14.646 |
| 9/20/2018 2:15 | 1224900 | 12.811 | 17.665 | 29.201 | 2038.028 | 2370.064 | 1.23 | 1.612 | 490.67 | 1 | 14.647 |
| 9/20/2018 2:20 | 1225200 | 12.812 | 17.665 | 29.203 | 2038.514 | 2370.62 | 1.231 | 1.612 | 490.554 | 1 | 14.646 |
| 9/20/2018 2:25 | 1225500 | 12.814 | 17.665 | 29.206 | 2038.975 | 2371.966 | 1.232 | 1.613 | 490.274 | 1 | 14.645 |
| 9/20/2018 2:30 | 1225800 | 12.814 | 17.665 | 29.208 | 2039.411 | 2371.681 | 1.231 | 1.613 | 490.338 | 1 | 14.645 |
| 9/20/2018 2:35 | 1226100 | 12.812 | 17.665 | 29.203 | 2039.849 | 2372.172 | 1.231 | 1.613 | 490.232 | 1 | 14.645 |
| 9/20/2018 2:40 | 1226400 | 12.812 | 17.665 | 29.201 | 2040.369 | 2372.805 | 1.232 | 1.614 | 490.107 | 1 | 14.645 |
| 9/20/2018 2:45 | 1226700 | 12.81 | 17.665 | 29.198 | 2040.142 | 2372.509 | 1.232 | 1.613 | 490.162 | 1 | 14.645 |
| 9/20/2018 2:50 | 1227000 | 12.813 | 17.665 | 29.205 | 2040.848 | 2373.353 | 1.232 | 1.614 | 489.992 | 1 | 14.641 |
| 9/20/2018 2:55 | 1227300 | 12.816 | 17.665 | 29.211 | 2041.065 | 2373.592 | 1.232 | 1.614 | 489.94 | 1 | 14.637 |
| 9/20/2018 3:00 | 1227600 | 12.82 | 17.665 | 29.212 | 2040.577 | 2373.037 | 1.232 | 1.614 | 490.058 | 1 | 14.634 |
| 9/20/2018 3:05 | 1227900 | 12.818 | 17.665 | 29.216 | 2040.565 | 2373.033 | 1.232 | 1.614 | 490.06 | 1 | 14.636 |
| 9/20/2018 3:10 | 1228200 | 12.816 | 17.665 | 29.211 | 2040.895 | 2373.407 | 1.232 | 1.614 | 489.981 | 1 | 14.638 |
| 9/20/2018 3:15 | 1228500 | 12.814 | 17.665 | 29.206 | 2040.005 | 2372.358 | 1.231 | 1.613 | 490.195 | 1 | 14.641 |
| 9/20/2018 3:20 | 1228800 | 12.811 | 17.665 | 29.201 | 2039.915 | 2372.268 | 1.231 | 1.613 | 490.217 | 1 | 14.642 |
| 9/20/2018 3:25 | 1229100 | 12.81 | 17.665 | 29.197 | 2040.143 | 2372.528 | 1.232 | 1.613 | 490.162 | 1 | 14.644 |
| 9/20/2018 3:30 | 1229400 | 12.809 | 17.665 | 29.195 | 2040.071 | 2372.449 | 1.232 | 1.613 | 490.179 | 1 | 14.645 |
| 9/20/2018 3:35 | 1229700 | 12.811 | 17.665 | 29.199 | 2039.827 | 2372.184 | 1.231 | 1.613 | 490.238 | 1 | 14.643 |
| 9/20/2018 3:40 | 1230000 | 12.812 | 17.665 | 29.203 | 2040.116 | 2372.516 | 1.232 | 1.613 | 490.168 | 1 | 14.641 |
| 9/20/2018 3:45 | 1230300 | 12.814 | 17.665 | 29.206 | 2039.932 | 2372.301 | 1.231 | 1.613 | 490.212 | 1 | 14.64 |
| 9/20/2018 3:50 | 1230600 | 12.814 | 17.665 | 29.208 | 2039.818 | 2372.164 | 1.231 | 1.613 | 490.214 | 1 | 14.639 |
| 9/20/2018 3:55 | 1230900 | 12.813 | 17.665 | 29.205 | 2039.213 | 2371.456 | 1.231 | 1.613 | 490.385 | 1 | 14.639 |
| 9/20/2018 4:00 | 1231200 | 12.814 | 17.665 | 29.207 | 2039.899 | 2371.799 | 1.231 | 1.613 | 490.235 | 1 | 14.638 |
| 9/20/2018 4:05 | 1231500 | 12.814 | 17.665 | 29.208 | 2039.6 | 2371.925 | 1.231 | 1.613 | 490.292 | 1 | 14.639 |
| 9/20/2018 4:10 | 1231800 | 12.814 | 17.665 | 29.207 | 2039.423 | 2371.704 | 1.231 | 1.613 | 490.335 | 1 | 14.636 |
| 9/20/2018 4:15 | 1232100 | 12.815 | 17.665 | 29.209 | 2038.419 | 2370.537 | 1.23 | 1.612 | 490.576 | 1 | 14.635 |
| 9/20/2018 4:20 | 1232400 | 12.814 | 17.665 | 29.207 | 2038.718 | 2370.881 | 1.231 | 1.612 | 490.504 | 1 | 14.637 |
| 9/20/2018 4:25 | 1232700 | 12.813 | 17.664 | 29.204 | 2038.421 | 2370.558 | 1.23 | 1.612 | 490.576 | 1 | 14.639 |
| 9/20/2018 4:30 | 1233000 | 12.811 | 17.665 | 29.2 | 2037.653 | 2369.656 | 1.23 | 1.611 | 490.761 | 1 | 14.641 |
| 9/20/2018 4:35 | 1233300 | 12.811 | 17.664 | 29.199 | 2037.937 | 2369.995 | 1.23 | 1.612 | 490.692 | 1 | 14.641 |
| 9/20/2018 4:40 | 1233600 | 12.811 | 17.665 | 29.199 | 2037.698 | 2369.707 | 1.23 | 1.611 | 490.75 | 1 | 14.64 |
| 9/20/2018 4:45 | 1233900 | 12.81 | 17.665 | 29.197 | 2038.872 | 2368.757 | 1.23 | 1.611 | 490.949 | 1 | 14.64 |

| | | | | | | | | | | | |
|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/20/2018 14:05 | 1267500 | 12.796 | 17.665 | 29.167 | 1989.146 | 2313.25 | 1.199 | 1.573 | 502.728 | 1 | 14.663 |
| 9/20/2018 14:10 | 1267800 | 12.798 | 17.665 | 29.171 | 1989.034 | 2313.119 | 1.199 | 1.573 | 502.757 | 1 | 14.661 |
| 9/20/2018 14:15 | 1268100 | 12.799 | 17.665 | 29.173 | 1988.736 | 2312.773 | 1.199 | 1.573 | 502.832 | 1 | 14.659 |
| 9/20/2018 14:20 | 1268400 | 12.8 | 17.664 | 29.175 | 1988.407 | 2312.395 | 1.199 | 1.572 | 502.915 | 1 | 14.659 |
| 9/20/2018 14:25 | 1268700 | 12.799 | 17.664 | 29.173 | 1988.199 | 2312.162 | 1.199 | 1.572 | 502.968 | 1 | 14.658 |
| 9/20/2018 14:30 | 1269000 | 12.798 | 17.665 | 29.172 | 1988.214 | 2312.166 | 1.199 | 1.572 | 502.964 | 1 | 14.658 |
| 9/20/2018 14:35 | 1269300 | 12.797 | 17.664 | 29.168 | 1987.444 | 2311.288 | 1.198 | 1.572 | 503.159 | 1 | 14.66 |
| 9/20/2018 14:40 | 1269600 | 12.793 | 17.664 | 29.16 | 1987.482 | 2311.323 | 1.198 | 1.572 | 503.149 | 1 | 14.662 |
| 9/20/2018 14:45 | 1269900 | 12.79 | 17.665 | 29.153 | 1987.233 | 2311.016 | 1.198 | 1.571 | 503.212 | 1 | 14.664 |
| 9/20/2018 14:50 | 1270200 | 12.794 | 17.664 | 29.151 | 1987.021 | 2310.801 | 1.197 | 1.571 | 503.265 | 1 | 14.661 |
| 9/20/2018 14:55 | 1270500 | 12.795 | 17.664 | 29.165 | 1986.971 | 2310.724 | 1.198 | 1.571 | 503.279 | 1 | 14.659 |
| 9/20/2018 15:00 | 1270800 | 12.797 | 17.665 | 29.169 | 1986.89 | 2310.626 | 1.198 | 1.571 | 503.299 | 1 | 14.656 |
| 9/20/2018 15:05 | 1271100 | 12.797 | 17.665 | 29.168 | 1986.651 | 2310.339 | 1.198 | 1.571 | 503.36 | 1 | 14.656 |
| 9/20/2018 15:10 | 1271400 | 12.797 | 17.665 | 29.168 | 1986.474 | 2310.137 | 1.197 | 1.571 | 503.405 | 1 | 14.655 |
| 9/20/2018 15:15 | 1271700 | 12.796 | 17.665 | 29.165 | 1986.234 | 2309.849 | 1.197 | 1.571 | 503.465 | 1 | 14.654 |
| 9/20/2018 15:20 | 1272000 | 12.798 | 17.664 | 29.17 | 1985.837 | 2309.406 | 1.197 | 1.57 | 503.566 | 1 | 14.654 |
| 9/20/2018 15:25 | 1272300 | 12.796 | 17.664 | 29.166 | 1986.009 | 2309.611 | 1.197 | 1.571 | 503.522 | 1 | 14.653 |
| 9/20/2018 15:30 | 1272600 | 12.796 | 17.665 | 29.167 | 1985.547 | 2309.047 | 1.197 | 1.57 | 503.639 | 1 | 14.653 |
| 9/20/2018 15:35 | 1272900 | 12.796 | 17.664 | 29.165 | 1985.521 | 2309.052 | 1.197 | 1.57 | 503.646 | 1 | 14.654 |
| 9/20/2018 15:40 | 1273200 | 12.794 | 17.665 | 29.162 | 1985.136 | 2308.578 | 1.197 | 1.57 | 503.744 | 1 | 14.655 |
| 9/20/2018 15:45 | 1273500 | 12.791 | 17.664 | 29.155 | 1985.357 | 2308.847 | 1.197 | 1.57 | 503.688 | 1 | 14.657 |
| 9/20/2018 15:50 | 1273800 | 12.792 | 17.664 | 29.156 | 1985.446 | 2308.979 | 1.197 | 1.57 | 503.665 | 1 | 14.657 |
| 9/20/2018 15:55 | 1274100 | 12.792 | 17.664 | 29.156 | 1984.945 | 2308.373 | 1.197 | 1.57 | 503.792 | 1 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 12.791 | 17.665 | 29.155 | 1984.587 | 2307.934 | 1.196 | 1.569 | 503.883 | 1 | 14.657 |
| 9/20/2018 16:05 | 1274700 | 12.793 | 17.664 | 29.159 | 1984.596 | 2307.972 | 1.196 | 1.569 | 503.881 | 1 | 14.656 |
| 9/20/2018 16:10 | 1275000 | 12.793 | 17.665 | 29.158 | 1984.964 | 2308.381 | 1.197 | 1.57 | 503.788 | 1 | 14.656 |
| 9/20/2018 16:15 | 1275300 | 12.793 | 17.664 | 29.159 | 1984.188 | 2307.489 | 1.196 | 1.569 | 503.984 | 1 | 14.656 |
| 9/20/2018 16:20 | 1275600 | 12.795 | 17.665 | 29.164 | 1984.212 | 2307.511 | 1.196 | 1.569 | 503.979 | 1 | 14.655 |
| 9/20/2018 16:25 | 1275900 | 12.793 | 17.665 | 29.171 | 1984.191 | 2307.487 | 1.196 | 1.569 | 503.984 | 1 | 14.655 |
| 9/20/2018 16:30 | 1276200 | 12.795 | 17.664 | 29.164 | 1983.646 | 2306.862 | 1.196 | 1.569 | 504.122 | 1 | 14.654 |
| 9/20/2018 16:35 | 1276500 | 12.798 | 17.664 | 29.171 | 1983.954 | 2307.225 | 1.196 | 1.569 | 504.044 | 1 | 14.654 |
| 9/20/2018 16:40 | 1276800 | 12.792 | 17.664 | 29.158 | 1983.268 | 2306.431 | 1.195 | 1.568 | 504.218 | 1 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 12.793 | 17.664 | 29.16 | 1983.131 | 2306.259 | 1.195 | 1.568 | 504.253 | 1 | 14.654 |
| 9/20/2018 16:50 | 1277400 | 12.792 | 17.664 | 29.157 | 1982.792 | 2305.87 | 1.195 | 1.568 | 504.339 | 1 | 14.655 |
| 9/20/2018 16:55 | 1277700 | 12.789 | 17.665 | 29.151 | 1982.769 | 2305.816 | 1.195 | 1.568 | 504.345 | 1 | 14.656 |
| 9/20/2018 17:00 | 1278000 | 12.788 | 17.665 | 29.149 | 1982.88 | 2305.963 | 1.195 | 1.568 | 504.317 | 1 | 14.656 |
| 9/20/2018 17:05 | 1278300 | 12.789 | 17.664 | 29.15 | 1982.537 | 2305.587 | 1.195 | 1.568 | 504.404 | 1 | 14.655 |
| 9/20/2018 17:10 | 1278600 | 12.791 | 17.665 | 29.155 | 1982.818 | 2305.3 | 1.195 | 1.568 | 504.46 | 1 | 14.653 |
| 9/20/2018 17:15 | 1278900 | 12.791 | 17.665 | 29.155 | 1981.836 | 2304.748 | 1.195 | 1.567 | 504.583 | 1 | 14.652 |
| 9/20/2018 17:20 | 1279200 | 12.791 | 17.665 | 29.155 | 1981.673 | 2304.554 | 1.194 | 1.567 | 504.624 | 1 | 14.653 |
| 9/20/2018 17:25 | 1279500 | 12.789 | 17.664 | 29.15 | 1981.829 | 2304.758 | 1.195 | 1.567 | 504.585 | 1 | 14.654 |
| 9/20/2018 17:30 | 1279800 | 12.789 | 17.665 | 29.15 | 1981.238 | 2304.053 | 1.194 | 1.567 | 504.735 | 1 | 14.656 |
| 9/20/2018 17:35 | 1280100 | 12.791 | 17.664 | 29.156 | 1980.993 | 2303.772 | 1.194 | 1.567 | 504.797 | 1 | 14.655 |
| 9/20/2018 17:40 | 1280400 | 12.789 | 17.664 | 29.151 | 1980.705 | 2303.438 | 1.194 | 1.566 | 504.871 | 1 | 14.655 |
| 9/20/2018 17:45 | 1280700 | 12.787 | 17.664 | 29.147 | 1980.921 | 2303.689 | 1.194 | 1.567 | 504.816 | 1 | 14.654 |
| 9/20/2018 17:50 | 1281000 | 12.789 | 17.665 | 29.15 | 1980.533 | 2303.229 | 1.194 | 1.566 | 504.914 | 1 | 14.654 |
| 9/20/2018 17:55 | 1281300 | 12.789 | 17.665 | 29.151 | 1980.469 | 2303.159 | 1.194 | 1.566 | 504.931 | 1 | 14.653 |
| 9/20/2018 18:00 | 1281600 | 12.79 | 17.664 | 29.153 | 1980.177 | 2302.836 | 1.194 | 1.566 | 505.005 | 1 | 14.653 |
| 9/20/2018 18:05 | 1281900 | 12.794 | 17.665 | 29.161 | 1980.212 | 2302.851 | 1.194 | 1.566 | 504.996 | 1 | 14.65 |
| 9/20/2018 18:10 | 1282200 | 12.796 | 17.664 | 29.166 | 1979.903 | 2302.514 | 1.193 | 1.566 | 505.075 | 1 | 14.648 |
| 9/20/2018 18:15 | 1282500 | 12.799 | 17.664 | 29.172 | 1979.86 | 2302.455 | 1.193 | 1.566 | 505.086 | 1 | 14.645 |
| 9/20/2018 18:20 | 1282800 | 12.795 | 17.664 | 29.165 | 1979.306 | 2301.816 | 1.193 | 1.565 | 505.227 | 1 | 14.65 |
| 9/20/2018 18:25 | 1283100 | 12.791 | 17.665 | 29.154 | 1979.634 | 2302.174 | 1.193 | 1.565 | 505.144 | 1 | 14.655 |
| 9/20/2018 18:30 | 1283400 | 12.789 | 17.664 | 29.15 | 1979.311 | 2301.826 | 1.193 | 1.565 | 505.226 | 1 | 14.66 |
| 9/20/2018 18:35 | 1283700 | 12.787 | 17.664 | 29.146 | 1979.12 | 2301.617 | 1.193 | 1.565 | 505.275 | 1 | 14.661 |
| 9/20/2018 18:40 | 1284000 | 12.789 | 17.664 | 29.149 | 1979.058 | 2301.536 | 1.193 | 1.565 | 505.291 | 1 | 14.661 |
| 9/20/2018 18:45 | 1284300 | 12.79 | 17.664 | 29.152 | 1978.98 | 2300.88 | 1.192 | 1.565 | 505.434 | 1 | 14.661 |
| 9/20/2018 18:50 | 1284600 | 12.792 | 17.664 | 29.157 | 1978.229 | 2300.563 | 1.192 | 1.564 | 505.503 | 1 | 14.66 |
| 9/20/2018 18:55 | 1284900 | 12.793 | 17.665 | 29.16 | 1978.567 | 2300.93 | 1.192 | 1.565 | 505.416 | 1 | 14.659 |
| 9/20/2018 19:00 | 1285200 | 12.793 | 17.665 | 29.16 | 1978.082 | 2300.379 | 1.192 | 1.564 | 505.54 | 1 | 14.658 |
| 9/20/2018 19:05 | 1285500 | 12.793 | 17.665 | 29.159 | 1978.181 | 2300.498 | 1.192 | 1.564 | 505.515 | 1 | 14.66 |
| 9/20/2018 19:10 | 1285800 | 12.791 | 17.664 | 29.155 | 1978.055 | 2300.374 | 1.192 | 1.564 | 505.547 | 1 | 14.661 |
| 9/20/2018 19:15 | 1286100 | 12.791 | 17.664 | 29.155 | 1977.571 | 2299.806 | 1.192 | 1.564 | 505.671 | 1 | 14.663 |
| 9/20/2018 19:20 | 1286400 | 12.792 | 17.665 | 29.156 | 1977.335 | 2299.514 | 1.192 | 1.564 | 505.731 | 1 | 14.663 |
| 9/20/2018 19:25 | 1286700 | 12.792 | 17.664 | 29.158 | 1977.644 | 2299.897 | 1.192 | 1.564 | 505.652 | 1 | 14.664 |
| 9/20/2018 19:30 | 1287000 | 12.792 | 17.664 | 29.157 | 1977.095 | 2299.249 | 1.192 | 1.563 | 505.793 | 1 | 14.664 |
| 9/20/2018 19:35 | 1287300 | 12.792 | 17.664 | 29.158 | 1977.216 | 2299.389 | 1.192 | 1.564 | 505.762 | 1 | 14.662 |
| 9/20/2018 19:40 | 1287600 | 12.795 | 17.665 | 29.163 | 1976.714 | 2298.779 | 1.191 | 1.563 | 505.89 | 1 | 14.66 |
| 9/20/2018 19:45 | 1287900 | 12.797 | 17.665 | 29.168 | 1977.357 | 2299.54 | 1.192 | 1.564 | 505.726 | 1 | 14.658 |
| 9/20/2018 19:50 | 1288200 | 12.793 | 17.665 | 29.16 | 1977.101 | 2299.238 | 1.192 | 1.563 | 505.791 | 1 | 14.66 |
| 9/20/2018 19:55 | 1288500 | 12.792 | 17.665 | 29.157 | 1976.64 | 2298.697 | 1.191 | 1.563 | 505.909 | 1 | 14.663 |
| 9/20/2018 20:00 | 1288800 | 12.789 | 17.665 | 29.149 | 1976.777 | 2298.851 | 1.191 | 1.563 | 505.874 | 1 | 14.665 |
| 9/20/2018 20:05 | 1289100 | 12.79 | 17.664 | 29.151 | 1976.182 | 2298.178 | 1.191 | 1.563 | 506.026 | 1 | 14.665 |
| 9/20/2018 20:10 | 1289400 | 12.787 | 17.664 | 29.146 | 1976.429 | 2298.479 | 1.191 | 1.563 | 505.963 | 1 | 14.664 |
| 9/20/2018 20:15 | 1289700 | 12.79 | 17.664 | 29.152 | 1976.581 | 2298.647 | 1.191 | 1.563 | 505.924 | 1 | 14.663 |
| 9/20/2018 20:20 | 1290000 | 12.791 | 17.665 | 29.154 | 1976.07 | 2298.043 | 1.191 | 1.563 | 506.055 | 1 | 14.664 |
| 9/20/2018 20:25 | 1290300 | 12.791 | 17.665 | 29.154 | 1975.91 | 2297.719 | 1.191 | 1.561 | 506.126 | 1 | 14.664 |
| 9/20/2018 20:30 | 1290600 | 12.79 | 17.664 | 29.153 | 1976.198 | 2298.205 | 1.191 | 1.563 | 506.022 | 1 | 14.665 |
| 9/20/2018 20:35 | 1290900 | 12.792 | 17.664 | 29.156 | 1975.782 | 2297.726 | 1.191 | 1.562 | 506.129 | 1 | 14.665 |
| 9/20/2018 20:40 | 1291200 | 12.792 | 17.664 | 29.156 | 1976.069 | 2298.052 | 1.191 | 1.563 | 506.055 | 1 | 14.666 |
| 9/20/2018 20:45 | 1291500 | 12.789 | 17.664 | 29.15 | 1975.818 | 2297.764 | 1.191 | 1.562 | 506.119 | 1 | 14.667 |
| 9/20/2018 20:50 | 1291800 | 12.789 | 17.664 | 29.15 | 1975.301 | 2297.158 | 1.19 | 1.562 | 506.252 | 1 | 14.668 |
| 9/20/2018 20:55 | 1292100 | 12.788 | 17.664 | 29.149 | 1975.205 | 2297.051 | 1.19 | 1.562 | 506.276 | 1 | 14.669 |
| 9/20/2018 21:00 | 1292400 | 12.787 | 17.664 | 29.147 | 1974.965 | 2296.762 | 1.19 | 1.562 | 506.338 | 1 | 14.669 |
| 9/20/2018 21:05 | 1292700 | 12.788 | 17.665 | 29.148 | 1974.893 | 2296.656 | 1.19 | 1.562 | 506.357 | 1 | 14.668 |
| 9/20/2018 21:10 | 1293000 | 12.791 | 17.665 | 29.154 | 1975.084 | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/21/2018 6:30 | 1326600 | 12.788 | 17.664 | 29.147 | 2011.898 | 2339.723 | 1.214 | 1.591 | 497.043 | 1 | 14.694 |
| 9/21/2018 6:35 | 1326900 | 12.788 | 17.665 | 29.147 | 2011.737 | 2339.522 | 1.214 | 1.591 | 497.083 | 1 | 14.695 |
| 9/21/2018 6:40 | 1327200 | 12.789 | 17.665 | 29.15 | 2012.136 | 2339.986 | 1.214 | 1.591 | 496.984 | 1 | 14.696 |
| 9/21/2018 6:45 | 1327500 | 12.789 | 17.665 | 29.15 | 2011.601 | 2339.364 | 1.213 | 1.591 | 497.116 | 1 | 14.696 |
| 9/21/2018 6:50 | 1327800 | 12.788 | 17.664 | 29.147 | 2010.769 | 2338.432 | 1.213 | 1.59 | 497.322 | 1 | 14.699 |
| 9/21/2018 6:55 | 1328100 | 12.786 | 17.664 | 29.144 | 2010.8 | 2338.463 | 1.213 | 1.59 | 497.315 | 1 | 14.701 |
| 9/21/2018 7:00 | 1328400 | 12.784 | 17.664 | 29.138 | 2010.558 | 2338.174 | 1.213 | 1.59 | 497.374 | 1 | 14.703 |
| 9/21/2018 7:05 | 1328700 | 12.786 | 17.664 | 29.143 | 2010.152 | 2337.688 | 1.213 | 1.59 | 497.475 | 1 | 14.702 |
| 9/21/2018 7:10 | 1329000 | 12.789 | 17.664 | 29.15 | 2009.279 | 2336.667 | 1.212 | 1.589 | 497.691 | 1 | 14.702 |
| 9/21/2018 7:15 | 1329300 | 12.791 | 17.664 | 29.156 | 2009.436 | 2336.859 | 1.212 | 1.589 | 497.652 | 1 | 14.701 |
| 9/21/2018 7:20 | 1329600 | 12.791 | 17.665 | 29.155 | 2008.776 | 2336.073 | 1.212 | 1.589 | 497.616 | 1 | 14.703 |
| 9/21/2018 7:25 | 1329900 | 12.789 | 17.665 | 29.15 | 2008.417 | 2335.655 | 1.211 | 1.588 | 497.905 | 1 | 14.705 |
| 9/21/2018 7:30 | 1330200 | 12.787 | 17.664 | 29.146 | 2008.106 | 2335.309 | 1.211 | 1.588 | 497.982 | 1 | 14.708 |
| 9/21/2018 7:35 | 1330500 | 12.788 | 17.665 | 29.147 | 2007.148 | 2334.176 | 1.211 | 1.587 | 498.219 | 1 | 14.708 |
| 9/21/2018 7:40 | 1330800 | 12.788 | 17.664 | 29.148 | 2006.937 | 2333.967 | 1.211 | 1.587 | 498.272 | 1 | 14.709 |
| 9/21/2018 7:45 | 1331100 | 12.788 | 17.664 | 29.149 | 2006.424 | 2333.37 | 1.21 | 1.587 | 498.399 | 1 | 14.709 |
| 9/21/2018 7:50 | 1331400 | 12.788 | 17.664 | 29.149 | 2006.1 | 2332.98 | 1.21 | 1.586 | 498.48 | 1 | 14.71 |
| 9/21/2018 7:55 | 1331700 | 12.787 | 17.664 | 29.147 | 2006.023 | 2332.895 | 1.21 | 1.586 | 498.499 | 1 | 14.712 |
| 9/21/2018 8:00 | 1332000 | 12.788 | 17.664 | 29.148 | 2004.949 | 2331.659 | 1.209 | 1.586 | 498.766 | 1 | 14.713 |
| 9/21/2018 8:05 | 1332300 | 12.787 | 17.664 | 29.145 | 2004.747 | 2331.387 | 1.209 | 1.585 | 498.816 | 1 | 14.714 |
| 9/21/2018 8:10 | 1332600 | 12.788 | 17.664 | 29.147 | 2004.572 | 2331.193 | 1.209 | 1.585 | 498.86 | 1 | 14.715 |
| 9/21/2018 8:15 | 1332900 | 12.788 | 17.664 | 29.148 | 2004.346 | 2330.931 | 1.209 | 1.585 | 498.916 | 1 | 14.716 |
| 9/21/2018 8:20 | 1333200 | 12.786 | 17.664 | 29.144 | 2003.73 | 2330.242 | 1.208 | 1.585 | 499.069 | 1 | 14.718 |
| 9/21/2018 8:25 | 1333500 | 12.786 | 17.665 | 29.143 | 2003.471 | 2329.904 | 1.208 | 1.584 | 499.134 | 1 | 14.719 |
| 9/21/2018 8:30 | 1333800 | 12.786 | 17.664 | 29.144 | 2003.126 | 2329.517 | 1.208 | 1.584 | 499.22 | 1 | 14.72 |
| 9/21/2018 8:35 | 1334100 | 12.784 | 17.664 | 29.139 | 2002.676 | 2329.007 | 1.208 | 1.584 | 499.332 | 1 | 14.722 |
| 9/21/2018 8:40 | 1334400 | 12.783 | 17.664 | 29.136 | 2002.463 | 2328.769 | 1.208 | 1.584 | 499.385 | 1 | 14.723 |
| 9/21/2018 8:45 | 1334700 | 12.784 | 17.664 | 29.138 | 2001.754 | 2327.917 | 1.207 | 1.583 | 499.562 | 1 | 14.725 |
| 9/21/2018 8:50 | 1335000 | 12.782 | 17.665 | 29.134 | 2001.718 | 2327.866 | 1.207 | 1.583 | 499.571 | 1 | 14.726 |
| 9/21/2018 8:55 | 1335300 | 12.781 | 17.664 | 29.132 | 2001.262 | 2327.349 | 1.207 | 1.583 | 499.685 | 1 | 14.727 |
| 9/21/2018 9:00 | 1335600 | 12.781 | 17.664 | 29.131 | 2001.356 | 2327.454 | 1.207 | 1.583 | 499.661 | 1 | 14.728 |
| 9/21/2018 9:05 | 1335900 | 12.781 | 17.664 | 29.132 | 2000.236 | 2326.155 | 1.206 | 1.582 | 499.941 | 1 | 14.727 |
| 9/21/2018 9:10 | 1336200 | 12.782 | 17.664 | 29.135 | 2000.115 | 2326.033 | 1.206 | 1.582 | 499.971 | 1 | 14.727 |
| 9/21/2018 9:15 | 1336500 | 12.785 | 17.664 | 29.14 | 1999.737 | 2325.58 | 1.206 | 1.581 | 500.066 | 1 | 14.726 |
| 9/21/2018 9:20 | 1336800 | 12.783 | 17.664 | 29.136 | 1999.551 | 2325.359 | 1.206 | 1.581 | 500.112 | 1 | 14.727 |
| 9/21/2018 9:25 | 1337100 | 12.783 | 17.664 | 29.136 | 1999.571 | 2325.405 | 1.206 | 1.581 | 500.107 | 1 | 14.729 |
| 9/21/2018 9:30 | 1337400 | 12.782 | 17.664 | 29.134 | 1998.862 | 2324.58 | 1.205 | 1.581 | 500.285 | 1 | 14.73 |
| 9/21/2018 9:35 | 1337700 | 12.784 | 17.664 | 29.138 | 1998.556 | 2324.207 | 1.205 | 1.58 | 500.361 | 1 | 14.729 |
| 9/21/2018 9:40 | 1338000 | 12.785 | 17.664 | 29.144 | 1998.535 | 2324.182 | 1.205 | 1.58 | 500.367 | 1 | 14.728 |
| 9/21/2018 9:45 | 1338300 | 12.788 | 17.664 | 29.148 | 1998.15 | 2323.73 | 1.205 | 1.58 | 500.463 | 1 | 14.726 |
| 9/21/2018 9:50 | 1338600 | 12.786 | 17.664 | 29.143 | 1997.595 | 2323.116 | 1.205 | 1.58 | 500.602 | 1 | 14.73 |
| 9/21/2018 9:55 | 1338900 | 12.783 | 17.664 | 29.135 | 1997.17 | 2322.599 | 1.204 | 1.579 | 500.708 | 1 | 14.734 |
| 9/21/2018 10:00 | 1339200 | 12.78 | 17.664 | 29.13 | 1997.256 | 2322.704 | 1.204 | 1.579 | 500.687 | 1 | 14.738 |
| 9/21/2018 10:05 | 1339500 | 12.779 | 17.664 | 29.127 | 1997.211 | 2322.638 | 1.204 | 1.579 | 500.698 | 1 | 14.739 |
| 9/21/2018 10:10 | 1339800 | 12.777 | 17.664 | 29.123 | 1996.299 | 2321.582 | 1.204 | 1.579 | 500.927 | 1 | 14.739 |
| 9/21/2018 10:15 | 1340100 | 12.777 | 17.664 | 29.124 | 1995.69 | 2320.877 | 1.203 | 1.578 | 501.08 | 1 | 14.74 |
| 9/21/2018 10:20 | 1340400 | 12.779 | 17.664 | 29.127 | 1995.67 | 2320.86 | 1.203 | 1.578 | 501.085 | 1 | 14.74 |
| 9/21/2018 10:25 | 1340700 | 12.777 | 17.664 | 29.124 | 1995.686 | 2320.878 | 1.203 | 1.578 | 501.081 | 1 | 14.739 |
| 9/21/2018 10:30 | 1341000 | 12.78 | 17.664 | 29.129 | 1994.729 | 2319.746 | 1.203 | 1.577 | 501.321 | 1 | 14.739 |
| 9/21/2018 10:35 | 1341300 | 12.78 | 17.664 | 29.129 | 1994.862 | 2319.901 | 1.203 | 1.578 | 501.288 | 1 | 14.737 |
| 9/21/2018 10:40 | 1341600 | 12.786 | 17.664 | 29.143 | 1994.461 | 2319.445 | 1.203 | 1.577 | 501.389 | 1 | 14.736 |
| 9/21/2018 10:45 | 1341900 | 12.783 | 17.664 | 29.136 | 1994.012 | 2318.922 | 1.202 | 1.577 | 501.502 | 1 | 14.734 |
| 9/21/2018 10:50 | 1342200 | 12.782 | 17.664 | 29.134 | 1993.792 | 2318.68 | 1.202 | 1.577 | 501.557 | 1 | 14.735 |
| 9/21/2018 10:55 | 1342500 | 12.782 | 17.664 | 29.133 | 1993.403 | 2318.209 | 1.202 | 1.576 | 501.655 | 1 | 14.736 |
| 9/21/2018 11:00 | 1342800 | 12.781 | 17.665 | 29.131 | 1993.04 | 2317.764 | 1.202 | 1.576 | 501.746 | 1 | 14.737 |
| 9/21/2018 11:05 | 1343100 | 12.78 | 17.664 | 29.129 | 1993.204 | 2317.983 | 1.202 | 1.576 | 501.705 | 1 | 14.737 |
| 9/21/2018 11:10 | 1343400 | 12.779 | 17.664 | 29.127 | 1992.477 | 2317.156 | 1.201 | 1.576 | 501.888 | 1 | 14.738 |
| 9/21/2018 11:15 | 1343700 | 12.78 | 17.664 | 29.124 | 1992.7 | 2317.401 | 1.201 | 1.576 | 501.832 | 1 | 14.738 |
| 9/21/2018 11:20 | 1344000 | 12.778 | 17.664 | 29.126 | 1991.904 | 2316.471 | 1.201 | 1.575 | 502.032 | 1 | 14.737 |
| 9/21/2018 11:25 | 1344300 | 12.78 | 17.664 | 29.13 | 1991.88 | 2316.475 | 1.201 | 1.575 | 502.038 | 1 | 14.736 |
| 9/21/2018 11:30 | 1344600 | 12.78 | 17.664 | 29.133 | 1991.833 | 2316.383 | 1.201 | 1.575 | 502.05 | 1 | 14.736 |
| 9/21/2018 11:35 | 1344900 | 12.78 | 17.665 | 29.131 | 1991.46 | 2315.91 | 1.201 | 1.575 | 502.144 | 1 | 14.737 |
| 9/21/2018 11:40 | 1345200 | 12.78 | 17.664 | 29.129 | 1990.889 | 2315.317 | 1.2 | 1.574 | 502.288 | 1 | 14.738 |
| 9/21/2018 11:45 | 1345500 | 12.778 | 17.665 | 29.126 | 1990.413 | 2314.724 | 1.2 | 1.574 | 502.408 | 1 | 14.74 |
| 9/21/2018 11:50 | 1345800 | 12.781 | 17.664 | 29.131 | 1990.307 | 2314.617 | 1.2 | 1.574 | 502.435 | 1 | 14.738 |
| 9/21/2018 11:55 | 1346100 | 12.781 | 17.664 | 29.133 | 1990.436 | 2314.773 | 1.2 | 1.574 | 502.402 | 1 | 14.735 |
| 9/21/2018 12:00 | 1346400 | 12.784 | 17.664 | 29.139 | 1990.178 | 2314.458 | 1.2 | 1.573 | 502.468 | 1 | 14.739 |
| 9/21/2018 12:05 | 1346700 | 12.782 | 17.664 | 29.133 | 1989.815 | 2314.042 | 1.2 | 1.574 | 502.559 | 1 | 14.734 |
| 9/21/2018 12:10 | 1347000 | 12.78 | 17.664 | 29.129 | 1989.519 | 2313.698 | 1.199 | 1.573 | 502.634 | 1 | 14.735 |
| 9/21/2018 12:15 | 1347300 | 12.78 | 17.664 | 29.129 | 1989.495 | 2313.669 | 1.199 | 1.573 | 502.64 | 1 | 14.737 |
| 9/21/2018 12:20 | 1347600 | 12.778 | 17.664 | 29.124 | 1989.534 | 2313.718 | 1.199 | 1.573 | 502.63 | 1 | 14.736 |
| 9/21/2018 12:25 | 1347900 | 12.779 | 17.664 | 29.127 | 1988.787 | 2312.837 | 1.199 | 1.573 | 502.819 | 1 | 14.736 |
| 9/21/2018 12:30 | 1348200 | 12.778 | 17.664 | 29.125 | 1988.985 | 2313.081 | 1.199 | 1.573 | 502.769 | 1 | 14.735 |
| 9/21/2018 12:35 | 1348500 | 12.781 | 17.664 | 29.131 | 1988.649 | 2312.694 | 1.199 | 1.573 | 502.854 | 1 | 14.733 |
| 9/21/2018 12:40 | 1348800 | 12.781 | 17.664 | 29.131 | 1988.496 | 2312.498 | 1.199 | 1.572 | 502.893 | 1 | 14.731 |
| 9/21/2018 12:45 | 1349100 | 12.783 | 17.664 | 29.137 | 1988.207 | 2312.193 | 1.199 | 1.572 | 502.966 | 1 | 14.729 |
| 9/21/2018 12:50 | 1349400 | 12.781 | 17.664 | 29.133 | 1988.181 | 2312.136 | 1.199 | 1.572 | 502.972 | 1 | 14.73 |
| 9/21/2018 12:55 | 1349700 | 12.781 | 17.664 | 29.131 | 1987.761 | 2311.656 | 1.198 | 1.572 | 503.079 | 1 | 14.73 |
| 9/21/2018 13:00 | 1350000 | 12.781 | 17.664 | 29.131 | 1987.825 | 2311.736 | 1.198 | 1.572 | 503.063 | 1 | 14.731 |
| 9/21/2018 13:05 | 1350300 | 12.781 | 17.664 | 29.131 | 1987.551 | 2311.417 | 1.198 | 1.572 | 503.132 | 1 | 14.732 |
| 9/21/2018 13:10 | 1350600 | 12.778 | 17.664 | 29.125 | 1987.293 | 2311.113 | 1.198 | 1.572 | 503.197 | 1 | 14.733 |
| 9/21/2018 13:15 | 1350900 | 12.776 | 17.664 | 29.121 | 1987.099 | 2310.886 | 1.198 | 1.571 | 503.246 | 1 | 14.735 |
| 9/21/2018 13:20 | 1351200 | 12.778 | 17.664 | 29.125 | 1986.961 | 2310.722 | 1.198 | 1.571 | 503.281 | 1 | 14.733 |
| 9/21/2018 13:25 | 1351500 | 12.779 | 17.664 | 29.128 | 1986.37 | 2310.026 | 1.197 | 1.571 | 503.431 | 1 | 14.731 |
| 9/21/2018 13:30 | 1351800 | 12.78 | 17.664 | 29.129 | 1986.328 | 2309.986 | 1.197 | 1.571 | 503.442 | 1 | 14.73 |
| 9/21/2018 13:35 | 1352100 | 12.778 | 17.664 | 29.126 | 1986.694 | 2310.416 | 1.197 | 1.571 | 503.348 | 1 | 14.731 |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/21/2018 22:55 | 1385700 | 12.777 | 17.664 | 29.124 | 1993.32 | 2318.121 | 1.202 | 1.576 | 501.676 | 1 | 14.732 |
| 9/21/2018 23:00 | 1386000 | 12.777 | 17.664 | 29.122 | 1994.492 | 2319.475 | 1.203 | 1.577 | 501.381 | 1 | 14.732 |
| 9/21/2018 23:05 | 1386300 | 12.776 | 17.665 | 29.122 | 1995.555 | 2320.703 | 1.203 | 1.578 | 501.114 | 1 | 14.732 |
| 9/21/2018 23:10 | 1386600 | 12.776 | 17.665 | 29.122 | 1996.906 | 2322.273 | 1.204 | 1.579 | 500.775 | 1 | 14.733 |
| 9/21/2018 23:15 | 1386900 | 12.775 | 17.665 | 29.118 | 1997.289 | 2322.706 | 1.204 | 1.579 | 500.679 | 1 | 14.733 |
| 9/21/2018 23:20 | 1387200 | 12.775 | 17.665 | 29.117 | 1998.2 | 2323.779 | 1.205 | 1.58 | 500.45 | 1 | 14.734 |
| 9/21/2018 23:25 | 1387500 | 12.775 | 17.665 | 29.118 | 1999.208 | 2324.943 | 1.206 | 1.581 | 500.198 | 1 | 14.735 |
| 9/21/2018 23:30 | 1387800 | 12.774 | 17.665 | 29.117 | 1999.953 | 2325.813 | 1.206 | 1.582 | 500.012 | 1 | 14.735 |
| 9/21/2018 23:35 | 1388100 | 12.775 | 17.665 | 29.118 | 2000.997 | 2327.031 | 1.207 | 1.582 | 499.751 | 1 | 14.734 |
| 9/21/2018 23:40 | 1388400 | 12.776 | 17.665 | 29.121 | 2001.73 | 2327.875 | 1.207 | 1.583 | 499.568 | 1 | 14.733 |
| 9/21/2018 23:45 | 1388700 | 12.777 | 17.665 | 29.122 | 2002.338 | 2328.582 | 1.208 | 1.583 | 499.416 | 1 | 14.732 |
| 9/21/2018 23:50 | 1389000 | 12.777 | 17.665 | 29.123 | 2002.474 | 2328.732 | 1.208 | 1.584 | 499.382 | 1 | 14.73 |
| 9/21/2018 23:55 | 1389300 | 12.779 | 17.665 | 29.127 | 2003.268 | 2329.646 | 1.208 | 1.584 | 499.184 | 1 | 14.728 |
| 9/22/2018 0:00 | 1389600 | 12.781 | 17.665 | 29.131 | 2003.736 | 2330.189 | 1.208 | 1.585 | 499.068 | 1 | 14.727 |
| 9/22/2018 0:05 | 1389900 | 12.781 | 17.665 | 29.131 | 2004.636 | 2331.245 | 1.209 | 1.585 | 498.844 | 1 | 14.728 |
| 9/22/2018 0:10 | 1390200 | 12.778 | 17.665 | 29.125 | 2004.74 | 2331.362 | 1.209 | 1.585 | 498.818 | 1 | 14.728 |
| 9/22/2018 0:15 | 1390500 | 12.779 | 17.665 | 29.127 | 2005.024 | 2331.674 | 1.209 | 1.586 | 498.747 | 1 | 14.729 |
| 9/22/2018 0:20 | 1390800 | 12.781 | 17.665 | 29.133 | 2005.824 | 2332.627 | 1.21 | 1.586 | 498.548 | 1 | 14.727 |
| 9/22/2018 0:25 | 1391100 | 12.783 | 17.665 | 29.136 | 2006.132 | 2332.972 | 1.21 | 1.586 | 498.472 | 1 | 14.727 |
| 9/22/2018 0:30 | 1391400 | 12.786 | 17.665 | 29.144 | 2006.816 | 2333.771 | 1.21 | 1.587 | 498.302 | 1 | 14.723 |
| 9/22/2018 0:35 | 1391700 | 12.784 | 17.665 | 29.139 | 2006.69 | 2333.625 | 1.21 | 1.587 | 498.333 | 1 | 14.725 |
| 9/22/2018 0:40 | 1392000 | 12.783 | 17.665 | 29.135 | 2007.453 | 2334.512 | 1.211 | 1.587 | 498.144 | 1 | 14.727 |
| 9/22/2018 0:45 | 1392300 | 12.781 | 17.665 | 29.132 | 2007.587 | 2334.665 | 1.211 | 1.588 | 498.11 | 1 | 14.729 |
| 9/22/2018 0:50 | 1392600 | 12.78 | 17.665 | 29.129 | 2007.819 | 2334.947 | 1.211 | 1.588 | 498.053 | 1 | 14.73 |
| 9/22/2018 0:55 | 1392900 | 12.778 | 17.665 | 29.126 | 2008.637 | 2335.876 | 1.212 | 1.588 | 497.85 | 1 | 14.731 |
| 9/22/2018 1:00 | 1393200 | 12.776 | 17.664 | 29.121 | 2008.84 | 2336.156 | 1.212 | 1.589 | 497.8 | 1 | 14.732 |
| 9/22/2018 1:05 | 1393500 | 12.778 | 17.665 | 29.125 | 2009.182 | 2336.536 | 1.212 | 1.589 | 497.715 | 1 | 14.731 |
| 9/22/2018 1:10 | 1393800 | 12.779 | 17.665 | 29.127 | 2009.525 | 2336.931 | 1.212 | 1.589 | 497.63 | 1 | 14.73 |
| 9/22/2018 1:15 | 1394100 | 12.778 | 17.665 | 29.131 | 2009.605 | 2337.028 | 1.212 | 1.589 | 497.61 | 1 | 14.729 |
| 9/22/2018 1:20 | 1394400 | 12.781 | 17.665 | 29.131 | 2009.873 | 2337.336 | 1.212 | 1.589 | 497.544 | 1 | 14.729 |
| 9/22/2018 1:25 | 1394700 | 12.779 | 17.665 | 29.127 | 2010.376 | 2337.921 | 1.213 | 1.59 | 497.419 | 1 | 14.73 |
| 9/22/2018 1:30 | 1395000 | 12.779 | 17.665 | 29.128 | 2010.317 | 2337.83 | 1.213 | 1.59 | 497.434 | 1 | 14.73 |
| 9/22/2018 1:35 | 1395300 | 12.782 | 17.665 | 29.133 | 2010.458 | 2338.011 | 1.213 | 1.59 | 497.399 | 1 | 14.728 |
| 9/22/2018 1:40 | 1395600 | 12.785 | 17.665 | 29.144 | 2010.817 | 2338.411 | 1.213 | 1.59 | 497.31 | 1 | 14.726 |
| 9/22/2018 1:45 | 1395900 | 12.786 | 17.665 | 29.144 | 2011.135 | 2338.807 | 1.213 | 1.59 | 497.232 | 1 | 14.724 |
| 9/22/2018 1:50 | 1396200 | 12.785 | 17.665 | 29.142 | 2011.739 | 2339.496 | 1.214 | 1.591 | 497.082 | 1 | 14.725 |
| 9/22/2018 1:55 | 1396500 | 12.785 | 17.665 | 29.14 | 2012.007 | 2339.813 | 1.214 | 1.591 | 497.016 | 1 | 14.726 |
| 9/22/2018 2:00 | 1396800 | 12.784 | 17.665 | 29.139 | 2012.029 | 2339.399 | 1.214 | 1.591 | 497.011 | 1 | 14.727 |
| 9/22/2018 2:05 | 1397100 | 12.783 | 17.665 | 29.137 | 2012.382 | 2340.558 | 1.215 | 1.592 | 496.923 | 1 | 14.728 |
| 9/22/2018 2:10 | 1397400 | 12.782 | 17.665 | 29.134 | 2012.558 | 2340.458 | 1.214 | 1.592 | 496.88 | 1 | 14.726 |
| 9/22/2018 2:15 | 1397700 | 12.78 | 17.665 | 29.133 | 2013.253 | 2341.248 | 1.214 | 1.592 | 496.709 | 1 | 14.729 |
| 9/22/2018 2:20 | 1398000 | 12.783 | 17.664 | 29.137 | 2012.984 | 2340.977 | 1.214 | 1.592 | 496.775 | 1 | 14.727 |
| 9/22/2018 2:25 | 1398300 | 12.785 | 17.665 | 29.141 | 2013.387 | 2341.395 | 1.215 | 1.592 | 496.676 | 1 | 14.724 |
| 9/22/2018 2:30 | 1398600 | 12.787 | 17.666 | 29.146 | 2014.258 | 2342.394 | 1.215 | 1.593 | 496.461 | 1 | 14.722 |
| 9/22/2018 2:35 | 1398900 | 12.784 | 17.665 | 29.139 | 2014.02 | 2342.158 | 1.215 | 1.593 | 496.519 | 1 | 14.723 |
| 9/22/2018 2:40 | 1399200 | 12.783 | 17.665 | 29.136 | 2013.948 | 2342.065 | 1.215 | 1.593 | 496.537 | 1 | 14.725 |
| 9/22/2018 2:45 | 1399500 | 12.782 | 17.665 | 29.133 | 2014.788 | 2343.029 | 1.215 | 1.593 | 496.33 | 1 | 14.726 |
| 9/22/2018 2:50 | 1399800 | 12.784 | 17.665 | 29.14 | 2014.775 | 2343.037 | 1.215 | 1.593 | 496.333 | 1 | 14.723 |
| 9/22/2018 2:55 | 1400100 | 12.787 | 17.665 | 29.143 | 2015.382 | 2343.715 | 1.216 | 1.594 | 496.184 | 1 | 14.72 |
| 9/22/2018 3:00 | 1400400 | 12.79 | 17.665 | 29.152 | 2015.075 | 2343.376 | 1.216 | 1.593 | 496.259 | 1 | 14.717 |
| 9/22/2018 3:05 | 1400700 | 12.788 | 17.665 | 29.147 | 2015.717 | 2344.136 | 1.216 | 1.594 | 496.101 | 1 | 14.718 |
| 9/22/2018 3:10 | 1401000 | 12.786 | 17.665 | 29.143 | 2015.97 | 2344.417 | 1.216 | 1.594 | 496.039 | 1 | 14.719 |
| 9/22/2018 3:15 | 1401300 | 12.785 | 17.665 | 29.141 | 2015.76 | 2344.173 | 1.216 | 1.594 | 496.091 | 1 | 14.72 |
| 9/22/2018 3:20 | 1401600 | 12.788 | 17.665 | 29.148 | 2016.07 | 2344.547 | 1.216 | 1.594 | 496.014 | 1 | 14.718 |
| 9/22/2018 3:25 | 1401900 | 12.788 | 17.665 | 29.149 | 2016.564 | 2345.121 | 1.217 | 1.595 | 495.893 | 1 | 14.716 |
| 9/22/2018 3:30 | 1402200 | 12.791 | 17.665 | 29.155 | 2016.508 | 2345.048 | 1.217 | 1.595 | 495.907 | 1 | 14.713 |
| 9/22/2018 3:35 | 1402500 | 12.788 | 17.665 | 29.147 | 2016.393 | 2344.905 | 1.216 | 1.595 | 495.935 | 1 | 14.715 |
| 9/22/2018 3:40 | 1402800 | 12.787 | 17.665 | 29.146 | 2016.864 | 2345.453 | 1.217 | 1.595 | 495.819 | 1 | 14.717 |
| 9/22/2018 3:45 | 1403100 | 12.786 | 17.665 | 29.143 | 2017.162 | 2345.812 | 1.217 | 1.595 | 495.746 | 1 | 14.719 |
| 9/22/2018 3:50 | 1403400 | 12.788 | 17.665 | 29.148 | 2016.966 | 2345.585 | 1.217 | 1.595 | 495.794 | 1 | 14.718 |
| 9/22/2018 3:55 | 1403700 | 12.789 | 17.665 | 29.151 | 2017.441 | 2346.127 | 1.217 | 1.595 | 495.678 | 1 | 14.717 |
| 9/22/2018 4:00 | 1404000 | 12.791 | 17.665 | 29.154 | 2017.531 | 2346.228 | 1.217 | 1.595 | 495.655 | 1 | 14.715 |
| 9/22/2018 4:05 | 1404300 | 12.79 | 17.665 | 29.153 | 2017.907 | 2346.67 | 1.217 | 1.596 | 495.563 | 1 | 14.717 |
| 9/22/2018 4:10 | 1404600 | 12.79 | 17.665 | 29.151 | 2017.901 | 2346.68 | 1.217 | 1.596 | 495.565 | 1 | 14.718 |
| 9/22/2018 4:15 | 1404900 | 12.788 | 17.665 | 29.148 | 2018.225 | 2347.053 | 1.218 | 1.596 | 495.485 | 1 | 14.719 |
| 9/22/2018 4:20 | 1405200 | 12.791 | 17.665 | 29.155 | 2018.228 | 2347.048 | 1.218 | 1.596 | 495.484 | 1 | 14.716 |
| 9/22/2018 4:25 | 1405500 | 12.795 | 17.665 | 29.164 | 2018.952 | 2347.884 | 1.218 | 1.597 | 495.307 | 1 | 14.712 |
| 9/22/2018 4:30 | 1405800 | 12.799 | 17.665 | 29.172 | 2019.054 | 2348.009 | 1.218 | 1.597 | 495.281 | 1 | 14.708 |
| 9/22/2018 4:35 | 1406100 | 12.795 | 17.665 | 29.164 | 2019.431 | 2348.451 | 1.218 | 1.597 | 495.189 | 1 | 14.713 |
| 9/22/2018 4:40 | 1406400 | 12.791 | 17.665 | 29.154 | 2019.171 | 2348.144 | 1.218 | 1.597 | 495.253 | 1 | 14.718 |
| 9/22/2018 4:45 | 1406700 | 12.788 | 17.665 | 29.147 | 2020.15 | 2349.283 | 1.219 | 1.598 | 495.013 | 1 | 14.723 |
| 9/22/2018 4:50 | 1407000 | 12.788 | 17.665 | 29.148 | 2020.378 | 2349.53 | 1.219 | 1.598 | 494.957 | 1 | 14.721 |
| 9/22/2018 4:55 | 1407300 | 12.789 | 17.665 | 29.15 | 2019.922 | 2349.022 | 1.219 | 1.597 | 495.069 | 1 | 14.72 |
| 9/22/2018 5:00 | 1407600 | 12.791 | 17.665 | 29.154 | 2020.105 | 2349.23 | 1.219 | 1.597 | 495.024 | 1 | 14.719 |
| 9/22/2018 5:05 | 1407900 | 12.787 | 17.665 | 29.146 | 2020.696 | 2349.918 | 1.219 | 1.598 | 494.879 | 1 | 14.718 |
| 9/22/2018 5:10 | 1408200 | 12.788 | 17.665 | 29.147 | 2021.007 | 2350.302 | 1.219 | 1.598 | 494.803 | 1 | 14.72 |
| 9/22/2018 5:15 | 1408500 | 12.788 | 17.665 | 29.147 | 2021.084 | 2350.365 | 1.219 | 1.598 | 494.784 | 1 | 14.721 |
| 9/22/2018 5:20 | 1408800 | 12.789 | 17.665 | 29.151 | 2021.426 | 2350.775 | 1.22 | 1.599 | 494.7 | 1 | 14.72 |
| 9/22/2018 5:25 | 1409100 | 12.793 | 17.665 | 29.159 | 2022.091 | 2351.535 | 1.22 | 1.599 | 494.538 | 1 | 14.718 |
| 9/22/2018 5:30 | 1409400 | 12.795 | 17.665 | 29.165 | 2022.592 | 2352.145 | 1.22 | 1.599 | 494.415 | 1 | 14.716 |
| 9/22/2018 5:35 | 1409700 | 12.796 | 17.665 | 29.166 | 2022.576 | 2352.104 | 1.22 | 1.599 | 494.419 | 1 | 14.715 |
| 9/22/2018 5:40 | 1410000 | 12.797 | 17.665 | 29.169 | 2022.827 | 2352.414 | 1.221 | 1.6 | 494.358 | 1 | 14.716 |
| 9/22/2018 5:45 | 1410300 | 12.796 | 17.665 | 29.167 | 2023.631 | 2353.325 | 1.221 | 1.6 | 494.161 | 1 | 14.715 |
| 9/22/2018 5:50 | 1410600 | 12.8 | 17.665 | 29.174 | 2023.643 | 2353.35 | 1.221 | 1.6 | 494.158 | 1 | 14.715 |
| 9/22/2018 5:55 | 1410900 | 12.801 | 17.665 | 29.176 | 2023.792 | 2353.541 | 1.221 | 1.6 | 494.122 | 1 | 14.715 |
| 9/22/2018 6:00 | 1411200 | 12.802 | 17.665 | 29.181 | 2023.721 | 2353.454 | 1.221 | 1.6 | 494.139 | 1 | 14.715 |
| 9/22/2018 6:05 | 1411500 | 12.802 | 17.665 | 29.179 | 2024.544 | 2354.41 | 1.222 | 1.601 | 493. | | |

| | | | | | | | | | | | |
|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/22/2018 15:20 | 1444800 | 12.798 | 17.664 | 29.17 | 2009.621 | 2337.074 | 1.212 | 1.589 | 497.606 | 1 | 14.712 |
| 9/22/2018 15:25 | 1445100 | 12.801 | 17.664 | 29.177 | 2009.784 | 2337.264 | 1.212 | 1.589 | 497.566 | 1 | 14.712 |
| 9/22/2018 15:30 | 1445400 | 12.8 | 17.664 | 29.174 | 2009.894 | 2337.387 | 1.212 | 1.589 | 497.539 | 1 | 14.712 |
| 9/22/2018 15:35 | 1445700 | 12.8 | 17.664 | 29.175 | 2010.149 | 2337.689 | 1.213 | 1.59 | 497.476 | 1 | 14.712 |
| 9/22/2018 15:40 | 1446000 | 12.799 | 17.664 | 29.174 | 2010.568 | 2338.194 | 1.213 | 1.59 | 497.372 | 1 | 14.711 |
| 9/22/2018 15:45 | 1446300 | 12.799 | 17.665 | 29.173 | 2010.695 | 2338.306 | 1.213 | 1.59 | 497.34 | 1 | 14.711 |
| 9/22/2018 15:50 | 1446600 | 12.801 | 17.664 | 29.178 | 2010.539 | 2338.143 | 1.213 | 1.59 | 497.379 | 1 | 14.709 |
| 9/22/2018 15:55 | 1446900 | 12.804 | 17.664 | 29.184 | 2010.855 | 2338.519 | 1.213 | 1.59 | 497.301 | 1 | 14.708 |
| 9/22/2018 16:00 | 1447200 | 12.804 | 17.665 | 29.185 | 2011.656 | 2339.418 | 1.213 | 1.591 | 497.103 | 1 | 14.706 |
| 9/22/2018 16:05 | 1447500 | 12.802 | 17.664 | 29.18 | 2011.4 | 2339.139 | 1.213 | 1.591 | 497.166 | 1 | 14.707 |
| 9/22/2018 16:10 | 1447800 | 12.803 | 17.665 | 29.182 | 2011.684 | 2339.456 | 1.213 | 1.591 | 497.096 | 1 | 14.708 |
| 9/22/2018 16:15 | 1448100 | 12.803 | 17.664 | 29.181 | 2012.112 | 2339.976 | 1.214 | 1.591 | 496.99 | 1 | 14.708 |
| 9/22/2018 16:20 | 1448400 | 12.799 | 17.664 | 29.173 | 2012.271 | 2340.156 | 1.214 | 1.591 | 496.951 | 1 | 14.71 |
| 9/22/2018 16:25 | 1448700 | 12.798 | 17.665 | 29.17 | 2012.689 | 2340.624 | 1.214 | 1.592 | 496.848 | 1 | 14.711 |
| 9/22/2018 16:30 | 1449000 | 12.798 | 17.664 | 29.17 | 2012.825 | 2340.801 | 1.214 | 1.592 | 496.814 | 1 | 14.713 |
| 9/22/2018 16:35 | 1449300 | 12.797 | 17.665 | 29.167 | 2013.039 | 2341.026 | 1.214 | 1.592 | 496.761 | 1 | 14.713 |
| 9/22/2018 16:40 | 1449600 | 12.798 | 17.665 | 29.172 | 2013.642 | 2341.738 | 1.215 | 1.592 | 496.612 | 1 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 12.797 | 17.664 | 29.168 | 2013.509 | 2341.596 | 1.215 | 1.592 | 496.646 | 1 | 14.713 |
| 9/22/2018 16:50 | 1450200 | 12.8 | 17.664 | 29.175 | 2013.691 | 2341.816 | 1.215 | 1.592 | 496.601 | 1 | 14.709 |
| 9/22/2018 16:55 | 1450500 | 12.803 | 17.665 | 29.183 | 2014.523 | 2342.747 | 1.215 | 1.593 | 496.396 | 1 | 14.705 |
| 9/22/2018 17:00 | 1450800 | 12.807 | 17.664 | 29.191 | 2013.914 | 2342.071 | 1.215 | 1.593 | 496.546 | 1 | 14.701 |
| 9/22/2018 17:05 | 1451100 | 12.807 | 17.664 | 29.191 | 2014.409 | 2342.647 | 1.215 | 1.593 | 496.423 | 1 | 14.701 |
| 9/22/2018 17:10 | 1451400 | 12.808 | 17.665 | 29.194 | 2014.738 | 2343.003 | 1.215 | 1.593 | 496.342 | 1 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 12.809 | 17.665 | 29.195 | 2015.344 | 2343.716 | 1.216 | 1.594 | 496.193 | 1 | 14.7 |
| 9/22/2018 17:20 | 1452000 | 12.806 | 17.664 | 29.189 | 2015.451 | 2343.854 | 1.216 | 1.594 | 496.167 | 1 | 14.702 |
| 9/22/2018 17:25 | 1452300 | 12.805 | 17.665 | 29.186 | 2015.77 | 2344.198 | 1.216 | 1.594 | 496.088 | 1 | 14.703 |
| 9/22/2018 17:30 | 1452600 | 12.803 | 17.664 | 29.182 | 2015.663 | 2344.092 | 1.216 | 1.594 | 496.115 | 1 | 14.705 |
| 9/22/2018 17:35 | 1452900 | 12.804 | 17.665 | 29.184 | 2015.992 | 2344.448 | 1.216 | 1.594 | 496.034 | 1 | 14.704 |
| 9/22/2018 17:40 | 1453200 | 12.804 | 17.665 | 29.184 | 2016.291 | 2344.817 | 1.216 | 1.594 | 495.96 | 1 | 14.703 |
| 9/22/2018 17:45 | 1453500 | 12.806 | 17.664 | 29.189 | 2016.649 | 2345.238 | 1.217 | 1.595 | 495.872 | 1 | 14.703 |
| 9/22/2018 17:50 | 1453800 | 12.805 | 17.665 | 29.186 | 2016.912 | 2345.513 | 1.217 | 1.595 | 495.807 | 1 | 14.703 |
| 9/22/2018 17:55 | 1454100 | 12.805 | 17.664 | 29.186 | 2017.17 | 2345.844 | 1.217 | 1.595 | 495.744 | 1 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 12.805 | 17.665 | 29.187 | 2017.273 | 2345.942 | 1.217 | 1.595 | 495.719 | 1 | 14.703 |
| 9/22/2018 18:05 | 1454700 | 12.807 | 17.665 | 29.191 | 2017.458 | 2346.166 | 1.217 | 1.595 | 495.673 | 1 | 14.701 |
| 9/22/2018 18:10 | 1455000 | 12.808 | 17.665 | 29.193 | 2017.725 | 2346.471 | 1.217 | 1.596 | 495.608 | 1 | 14.699 |
| 9/22/2018 18:15 | 1455300 | 12.81 | 17.664 | 29.199 | 2018.133 | 2346.977 | 1.218 | 1.596 | 495.508 | 1 | 14.697 |
| 9/22/2018 18:20 | 1455600 | 12.809 | 17.665 | 29.195 | 2018.334 | 2347.189 | 1.218 | 1.596 | 495.458 | 1 | 14.698 |
| 9/22/2018 18:25 | 1455900 | 12.808 | 17.665 | 29.193 | 2018.521 | 2347.41 | 1.218 | 1.596 | 495.412 | 1 | 14.698 |
| 9/22/2018 18:30 | 1456200 | 12.808 | 17.665 | 29.193 | 2019.056 | 2348.01 | 1.218 | 1.597 | 495.281 | 1 | 14.698 |
| 9/22/2018 18:35 | 1456500 | 12.808 | 17.664 | 29.193 | 2019.172 | 2348.173 | 1.218 | 1.597 | 495.252 | 1 | 14.698 |
| 9/22/2018 18:40 | 1456800 | 12.809 | 17.665 | 29.195 | 2019.27 | 2348.273 | 1.218 | 1.597 | 495.228 | 1 | 14.697 |
| 9/22/2018 18:45 | 1457100 | 12.811 | 17.664 | 29.2 | 2019.6 | 2348.68 | 1.219 | 1.597 | 495.147 | 1 | 14.696 |
| 9/22/2018 18:50 | 1457400 | 12.809 | 17.665 | 29.196 | 2019.674 | 2348.747 | 1.219 | 1.597 | 495.129 | 1 | 14.695 |
| 9/22/2018 18:55 | 1457700 | 12.811 | 17.665 | 29.2 | 2019.843 | 2348.944 | 1.219 | 1.597 | 495.088 | 1 | 14.695 |
| 9/22/2018 19:00 | 1458000 | 12.811 | 17.665 | 29.2 | 2020.078 | 2349.212 | 1.219 | 1.597 | 495.03 | 1 | 14.695 |
| 9/22/2018 19:05 | 1458300 | 12.811 | 17.665 | 29.2 | 2021.22 | 2350.545 | 1.22 | 1.598 | 494.751 | 1 | 14.696 |
| 9/22/2018 19:10 | 1458600 | 12.809 | 17.665 | 29.196 | 2020.642 | 2349.868 | 1.219 | 1.598 | 494.892 | 1 | 14.697 |
| 9/22/2018 19:15 | 1458900 | 12.809 | 17.665 | 29.195 | 2021.437 | 2350.793 | 1.22 | 1.599 | 494.697 | 1 | 14.698 |
| 9/22/2018 19:20 | 1459200 | 12.806 | 17.664 | 29.19 | 2021.472 | 2350.852 | 1.22 | 1.599 | 494.689 | 1 | 14.7 |
| 9/22/2018 19:25 | 1459500 | 12.807 | 17.665 | 29.19 | 2021.442 | 2350.794 | 1.22 | 1.599 | 494.696 | 1 | 14.702 |
| 9/22/2018 19:30 | 1459800 | 12.804 | 17.664 | 29.183 | 2022 | 2351.48 | 1.22 | 1.599 | 494.56 | 1 | 14.704 |
| 9/22/2018 19:35 | 1460100 | 12.807 | 17.665 | 29.191 | 2022.337 | 2351.844 | 1.22 | 1.599 | 494.478 | 1 | 14.701 |
| 9/22/2018 19:40 | 1460400 | 12.808 | 17.665 | 29.193 | 2022.61 | 2352.148 | 1.22 | 1.599 | 494.411 | 1 | 14.698 |
| 9/22/2018 19:45 | 1460700 | 12.812 | 17.665 | 29.203 | 2022.56 | 2352.094 | 1.22 | 1.599 | 494.423 | 1 | 14.695 |
| 9/22/2018 19:50 | 1461000 | 12.811 | 17.665 | 29.201 | 2023.311 | 2352.959 | 1.221 | 1.6 | 494.239 | 1 | 14.697 |
| 9/22/2018 19:55 | 1461300 | 12.808 | 17.665 | 29.194 | 2023.331 | 2352.991 | 1.221 | 1.6 | 494.234 | 1 | 14.698 |
| 9/22/2018 20:00 | 1461600 | 12.808 | 17.665 | 29.194 | 2023.389 | 2353.058 | 1.221 | 1.6 | 494.22 | 1 | 14.699 |
| 9/22/2018 20:05 | 1461900 | 12.808 | 17.665 | 29.194 | 2023.616 | 2353.569 | 1.221 | 1.6 | 494.116 | 1 | 14.698 |
| 9/22/2018 20:10 | 1462200 | 12.809 | 17.665 | 29.196 | 2023.789 | 2353.523 | 1.221 | 1.6 | 494.123 | 1 | 14.697 |
| 9/22/2018 20:15 | 1462500 | 12.809 | 17.665 | 29.197 | 2024.129 | 2353.928 | 1.221 | 1.601 | 494.04 | 1 | 14.696 |
| 9/22/2018 20:20 | 1462800 | 12.811 | 17.665 | 29.2 | 2024.358 | 2354.194 | 1.222 | 1.601 | 493.984 | 1 | 14.696 |
| 9/22/2018 20:25 | 1463100 | 12.81 | 17.665 | 29.199 | 2024.508 | 2354.345 | 1.222 | 1.601 | 493.947 | 1 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 12.812 | 17.665 | 29.203 | 2025.191 | 2355.158 | 1.222 | 1.602 | 493.781 | 1 | 14.695 |
| 9/22/2018 20:35 | 1463700 | 12.81 | 17.665 | 29.199 | 2025.322 | 2355.306 | 1.222 | 1.602 | 493.749 | 1 | 14.698 |
| 9/22/2018 20:40 | 1464000 | 12.809 | 17.665 | 29.196 | 2025.054 | 2355.008 | 1.222 | 1.601 | 493.814 | 1 | 14.7 |
| 9/22/2018 20:45 | 1464300 | 12.807 | 17.664 | 29.191 | 2025.803 | 2355.883 | 1.222 | 1.602 | 493.632 | 1 | 14.702 |
| 9/22/2018 20:50 | 1464600 | 12.808 | 17.665 | 29.193 | 2025.584 | 2355.52 | 1.222 | 1.601 | 493.685 | 1 | 14.7 |
| 9/22/2018 20:55 | 1464900 | 12.809 | 17.664 | 29.195 | 2026.02 | 2356.136 | 1.223 | 1.602 | 493.579 | 1 | 14.699 |
| 9/22/2018 21:00 | 1465200 | 12.811 | 17.664 | 29.2 | 2026.349 | 2356.519 | 1.223 | 1.602 | 493.498 | 1 | 14.697 |
| 9/22/2018 21:05 | 1465500 | 12.811 | 17.665 | 29.2 | 2026.01 | 2356.12 | 1.223 | 1.602 | 493.581 | 1 | 14.698 |
| 9/22/2018 21:10 | 1465800 | 12.81 | 17.664 | 29.198 | 2025.978 | 2356.092 | 1.223 | 1.602 | 493.589 | 1 | 14.699 |
| 9/22/2018 21:15 | 1466100 | 12.811 | 17.665 | 29.201 | 2026.156 | 2356.285 | 1.223 | 1.602 | 493.545 | 1 | 14.699 |
| 9/22/2018 21:20 | 1466400 | 12.813 | 17.665 | 29.205 | 2026.528 | 2356.718 | 1.223 | 1.603 | 493.455 | 1 | 14.7 |
| 9/22/2018 21:25 | 1466700 | 12.812 | 17.664 | 29.203 | 2026.84 | 2357.095 | 1.223 | 1.603 | 493.379 | 1 | 14.701 |
| 9/22/2018 21:30 | 1467000 | 12.811 | 17.664 | 29.201 | 2027.608 | 2357.988 | 1.224 | 1.603 | 493.192 | 1 | 14.701 |
| 9/22/2018 21:35 | 1467300 | 12.813 | 17.665 | 29.205 | 2027.641 | 2358.012 | 1.224 | 1.603 | 493.184 | 1 | 14.699 |
| 9/22/2018 21:40 | 1467600 | 12.816 | 17.664 | 29.212 | 2027.554 | 2357.92 | 1.224 | 1.603 | 493.205 | 1 | 14.698 |
| 9/22/2018 21:45 | 1467900 | 12.817 | 17.665 | 29.214 | 2027.379 | 2357.698 | 1.223 | 1.603 | 493.248 | 1 | 14.696 |
| 9/22/2018 21:50 | 1468200 | 12.818 | 17.665 | 29.215 | 2027.816 | 2358.211 | 1.224 | 1.604 | 493.141 | 1 | 14.696 |
| 9/22/2018 21:55 | 1468500 | 12.816 | 17.665 | 29.213 | 2027.962 | 2358.381 | 1.224 | 1.604 | 493.106 | 1 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 12.818 | 17.665 | 29.215 | 2027.734 | 2358.125 | 1.224 | 1.604 | 493.161 | 1 | 14.697 |
| 9/22/2018 22:05 | 1469100 | 12.816 | 17.665 | 29.212 | 2028.036 | 2358.462 | 1.224 | 1.604 | 493.088 | 1 | 14.696 |
| 9/22/2018 22:10 | 1469400 | 12.817 | 17.665 | 29.214 | 2028.957 | 2359.533 | 1.224 | 1.604 | 492.864 | 1 | 14.695 |
| 9/22/2018 22:15 | 1469700 | 12.818 | 17.664 | 29.216 | 2028.201 | 2358.682 | 1.224 | 1.604 | 493.048 | 1 | 14.694 |
| 9/22/2018 22:20 | 1470000 | 12.818 | 17.664 | 29.215 | 2029.059 | 2359.676 | 1.225 | 1.605 | 492.839 | 1 | 14.695 |
| 9/22/2018 22:25 | 1470300 | 12.815 | 17.665 | 29.209 | 2028.97 | 2359.563 | 1.225 | 1.601 | 49 | | |

| | | | | | | | | | | | |
|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/23/2018 7:45 | 1503900 | 12.843 | 17.664 | 29.272 | 2037.369 | 2369.334 | 1.23 | 1.611 | 490.829 | 1 | 14.688 |
| 9/23/2018 7:50 | 1504200 | 12.842 | 17.665 | 29.27 | 2037.431 | 2369.402 | 1.23 | 1.611 | 490.814 | 1 | 14.69 |
| 9/23/2018 7:55 | 1504500 | 12.841 | 17.664 | 29.269 | 2037.492 | 2369.496 | 1.23 | 1.611 | 490.799 | 1 | 14.693 |
| 9/23/2018 8:00 | 1504800 | 12.839 | 17.665 | 29.265 | 2037.953 | 2370.005 | 1.23 | 1.612 | 490.688 | 1 | 14.695 |
| 9/23/2018 8:05 | 1505100 | 12.84 | 17.664 | 29.267 | 2038.111 | 2370.208 | 1.23 | 1.612 | 490.65 | 1 | 14.697 |
| 9/23/2018 8:10 | 1505400 | 12.837 | 17.664 | 29.26 | 2037.386 | 2369.377 | 1.23 | 1.611 | 490.825 | 1 | 14.699 |
| 9/23/2018 8:15 | 1505700 | 12.835 | 17.664 | 29.256 | 2037.692 | 2369.729 | 1.23 | 1.611 | 490.751 | 1 | 14.7 |
| 9/23/2018 8:20 | 1506000 | 12.835 | 17.665 | 29.256 | 2037.581 | 2369.576 | 1.23 | 1.611 | 490.778 | 1 | 14.699 |
| 9/23/2018 8:25 | 1506300 | 12.838 | 17.664 | 29.261 | 2037.746 | 2369.772 | 1.23 | 1.611 | 490.738 | 1 | 14.699 |
| 9/23/2018 8:30 | 1506600 | 12.839 | 17.664 | 29.264 | 2037.833 | 2369.888 | 1.23 | 1.612 | 490.717 | 1 | 14.698 |
| 9/23/2018 8:35 | 1506900 | 12.839 | 17.664 | 29.264 | 2038.202 | 2370.317 | 1.23 | 1.612 | 490.628 | 1 | 14.699 |
| 9/23/2018 8:40 | 1507200 | 12.837 | 17.664 | 29.259 | 2037.83 | 2369.875 | 1.23 | 1.612 | 490.718 | 1 | 14.7 |
| 9/23/2018 8:45 | 1507500 | 12.839 | 17.664 | 29.263 | 2037.789 | 2369.822 | 1.23 | 1.611 | 490.728 | 1 | 14.701 |
| 9/23/2018 8:50 | 1507800 | 12.839 | 17.664 | 29.264 | 2037.753 | 2369.79 | 1.23 | 1.611 | 490.737 | 1 | 14.702 |
| 9/23/2018 8:55 | 1508100 | 12.837 | 17.664 | 29.26 | 2038.471 | 2370.649 | 1.231 | 1.612 | 490.564 | 1 | 14.703 |
| 9/23/2018 9:00 | 1508400 | 12.839 | 17.665 | 29.263 | 2038.241 | 2370.344 | 1.23 | 1.612 | 490.619 | 1 | 14.703 |
| 9/23/2018 9:05 | 1508700 | 12.838 | 17.664 | 29.263 | 2038.038 | 2370.126 | 1.23 | 1.612 | 490.668 | 1 | 14.705 |
| 9/23/2018 9:10 | 1509000 | 12.837 | 17.665 | 29.26 | 2038.772 | 2370.952 | 1.231 | 1.612 | 490.491 | 1 | 14.706 |
| 9/23/2018 9:15 | 1509300 | 12.837 | 17.664 | 29.259 | 2038.267 | 2370.388 | 1.23 | 1.612 | 490.613 | 1 | 14.708 |
| 9/23/2018 9:20 | 1509600 | 12.839 | 17.664 | 29.264 | 2038.546 | 2370.722 | 1.231 | 1.612 | 490.546 | 1 | 14.706 |
| 9/23/2018 9:25 | 1509900 | 12.84 | 17.664 | 29.266 | 2038.453 | 2370.605 | 1.231 | 1.612 | 490.568 | 1 | 14.704 |
| 9/23/2018 9:30 | 1510200 | 12.842 | 17.665 | 29.27 | 2038.435 | 2370.564 | 1.23 | 1.612 | 490.573 | 1 | 14.703 |
| 9/23/2018 9:35 | 1510500 | 12.841 | 17.664 | 29.269 | 2038.026 | 2370.112 | 1.23 | 1.612 | 490.671 | 1 | 14.704 |
| 9/23/2018 9:40 | 1510800 | 12.842 | 17.665 | 29.27 | 2038.774 | 2370.958 | 1.231 | 1.612 | 490.491 | 1 | 14.705 |
| 9/23/2018 9:45 | 1511100 | 12.842 | 17.664 | 29.27 | 2038.276 | 2370.395 | 1.23 | 1.612 | 490.611 | 1 | 14.706 |
| 9/23/2018 9:50 | 1511400 | 12.839 | 17.665 | 29.264 | 2038.985 | 2371.209 | 1.231 | 1.612 | 490.44 | 1 | 14.707 |
| 9/23/2018 9:55 | 1511700 | 12.838 | 17.665 | 29.261 | 2038.213 | 2370.293 | 1.23 | 1.612 | 490.626 | 1 | 14.708 |
| 9/23/2018 10:00 | 1512000 | 12.836 | 17.664 | 29.257 | 2038.752 | 2370.947 | 1.231 | 1.612 | 490.496 | 1 | 14.709 |
| 9/23/2018 10:05 | 1512300 | 12.836 | 17.664 | 29.258 | 2038.522 | 2370.704 | 1.231 | 1.612 | 490.551 | 1 | 14.71 |
| 9/23/2018 10:10 | 1512600 | 12.836 | 17.664 | 29.257 | 2038.896 | 2371.115 | 1.231 | 1.612 | 490.461 | 1 | 14.711 |
| 9/23/2018 10:15 | 1512900 | 12.836 | 17.664 | 29.257 | 2038.25 | 2370.364 | 1.23 | 1.612 | 490.617 | 1 | 14.712 |
| 9/23/2018 10:20 | 1513200 | 12.837 | 17.664 | 29.26 | 2038.612 | 2370.799 | 1.231 | 1.612 | 490.53 | 1 | 14.71 |
| 9/23/2018 10:25 | 1513500 | 12.838 | 17.665 | 29.261 | 2038.971 | 2371.184 | 1.231 | 1.612 | 490.443 | 1 | 14.709 |
| 9/23/2018 10:30 | 1513800 | 12.839 | 17.664 | 29.265 | 2038.492 | 2370.663 | 1.231 | 1.612 | 490.559 | 1 | 14.708 |
| 9/23/2018 10:35 | 1514100 | 12.839 | 17.664 | 29.263 | 2038.881 | 2371.103 | 1.231 | 1.612 | 490.465 | 1 | 14.707 |
| 9/23/2018 10:40 | 1514400 | 12.84 | 17.665 | 29.266 | 2038.745 | 2370.916 | 1.231 | 1.612 | 490.498 | 1 | 14.706 |
| 9/23/2018 10:45 | 1514700 | 12.841 | 17.664 | 29.269 | 2038.454 | 2370.619 | 1.231 | 1.612 | 490.568 | 1 | 14.705 |
| 9/23/2018 10:50 | 1515000 | 12.841 | 17.664 | 29.268 | 2038.729 | 2370.916 | 1.231 | 1.612 | 490.502 | 1 | 14.704 |
| 9/23/2018 10:55 | 1515300 | 12.843 | 17.665 | 29.274 | 2038.75 | 2370.909 | 1.231 | 1.611 | 490.5 | 1 | 14.703 |
| 9/23/2018 11:00 | 1515600 | 12.843 | 17.665 | 29.273 | 2039.199 | 2371.458 | 1.231 | 1.613 | 490.389 | 1 | 14.702 |
| 9/23/2018 11:05 | 1515900 | 12.843 | 17.664 | 29.274 | 2038.705 | 2370.911 | 1.231 | 1.612 | 490.508 | 1 | 14.701 |
| 9/23/2018 11:10 | 1516200 | 12.845 | 17.664 | 29.277 | 2038.883 | 2371.099 | 1.231 | 1.612 | 490.465 | 1 | 14.701 |
| 9/23/2018 11:15 | 1516500 | 12.845 | 17.664 | 29.278 | 2039.26 | 2371.544 | 1.231 | 1.613 | 490.374 | 1 | 14.7 |
| 9/23/2018 11:20 | 1516800 | 12.846 | 17.664 | 29.28 | 2039.303 | 2371.593 | 1.231 | 1.613 | 490.364 | 1 | 14.7 |
| 9/23/2018 11:25 | 1517100 | 12.847 | 17.664 | 29.282 | 2038.781 | 2371.009 | 1.231 | 1.612 | 490.489 | 1 | 14.7 |
| 9/23/2018 11:30 | 1517400 | 12.847 | 17.664 | 29.283 | 2039.457 | 2371.786 | 1.231 | 1.613 | 490.327 | 1 | 14.7 |
| 9/23/2018 11:35 | 1517700 | 12.844 | 17.664 | 29.276 | 2039.497 | 2371.854 | 1.231 | 1.613 | 490.317 | 1 | 14.703 |
| 9/23/2018 11:40 | 1518000 | 12.842 | 17.664 | 29.271 | 2038.878 | 2371.099 | 1.231 | 1.612 | 490.466 | 1 | 14.706 |
| 9/23/2018 11:45 | 1518300 | 12.84 | 17.664 | 29.266 | 2039.245 | 2371.535 | 1.231 | 1.613 | 490.378 | 1 | 14.708 |
| 9/23/2018 11:50 | 1518600 | 12.839 | 17.664 | 29.264 | 2039.507 | 2371.835 | 1.231 | 1.613 | 490.314 | 1 | 14.707 |
| 9/23/2018 11:55 | 1518900 | 12.838 | 17.665 | 29.262 | 2039.524 | 2371.831 | 1.231 | 1.613 | 490.311 | 1 | 14.707 |
| 9/23/2018 12:00 | 1519200 | 12.84 | 17.664 | 29.266 | 2039.678 | 2372.02 | 1.231 | 1.613 | 490.273 | 1 | 14.706 |
| 9/23/2018 12:05 | 1519500 | 12.842 | 17.665 | 29.271 | 2039.892 | 2372.264 | 1.231 | 1.613 | 490.222 | 1 | 14.703 |
| 9/23/2018 12:10 | 1519800 | 12.846 | 17.664 | 29.279 | 2039.393 | 2371.702 | 1.231 | 1.613 | 490.342 | 1 | 14.699 |
| 9/23/2018 12:15 | 1520100 | 12.849 | 17.664 | 29.287 | 2039.558 | 2371.881 | 1.231 | 1.613 | 490.302 | 1 | 14.696 |
| 9/23/2018 12:20 | 1520400 | 12.848 | 17.664 | 29.285 | 2039.535 | 2371.863 | 1.231 | 1.613 | 490.308 | 1 | 14.697 |
| 9/23/2018 12:25 | 1520700 | 12.846 | 17.664 | 29.286 | 2039.613 | 2371.954 | 1.231 | 1.613 | 490.289 | 1 | 14.697 |
| 9/23/2018 12:30 | 1521000 | 12.844 | 17.665 | 29.276 | 2039.637 | 2371.968 | 1.231 | 1.613 | 490.283 | 1 | 14.698 |
| 9/23/2018 12:35 | 1521300 | 12.846 | 17.664 | 29.28 | 2039.919 | 2372.314 | 1.231 | 1.613 | 490.215 | 1 | 14.697 |
| 9/23/2018 12:40 | 1521600 | 12.847 | 17.664 | 29.283 | 2039.379 | 2371.671 | 1.231 | 1.613 | 490.345 | 1 | 14.695 |
| 9/23/2018 12:45 | 1521900 | 12.849 | 17.664 | 29.287 | 2039.976 | 2372.376 | 1.231 | 1.613 | 490.202 | 1 | 14.694 |
| 9/23/2018 12:50 | 1522200 | 12.846 | 17.664 | 29.281 | 2039.129 | 2371.404 | 1.231 | 1.613 | 490.405 | 1 | 14.695 |
| 9/23/2018 12:55 | 1522500 | 12.845 | 17.665 | 29.278 | 2039.828 | 2372.19 | 1.231 | 1.613 | 490.237 | 1 | 14.696 |
| 9/23/2018 13:00 | 1522800 | 12.842 | 17.664 | 29.271 | 2039.281 | 2371.567 | 1.231 | 1.613 | 490.369 | 1 | 14.697 |
| 9/23/2018 13:05 | 1523100 | 12.844 | 17.664 | 29.274 | 2039.416 | 2371.715 | 1.231 | 1.613 | 490.337 | 1 | 14.695 |
| 9/23/2018 13:10 | 1523400 | 12.846 | 17.664 | 29.279 | 2039.541 | 2371.879 | 1.231 | 1.613 | 490.306 | 1 | 14.693 |
| 9/23/2018 13:15 | 1523700 | 12.847 | 17.665 | 29.282 | 2039.792 | 2372.148 | 1.231 | 1.613 | 490.246 | 1 | 14.691 |
| 9/23/2018 13:20 | 1524000 | 12.847 | 17.664 | 29.282 | 2039.747 | 2372.114 | 1.231 | 1.613 | 490.257 | 1 | 14.691 |
| 9/23/2018 13:25 | 1524300 | 12.847 | 17.664 | 29.282 | 2039.401 | 2371.717 | 1.231 | 1.613 | 490.34 | 1 | 14.69 |
| 9/23/2018 13:30 | 1524600 | 12.848 | 17.664 | 29.284 | 2039.418 | 2371.717 | 1.231 | 1.613 | 490.336 | 1 | 14.689 |
| 9/23/2018 13:35 | 1524900 | 12.847 | 17.664 | 29.282 | 2039.776 | 2372.139 | 1.231 | 1.613 | 490.25 | 1 | 14.691 |
| 9/23/2018 13:40 | 1525200 | 12.845 | 17.664 | 29.278 | 2039.177 | 2371.441 | 1.231 | 1.613 | 490.394 | 1 | 14.692 |
| 9/23/2018 13:45 | 1525500 | 12.844 | 17.665 | 29.276 | 2039.435 | 2371.728 | 1.231 | 1.613 | 490.332 | 1 | 14.693 |
| 9/23/2018 13:50 | 1525800 | 12.846 | 17.664 | 29.279 | 2039.391 | 2371.699 | 1.231 | 1.613 | 490.342 | 1 | 14.691 |
| 9/23/2018 13:55 | 1526100 | 12.847 | 17.664 | 29.282 | 2039.35 | 2371.648 | 1.231 | 1.613 | 490.352 | 1 | 14.688 |
| 9/23/2018 14:00 | 1526400 | 12.849 | 17.664 | 29.287 | 2039.786 | 2372.158 | 1.231 | 1.613 | 490.248 | 1 | 14.686 |
| 9/23/2018 14:05 | 1526700 | 12.849 | 17.664 | 29.287 | 2039.133 | 2371.618 | 1.231 | 1.613 | 490.357 | 1 | 14.686 |
| 9/23/2018 14:10 | 1527000 | 12.848 | 17.664 | 29.284 | 2039.464 | 2371.776 | 1.231 | 1.613 | 490.325 | 1 | 14.685 |
| 9/23/2018 14:15 | 1527300 | 12.848 | 17.664 | 29.285 | 2040.216 | 2372.646 | 1.232 | 1.613 | 490.144 | 1 | 14.685 |
| 9/23/2018 14:20 | 1527600 | 12.847 | 17.664 | 29.283 | 2039.484 | 2371.808 | 1.231 | 1.613 | 490.32 | 1 | 14.685 |
| 9/23/2018 14:25 | 1527900 | 12.847 | 17.665 | 29.282 | 2039.631 | 2371.956 | 1.231 | 1.613 | 490.285 | 1 | 14.685 |
| 9/23/2018 14:30 | 1528200 | 12.847 | 17.664 | 29.281 | 2040.189 | 2372.636 | 1.232 | 1.613 | 490.151 | 1 | 14.685 |
| 9/23/2018 14:35 | 1528500 | 12.845 | 17.664 | 29.278 | 2039.913 | 2372.316 | 1.231 | 1.613 | 490.217 | 1 | 14.684 |
| 9/23/2018 14:40 | 1528800 | 12.847 | 17.664 | 29.282 | 2039.48 | 2371.803 | 1.231 | 1.613 | 490.321 | 1 | 14.683 |
| 9/23/2018 14:45 | 1529100 | 12.848 | 17.664 | 29.284 | 2039.515 | 2371.844 | 1.231 | 1.613 | 490.313 | 1 | 14.682 |
| 9/23/2018 14:50 | 1529400 | 12.851 | 17.664 | 29.292 | 2039.473 | 2371.8 | 1.231 | 1.613 | 490.3 | | |

| | | | | | | | | | | | |
|----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/24/2018 0:10 | 1563000 | 12.867 | 17.664 | 29.329 | 2039.544 | 2371.892 | 1.231 | 1.613 | 490.306 | 1 | 14.658 |
| 9/24/2018 0:15 | 1563300 | 12.865 | 17.664 | 29.323 | 2039.151 | 2371.411 | 1.231 | 1.613 | 490.4 | 1 | 14.66 |
| 9/24/2018 0:20 | 1563600 | 12.865 | 17.665 | 29.322 | 2038.974 | 2371.197 | 1.231 | 1.612 | 490.443 | 1 | 14.662 |
| 9/24/2018 0:25 | 1563900 | 12.866 | 17.664 | 29.325 | 2039.372 | 2371.677 | 1.231 | 1.613 | 490.347 | 1 | 14.663 |
| 9/24/2018 0:30 | 1564200 | 12.864 | 17.664 | 29.32 | 2039.322 | 2371.62 | 1.231 | 1.613 | 490.359 | 1 | 14.664 |
| 9/24/2018 0:35 | 1564500 | 12.865 | 17.664 | 29.323 | 2039.583 | 2371.923 | 1.231 | 1.613 | 490.296 | 1 | 14.663 |
| 9/24/2018 0:40 | 1564800 | 12.865 | 17.664 | 29.324 | 2039.033 | 2371.302 | 1.231 | 1.612 | 490.428 | 1 | 14.662 |
| 9/24/2018 0:45 | 1565100 | 12.867 | 17.664 | 29.329 | 2038.796 | 2370.994 | 1.231 | 1.612 | 490.486 | 1 | 14.661 |
| 9/24/2018 0:50 | 1565400 | 12.865 | 17.664 | 29.323 | 2038.774 | 2370.982 | 1.231 | 1.612 | 490.491 | 1 | 14.663 |
| 9/24/2018 0:55 | 1565700 | 12.862 | 17.664 | 29.316 | 2039.594 | 2371.932 | 1.231 | 1.613 | 490.294 | 1 | 14.665 |
| 9/24/2018 1:00 | 1566000 | 12.862 | 17.664 | 29.316 | 2038.833 | 2371.07 | 1.231 | 1.612 | 490.477 | 1 | 14.667 |
| 9/24/2018 1:05 | 1566300 | 12.863 | 17.664 | 29.318 | 2038.875 | 2371.099 | 1.231 | 1.612 | 490.467 | 1 | 14.666 |
| 9/24/2018 1:10 | 1566600 | 12.864 | 17.664 | 29.322 | 2039.263 | 2371.551 | 1.231 | 1.613 | 490.373 | 1 | 14.665 |
| 9/24/2018 1:15 | 1566900 | 12.865 | 17.664 | 29.324 | 2039.11 | 2371.382 | 1.231 | 1.613 | 490.41 | 1 | 14.664 |
| 9/24/2018 1:20 | 1567200 | 12.866 | 17.665 | 29.325 | 2038.76 | 2370.943 | 1.231 | 1.612 | 490.494 | 1 | 14.664 |
| 9/24/2018 1:25 | 1567500 | 12.866 | 17.664 | 29.326 | 2038.885 | 2371.139 | 1.231 | 1.612 | 490.464 | 1 | 14.665 |
| 9/24/2018 1:30 | 1567800 | 12.865 | 17.665 | 29.323 | 2038.955 | 2371.169 | 1.231 | 1.612 | 490.447 | 1 | 14.666 |
| 9/24/2018 1:35 | 1568100 | 12.867 | 17.664 | 29.327 | 2038.559 | 2370.746 | 1.231 | 1.612 | 490.543 | 1 | 14.664 |
| 9/24/2018 1:40 | 1568400 | 12.869 | 17.664 | 29.331 | 2039 | 2371.253 | 1.231 | 1.612 | 490.437 | 1 | 14.663 |
| 9/24/2018 1:45 | 1568700 | 12.869 | 17.664 | 29.332 | 2039.026 | 2371.272 | 1.231 | 1.612 | 490.43 | 1 | 14.662 |
| 9/24/2018 1:50 | 1569000 | 12.867 | 17.664 | 29.328 | 2038.986 | 2371.229 | 1.231 | 1.612 | 490.44 | 1 | 14.662 |
| 9/24/2018 1:55 | 1569300 | 12.868 | 17.664 | 29.33 | 2039.054 | 2371.317 | 1.231 | 1.612 | 490.423 | 1 | 14.663 |
| 9/24/2018 2:00 | 1569600 | 12.866 | 17.664 | 29.327 | 2038.431 | 2370.583 | 1.231 | 1.612 | 490.573 | 1 | 14.663 |
| 9/24/2018 2:05 | 1569900 | 12.869 | 17.664 | 29.331 | 2038.413 | 2370.562 | 1.23 | 1.612 | 490.578 | 1 | 14.662 |
| 9/24/2018 2:10 | 1570200 | 12.871 | 17.664 | 29.336 | 2038.876 | 2371.087 | 1.231 | 1.612 | 490.466 | 1 | 14.66 |
| 9/24/2018 2:15 | 1570500 | 12.873 | 17.664 | 29.343 | 2038.232 | 2370.348 | 1.23 | 1.612 | 490.621 | 1 | 14.659 |
| 9/24/2018 2:20 | 1570800 | 12.871 | 17.664 | 29.337 | 2038.334 | 2370.475 | 1.23 | 1.612 | 490.597 | 1 | 14.661 |
| 9/24/2018 2:25 | 1571100 | 12.869 | 17.664 | 29.331 | 2038.927 | 2371.156 | 1.231 | 1.612 | 490.454 | 1 | 14.663 |
| 9/24/2018 2:30 | 1571400 | 12.865 | 17.664 | 29.323 | 2038.281 | 2370.395 | 1.23 | 1.612 | 490.61 | 1 | 14.666 |
| 9/24/2018 2:35 | 1571700 | 12.866 | 17.664 | 29.325 | 2038.261 | 2370.391 | 1.23 | 1.612 | 490.614 | 1 | 14.665 |
| 9/24/2018 2:40 | 1572000 | 12.865 | 17.664 | 29.324 | 2038.518 | 2370.698 | 1.231 | 1.612 | 490.552 | 1 | 14.664 |
| 9/24/2018 2:45 | 1572300 | 12.866 | 17.664 | 29.327 | 2038.065 | 2370.149 | 1.23 | 1.612 | 490.661 | 1 | 14.663 |
| 9/24/2018 2:50 | 1572600 | 12.866 | 17.664 | 29.326 | 2038.605 | 2370.809 | 1.231 | 1.612 | 490.531 | 1 | 14.664 |
| 9/24/2018 2:55 | 1572900 | 12.864 | 17.664 | 29.322 | 2037.889 | 2369.958 | 1.23 | 1.612 | 490.704 | 1 | 14.665 |
| 9/24/2018 3:00 | 1573200 | 12.864 | 17.665 | 29.321 | 2037.879 | 2369.923 | 1.23 | 1.612 | 490.706 | 1 | 14.666 |
| 9/24/2018 3:05 | 1573500 | 12.866 | 17.664 | 29.326 | 2037.521 | 2369.53 | 1.23 | 1.611 | 490.792 | 1 | 14.664 |
| 9/24/2018 3:10 | 1573800 | 12.866 | 17.664 | 29.325 | 2037.905 | 2369.986 | 1.23 | 1.612 | 490.7 | 1 | 14.663 |
| 9/24/2018 3:15 | 1574100 | 12.869 | 17.664 | 29.331 | 2037.432 | 2369.444 | 1.23 | 1.611 | 490.814 | 1 | 14.661 |
| 9/24/2018 3:20 | 1574400 | 12.867 | 17.664 | 29.329 | 2037.659 | 2369.708 | 1.23 | 1.611 | 490.759 | 1 | 14.661 |
| 9/24/2018 3:25 | 1574700 | 12.865 | 17.664 | 29.324 | 2037.23 | 2369.205 | 1.23 | 1.611 | 490.863 | 1 | 14.662 |
| 9/24/2018 3:30 | 1575000 | 12.866 | 17.664 | 29.325 | 2036.541 | 2368.399 | 1.229 | 1.611 | 491.029 | 1 | 14.662 |
| 9/24/2018 3:35 | 1575300 | 12.865 | 17.664 | 29.324 | 2036.761 | 2368.646 | 1.229 | 1.611 | 490.976 | 1 | 14.662 |
| 9/24/2018 3:40 | 1575600 | 12.865 | 17.664 | 29.322 | 2036.084 | 2367.849 | 1.229 | 1.61 | 491.139 | 1 | 14.662 |
| 9/24/2018 3:45 | 1575900 | 12.865 | 17.664 | 29.322 | 2035.753 | 2367.487 | 1.229 | 1.61 | 491.219 | 1 | 14.662 |
| 9/24/2018 3:50 | 1576200 | 12.866 | 17.664 | 29.325 | 2035.368 | 2367.049 | 1.229 | 1.61 | 491.312 | 1 | 14.66 |
| 9/24/2018 3:55 | 1576500 | 12.867 | 17.664 | 29.329 | 2035.279 | 2366.94 | 1.229 | 1.61 | 491.333 | 1 | 14.658 |
| 9/24/2018 4:00 | 1576800 | 12.869 | 17.663 | 29.333 | 2034.773 | 2366.366 | 1.228 | 1.609 | 491.455 | 1 | 14.656 |
| 9/24/2018 4:05 | 1577100 | 12.867 | 17.663 | 29.329 | 2034.581 | 2366.147 | 1.228 | 1.609 | 491.502 | 1 | 14.657 |
| 9/24/2018 4:10 | 1577400 | 12.866 | 17.664 | 29.326 | 2034.322 | 2365.837 | 1.228 | 1.609 | 491.564 | 1 | 14.657 |
| 9/24/2018 4:15 | 1577700 | 12.866 | 17.664 | 29.325 | 2033.305 | 2364.649 | 1.227 | 1.608 | 491.81 | 1 | 14.658 |
| 9/24/2018 4:20 | 1578000 | 12.866 | 17.663 | 29.325 | 2033.828 | 2365.28 | 1.228 | 1.608 | 491.684 | 1 | 14.658 |
| 9/24/2018 4:25 | 1578300 | 12.866 | 17.664 | 29.327 | 2033.045 | 2364.328 | 1.227 | 1.608 | 491.873 | 1 | 14.657 |
| 9/24/2018 4:30 | 1578600 | 12.867 | 17.663 | 29.328 | 2032.787 | 2364.075 | 1.227 | 1.608 | 491.935 | 1 | 14.657 |
| 9/24/2018 4:35 | 1578900 | 12.863 | 17.663 | 29.319 | 2032.827 | 2364.107 | 1.227 | 1.608 | 491.926 | 1 | 14.66 |
| 9/24/2018 4:40 | 1579200 | 12.861 | 17.663 | 29.314 | 2031.893 | 2363.036 | 1.226 | 1.607 | 492.152 | 1 | 14.663 |
| 9/24/2018 4:45 | 1579500 | 12.856 | 17.663 | 29.304 | 2031.417 | 2362.473 | 1.226 | 1.606 | 492.267 | 1 | 14.666 |
| 9/24/2018 4:50 | 1579800 | 12.857 | 17.663 | 29.305 | 2031.183 | 2362.219 | 1.226 | 1.606 | 492.324 | 1 | 14.665 |
| 9/24/2018 4:55 | 1580100 | 12.855 | 17.663 | 29.305 | 2030.809 | 2361.76 | 1.226 | 1.605 | 492.415 | 1 | 14.665 |
| 9/24/2018 5:00 | 1580400 | 12.858 | 17.663 | 29.308 | 2030.522 | 2361.427 | 1.225 | 1.606 | 492.484 | 1 | 14.664 |
| 9/24/2018 5:05 | 1580700 | 12.86 | 17.664 | 29.312 | 2030.032 | 2360.843 | 1.225 | 1.605 | 492.603 | 1 | 14.663 |
| 9/24/2018 5:10 | 1581000 | 12.861 | 17.663 | 29.314 | 2029.916 | 2360.731 | 1.225 | 1.605 | 492.631 | 1 | 14.661 |
| 9/24/2018 5:15 | 1581300 | 12.863 | 17.663 | 29.319 | 2028.871 | 2359.517 | 1.224 | 1.604 | 492.885 | 1 | 14.66 |
| 9/24/2018 5:20 | 1581600 | 12.861 | 17.663 | 29.315 | 2028.619 | 2359.214 | 1.224 | 1.604 | 492.946 | 1 | 14.661 |
| 9/24/2018 5:25 | 1581900 | 12.861 | 17.663 | 29.314 | 2028.431 | 2358.995 | 1.224 | 1.604 | 492.992 | 1 | 14.661 |
| 9/24/2018 5:30 | 1582200 | 12.86 | 17.663 | 29.313 | 2028.333 | 2358.882 | 1.224 | 1.604 | 493.016 | 1 | 14.662 |
| 9/24/2018 5:35 | 1582500 | 12.861 | 17.663 | 29.314 | 2027.863 | 2358.353 | 1.224 | 1.604 | 493.13 | 1 | 14.663 |
| 9/24/2018 5:40 | 1582800 | 12.859 | 17.663 | 29.309 | 2027.579 | 2358.01 | 1.224 | 1.604 | 493.199 | 1 | 14.664 |
| 9/24/2018 5:45 | 1583100 | 12.858 | 17.663 | 29.308 | 2027.325 | 2357.709 | 1.223 | 1.603 | 493.261 | 1 | 14.665 |
| 9/24/2018 5:50 | 1583400 | 12.86 | 17.663 | 29.311 | 2026.477 | 2356.741 | 1.223 | 1.603 | 493.467 | 1 | 14.663 |
| 9/24/2018 5:55 | 1583700 | 12.861 | 17.664 | 29.313 | 2026.704 | 2356.973 | 1.223 | 1.603 | 493.412 | 1 | 14.662 |
| 9/24/2018 6:00 | 1584000 | 12.862 | 17.663 | 29.316 | 2025.948 | 2356.113 | 1.223 | 1.602 | 493.596 | 1 | 14.66 |
| 9/24/2018 6:05 | 1584300 | 12.861 | 17.663 | 29.313 | 2025.507 | 2355.59 | 1.222 | 1.602 | 493.704 | 1 | 14.661 |
| 9/24/2018 6:10 | 1584600 | 12.862 | 17.663 | 29.316 | 2024.819 | 2354.799 | 1.222 | 1.601 | 493.871 | 1 | 14.661 |
| 9/24/2018 6:15 | 1584900 | 12.861 | 17.663 | 29.315 | 2025.224 | 2355.271 | 1.222 | 1.602 | 493.772 | 1 | 14.661 |
| 9/24/2018 6:20 | 1585200 | 12.861 | 17.663 | 29.313 | 2025.003 | 2355.013 | 1.222 | 1.601 | 493.826 | 1 | 14.662 |
| 9/24/2018 6:25 | 1585500 | 12.862 | 17.663 | 29.316 | 2024.731 | 2354.701 | 1.222 | 1.601 | 493.893 | 1 | 14.663 |
| 9/24/2018 6:30 | 1585800 | 12.86 | 17.663 | 29.311 | 2024.866 | 2354.319 | 1.222 | 1.601 | 493.977 | 1 | 14.663 |
| 9/24/2018 6:35 | 1586100 | 12.86 | 17.663 | 29.312 | 2024.081 | 2353.932 | 1.221 | 1.601 | 494.051 | 1 | 14.664 |
| 9/24/2018 6:40 | 1586400 | 12.859 | 17.663 | 29.309 | 2023.333 | 2353.076 | 1.221 | 1.6 | 494.234 | 1 | 14.665 |
| 9/24/2018 6:45 | 1586700 | 12.857 | 17.663 | 29.305 | 2023.151 | 2352.874 | 1.221 | 1.6 | 494.278 | 1 | 14.666 |
| 9/24/2018 6:50 | 1587000 | 12.858 | 17.663 | 29.307 | 2022.921 | 2352.601 | 1.221 | 1.6 | 494.335 | 1 | 14.666 |
| 9/24/2018 6:55 | 1587300 | 12.858 | 17.663 | 29.306 | 2023.03 | 2352.732 | 1.221 | 1.6 | 494.308 | 1 | 14.665 |
| 9/24/2018 7:00 | 1587600 | 12.859 | 17.663 | 29.309 | 2022.298 | 2351.877 | 1.22 | 1.599 | 494.487 | 1 | 14.665 |
| 9/24/2018 7:05 | 1587900 | 12.858 | 17.663 | 29.307 | 2022.001 | 2351.518 | 1.22 | 1.599 | 494.56 | 1 | 14.666 |
| 9/24/2018 7:10 | 1588200 | 12.859 | 17.663 | 29.309 | 2021.977 | 2351.49 | 1.22 | 1.599 | 494.565 | 1 | 14.667 |
| 9/24/2018 7:15 | 1588500 | 12.857 | 17.663 | 29.306 | 2021.69 | 2351.165 | 1.22 | 1.599 | 494.636 | 1 | 14.667 |
| 9/24/2018 7:20 | 1588800 | | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/24/2018 16:35 | 1622100 | 12.826 | 17.663 | 29.235 | 1955.63 | 2274.33 | 1.178 | 1.547 | 511.344 | 1 | 14.671 |
| 9/24/2018 16:40 | 1622400 | 12.827 | 17.663 | 29.237 | 1954.439 | 2272.941 | 1.177 | 1.546 | 511.656 | 1 | 14.669 |
| 9/24/2018 16:45 | 1622700 | 12.829 | 17.663 | 29.241 | 1953.923 | 2272.345 | 1.177 | 1.545 | 511.791 | 1 | 14.668 |
| 9/24/2018 16:50 | 1623000 | 12.829 | 17.663 | 29.242 | 1952.913 | 2271.166 | 1.176 | 1.544 | 512.056 | 1 | 14.667 |
| 9/24/2018 16:55 | 1623300 | 12.829 | 17.664 | 29.242 | 1952.365 | 2270.515 | 1.176 | 1.544 | 512.199 | 1 | 14.666 |
| 9/24/2018 17:00 | 1623600 | 12.832 | 17.663 | 29.247 | 1951.752 | 2269.825 | 1.176 | 1.543 | 512.366 | 1 | 14.665 |
| 9/24/2018 17:05 | 1623900 | 12.833 | 17.663 | 29.25 | 1951.161 | 2269.132 | 1.175 | 1.543 | 512.516 | 1 | 14.664 |
| 9/24/2018 17:10 | 1624200 | 12.833 | 17.663 | 29.251 | 1951.22 | 2269.197 | 1.175 | 1.543 | 512.5 | 1 | 14.663 |
| 9/24/2018 17:15 | 1624500 | 12.833 | 17.663 | 29.251 | 1949.842 | 2267.607 | 1.174 | 1.542 | 512.862 | 1 | 14.662 |
| 9/24/2018 17:20 | 1624800 | 12.83 | 17.663 | 29.244 | 1949.075 | 2267.404 | 1.174 | 1.542 | 512.906 | 1 | 14.664 |
| 9/24/2018 17:25 | 1625100 | 12.829 | 17.663 | 29.24 | 1948.693 | 2266.772 | 1.174 | 1.541 | 513.164 | 1 | 14.666 |
| 9/24/2018 17:30 | 1625400 | 12.826 | 17.663 | 29.234 | 1948.094 | 2265.574 | 1.173 | 1.541 | 513.322 | 1 | 14.668 |
| 9/24/2018 17:35 | 1625700 | 12.825 | 17.664 | 29.232 | 1948.191 | 2265.67 | 1.173 | 1.541 | 513.297 | 1 | 14.668 |
| 9/24/2018 17:40 | 1626000 | 12.826 | 17.663 | 29.233 | 1947.492 | 2264.87 | 1.173 | 1.54 | 513.481 | 1 | 14.667 |
| 9/24/2018 17:45 | 1626300 | 12.825 | 17.663 | 29.233 | 1946.956 | 2264.247 | 1.172 | 1.54 | 513.622 | 1 | 14.667 |
| 9/24/2018 17:50 | 1626600 | 12.824 | 17.663 | 29.231 | 1946.542 | 2263.761 | 1.172 | 1.539 | 513.732 | 1 | 14.667 |
| 9/24/2018 17:55 | 1626900 | 12.825 | 17.664 | 29.233 | 1946.479 | 2263.679 | 1.172 | 1.539 | 513.748 | 1 | 14.666 |
| 9/24/2018 18:00 | 1627200 | 12.825 | 17.664 | 29.233 | 1945.926 | 2263.036 | 1.172 | 1.539 | 513.894 | 1 | 14.666 |
| 9/24/2018 18:05 | 1627500 | 12.825 | 17.663 | 29.231 | 1945.449 | 2262.486 | 1.172 | 1.538 | 514.02 | 1 | 14.666 |
| 9/24/2018 18:10 | 1627800 | 12.825 | 17.663 | 29.233 | 1945.613 | 2262.686 | 1.172 | 1.539 | 513.977 | 1 | 14.667 |
| 9/24/2018 18:15 | 1628100 | 12.822 | 17.664 | 29.226 | 1944.982 | 2261.93 | 1.171 | 1.538 | 514.143 | 1 | 14.667 |
| 9/24/2018 18:20 | 1628400 | 12.821 | 17.663 | 29.223 | 1944.731 | 2261.686 | 1.171 | 1.538 | 514.21 | 1 | 14.667 |
| 9/24/2018 18:25 | 1628700 | 12.821 | 17.663 | 29.223 | 1943.719 | 2260.474 | 1.17 | 1.537 | 514.478 | 1 | 14.667 |
| 9/24/2018 18:30 | 1629000 | 12.819 | 17.664 | 29.219 | 1943.556 | 2260.28 | 1.17 | 1.537 | 514.521 | 1 | 14.668 |
| 9/24/2018 18:35 | 1629300 | 12.821 | 17.664 | 29.224 | 1943.107 | 2259.753 | 1.17 | 1.537 | 514.64 | 1 | 14.667 |
| 9/24/2018 18:40 | 1629600 | 12.822 | 17.664 | 29.225 | 1943.327 | 2260.005 | 1.17 | 1.537 | 514.581 | 1 | 14.666 |
| 9/24/2018 18:45 | 1629900 | 12.822 | 17.664 | 29.226 | 1942.396 | 2258.93 | 1.17 | 1.536 | 514.828 | 1 | 14.665 |
| 9/24/2018 18:50 | 1630200 | 12.819 | 17.663 | 29.219 | 1942.055 | 2258.542 | 1.169 | 1.536 | 514.919 | 1 | 14.666 |
| 9/24/2018 18:55 | 1630500 | 12.819 | 17.663 | 29.217 | 1941.989 | 2258.466 | 1.169 | 1.536 | 514.936 | 1 | 14.667 |
| 9/24/2018 19:00 | 1630800 | 12.817 | 17.664 | 29.214 | 1941.726 | 2258.138 | 1.169 | 1.536 | 515.006 | 1 | 14.668 |
| 9/24/2018 19:05 | 1631100 | 12.821 | 17.664 | 29.222 | 1941.705 | 2258.127 | 1.169 | 1.536 | 515.011 | 1 | 14.666 |
| 9/24/2018 19:10 | 1631400 | 12.821 | 17.663 | 29.224 | 1941.666 | 2258.095 | 1.169 | 1.536 | 515.022 | 1 | 14.665 |
| 9/24/2018 19:15 | 1631700 | 12.823 | 17.664 | 29.229 | 1941.415 | 2257.781 | 1.169 | 1.535 | 515.088 | 1 | 14.663 |
| 9/24/2018 19:20 | 1632000 | 12.823 | 17.663 | 29.229 | 1941.521 | 2257.944 | 1.169 | 1.535 | 515.06 | 1 | 14.662 |
| 9/24/2018 19:25 | 1632300 | 12.826 | 17.663 | 29.235 | 1941.119 | 2257.454 | 1.169 | 1.535 | 515.167 | 1 | 14.661 |
| 9/24/2018 19:30 | 1632600 | 12.827 | 17.664 | 29.236 | 1940.827 | 2257.106 | 1.169 | 1.535 | 515.244 | 1 | 14.66 |
| 9/24/2018 19:35 | 1632900 | 12.824 | 17.664 | 29.231 | 1940.688 | 2256.941 | 1.168 | 1.535 | 515.281 | 1 | 14.663 |
| 9/24/2018 19:40 | 1633200 | 12.823 | 17.663 | 29.228 | 1940.65 | 2256.905 | 1.168 | 1.535 | 515.291 | 1 | 14.665 |
| 9/24/2018 19:45 | 1633500 | 12.823 | 17.664 | 29.227 | 1939.811 | 2255.902 | 1.168 | 1.531 | 515.514 | 1 | 14.668 |
| 9/24/2018 19:50 | 1633800 | 12.823 | 17.664 | 29.228 | 1939.686 | 2255.779 | 1.168 | 1.534 | 515.547 | 1 | 14.669 |
| 9/24/2018 19:55 | 1634100 | 12.821 | 17.664 | 29.222 | 1939.743 | 2255.828 | 1.168 | 1.534 | 515.532 | 1 | 14.669 |
| 9/24/2018 20:00 | 1634400 | 12.82 | 17.663 | 29.221 | 1939.362 | 2255.407 | 1.168 | 1.534 | 515.633 | 1 | 14.67 |
| 9/24/2018 20:05 | 1634700 | 12.821 | 17.664 | 29.223 | 1939.245 | 2255.267 | 1.168 | 1.534 | 515.664 | 1 | 14.67 |
| 9/24/2018 20:10 | 1635000 | 12.821 | 17.664 | 29.223 | 1938.866 | 2254.817 | 1.167 | 1.533 | 515.765 | 1 | 14.671 |
| 9/24/2018 20:15 | 1635300 | 12.819 | 17.663 | 29.219 | 1939.194 | 2255.22 | 1.168 | 1.534 | 515.678 | 1 | 14.671 |
| 9/24/2018 20:20 | 1635600 | 12.821 | 17.664 | 29.223 | 1939.33 | 2255.365 | 1.168 | 1.534 | 515.642 | 1 | 14.671 |
| 9/24/2018 20:25 | 1635900 | 12.821 | 17.664 | 29.223 | 1939.167 | 2255.171 | 1.168 | 1.534 | 515.685 | 1 | 14.67 |
| 9/24/2018 20:30 | 1636200 | 12.821 | 17.663 | 29.224 | 1938.87 | 2254.843 | 1.167 | 1.533 | 515.764 | 1 | 14.67 |
| 9/24/2018 20:35 | 1636500 | 12.819 | 17.663 | 29.219 | 1938.554 | 2254.467 | 1.167 | 1.533 | 515.848 | 1 | 14.674 |
| 9/24/2018 20:40 | 1636800 | 12.817 | 17.663 | 29.214 | 1938.661 | 2254.595 | 1.167 | 1.533 | 515.82 | 1 | 14.677 |
| 9/24/2018 20:45 | 1637100 | 12.814 | 17.663 | 29.206 | 1937.871 | 2253.672 | 1.167 | 1.532 | 516.03 | 1 | 14.681 |
| 9/24/2018 20:50 | 1637400 | 12.818 | 17.663 | 29.216 | 1937.936 | 2253.749 | 1.167 | 1.533 | 516.013 | 1 | 14.679 |
| 9/24/2018 20:55 | 1637700 | 12.819 | 17.664 | 29.218 | 1938.245 | 2254.099 | 1.167 | 1.533 | 515.931 | 1 | 14.677 |
| 9/24/2018 21:00 | 1638000 | 12.819 | 17.664 | 29.219 | 1937.715 | 2253.478 | 1.167 | 1.532 | 516.072 | 1 | 14.675 |
| 9/24/2018 21:05 | 1638300 | 12.819 | 17.664 | 29.219 | 1937.43 | 2253.156 | 1.166 | 1.532 | 516.148 | 1 | 14.677 |
| 9/24/2018 21:10 | 1638600 | 12.818 | 17.664 | 29.217 | 1937.322 | 2253.03 | 1.166 | 1.532 | 516.176 | 1 | 14.679 |
| 9/24/2018 21:15 | 1638900 | 12.816 | 17.664 | 29.211 | 1937.82 | 2252.609 | 1.167 | 1.532 | 516.044 | 1 | 14.681 |
| 9/24/2018 21:20 | 1639200 | 12.817 | 17.664 | 29.214 | 1937.077 | 2252.26 | 1.166 | 1.532 | 516.242 | 1 | 14.681 |
| 9/24/2018 21:25 | 1639500 | 12.818 | 17.663 | 29.217 | 1936.922 | 2252.569 | 1.166 | 1.532 | 516.283 | 1 | 14.68 |
| 9/24/2018 21:30 | 1639800 | 12.819 | 17.663 | 29.219 | 1937.066 | 2252.737 | 1.166 | 1.532 | 516.245 | 1 | 14.68 |
| 9/24/2018 21:35 | 1640100 | 12.819 | 17.664 | 29.217 | 1936.718 | 2252.327 | 1.166 | 1.532 | 516.337 | 1 | 14.681 |
| 9/24/2018 21:40 | 1640400 | 12.819 | 17.664 | 29.218 | 1936.977 | 2252.62 | 1.166 | 1.532 | 516.268 | 1 | 14.682 |
| 9/24/2018 21:45 | 1640700 | 12.816 | 17.663 | 29.211 | 1936.852 | 2252.492 | 1.166 | 1.532 | 516.302 | 1 | 14.682 |
| 9/24/2018 21:50 | 1641000 | 12.816 | 17.664 | 29.213 | 1936.434 | 2251.993 | 1.166 | 1.531 | 516.413 | 1 | 14.682 |
| 9/24/2018 21:55 | 1641300 | 12.818 | 17.664 | 29.216 | 1936.408 | 2251.958 | 1.166 | 1.531 | 516.42 | 1 | 14.681 |
| 9/24/2018 22:00 | 1641600 | 12.818 | 17.664 | 29.216 | 1936.275 | 2251.79 | 1.166 | 1.531 | 516.456 | 1 | 14.68 |
| 9/24/2018 22:05 | 1641900 | 12.817 | 17.664 | 29.213 | 1936.244 | 2251.776 | 1.166 | 1.531 | 516.464 | 1 | 14.681 |
| 9/24/2018 22:10 | 1642200 | 12.816 | 17.663 | 29.212 | 1936.117 | 2251.646 | 1.166 | 1.531 | 516.498 | 1 | 14.683 |
| 9/24/2018 22:15 | 1642500 | 12.815 | 17.663 | 29.208 | 1935.968 | 2251.477 | 1.166 | 1.531 | 516.538 | 1 | 14.684 |
| 9/24/2018 22:20 | 1642800 | 12.813 | 17.663 | 29.206 | 1936.618 | 2252.219 | 1.166 | 1.532 | 516.364 | 1 | 14.686 |
| 9/24/2018 22:25 | 1643100 | 12.812 | 17.664 | 29.203 | 1936.45 | 2252.016 | 1.166 | 1.531 | 516.409 | 1 | 14.687 |
| 9/24/2018 22:30 | 1643400 | 12.813 | 17.663 | 29.205 | 1936.209 | 2251.749 | 1.166 | 1.531 | 516.473 | 1 | 14.689 |
| 9/24/2018 22:35 | 1643700 | 12.811 | 17.663 | 29.201 | 1935.753 | 2251.214 | 1.165 | 1.531 | 516.595 | 1 | 14.689 |
| 9/24/2018 22:40 | 1644000 | 12.811 | 17.663 | 29.199 | 1936.071 | 2251.593 | 1.166 | 1.531 | 516.51 | 1 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 12.811 | 17.663 | 29.199 | 1935.564 | 2250.99 | 1.165 | 1.531 | 516.645 | 1 | 14.689 |
| 9/24/2018 22:50 | 1644600 | 12.811 | 17.663 | 29.2 | 1935.423 | 2250.848 | 1.165 | 1.531 | 516.683 | 1 | 14.689 |
| 9/24/2018 22:55 | 1644900 | 12.811 | 17.663 | 29.201 | 1935.26 | 2250.714 | 1.165 | 1.531 | 516.709 | 1 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 12.812 | 17.664 | 29.202 | 1935.209 | 2250.562 | 1.165 | 1.53 | 516.74 | 1 | 14.689 |
| 9/24/2018 23:05 | 1645500 | 12.811 | 17.663 | 29.2 | 1935.475 | 2250.886 | 1.165 | 1.531 | 516.669 | 1 | 14.69 |
| 9/24/2018 23:10 | 1645800 | 12.808 | 17.664 | 29.194 | 1935.221 | 2250.582 | 1.165 | 1.53 | 516.737 | 1 | 14.69 |
| 9/24/2018 23:15 | 1646100 | 12.809 | 17.664 | 29.196 | 1935.483 | 2250.882 | 1.165 | 1.531 | 516.667 | 1 | 14.691 |
| 9/24/2018 23:20 | 1646400 | 12.809 | 17.663 | 29.197 | 1935.407 | 2250.812 | 1.165 | 1.531 | 516.687 | 1 | 14.691 |
| 9/24/2018 23:25 | 1646700 | 12.81 | 17.663 | 29.198 | 1935.272 | 2250.65 | 1.165 | 1.53 | 516.723 | 1 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 12.81 | 17.664 | 29.198 | 1934.419 | 2249.654 | 1.165 | 1.53 | 516.951 | 1 | 14.691 |
| 9/24/2018 23:35 | 1647300 | 12.812 | 17.663 | 29.203 | 1934.756 | 2249.054 | 1.165 | 1.53 | 516.861 | 1 | 14.688 |
| 9/24/2018 23:40 | 1647600 | 12.815 | 17.663 | 29.21 | 1934.67 | 2249.9 | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/25/2018 9:00 | 1681200 | 12.801 | 17.663 | 29.178 | 1974.363 | 2296.112 | 1.19 | 1.561 | 506.492 | 1 | 14.705 |
| 9/25/2018 9:05 | 1681500 | 12.803 | 17.664 | 29.182 | 1974.41 | 2296.157 | 1.19 | 1.561 | 506.48 | 1 | 14.703 |
| 9/25/2018 9:10 | 1681800 | 12.806 | 17.664 | 29.188 | 1973.542 | 2295.152 | 1.189 | 1.561 | 506.703 | 1 | 14.702 |
| 9/25/2018 9:15 | 1682100 | 12.807 | 17.663 | 29.191 | 1973.438 | 2295.055 | 1.189 | 1.561 | 506.73 | 1 | 14.701 |
| 9/25/2018 9:20 | 1682400 | 12.805 | 17.663 | 29.186 | 1972.938 | 2294.467 | 1.189 | 1.56 | 506.858 | 1 | 14.703 |
| 9/25/2018 9:25 | 1682700 | 12.801 | 17.664 | 29.178 | 1972.709 | 2294.18 | 1.189 | 1.56 | 506.917 | 1 | 14.705 |
| 9/25/2018 9:30 | 1683000 | 12.799 | 17.663 | 29.173 | 1972.463 | 2293.907 | 1.189 | 1.56 | 506.98 | 1 | 14.707 |
| 9/25/2018 9:35 | 1683300 | 12.802 | 17.663 | 29.18 | 1971.985 | 2293.351 | 1.188 | 1.559 | 507.103 | 1 | 14.707 |
| 9/25/2018 9:40 | 1683600 | 12.802 | 17.663 | 29.181 | 1971.293 | 2292.541 | 1.188 | 1.559 | 507.281 | 1 | 14.708 |
| 9/25/2018 9:45 | 1683900 | 12.801 | 17.663 | 29.178 | 1971.135 | 2292.375 | 1.188 | 1.559 | 507.322 | 1 | 14.709 |
| 9/25/2018 9:50 | 1684200 | 12.801 | 17.663 | 29.178 | 1971.13 | 2292.365 | 1.188 | 1.559 | 507.323 | 1 | 14.709 |
| 9/25/2018 9:55 | 1684500 | 12.802 | 17.663 | 29.18 | 1970.236 | 2291.316 | 1.187 | 1.558 | 507.553 | 1 | 14.71 |
| 9/25/2018 10:00 | 1684800 | 12.801 | 17.663 | 29.178 | 1969.957 | 2291 | 1.187 | 1.558 | 507.625 | 1 | 14.711 |
| 9/25/2018 10:05 | 1685100 | 12.799 | 17.663 | 29.172 | 1969.037 | 2289.94 | 1.186 | 1.557 | 507.862 | 1 | 14.713 |
| 9/25/2018 10:10 | 1685400 | 12.794 | 17.663 | 29.162 | 1968.879 | 2289.752 | 1.186 | 1.557 | 507.903 | 1 | 14.716 |
| 9/25/2018 10:15 | 1685700 | 12.792 | 17.663 | 29.157 | 1968.251 | 2289.017 | 1.186 | 1.557 | 508.065 | 1 | 14.718 |
| 9/25/2018 10:20 | 1686000 | 12.794 | 17.663 | 29.161 | 1968.109 | 2288.843 | 1.186 | 1.556 | 508.102 | 1 | 14.716 |
| 9/25/2018 10:25 | 1686300 | 12.797 | 17.663 | 29.168 | 1967.686 | 2288.351 | 1.186 | 1.556 | 508.211 | 1 | 14.714 |
| 9/25/2018 10:30 | 1686600 | 12.8 | 17.663 | 29.176 | 1967.591 | 2288.241 | 1.186 | 1.556 | 508.236 | 1 | 14.712 |
| 9/25/2018 10:35 | 1686900 | 12.804 | 17.663 | 29.185 | 1967.098 | 2287.676 | 1.185 | 1.556 | 508.363 | 1 | 14.711 |
| 9/25/2018 10:40 | 1687200 | 12.806 | 17.663 | 29.189 | 1967.162 | 2287.756 | 1.185 | 1.556 | 508.346 | 1 | 14.71 |
| 9/25/2018 10:45 | 1687500 | 12.806 | 17.663 | 29.19 | 1966.661 | 2287.164 | 1.185 | 1.555 | 508.476 | 1 | 14.71 |
| 9/25/2018 10:50 | 1687800 | 12.803 | 17.664 | 29.181 | 1966.939 | 2287.469 | 1.185 | 1.555 | 508.404 | 1 | 14.713 |
| 9/25/2018 10:55 | 1688100 | 12.799 | 17.663 | 29.173 | 1966.325 | 2286.764 | 1.185 | 1.555 | 508.563 | 1 | 14.716 |
| 9/25/2018 11:00 | 1688400 | 12.796 | 17.663 | 29.166 | 1966.187 | 2286.612 | 1.185 | 1.555 | 508.599 | 1 | 14.72 |
| 9/25/2018 11:05 | 1688700 | 12.795 | 17.663 | 29.165 | 1965.385 | 2285.68 | 1.184 | 1.554 | 508.806 | 1 | 14.718 |
| 9/25/2018 11:10 | 1689000 | 12.8 | 17.663 | 29.175 | 1965.679 | 2286.012 | 1.184 | 1.554 | 508.73 | 1 | 14.716 |
| 9/25/2018 11:15 | 1689300 | 12.8 | 17.664 | 29.176 | 1965.026 | 2285.239 | 1.184 | 1.554 | 508.899 | 1 | 14.715 |
| 9/25/2018 11:20 | 1689600 | 12.801 | 17.664 | 29.178 | 1964.891 | 2285.092 | 1.184 | 1.554 | 508.934 | 1 | 14.716 |
| 9/25/2018 11:25 | 1689900 | 12.8 | 17.664 | 29.175 | 1964.449 | 2284.577 | 1.184 | 1.554 | 509.049 | 1 | 14.718 |
| 9/25/2018 11:30 | 1690200 | 12.798 | 17.663 | 29.17 | 1964.323 | 2284.436 | 1.183 | 1.553 | 509.081 | 1 | 14.719 |
| 9/25/2018 11:35 | 1690500 | 12.798 | 17.664 | 29.172 | 1963.455 | 2283.421 | 1.183 | 1.553 | 509.306 | 1 | 14.718 |
| 9/25/2018 11:40 | 1690800 | 12.8 | 17.663 | 29.174 | 1963.899 | 2283.943 | 1.183 | 1.553 | 509.191 | 1 | 14.717 |
| 9/25/2018 11:45 | 1691100 | 12.799 | 17.664 | 29.173 | 1963.341 | 2283.262 | 1.183 | 1.553 | 509.336 | 1 | 14.716 |
| 9/25/2018 11:50 | 1691400 | 12.798 | 17.663 | 29.171 | 1962.653 | 2282.506 | 1.182 | 1.552 | 509.514 | 1 | 14.717 |
| 9/25/2018 11:55 | 1691700 | 12.797 | 17.663 | 29.169 | 1962.37 | 2282.174 | 1.182 | 1.552 | 509.588 | 1 | 14.719 |
| 9/25/2018 12:00 | 1692000 | 12.796 | 17.663 | 29.166 | 1962.552 | 2282.38 | 1.182 | 1.552 | 509.541 | 1 | 14.72 |
| 9/25/2018 12:05 | 1692300 | 12.794 | 17.663 | 29.162 | 1962.098 | 2281.883 | 1.182 | 1.552 | 509.659 | 1 | 14.72 |
| 9/25/2018 12:10 | 1692600 | 12.794 | 17.663 | 29.163 | 1962.076 | 2281.822 | 1.182 | 1.552 | 509.664 | 1 | 14.72 |
| 9/25/2018 12:15 | 1692900 | 12.795 | 17.664 | 29.164 | 1961.172 | 2280.767 | 1.181 | 1.551 | 509.899 | 1 | 14.719 |
| 9/25/2018 12:20 | 1693200 | 12.795 | 17.664 | 29.164 | 1961.105 | 2280.685 | 1.181 | 1.551 | 509.916 | 1 | 14.719 |
| 9/25/2018 12:25 | 1693500 | 12.795 | 17.663 | 29.164 | 1960.938 | 2280.503 | 1.181 | 1.551 | 509.96 | 1 | 14.718 |
| 9/25/2018 12:30 | 1693800 | 12.796 | 17.663 | 29.166 | 1960.572 | 2280.077 | 1.181 | 1.55 | 510.055 | 1 | 14.718 |
| 9/25/2018 12:35 | 1694100 | 12.794 | 17.664 | 29.162 | 1960.471 | 2279.946 | 1.181 | 1.55 | 510.082 | 1 | 14.72 |
| 9/25/2018 12:40 | 1694400 | 12.792 | 17.664 | 29.156 | 1959.869 | 2279.247 | 1.181 | 1.55 | 510.238 | 1 | 14.722 |
| 9/25/2018 12:45 | 1694700 | 12.79 | 17.663 | 29.152 | 1959.901 | 2279.297 | 1.181 | 1.55 | 510.23 | 1 | 14.724 |
| 9/25/2018 12:50 | 1695000 | 12.795 | 17.663 | 29.163 | 1959.518 | 2278.856 | 1.18 | 1.55 | 510.33 | 1 | 14.722 |
| 9/25/2018 12:55 | 1695300 | 12.793 | 17.663 | 29.158 | 1958.895 | 2278.127 | 1.18 | 1.549 | 510.492 | 1 | 14.72 |
| 9/25/2018 13:00 | 1695600 | 12.793 | 17.663 | 29.16 | 1958.963 | 2278.211 | 1.18 | 1.549 | 510.474 | 1 | 14.718 |
| 9/25/2018 13:05 | 1695900 | 12.796 | 17.663 | 29.166 | 1958.818 | 2278.051 | 1.18 | 1.549 | 510.512 | 1 | 14.716 |
| 9/25/2018 13:10 | 1696200 | 12.798 | 17.663 | 29.17 | 1958.29 | 2277.428 | 1.18 | 1.549 | 510.65 | 1 | 14.715 |
| 9/25/2018 13:15 | 1696500 | 12.8 | 17.663 | 29.175 | 1958.003 | 2277.099 | 1.179 | 1.548 | 510.724 | 1 | 14.713 |
| 9/25/2018 13:20 | 1696800 | 12.795 | 17.663 | 29.164 | 1958.035 | 2277.127 | 1.179 | 1.548 | 510.716 | 1 | 14.716 |
| 9/25/2018 13:25 | 1697100 | 12.793 | 17.664 | 29.159 | 1957.415 | 2276.397 | 1.179 | 1.548 | 510.878 | 1 | 14.718 |
| 9/25/2018 13:30 | 1697400 | 12.789 | 17.663 | 29.151 | 1957.035 | 2275.969 | 1.179 | 1.548 | 510.977 | 1 | 14.721 |
| 9/25/2018 13:35 | 1697700 | 12.79 | 17.664 | 29.153 | 1957.206 | 2276.145 | 1.179 | 1.548 | 510.933 | 1 | 14.72 |
| 9/25/2018 13:40 | 1698000 | 12.785 | 17.663 | 29.142 | 1956.75 | 2275.642 | 1.179 | 1.547 | 511.051 | 1 | 14.72 |
| 9/25/2018 13:45 | 1698300 | 12.792 | 17.663 | 29.156 | 1956.834 | 2275.748 | 1.179 | 1.547 | 511.029 | 1 | 14.72 |
| 9/25/2018 13:50 | 1698600 | 12.791 | 17.664 | 29.155 | 1956.615 | 2275.467 | 1.179 | 1.547 | 511.087 | 1 | 14.719 |
| 9/25/2018 13:55 | 1698900 | 12.793 | 17.663 | 29.159 | 1956.456 | 2275.296 | 1.178 | 1.547 | 511.128 | 1 | 14.717 |
| 9/25/2018 14:00 | 1699200 | 12.792 | 17.663 | 29.157 | 1955.717 | 2274.431 | 1.178 | 1.547 | 511.322 | 1 | 14.716 |
| 9/25/2018 14:05 | 1699500 | 12.794 | 17.663 | 29.163 | 1955.513 | 2274.194 | 1.178 | 1.546 | 511.375 | 1 | 14.713 |
| 9/25/2018 14:10 | 1699800 | 12.796 | 17.664 | 29.166 | 1955.757 | 2274.469 | 1.178 | 1.547 | 511.311 | 1 | 14.711 |
| 9/25/2018 14:15 | 1700100 | 12.797 | 17.663 | 29.169 | 1955.332 | 2273.983 | 1.178 | 1.546 | 511.422 | 1 | 14.708 |
| 9/25/2018 14:20 | 1700400 | 12.796 | 17.663 | 29.166 | 1955.159 | 2273.791 | 1.178 | 1.546 | 511.467 | 1 | 14.71 |
| 9/25/2018 14:25 | 1700700 | 12.793 | 17.663 | 29.16 | 1954.571 | 2273.098 | 1.177 | 1.546 | 511.621 | 1 | 14.713 |
| 9/25/2018 14:30 | 1701000 | 12.793 | 17.663 | 29.151 | 1954.375 | 2272.893 | 1.177 | 1.546 | 511.672 | 1 | 14.715 |
| 9/25/2018 14:35 | 1701300 | 12.789 | 17.663 | 29.15 | 1954.428 | 2272.927 | 1.177 | 1.546 | 511.659 | 1 | 14.713 |
| 9/25/2018 14:40 | 1701600 | 12.789 | 17.664 | 29.151 | 1954.573 | 2273.091 | 1.177 | 1.546 | 511.621 | 1 | 14.711 |
| 9/25/2018 14:45 | 1701900 | 12.791 | 17.663 | 29.155 | 1954.039 | 2272.479 | 1.177 | 1.545 | 511.761 | 1 | 14.709 |
| 9/25/2018 14:50 | 1702200 | 12.793 | 17.664 | 29.158 | 1954.147 | 2272.597 | 1.177 | 1.545 | 511.732 | 1 | 14.709 |
| 9/25/2018 14:55 | 1702500 | 12.792 | 17.663 | 29.158 | 1954.053 | 2272.501 | 1.177 | 1.545 | 511.757 | 1 | 14.708 |
| 9/25/2018 15:00 | 1702800 | 12.793 | 17.663 | 29.16 | 1953.927 | 2272.354 | 1.177 | 1.545 | 511.79 | 1 | 14.707 |
| 9/25/2018 15:05 | 1703100 | 12.792 | 17.663 | 29.158 | 1953.5 | 2271.866 | 1.177 | 1.545 | 511.902 | 1 | 14.707 |
| 9/25/2018 15:10 | 1703400 | 12.793 | 17.663 | 29.159 | 1953.163 | 2271.461 | 1.176 | 1.545 | 511.99 | 1 | 14.707 |
| 9/25/2018 15:15 | 1703700 | 12.792 | 17.663 | 29.158 | 1953.284 | 2271.606 | 1.176 | 1.545 | 511.958 | 1 | 14.707 |
| 9/25/2018 15:20 | 1704000 | 12.789 | 17.663 | 29.151 | 1952.903 | 2271.159 | 1.176 | 1.545 | 512.058 | 1 | 14.707 |
| 9/25/2018 15:25 | 1704300 | 12.791 | 17.663 | 29.154 | 1952.667 | 2270.888 | 1.176 | 1.544 | 512.12 | 1 | 14.707 |
| 9/25/2018 15:30 | 1704600 | 12.791 | 17.663 | 29.154 | 1953.005 | 2271.303 | 1.176 | 1.544 | 512.032 | 1 | 14.708 |
| 9/25/2018 15:35 | 1704900 | 12.79 | 17.664 | 29.152 | 1952.659 | 2270.862 | 1.176 | 1.544 | 512.122 | 1 | 14.707 |
| 9/25/2018 15:40 | 1705200 | 12.788 | 17.663 | 29.148 | 1952.66 | 2270.893 | 1.176 | 1.544 | 512.122 | 1 | 14.707 |
| 9/25/2018 15:45 | 1705500 | 12.788 | 17.664 | 29.149 | 1952.004 | 2270.1 | 1.176 | 1.544 | 512.294 | 1 | 14.707 |
| 9/25/2018 15:50 | 1705800 | 12.788 | 17.663 | 29.148 | 1951.969 | 2270.086 | 1.176 | 1.544 | 512.303 | 1 | 14.707 |
| 9/25/2018 15:55 | 1706100 | 12.789 | 17.663 | 29.15 | 1952.202 | 2270.339 | 1.176 | 1.544 | 512.242 | 1 | 14.707 |
| 9/25/2018 16:00 | 1706400 | 12.788 | 17.663 | 29.148 | 1952.188 | 2270.341 | 1.176 | 1.544 | 512.246 | 1 | 14.708 |
| 9/25/2018 16:05 | 1706700 | 12.787 | 17.663 | 29.147 | 1951.608 | 2269.653 | 1.175 | 1.543 | | | |

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|----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/26/2018 1:25 | 1740300 | 12.782 | 17.664 | 29.134 | 1977.329 | 2299.548 | 1.192 | 1.564 | 505.733 | 1 | 14.719 |
| 9/26/2018 1:30 | 1740600 | 12.781 | 17.664 | 29.132 | 1977.621 | 2299.879 | 1.192 | 1.564 | 505.658 | 1 | 14.721 |
| 9/26/2018 1:35 | 1740900 | 12.781 | 17.664 | 29.132 | 1977.948 | 2300.245 | 1.192 | 1.564 | 505.574 | 1 | 14.72 |
| 9/26/2018 1:40 | 1741200 | 12.783 | 17.664 | 29.135 | 1978.376 | 2300.748 | 1.192 | 1.565 | 505.465 | 1 | 14.72 |
| 9/26/2018 1:45 | 1741500 | 12.784 | 17.664 | 29.138 | 1978.655 | 2301.058 | 1.193 | 1.565 | 505.394 | 1 | 14.719 |
| 9/26/2018 1:50 | 1741800 | 12.784 | 17.664 | 29.139 | 1979.45 | 2301.988 | 1.193 | 1.565 | 505.191 | 1 | 14.719 |
| 9/26/2018 1:55 | 1742100 | 12.784 | 17.664 | 29.139 | 1979.594 | 2302.15 | 1.193 | 1.565 | 505.154 | 1 | 14.719 |
| 9/26/2018 2:00 | 1742400 | 12.785 | 17.664 | 29.141 | 1980.123 | 2302.792 | 1.193 | 1.566 | 505.019 | 1 | 14.719 |
| 9/26/2018 2:05 | 1742700 | 12.784 | 17.664 | 29.138 | 1980.13 | 2302.779 | 1.193 | 1.566 | 505.017 | 1 | 14.72 |
| 9/26/2018 2:10 | 1743000 | 12.782 | 17.664 | 29.135 | 1980.663 | 2303.438 | 1.194 | 1.566 | 504.881 | 1 | 14.721 |
| 9/26/2018 2:15 | 1743300 | 12.781 | 17.664 | 29.132 | 1980.375 | 2303.081 | 1.194 | 1.566 | 504.955 | 1 | 14.722 |
| 9/26/2018 2:20 | 1743600 | 12.783 | 17.664 | 29.137 | 1980.939 | 2303.723 | 1.194 | 1.567 | 504.811 | 1 | 14.721 |
| 9/26/2018 2:25 | 1743900 | 12.783 | 17.664 | 29.137 | 1980.747 | 2303.499 | 1.194 | 1.566 | 504.86 | 1 | 14.72 |
| 9/26/2018 2:30 | 1744200 | 12.785 | 17.664 | 29.141 | 1981.441 | 2304.315 | 1.194 | 1.567 | 504.683 | 1 | 14.719 |
| 9/26/2018 2:35 | 1744500 | 12.785 | 17.664 | 29.141 | 1982.013 | 2304.972 | 1.195 | 1.567 | 504.538 | 1 | 14.719 |
| 9/26/2018 2:40 | 1744800 | 12.786 | 17.664 | 29.142 | 1982.362 | 2305.378 | 1.195 | 1.568 | 504.449 | 1 | 14.72 |
| 9/26/2018 2:45 | 1745100 | 12.783 | 17.664 | 29.136 | 1982.034 | 2305.005 | 1.195 | 1.567 | 504.532 | 1 | 14.72 |
| 9/26/2018 2:50 | 1745400 | 12.783 | 17.664 | 29.136 | 1982.24 | 2305.232 | 1.195 | 1.568 | 504.48 | 1 | 14.72 |
| 9/26/2018 2:55 | 1745700 | 12.784 | 17.664 | 29.138 | 1982.526 | 2305.555 | 1.195 | 1.568 | 504.407 | 1 | 14.72 |
| 9/26/2018 3:00 | 1746000 | 12.784 | 17.664 | 29.138 | 1982.553 | 2305.596 | 1.195 | 1.568 | 504.4 | 1 | 14.72 |
| 9/26/2018 3:05 | 1746300 | 12.785 | 17.664 | 29.141 | 1982.799 | 2305.878 | 1.195 | 1.568 | 504.337 | 1 | 14.718 |
| 9/26/2018 3:10 | 1746600 | 12.785 | 17.664 | 29.142 | 1982.969 | 2306.075 | 1.195 | 1.568 | 504.294 | 1 | 14.716 |
| 9/26/2018 3:15 | 1746900 | 12.788 | 17.664 | 29.148 | 1983.055 | 2306.202 | 1.195 | 1.568 | 504.273 | 1 | 14.713 |
| 9/26/2018 3:20 | 1747200 | 12.786 | 17.664 | 29.142 | 1983.034 | 2306.165 | 1.195 | 1.568 | 504.278 | 1 | 14.715 |
| 9/26/2018 3:25 | 1747500 | 12.783 | 17.664 | 29.137 | 1982.974 | 2306.081 | 1.195 | 1.568 | 504.293 | 1 | 14.717 |
| 9/26/2018 3:30 | 1747800 | 12.78 | 17.664 | 29.137 | 1983.362 | 2306.555 | 1.196 | 1.568 | 504.194 | 1 | 14.719 |
| 9/26/2018 3:35 | 1748100 | 12.781 | 17.664 | 29.131 | 1983.058 | 2306.215 | 1.195 | 1.568 | 504.272 | 1 | 14.718 |
| 9/26/2018 3:40 | 1748400 | 12.781 | 17.664 | 29.131 | 1982.877 | 2305.986 | 1.195 | 1.568 | 504.318 | 1 | 14.717 |
| 9/26/2018 3:45 | 1748700 | 12.782 | 17.664 | 29.135 | 1982.91 | 2306.034 | 1.195 | 1.568 | 504.309 | 1 | 14.717 |
| 9/26/2018 3:50 | 1749000 | 12.784 | 17.664 | 29.139 | 1983.3 | 2306.092 | 1.196 | 1.568 | 504.21 | 1 | 14.715 |
| 9/26/2018 3:55 | 1749300 | 12.785 | 17.664 | 29.14 | 1982.955 | 2306.099 | 1.195 | 1.568 | 504.298 | 1 | 14.713 |
| 9/26/2018 4:00 | 1749600 | 12.785 | 17.664 | 29.141 | 1982.98 | 2306.102 | 1.195 | 1.568 | 504.291 | 1 | 14.712 |
| 9/26/2018 4:05 | 1749900 | 12.786 | 17.664 | 29.143 | 1982.892 | 2306.026 | 1.195 | 1.568 | 504.314 | 1 | 14.711 |
| 9/26/2018 4:10 | 1750200 | 12.788 | 17.664 | 29.147 | 1982.934 | 2306.07 | 1.195 | 1.568 | 504.303 | 1 | 14.71 |
| 9/26/2018 4:15 | 1750500 | 12.79 | 17.664 | 29.152 | 1983.142 | 2306.317 | 1.195 | 1.568 | 504.25 | 1 | 14.709 |
| 9/26/2018 4:20 | 1750800 | 12.788 | 17.664 | 29.149 | 1982.921 | 2306.056 | 1.195 | 1.568 | 504.306 | 1 | 14.71 |
| 9/26/2018 4:25 | 1751100 | 12.789 | 17.663 | 29.149 | 1982.853 | 2305.985 | 1.195 | 1.568 | 504.324 | 1 | 14.711 |
| 9/26/2018 4:30 | 1751400 | 12.786 | 17.663 | 29.144 | 1983.168 | 2306.355 | 1.195 | 1.568 | 504.244 | 1 | 14.712 |
| 9/26/2018 4:35 | 1751700 | 12.787 | 17.664 | 29.144 | 1982.957 | 2306.101 | 1.195 | 1.568 | 504.297 | 1 | 14.712 |
| 9/26/2018 4:40 | 1752000 | 12.787 | 17.664 | 29.146 | 1983.166 | 2306.355 | 1.195 | 1.568 | 504.244 | 1 | 14.712 |
| 9/26/2018 4:45 | 1752300 | 12.786 | 17.664 | 29.144 | 1982.815 | 2305.928 | 1.195 | 1.568 | 504.333 | 1 | 14.713 |
| 9/26/2018 4:50 | 1752600 | 12.785 | 17.664 | 29.141 | 1982.478 | 2305.535 | 1.195 | 1.568 | 504.419 | 1 | 14.714 |
| 9/26/2018 4:55 | 1752900 | 12.785 | 17.664 | 29.14 | 1982.655 | 2305.738 | 1.195 | 1.568 | 504.374 | 1 | 14.715 |
| 9/26/2018 5:00 | 1753200 | 12.785 | 17.663 | 29.14 | 1982.712 | 2305.826 | 1.195 | 1.568 | 504.36 | 1 | 14.717 |
| 9/26/2018 5:05 | 1753500 | 12.785 | 17.664 | 29.141 | 1982.787 | 2305.903 | 1.195 | 1.568 | 504.341 | 1 | 14.716 |
| 9/26/2018 5:10 | 1753800 | 12.784 | 17.663 | 29.139 | 1983.101 | 2306.273 | 1.195 | 1.568 | 504.261 | 1 | 14.716 |
| 9/26/2018 5:15 | 1754100 | 12.785 | 17.664 | 29.142 | 1983.082 | 2306.247 | 1.195 | 1.568 | 504.266 | 1 | 14.715 |
| 9/26/2018 5:20 | 1754400 | 12.787 | 17.663 | 29.145 | 1982.731 | 2305.857 | 1.195 | 1.568 | 504.355 | 1 | 14.716 |
| 9/26/2018 5:25 | 1754700 | 12.786 | 17.663 | 29.143 | 1982.569 | 2305.659 | 1.195 | 1.568 | 504.396 | 1 | 14.717 |
| 9/26/2018 5:30 | 1755000 | 12.783 | 17.663 | 29.136 | 1982.304 | 2305.374 | 1.195 | 1.568 | 504.463 | 1 | 14.717 |
| 9/26/2018 5:35 | 1755300 | 12.785 | 17.664 | 29.142 | 1982.888 | 2306.017 | 1.195 | 1.568 | 504.315 | 1 | 14.717 |
| 9/26/2018 5:40 | 1755600 | 12.787 | 17.664 | 29.145 | 1982.418 | 2305.457 | 1.195 | 1.568 | 504.434 | 1 | 14.718 |
| 9/26/2018 5:45 | 1755900 | 12.786 | 17.663 | 29.144 | 1982.757 | 2305.878 | 1.195 | 1.568 | 504.348 | 1 | 14.718 |
| 9/26/2018 5:50 | 1756200 | 12.785 | 17.663 | 29.141 | 1982.234 | 2305.275 | 1.195 | 1.568 | 504.481 | 1 | 14.719 |
| 9/26/2018 5:55 | 1756500 | 12.785 | 17.664 | 29.141 | 1982.295 | 2305.327 | 1.195 | 1.568 | 504.466 | 1 | 14.718 |
| 9/26/2018 6:00 | 1756800 | 12.785 | 17.664 | 29.14 | 1982.606 | 2305.693 | 1.195 | 1.568 | 504.387 | 1 | 14.72 |
| 9/26/2018 6:05 | 1757100 | 12.786 | 17.663 | 29.143 | 1982.437 | 2305.514 | 1.195 | 1.568 | 504.43 | 1 | 14.72 |
| 9/26/2018 6:10 | 1757400 | 12.786 | 17.663 | 29.142 | 1982.366 | 2305.406 | 1.195 | 1.568 | 504.455 | 1 | 14.721 |
| 9/26/2018 6:15 | 1757700 | 12.786 | 17.663 | 29.143 | 1981.91 | 2304.888 | 1.195 | 1.567 | 504.564 | 1 | 14.721 |
| 9/26/2018 6:20 | 1758000 | 12.787 | 17.664 | 29.145 | 1982.279 | 2305.3 | 1.195 | 1.568 | 504.47 | 1 | 14.721 |
| 9/26/2018 6:25 | 1758300 | 12.786 | 17.664 | 29.142 | 1982.2 | 2305.221 | 1.195 | 1.568 | 504.49 | 1 | 14.721 |
| 9/26/2018 6:30 | 1758600 | 12.786 | 17.663 | 29.142 | 1982.335 | 2305.392 | 1.195 | 1.568 | 504.456 | 1 | 14.72 |
| 9/26/2018 6:35 | 1758900 | 12.782 | 17.663 | 29.134 | 1981.251 | 2304.127 | 1.194 | 1.567 | 504.732 | 1 | 14.723 |
| 9/26/2018 6:40 | 1759200 | 12.783 | 17.663 | 29.135 | 1981.531 | 2304.47 | 1.194 | 1.567 | 504.66 | 1 | 14.725 |
| 9/26/2018 6:45 | 1759500 | 12.775 | 17.663 | 29.118 | 1981.552 | 2304.481 | 1.194 | 1.567 | 504.655 | 1 | 14.727 |
| 9/26/2018 6:50 | 1759800 | 12.782 | 17.663 | 29.134 | 1981.401 | 2304.296 | 1.194 | 1.567 | 504.693 | 1 | 14.726 |
| 9/26/2018 6:55 | 1760100 | 12.782 | 17.663 | 29.134 | 1981.134 | 2304.008 | 1.194 | 1.567 | 504.761 | 1 | 14.725 |
| 9/26/2018 7:00 | 1760400 | 12.783 | 17.663 | 29.137 | 1981.289 | 2304.18 | 1.194 | 1.567 | 504.722 | 1 | 14.725 |
| 9/26/2018 7:05 | 1760700 | 12.783 | 17.663 | 29.137 | 1981.069 | 2303.937 | 1.194 | 1.567 | 504.778 | 1 | 14.725 |
| 9/26/2018 7:10 | 1761000 | 12.783 | 17.663 | 29.137 | 1981.19 | 2304.052 | 1.194 | 1.567 | 504.747 | 1 | 14.726 |
| 9/26/2018 7:15 | 1761300 | 12.784 | 17.664 | 29.139 | 1981.149 | 2303.994 | 1.194 | 1.567 | 504.758 | 1 | 14.726 |
| 9/26/2018 7:20 | 1761600 | 12.782 | 17.664 | 29.135 | 1981.225 | 2304.083 | 1.194 | 1.567 | 504.738 | 1 | 14.728 |
| 9/26/2018 7:25 | 1761900 | 12.782 | 17.663 | 29.135 | 1980.839 | 2303.656 | 1.194 | 1.566 | 504.837 | 1 | 14.723 |
| 9/26/2018 7:30 | 1762200 | 12.78 | 17.663 | 29.13 | 1980.628 | 2303.402 | 1.194 | 1.566 | 504.829 | 1 | 14.732 |
| 9/26/2018 7:35 | 1762500 | 12.781 | 17.664 | 29.132 | 1980.869 | 2303.673 | 1.194 | 1.566 | 504.899 | 1 | 14.732 |
| 9/26/2018 7:40 | 1762800 | 12.78 | 17.663 | 29.129 | 1980.576 | 2303.35 | 1.194 | 1.566 | 504.904 | 1 | 14.733 |
| 9/26/2018 7:45 | 1763100 | 12.779 | 17.664 | 29.127 | 1980.811 | 2303.605 | 1.194 | 1.566 | 504.844 | 1 | 14.734 |
| 9/26/2018 7:50 | 1763400 | 12.78 | 17.663 | 29.129 | 1980.267 | 2302.978 | 1.194 | 1.566 | 504.982 | 1 | 14.734 |
| 9/26/2018 7:55 | 1763700 | 12.78 | 17.663 | 29.13 | 1980.682 | 2303.465 | 1.194 | 1.566 | 504.876 | 1 | 14.734 |
| 9/26/2018 8:00 | 1764000 | 12.78 | 17.664 | 29.13 | 1980.121 | 2302.804 | 1.193 | 1.566 | 505.02 | 1 | 14.734 |
| 9/26/2018 8:05 | 1764300 | 12.78 | 17.663 | 29.13 | 1980.116 | 2302.815 | 1.194 | 1.566 | 505.021 | 1 | 14.735 |
| 9/26/2018 8:10 | 1764600 | 12.779 | 17.664 | 29.128 | 1980.428 | 2303.152 | 1.194 | 1.566 | 504.941 | 1 | 14.736 |
| 9/26/2018 8:15 | 1764900 | 12.78 | 17.663 | 29.129 | 1980.333 | 2303.055 | 1.194 | 1.566 | 504.965 | 1 | 14.737 |
| 9/26/2018 8:20 | 1765200 | 12.779 | 17.663 | 29.127 | 1979.916 | 2302.588 | 1.193 | 1.566 | 505.072 | 1 | 14.738 |
| 9/26/2018 8:25 | 1765500 | 12.778 | 17.663 | 29.126 | 1979.601 | 2302.213 | 1.193 | 1.566 | 505.152 | 1 | 14.739 |
| 9/26/2018 8:30 | 1765800 | 12.777 | 17.663 | 29.123 | 1979.541 | 2302.142 | 1.193 | 1.566 | 505.168 | 1 | 14.74 |
| 9/26/2018 8:35 | 1 | | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/26/2018 17:50 | 1799400 | 12.772 | 17.663 | 29.112 | 1968.68 | 2289.511 | 1.186 | 1.557 | 507.955 | 1 | 14.725 |
| 9/26/2018 17:55 | 1799700 | 12.772 | 17.663 | 29.112 | 1968.756 | 2289.595 | 1.186 | 1.557 | 507.935 | 1 | 14.726 |
| 9/26/2018 18:00 | 1800000 | 12.771 | 17.664 | 29.109 | 1968.532 | 2289.326 | 1.186 | 1.557 | 507.993 | 1 | 14.727 |
| 9/26/2018 18:05 | 1800300 | 12.771 | 17.664 | 29.111 | 1968.541 | 2289.336 | 1.186 | 1.557 | 507.99 | 1 | 14.726 |
| 9/26/2018 18:10 | 1800600 | 12.772 | 17.663 | 29.111 | 1968.067 | 2288.825 | 1.186 | 1.556 | 508.113 | 1 | 14.726 |
| 9/26/2018 18:15 | 1800900 | 12.77 | 17.663 | 29.107 | 1968.577 | 2289.409 | 1.186 | 1.557 | 507.981 | 1 | 14.725 |
| 9/26/2018 18:20 | 1801200 | 12.772 | 17.663 | 29.112 | 1967.956 | 2288.67 | 1.186 | 1.556 | 508.141 | 1 | 14.724 |
| 9/26/2018 18:25 | 1801500 | 12.774 | 17.663 | 29.115 | 1967.727 | 2288.412 | 1.186 | 1.556 | 508.201 | 1 | 14.723 |
| 9/26/2018 18:30 | 1801800 | 12.774 | 17.663 | 29.116 | 1967.924 | 2288.65 | 1.186 | 1.556 | 508.15 | 1 | 14.722 |
| 9/26/2018 18:35 | 1802100 | 12.773 | 17.663 | 29.114 | 1967.888 | 2288.613 | 1.186 | 1.556 | 508.159 | 1 | 14.724 |
| 9/26/2018 18:40 | 1802400 | 12.772 | 17.664 | 29.111 | 1967.853 | 2288.334 | 1.186 | 1.556 | 508.168 | 1 | 14.726 |
| 9/26/2018 18:45 | 1802700 | 12.768 | 17.663 | 29.102 | 1967.959 | 2288.691 | 1.186 | 1.556 | 508.141 | 1 | 14.728 |
| 9/26/2018 18:50 | 1803000 | 12.769 | 17.663 | 29.104 | 1967.599 | 2288.263 | 1.186 | 1.556 | 508.234 | 1 | 14.728 |
| 9/26/2018 18:55 | 1803300 | 12.77 | 17.663 | 29.106 | 1967.724 | 2288.413 | 1.186 | 1.556 | 508.201 | 1 | 14.727 |
| 9/26/2018 19:00 | 1803600 | 12.77 | 17.663 | 29.106 | 1967.367 | 2287.989 | 1.185 | 1.556 | 508.294 | 1 | 14.727 |
| 9/26/2018 19:05 | 1803900 | 12.769 | 17.663 | 29.104 | 1967.327 | 2287.948 | 1.185 | 1.556 | 508.304 | 1 | 14.728 |
| 9/26/2018 19:10 | 1804200 | 12.766 | 17.663 | 29.098 | 1967.024 | 2287.599 | 1.185 | 1.556 | 508.382 | 1 | 14.729 |
| 9/26/2018 19:15 | 1804500 | 12.765 | 17.663 | 29.095 | 1967.045 | 2287.628 | 1.185 | 1.556 | 508.377 | 1 | 14.73 |
| 9/26/2018 19:20 | 1804800 | 12.766 | 17.664 | 29.097 | 1967.508 | 2288.135 | 1.185 | 1.556 | 508.257 | 1 | 14.728 |
| 9/26/2018 19:25 | 1805100 | 12.768 | 17.663 | 29.102 | 1967.179 | 2287.779 | 1.185 | 1.556 | 508.342 | 1 | 14.726 |
| 9/26/2018 19:30 | 1805400 | 12.769 | 17.663 | 29.105 | 1967.071 | 2287.65 | 1.185 | 1.556 | 508.37 | 1 | 14.723 |
| 9/26/2018 19:35 | 1805700 | 12.771 | 17.663 | 29.111 | 1966.437 | 2286.929 | 1.185 | 1.555 | 508.534 | 1 | 14.722 |
| 9/26/2018 19:40 | 1806000 | 12.773 | 17.663 | 29.114 | 1966.862 | 2287.437 | 1.185 | 1.555 | 508.424 | 1 | 14.72 |
| 9/26/2018 19:45 | 1806300 | 12.775 | 17.663 | 29.119 | 1966.228 | 2286.669 | 1.185 | 1.555 | 508.588 | 1 | 14.718 |
| 9/26/2018 19:50 | 1806600 | 12.775 | 17.663 | 29.117 | 1966.567 | 2287.063 | 1.185 | 1.555 | 508.5 | 1 | 14.719 |
| 9/26/2018 19:55 | 1806900 | 12.774 | 17.663 | 29.116 | 1966.001 | 2286.406 | 1.185 | 1.555 | 508.647 | 1 | 14.719 |
| 9/26/2018 20:00 | 1807200 | 12.774 | 17.663 | 29.117 | 1965.771 | 2286.129 | 1.184 | 1.555 | 508.706 | 1 | 14.72 |
| 9/26/2018 20:05 | 1807500 | 12.774 | 17.663 | 29.115 | 1966.228 | 2286.669 | 1.185 | 1.555 | 508.588 | 1 | 14.72 |
| 9/26/2018 20:10 | 1807800 | 12.775 | 17.663 | 29.117 | 1966.01 | 2286.41 | 1.185 | 1.555 | 508.644 | 1 | 14.719 |
| 9/26/2018 20:15 | 1808100 | 12.773 | 17.663 | 29.113 | 1965.787 | 2286.142 | 1.184 | 1.555 | 508.702 | 1 | 14.719 |
| 9/26/2018 20:20 | 1808400 | 12.773 | 17.663 | 29.113 | 1965.521 | 2285.869 | 1.184 | 1.554 | 508.771 | 1 | 14.721 |
| 9/26/2018 20:25 | 1808700 | 12.772 | 17.663 | 29.111 | 1965.86 | 2286.258 | 1.184 | 1.555 | 508.683 | 1 | 14.722 |
| 9/26/2018 20:30 | 1809000 | 12.77 | 17.663 | 29.106 | 1965.723 | 2286.095 | 1.184 | 1.555 | 508.719 | 1 | 14.724 |
| 9/26/2018 20:35 | 1809300 | 12.771 | 17.663 | 29.111 | 1965.811 | 2286.17 | 1.184 | 1.555 | 508.696 | 1 | 14.724 |
| 9/26/2018 20:40 | 1809600 | 12.772 | 17.663 | 29.111 | 1965.171 | 2285.44 | 1.184 | 1.554 | 508.861 | 1 | 14.723 |
| 9/26/2018 20:45 | 1809900 | 12.772 | 17.663 | 29.111 | 1964.996 | 2285.254 | 1.184 | 1.554 | 508.907 | 1 | 14.723 |
| 9/26/2018 20:50 | 1810200 | 12.772 | 17.663 | 29.112 | 1965.53 | 2285.852 | 1.184 | 1.554 | 508.769 | 1 | 14.723 |
| 9/26/2018 20:55 | 1810500 | 12.772 | 17.663 | 29.112 | 1965 | 2285.245 | 1.184 | 1.554 | 508.906 | 1 | 14.722 |
| 9/26/2018 21:00 | 1810800 | 12.774 | 17.663 | 29.114 | 1965.226 | 2285.485 | 1.184 | 1.554 | 508.847 | 1 | 14.722 |
| 9/26/2018 21:05 | 1811100 | 12.772 | 17.664 | 29.116 | 1965.173 | 2285.406 | 1.184 | 1.554 | 508.851 | 1 | 14.721 |
| 9/26/2018 21:10 | 1811400 | 12.775 | 17.663 | 29.118 | 1964.382 | 2284.53 | 1.184 | 1.553 | 509.066 | 1 | 14.72 |
| 9/26/2018 21:15 | 1811700 | 12.775 | 17.663 | 29.119 | 1964.617 | 2284.809 | 1.184 | 1.554 | 509.005 | 1 | 14.72 |
| 9/26/2018 21:20 | 1812000 | 12.775 | 17.663 | 29.118 | 1964.7 | 2284.883 | 1.184 | 1.554 | 508.984 | 1 | 14.72 |
| 9/26/2018 21:25 | 1812300 | 12.774 | 17.663 | 29.117 | 1964.773 | 2284.977 | 1.184 | 1.554 | 508.965 | 1 | 14.719 |
| 9/26/2018 21:30 | 1812600 | 12.773 | 17.663 | 29.115 | 1963.949 | 2284.027 | 1.183 | 1.553 | 509.178 | 1 | 14.719 |
| 9/26/2018 21:35 | 1812900 | 12.771 | 17.663 | 29.108 | 1964.584 | 2284.766 | 1.184 | 1.554 | 509.013 | 1 | 14.721 |
| 9/26/2018 21:40 | 1813200 | 12.769 | 17.663 | 29.105 | 1964.37 | 2284.516 | 1.184 | 1.553 | 509.069 | 1 | 14.722 |
| 9/26/2018 21:45 | 1813500 | 12.767 | 17.663 | 29.101 | 1963.843 | 2283.908 | 1.183 | 1.553 | 509.206 | 1 | 14.724 |
| 9/26/2018 21:50 | 1813800 | 12.768 | 17.664 | 29.103 | 1964.178 | 2284.258 | 1.183 | 1.553 | 509.119 | 1 | 14.723 |
| 9/26/2018 21:55 | 1814100 | 12.769 | 17.663 | 29.105 | 1964.221 | 2284.335 | 1.183 | 1.553 | 509.108 | 1 | 14.722 |
| 9/26/2018 22:00 | 1814400 | 12.77 | 17.663 | 29.108 | 1963.538 | 2283.536 | 1.183 | 1.553 | 509.285 | 1 | 14.722 |
| 9/26/2018 22:05 | 1814700 | 12.773 | 17.663 | 29.113 | 1963.754 | 2283.792 | 1.183 | 1.553 | 509.229 | 1 | 14.719 |
| 9/26/2018 22:10 | 1815000 | 12.774 | 17.663 | 29.116 | 1963.302 | 2283.252 | 1.183 | 1.553 | 509.346 | 1 | 14.717 |
| 9/26/2018 22:15 | 1815300 | 12.778 | 17.663 | 29.125 | 1963.896 | 2283.952 | 1.183 | 1.553 | 509.192 | 1 | 14.714 |
| 9/26/2018 22:20 | 1815600 | 12.774 | 17.663 | 29.116 | 1963.669 | 2283.716 | 1.183 | 1.553 | 509.251 | 1 | 14.718 |
| 9/26/2018 22:25 | 1815900 | 12.77 | 17.663 | 29.106 | 1963.445 | 2283.424 | 1.183 | 1.553 | 509.309 | 1 | 14.721 |
| 9/26/2018 22:30 | 1816200 | 12.767 | 17.663 | 29.099 | 1963.004 | 2282.914 | 1.183 | 1.552 | 509.423 | 1 | 14.725 |
| 9/26/2018 22:35 | 1816500 | 12.767 | 17.663 | 29.099 | 1963.222 | 2283.199 | 1.183 | 1.552 | 509.367 | 1 | 14.723 |
| 9/26/2018 22:40 | 1816800 | 12.77 | 17.663 | 29.106 | 1962.855 | 2282.747 | 1.183 | 1.552 | 509.462 | 1 | 14.722 |
| 9/26/2018 22:45 | 1817100 | 12.77 | 17.663 | 29.106 | 1963.084 | 2283.039 | 1.183 | 1.552 | 509.403 | 1 | 14.721 |
| 9/26/2018 22:50 | 1817400 | 12.769 | 17.663 | 29.105 | 1962.727 | 2282.589 | 1.182 | 1.552 | 509.495 | 1 | 14.722 |
| 9/26/2018 22:55 | 1817700 | 12.768 | 17.663 | 29.103 | 1962.896 | 2282.817 | 1.183 | 1.552 | 509.451 | 1 | 14.723 |
| 9/26/2018 23:00 | 1818000 | 12.767 | 17.663 | 29.099 | 1962.448 | 2282.259 | 1.182 | 1.552 | 509.568 | 1 | 14.724 |
| 9/26/2018 23:05 | 1818300 | 12.766 | 17.663 | 29.098 | 1962.724 | 2282.58 | 1.182 | 1.552 | 509.496 | 1 | 14.724 |
| 9/26/2018 23:10 | 1818600 | 12.766 | 17.663 | 29.097 | 1962.489 | 2282.333 | 1.182 | 1.552 | 509.557 | 1 | 14.724 |
| 9/26/2018 23:15 | 1818900 | 12.766 | 17.663 | 29.098 | 1962.179 | 2281.969 | 1.182 | 1.552 | 509.638 | 1 | 14.724 |
| 9/26/2018 23:20 | 1819200 | 12.767 | 17.663 | 29.102 | 1962.72 | 2282.581 | 1.182 | 1.552 | 509.497 | 1 | 14.722 |
| 9/26/2018 23:25 | 1819500 | 12.77 | 17.663 | 29.106 | 1962.134 | 2281.903 | 1.182 | 1.552 | 509.649 | 1 | 14.72 |
| 9/26/2018 23:30 | 1819800 | 12.769 | 17.663 | 29.105 | 1962.371 | 2282.179 | 1.182 | 1.552 | 509.588 | 1 | 14.719 |
| 9/26/2018 23:35 | 1820100 | 12.769 | 17.663 | 29.105 | 1962.155 | 2281.941 | 1.182 | 1.552 | 509.644 | 1 | 14.719 |
| 9/26/2018 23:40 | 1820400 | 12.769 | 17.663 | 29.105 | 1961.937 | 2281.674 | 1.182 | 1.552 | 509.7 | 1 | 14.719 |
| 9/26/2018 23:45 | 1820700 | 12.768 | 17.663 | 29.103 | 1961.984 | 2281.738 | 1.182 | 1.552 | 509.688 | 1 | 14.719 |
| 9/26/2018 23:50 | 1821000 | 12.765 | 17.663 | 29.096 | 1962.055 | 2281.829 | 1.182 | 1.552 | 509.67 | 1 | 14.721 |
| 9/26/2018 23:55 | 1821300 | 12.763 | 17.663 | 29.091 | 1962.259 | 2282.053 | 1.182 | 1.552 | 509.617 | 1 | 14.722 |
| 9/27/2018 0:00 | 1821600 | 12.762 | 17.663 | 29.089 | 1962.069 | 2281.836 | 1.182 | 1.552 | 509.666 | 1 | 14.724 |
| 9/27/2018 0:05 | 1821900 | 12.766 | 17.663 | 29.097 | 1961.861 | 2281.572 | 1.182 | 1.551 | 509.72 | 1 | 14.721 |
| 9/27/2018 0:10 | 1822200 | 12.767 | 17.663 | 29.1 | 1961.865 | 2281.017 | 1.182 | 1.551 | 509.849 | 1 | 14.717 |
| 9/27/2018 0:15 | 1822500 | 12.769 | 17.663 | 29.106 | 1961.841 | 2281.576 | 1.182 | 1.551 | 509.725 | 1 | 14.714 |
| 9/27/2018 0:20 | 1822800 | 12.769 | 17.664 | 29.104 | 1961.21 | 2280.807 | 1.182 | 1.551 | 509.889 | 1 | 14.715 |
| 9/27/2018 0:25 | 1823100 | 12.767 | 17.663 | 29.101 | 1961.432 | 2281.109 | 1.182 | 1.551 | 509.831 | 1 | 14.715 |
| 9/27/2018 0:30 | 1823400 | 12.768 | 17.664 | 29.102 | 1961.058 | 2280.634 | 1.181 | 1.551 | 509.929 | 1 | 14.715 |
| 9/27/2018 0:35 | 1823700 | 12.768 | 17.663 | 29.103 | 1961.484 | 2281.143 | 1.182 | 1.551 | 509.818 | 1 | 14.715 |
| 9/27/2018 0:40 | 1824000 | 12.769 | 17.663 | 29.104 | 1961.607 | 2281.308 | 1.182 | 1.551 | 509.786 | 1 | 14.715 |
| 9/27/2018 0:45 | 1824300 | 12.769 | 17.663 | 29.104 | 1961.427 | 2281.094 | 1.182 | 1.551 | 509.833 | 1 | 14.715 |
| 9/27/2018 0:50 | 1824600 | 12.769 | 17.663 | 29.105 | 1961.276 | 2280.896 | 1.182 | 1.551 | 509.872 | 1 | 14.715 |
| 9/27/2018 0:55 | 1824900 | 12.769 | 17.663 | 29.104 | 1961.192 | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/27/2018 10:15 | 1858500 | 12.763 | 17.663 | 29.09 | 1960.941 | 2280.524 | 1.181 | 1.551 | 509.959 | 1 | 14.725 |
| 9/27/2018 10:20 | 1858800 | 12.762 | 17.663 | 29.088 | 1960.714 | 2280.269 | 1.181 | 1.551 | 510.018 | 1 | 14.724 |
| 9/27/2018 10:25 | 1859100 | 12.761 | 17.663 | 29.087 | 1960.432 | 2279.919 | 1.181 | 1.55 | 510.092 | 1 | 14.723 |
| 9/27/2018 10:30 | 1859400 | 12.763 | 17.663 | 29.092 | 1960.434 | 2279.935 | 1.181 | 1.55 | 510.091 | 1 | 14.723 |
| 9/27/2018 10:35 | 1859700 | 12.764 | 17.663 | 29.093 | 1960.422 | 2279.917 | 1.181 | 1.55 | 510.094 | 1 | 14.721 |
| 9/27/2018 10:40 | 1860000 | 12.765 | 17.663 | 29.096 | 1960.89 | 2280.452 | 1.181 | 1.551 | 509.973 | 1 | 14.719 |
| 9/27/2018 10:45 | 1860300 | 12.766 | 17.663 | 29.097 | 1960.722 | 2280.278 | 1.181 | 1.551 | 510.016 | 1 | 14.718 |
| 9/27/2018 10:50 | 1860600 | 12.766 | 17.663 | 29.098 | 1960.672 | 2280.207 | 1.181 | 1.551 | 510.029 | 1 | 14.717 |
| 9/27/2018 10:55 | 1860900 | 12.765 | 17.663 | 29.095 | 1960.766 | 2280.321 | 1.181 | 1.551 | 510.005 | 1 | 14.717 |
| 9/27/2018 11:00 | 1861200 | 12.767 | 17.663 | 29.1 | 1960.724 | 2280.263 | 1.181 | 1.551 | 510.015 | 1 | 14.716 |
| 9/27/2018 11:05 | 1861500 | 12.764 | 17.663 | 29.093 | 1960.429 | 2279.938 | 1.181 | 1.55 | 510.092 | 1 | 14.718 |
| 9/27/2018 11:10 | 1861800 | 12.762 | 17.663 | 29.088 | 1960.561 | 2280.069 | 1.181 | 1.55 | 510.058 | 1 | 14.719 |
| 9/27/2018 11:15 | 1862100 | 12.76 | 17.663 | 29.084 | 1960.793 | 2280.339 | 1.181 | 1.551 | 509.998 | 1 | 14.721 |
| 9/27/2018 11:20 | 1862400 | 12.759 | 17.663 | 29.081 | 1960.639 | 2280.178 | 1.181 | 1.551 | 510.038 | 1 | 14.721 |
| 9/27/2018 11:25 | 1862700 | 12.761 | 17.663 | 29.087 | 1959.972 | 2279.388 | 1.181 | 1.55 | 510.211 | 1 | 14.72 |
| 9/27/2018 11:30 | 1863000 | 12.761 | 17.663 | 29.087 | 1960.784 | 2280.329 | 1.181 | 1.551 | 510 | 1 | 14.72 |
| 9/27/2018 11:35 | 1863300 | 12.762 | 17.663 | 29.087 | 1960.165 | 2279.649 | 1.181 | 1.55 | 510.161 | 1 | 14.72 |
| 9/27/2018 11:40 | 1863600 | 12.762 | 17.663 | 29.088 | 1959.973 | 2279.399 | 1.181 | 1.55 | 510.211 | 1 | 14.719 |
| 9/27/2018 11:45 | 1863900 | 12.761 | 17.663 | 29.087 | 1960.738 | 2279.596 | 1.181 | 1.55 | 510.09 | 1 | 14.719 |
| 9/27/2018 11:50 | 1864200 | 12.761 | 17.663 | 29.087 | 1960.071 | 2279.509 | 1.181 | 1.55 | 510.186 | 1 | 14.719 |
| 9/27/2018 11:55 | 1864500 | 12.76 | 17.663 | 29.083 | 1960.656 | 2280.197 | 1.181 | 1.551 | 510.033 | 1 | 14.719 |
| 9/27/2018 12:00 | 1864800 | 12.759 | 17.663 | 29.083 | 1960.326 | 2279.809 | 1.181 | 1.55 | 510.119 | 1 | 14.719 |
| 9/27/2018 12:05 | 1865100 | 12.761 | 17.663 | 29.085 | 1960.164 | 2279.629 | 1.181 | 1.55 | 510.161 | 1 | 14.718 |
| 9/27/2018 12:10 | 1865400 | 12.761 | 17.663 | 29.086 | 1960.486 | 2280.004 | 1.181 | 1.55 | 510.078 | 1 | 14.717 |
| 9/27/2018 12:15 | 1865700 | 12.762 | 17.663 | 29.089 | 1960.019 | 2279.444 | 1.181 | 1.55 | 510.199 | 1 | 14.716 |
| 9/27/2018 12:20 | 1866000 | 12.765 | 17.663 | 29.096 | 1960.402 | 2279.885 | 1.181 | 1.55 | 510.099 | 1 | 14.713 |
| 9/27/2018 12:25 | 1866300 | 12.765 | 17.663 | 29.096 | 1959.927 | 2279.354 | 1.181 | 1.55 | 510.223 | 1 | 14.711 |
| 9/27/2018 12:30 | 1866600 | 12.767 | 17.664 | 29.101 | 1960.206 | 2279.634 | 1.181 | 1.55 | 510.15 | 1 | 14.708 |
| 9/27/2018 12:35 | 1866900 | 12.761 | 17.663 | 29.09 | 1959.97 | 2279.399 | 1.181 | 1.55 | 510.212 | 1 | 14.713 |
| 9/27/2018 12:40 | 1867200 | 12.757 | 17.663 | 29.077 | 1959.827 | 2279.231 | 1.181 | 1.55 | 510.247 | 1 | 14.717 |
| 9/27/2018 12:45 | 1867500 | 12.753 | 17.663 | 29.067 | 1960.213 | 2279.696 | 1.181 | 1.55 | 510.149 | 1 | 14.721 |
| 9/27/2018 12:50 | 1867800 | 12.757 | 17.663 | 29.077 | 1959.981 | 2279.416 | 1.181 | 1.55 | 510.209 | 1 | 14.716 |
| 9/27/2018 12:55 | 1868100 | 12.76 | 17.663 | 29.085 | 1959.933 | 2279.339 | 1.181 | 1.55 | 510.222 | 1 | 14.711 |
| 9/27/2018 13:00 | 1868400 | 12.765 | 17.663 | 29.095 | 1959.984 | 2279.424 | 1.181 | 1.55 | 510.208 | 1 | 14.706 |
| 9/27/2018 13:05 | 1868700 | 12.763 | 17.663 | 29.09 | 1960.305 | 2279.78 | 1.181 | 1.55 | 510.125 | 1 | 14.708 |
| 9/27/2018 13:10 | 1869000 | 12.761 | 17.663 | 29.087 | 1959.791 | 2279.187 | 1.181 | 1.55 | 510.259 | 1 | 14.709 |
| 9/27/2018 13:15 | 1869300 | 12.757 | 17.663 | 29.076 | 1960.322 | 2279.814 | 1.181 | 1.55 | 510.12 | 1 | 14.711 |
| 9/27/2018 13:20 | 1869600 | 12.757 | 17.663 | 29.077 | 1960.24 | 2279.72 | 1.181 | 1.55 | 510.142 | 1 | 14.71 |
| 9/27/2018 13:25 | 1869900 | 12.758 | 17.663 | 29.08 | 1959.538 | 2278.932 | 1.181 | 1.55 | 510.324 | 1 | 14.709 |
| 9/27/2018 13:30 | 1870200 | 12.759 | 17.663 | 29.081 | 1959.659 | 2279.039 | 1.181 | 1.55 | 510.293 | 1 | 14.708 |
| 9/27/2018 13:35 | 1870500 | 12.758 | 17.663 | 29.08 | 1959.641 | 2279.012 | 1.181 | 1.55 | 510.298 | 1 | 14.706 |
| 9/27/2018 13:40 | 1870800 | 12.758 | 17.663 | 29.08 | 1960.307 | 2279.8 | 1.181 | 1.55 | 510.124 | 1 | 14.704 |
| 9/27/2018 13:45 | 1871100 | 12.759 | 17.663 | 29.082 | 1959.618 | 2278.995 | 1.181 | 1.55 | 510.303 | 1 | 14.702 |
| 9/27/2018 13:50 | 1871400 | 12.759 | 17.663 | 29.083 | 1960.026 | 2279.474 | 1.181 | 1.55 | 510.197 | 1 | 14.702 |
| 9/27/2018 13:55 | 1871700 | 12.76 | 17.663 | 29.084 | 1959.616 | 2278.992 | 1.181 | 1.55 | 510.304 | 1 | 14.701 |
| 9/27/2018 14:00 | 1872000 | 12.758 | 17.663 | 29.08 | 1959.513 | 2278.868 | 1.18 | 1.55 | 510.331 | 1 | 14.7 |
| 9/27/2018 14:05 | 1872300 | 12.758 | 17.663 | 29.08 | 1959.496 | 2278.84 | 1.18 | 1.55 | 510.335 | 1 | 14.701 |
| 9/27/2018 14:10 | 1872600 | 12.757 | 17.663 | 29.078 | 1959.51 | 2278.86 | 1.18 | 1.55 | 510.332 | 1 | 14.701 |
| 9/27/2018 14:15 | 1872900 | 12.755 | 17.664 | 29.073 | 1959.608 | 2278.948 | 1.18 | 1.55 | 510.306 | 1 | 14.701 |
| 9/27/2018 14:20 | 1873200 | 12.758 | 17.663 | 29.079 | 1959.541 | 2278.883 | 1.18 | 1.55 | 510.324 | 1 | 14.698 |
| 9/27/2018 14:25 | 1873500 | 12.76 | 17.663 | 29.084 | 1959.503 | 2278.853 | 1.18 | 1.55 | 510.333 | 1 | 14.695 |
| 9/27/2018 14:30 | 1873800 | 12.761 | 17.663 | 29.087 | 1959.995 | 2279.406 | 1.181 | 1.55 | 510.205 | 1 | 14.692 |
| 9/27/2018 14:35 | 1874100 | 12.764 | 17.663 | 29.094 | 1959.589 | 2278.931 | 1.18 | 1.55 | 510.311 | 1 | 14.693 |
| 9/27/2018 14:40 | 1874400 | 12.76 | 17.663 | 29.083 | 1959.387 | 2278.695 | 1.18 | 1.55 | 510.364 | 1 | 14.693 |
| 9/27/2018 14:45 | 1874700 | 12.76 | 17.663 | 29.083 | 1959.616 | 2278.984 | 1.181 | 1.55 | 510.304 | 1 | 14.694 |
| 9/27/2018 14:50 | 1875000 | 12.76 | 17.663 | 29.084 | 1959.701 | 2279.091 | 1.181 | 1.55 | 510.282 | 1 | 14.694 |
| 9/27/2018 14:55 | 1875300 | 12.758 | 17.663 | 29.08 | 1959.38 | 2278.73 | 1.18 | 1.55 | 510.366 | 1 | 14.695 |
| 9/27/2018 15:00 | 1875600 | 12.761 | 17.663 | 29.079 | 1959.722 | 2279.157 | 1.181 | 1.55 | 510.277 | 1 | 14.696 |
| 9/27/2018 15:05 | 1875900 | 12.758 | 17.663 | 29.079 | 1959.664 | 2279.058 | 1.181 | 1.55 | 510.291 | 1 | 14.693 |
| 9/27/2018 15:10 | 1876200 | 12.762 | 17.663 | 29.088 | 1959.846 | 2279.278 | 1.181 | 1.55 | 510.244 | 1 | 14.691 |
| 9/27/2018 15:15 | 1876500 | 12.762 | 17.663 | 29.09 | 1959.307 | 2278.642 | 1.18 | 1.549 | 510.385 | 1 | 14.689 |
| 9/27/2018 15:20 | 1876800 | 12.763 | 17.663 | 29.09 | 1959.445 | 2278.794 | 1.18 | 1.55 | 510.348 | 1 | 14.689 |
| 9/27/2018 15:25 | 1877100 | 12.761 | 17.664 | 29.086 | 1959.72 | 2279.077 | 1.181 | 1.55 | 510.277 | 1 | 14.689 |
| 9/27/2018 15:30 | 1877400 | 12.761 | 17.663 | 29.086 | 1959.199 | 2278.49 | 1.18 | 1.549 | 510.413 | 1 | 14.689 |
| 9/27/2018 15:35 | 1877700 | 12.76 | 17.663 | 29.083 | 1959.836 | 2279.249 | 1.181 | 1.55 | 510.247 | 1 | 14.689 |
| 9/27/2018 15:40 | 1878000 | 12.761 | 17.663 | 29.086 | 1959.611 | 2278.982 | 1.181 | 1.55 | 510.305 | 1 | 14.688 |
| 9/27/2018 15:45 | 1878300 | 12.761 | 17.663 | 29.087 | 1959.775 | 2279.592 | 1.18 | 1.55 | 510.393 | 1 | 14.688 |
| 9/27/2018 15:50 | 1878600 | 12.761 | 17.663 | 29.087 | 1960.038 | 2279.471 | 1.181 | 1.55 | 510.194 | 1 | 14.688 |
| 9/27/2018 15:55 | 1878900 | 12.761 | 17.663 | 29.087 | 1959.565 | 2278.937 | 1.18 | 1.55 | 510.317 | 1 | 14.687 |
| 9/27/2018 16:00 | 1879200 | 12.762 | 17.663 | 29.089 | 1959.262 | 2278.559 | 1.18 | 1.549 | 510.396 | 1 | 14.687 |
| 9/27/2018 16:05 | 1879500 | 12.761 | 17.663 | 29.086 | 1959.215 | 2278.517 | 1.18 | 1.549 | 510.408 | 1 | 14.687 |
| 9/27/2018 16:10 | 1879800 | 12.76 | 17.663 | 29.084 | 1959.301 | 2278.639 | 1.18 | 1.549 | 510.386 | 1 | 14.687 |
| 9/27/2018 16:15 | 1880100 | 12.762 | 17.663 | 29.087 | 1959.377 | 2278.701 | 1.18 | 1.55 | 510.366 | 1 | 14.687 |
| 9/27/2018 16:20 | 1880400 | 12.76 | 17.663 | 29.084 | 1959.395 | 2278.731 | 1.18 | 1.55 | 510.362 | 1 | 14.688 |
| 9/27/2018 16:25 | 1880700 | 12.759 | 17.663 | 29.081 | 1959.174 | 2278.491 | 1.18 | 1.549 | 510.419 | 1 | 14.689 |
| 9/27/2018 16:30 | 1881000 | 12.756 | 17.663 | 29.074 | 1959.289 | 2278.586 | 1.18 | 1.549 | 510.389 | 1 | 14.69 |
| 9/27/2018 16:35 | 1881300 | 12.76 | 17.663 | 29.08 | 1959.106 | 2278.39 | 1.18 | 1.549 | 510.437 | 1 | 14.687 |
| 9/27/2018 16:40 | 1881600 | 12.763 | 17.663 | 29.091 | 1959.499 | 2278.847 | 1.18 | 1.55 | 510.335 | 1 | 14.685 |
| 9/27/2018 16:45 | 1881900 | 12.765 | 17.663 | 29.096 | 1959.173 | 2278.487 | 1.18 | 1.549 | 510.419 | 1 | 14.683 |
| 9/27/2018 16:50 | 1882200 | 12.763 | 17.663 | 29.091 | 1959.569 | 2278.947 | 1.18 | 1.55 | 510.316 | 1 | 14.683 |
| 9/27/2018 16:55 | 1882500 | 12.761 | 17.663 | 29.087 | 1959.678 | 2279.06 | 1.181 | 1.55 | 510.288 | 1 | 14.683 |
| 9/27/2018 17:00 | 1882800 | 12.763 | 17.663 | 29.09 | 1959.126 | 2278.422 | 1.18 | 1.549 | 510.432 | 1 | 14.684 |
| 9/27/2018 17:05 | 1883100 | 12.757 | 17.663 | 29.078 | 1959.34 | 2278.649 | 1.18 | 1.549 | 510.376 | 1 | 14.688 |
| 9/27/2018 17:10 | 1883400 | 12.753 | 17.663 | 29.069 | 1959.211 | 2278.526 | 1.18 | 1.549 | 510.409 | 1 | 14.691 |
| 9/27/2018 17:15 | 1883700 | 12.75 | 17.663 | 29.061 | 1959.736 | 2279.141 | 1.181 | 1.55 | 510.273 | 1 | 14.695 |
| 9/27/2018 17:20 | 1884000 | 12.752 | 17.663 | 29.066 | 1959.089 | 2279.055 | 1.18 | 1.549 | 510.285 | 1 | 14.693 |
| 9/27/2018 17:25 | 18 | | | | | | | | | | |

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|----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/28/2018 2:40 | 1917600 | 12.764 | 17.664 | 29.093 | 1967.532 | 2288.162 | 1.186 | 1.556 | 508.251 | 1 | 14.678 |
| 9/28/2018 2:45 | 1917900 | 12.763 | 17.664 | 29.092 | 1967.395 | 2287.99 | 1.185 | 1.556 | 508.286 | 1 | 14.679 |
| 9/28/2018 2:50 | 1918200 | 12.765 | 17.664 | 29.096 | 1967.863 | 2288.543 | 1.186 | 1.556 | 508.165 | 1 | 14.678 |
| 9/28/2018 2:55 | 1918500 | 12.766 | 17.663 | 29.099 | 1967.608 | 2288.269 | 1.186 | 1.556 | 508.231 | 1 | 14.677 |
| 9/28/2018 3:00 | 1918800 | 12.768 | 17.663 | 29.101 | 1968.161 | 2288.904 | 1.186 | 1.556 | 508.088 | 1 | 14.676 |
| 9/28/2018 3:05 | 1919100 | 12.768 | 17.664 | 29.102 | 1968.038 | 2288.751 | 1.186 | 1.556 | 508.12 | 1 | 14.677 |
| 9/28/2018 3:10 | 1919400 | 12.766 | 17.664 | 29.099 | 1968.174 | 2288.91 | 1.186 | 1.556 | 508.085 | 1 | 14.677 |
| 9/28/2018 3:15 | 1919700 | 12.766 | 17.664 | 29.098 | 1968.482 | 2289.263 | 1.186 | 1.557 | 508.006 | 1 | 14.677 |
| 9/28/2018 3:20 | 1920000 | 12.768 | 17.663 | 29.102 | 1967.971 | 2288.678 | 1.186 | 1.556 | 508.138 | 1 | 14.676 |
| 9/28/2018 3:25 | 1920300 | 12.769 | 17.664 | 29.104 | 1967.914 | 2288.603 | 1.186 | 1.556 | 508.152 | 1 | 14.674 |
| 9/28/2018 3:30 | 1920600 | 12.769 | 17.664 | 29.105 | 1968.357 | 2289.122 | 1.186 | 1.557 | 508.038 | 1 | 14.672 |
| 9/28/2018 3:35 | 1920900 | 12.767 | 17.664 | 29.099 | 1968.408 | 2289.181 | 1.186 | 1.557 | 508.025 | 1 | 14.674 |
| 9/28/2018 3:40 | 1921200 | 12.767 | 17.663 | 29.099 | 1968.185 | 2288.945 | 1.186 | 1.556 | 508.082 | 1 | 14.675 |
| 9/28/2018 3:45 | 1921500 | 12.764 | 17.663 | 29.092 | 1968.116 | 2288.847 | 1.186 | 1.556 | 508.1 | 1 | 14.676 |
| 9/28/2018 3:50 | 1921800 | 12.764 | 17.663 | 29.093 | 1968.093 | 2288.846 | 1.186 | 1.556 | 508.106 | 1 | 14.675 |
| 9/28/2018 3:55 | 1922100 | 12.765 | 17.663 | 29.095 | 1967.777 | 2288.47 | 1.186 | 1.556 | 508.188 | 1 | 14.674 |
| 9/28/2018 4:00 | 1922400 | 12.766 | 17.663 | 29.097 | 1968.375 | 2289.162 | 1.186 | 1.557 | 508.033 | 1 | 14.673 |
| 9/28/2018 4:05 | 1922700 | 12.765 | 17.663 | 29.096 | 1967.93 | 2288.639 | 1.186 | 1.556 | 508.148 | 1 | 14.672 |
| 9/28/2018 4:10 | 1923000 | 12.769 | 17.663 | 29.104 | 1968.029 | 2288.764 | 1.186 | 1.556 | 508.123 | 1 | 14.671 |
| 9/28/2018 4:15 | 1923300 | 12.768 | 17.663 | 29.102 | 1967.855 | 2288.556 | 1.186 | 1.556 | 508.168 | 1 | 14.67 |
| 9/28/2018 4:20 | 1923600 | 12.765 | 17.663 | 29.096 | 1967.96 | 2288.688 | 1.186 | 1.556 | 508.14 | 1 | 14.671 |
| 9/28/2018 4:25 | 1923900 | 12.765 | 17.663 | 29.094 | 1968.063 | 2288.807 | 1.186 | 1.556 | 508.114 | 1 | 14.672 |
| 9/28/2018 4:30 | 1924200 | 12.764 | 17.663 | 29.092 | 1967.797 | 2288.498 | 1.186 | 1.556 | 508.182 | 1 | 14.673 |
| 9/28/2018 4:35 | 1924500 | 12.765 | 17.663 | 29.097 | 1968.009 | 2288.753 | 1.186 | 1.556 | 508.128 | 1 | 14.671 |
| 9/28/2018 4:40 | 1924800 | 12.769 | 17.663 | 29.103 | 1967.865 | 2288.568 | 1.186 | 1.556 | 508.165 | 1 | 14.669 |
| 9/28/2018 4:45 | 1925100 | 12.771 | 17.663 | 29.109 | 1968.283 | 2289.059 | 1.186 | 1.557 | 508.057 | 1 | 14.667 |
| 9/28/2018 4:50 | 1925400 | 12.771 | 17.663 | 29.109 | 1968.152 | 2288.901 | 1.186 | 1.556 | 508.091 | 1 | 14.667 |
| 9/28/2018 4:55 | 1925700 | 12.771 | 17.663 | 29.109 | 1967.844 | 2288.544 | 1.186 | 1.556 | 508.17 | 1 | 14.667 |
| 9/28/2018 5:00 | 1926000 | 12.772 | 17.663 | 29.111 | 1967.905 | 2288.163 | 1.186 | 1.556 | 508.258 | 1 | 14.667 |
| 9/28/2018 5:05 | 1926300 | 12.772 | 17.663 | 29.112 | 1968.124 | 2288.882 | 1.186 | 1.556 | 508.098 | 1 | 14.667 |
| 9/28/2018 5:10 | 1926600 | 12.772 | 17.663 | 29.112 | 1967.599 | 2288.273 | 1.186 | 1.556 | 508.234 | 1 | 14.667 |
| 9/28/2018 5:15 | 1926900 | 12.774 | 17.663 | 29.115 | 1967.496 | 2288.166 | 1.186 | 1.556 | 508.26 | 1 | 14.667 |
| 9/28/2018 5:20 | 1927200 | 12.773 | 17.663 | 29.113 | 1968.206 | 2288.973 | 1.186 | 1.557 | 508.077 | 1 | 14.667 |
| 9/28/2018 5:25 | 1927500 | 12.772 | 17.663 | 29.112 | 1967.447 | 2288.117 | 1.185 | 1.556 | 508.273 | 1 | 14.668 |
| 9/28/2018 5:30 | 1927800 | 12.773 | 17.663 | 29.114 | 1968.163 | 2288.933 | 1.186 | 1.556 | 508.088 | 1 | 14.668 |
| 9/28/2018 5:35 | 1928100 | 12.774 | 17.663 | 29.115 | 1968.032 | 2288.78 | 1.186 | 1.556 | 508.122 | 1 | 14.669 |
| 9/28/2018 5:40 | 1928400 | 12.772 | 17.663 | 29.112 | 1968.083 | 2288.831 | 1.186 | 1.556 | 508.109 | 1 | 14.67 |
| 9/28/2018 5:45 | 1928700 | 12.773 | 17.663 | 29.113 | 1967.644 | 2288.325 | 1.186 | 1.556 | 508.222 | 1 | 14.67 |
| 9/28/2018 5:50 | 1929000 | 12.771 | 17.663 | 29.109 | 1967.788 | 2288.478 | 1.186 | 1.556 | 508.155 | 1 | 14.671 |
| 9/28/2018 5:55 | 1929300 | 12.771 | 17.663 | 29.109 | 1968.027 | 2288.775 | 1.186 | 1.556 | 508.123 | 1 | 14.673 |
| 9/28/2018 6:00 | 1929600 | 12.77 | 17.663 | 29.107 | 1967.375 | 2288.029 | 1.185 | 1.556 | 508.291 | 1 | 14.674 |
| 9/28/2018 6:05 | 1929900 | 12.768 | 17.663 | 29.103 | 1968.093 | 2288.839 | 1.186 | 1.556 | 508.106 | 1 | 14.677 |
| 9/28/2018 6:10 | 1930200 | 12.767 | 17.663 | 29.099 | 1968.028 | 2288.767 | 1.186 | 1.556 | 508.123 | 1 | 14.679 |
| 9/28/2018 6:15 | 1930500 | 12.765 | 17.663 | 29.095 | 1967.369 | 2288 | 1.185 | 1.556 | 508.293 | 1 | 14.682 |
| 9/28/2018 6:20 | 1930800 | 12.765 | 17.663 | 29.096 | 1967.262 | 2287.885 | 1.185 | 1.556 | 508.281 | 1 | 14.682 |
| 9/28/2018 6:25 | 1931100 | 12.765 | 17.663 | 29.096 | 1967.394 | 2288.042 | 1.185 | 1.556 | 508.327 | 1 | 14.682 |
| 9/28/2018 6:30 | 1931400 | 12.766 | 17.663 | 29.098 | 1967.911 | 2288.618 | 1.186 | 1.556 | 508.153 | 1 | 14.682 |
| 9/28/2018 6:35 | 1931700 | 12.767 | 17.663 | 29.1 | 1967.733 | 2288.454 | 1.186 | 1.556 | 508.199 | 1 | 14.682 |
| 9/28/2018 6:40 | 1932000 | 12.768 | 17.663 | 29.102 | 1967.426 | 2288.085 | 1.185 | 1.556 | 508.278 | 1 | 14.682 |
| 9/28/2018 6:45 | 1932300 | 12.768 | 17.663 | 29.102 | 1967.181 | 2287.803 | 1.185 | 1.556 | 508.342 | 1 | 14.682 |
| 9/28/2018 6:50 | 1932600 | 12.767 | 17.663 | 29.101 | 1967.634 | 2288.322 | 1.186 | 1.556 | 508.225 | 1 | 14.684 |
| 9/28/2018 6:55 | 1932900 | 12.768 | 17.663 | 29.101 | 1967.123 | 2287.714 | 1.185 | 1.556 | 508.357 | 1 | 14.686 |
| 9/28/2018 7:00 | 1933200 | 12.765 | 17.663 | 29.095 | 1967.612 | 2288.274 | 1.186 | 1.556 | 508.23 | 1 | 14.687 |
| 9/28/2018 7:05 | 1933500 | 12.766 | 17.663 | 29.099 | 1967.271 | 2287.905 | 1.185 | 1.556 | 508.318 | 1 | 14.686 |
| 9/28/2018 7:10 | 1933800 | 12.769 | 17.663 | 29.103 | 1967.136 | 2287.725 | 1.185 | 1.556 | 508.353 | 1 | 14.685 |
| 9/28/2018 7:15 | 1934100 | 12.771 | 17.663 | 29.108 | 1966.98 | 2287.547 | 1.185 | 1.556 | 508.394 | 1 | 14.684 |
| 9/28/2018 7:20 | 1934400 | 12.769 | 17.663 | 29.104 | 1967.739 | 2288.452 | 1.186 | 1.556 | 508.198 | 1 | 14.686 |
| 9/28/2018 7:25 | 1934700 | 12.765 | 17.663 | 29.098 | 1967.431 | 2288.181 | 1.185 | 1.555 | 508.277 | 1 | 14.687 |
| 9/28/2018 7:30 | 1935000 | 12.766 | 17.663 | 29.097 | 1967.481 | 2288.135 | 1.185 | 1.556 | 508.264 | 1 | 14.689 |
| 9/28/2018 7:35 | 1935300 | 12.763 | 17.663 | 29.09 | 1967.714 | 2288.419 | 1.186 | 1.556 | 508.204 | 1 | 14.691 |
| 9/28/2018 7:40 | 1935600 | 12.762 | 17.663 | 29.088 | 1967.117 | 2287.711 | 1.185 | 1.556 | 508.358 | 1 | 14.692 |
| 9/28/2018 7:45 | 1935900 | 12.759 | 17.663 | 29.082 | 1967.037 | 2287.627 | 1.185 | 1.556 | 508.379 | 1 | 14.693 |
| 9/28/2018 7:50 | 1936200 | 12.759 | 17.663 | 29.082 | 1966.857 | 2287.431 | 1.185 | 1.555 | 508.425 | 1 | 14.694 |
| 9/28/2018 7:55 | 1936500 | 12.757 | 17.663 | 29.077 | 1967.195 | 2287.797 | 1.185 | 1.556 | 508.338 | 1 | 14.695 |
| 9/28/2018 8:00 | 1936800 | 12.757 | 17.663 | 29.078 | 1967.264 | 2287.9 | 1.185 | 1.556 | 508.32 | 1 | 14.696 |
| 9/28/2018 8:05 | 1937100 | 12.757 | 17.663 | 29.078 | 1966.768 | 2287.297 | 1.185 | 1.555 | 508.448 | 1 | 14.694 |
| 9/28/2018 8:10 | 1937400 | 12.759 | 17.663 | 29.081 | 1966.812 | 2287.371 | 1.185 | 1.555 | 508.437 | 1 | 14.692 |
| 9/28/2018 8:15 | 1937700 | 12.76 | 17.663 | 29.084 | 1966.601 | 2287.12 | 1.185 | 1.555 | 508.492 | 1 | 14.69 |
| 9/28/2018 8:20 | 1938000 | 12.76 | 17.663 | 29.084 | 1966.955 | 2287.523 | 1.185 | 1.556 | 508.4 | 1 | 14.69 |
| 9/28/2018 8:25 | 1938300 | 12.759 | 17.663 | 29.082 | 1966.583 | 2287.113 | 1.185 | 1.555 | 508.496 | 1 | 14.691 |
| 9/28/2018 8:30 | 1938600 | 12.758 | 17.663 | 29.08 | 1966.89 | 2287.456 | 1.185 | 1.555 | 508.417 | 1 | 14.691 |
| 9/28/2018 8:35 | 1938900 | 12.761 | 17.663 | 29.085 | 1967.064 | 2287.663 | 1.185 | 1.556 | 508.372 | 1 | 14.689 |
| 9/28/2018 8:40 | 1939200 | 12.763 | 17.662 | 29.092 | 1966.557 | 2287.091 | 1.185 | 1.555 | 508.503 | 1 | 14.686 |
| 9/28/2018 8:45 | 1939500 | 12.766 | 17.663 | 29.098 | 1967.144 | 2287.765 | 1.185 | 1.556 | 508.351 | 1 | 14.683 |
| 9/28/2018 8:50 | 1939800 | 12.763 | 17.663 | 29.092 | 1966.848 | 2287.407 | 1.185 | 1.555 | 508.428 | 1 | 14.686 |
| 9/28/2018 8:55 | 1940100 | 12.761 | 17.662 | 29.086 | 1966.445 | 2286.961 | 1.185 | 1.555 | 508.532 | 1 | 14.689 |
| 9/28/2018 9:00 | 1940400 | 12.759 | 17.663 | 29.081 | 1966.654 | 2287.19 | 1.185 | 1.555 | 508.478 | 1 | 14.691 |
| 9/28/2018 9:05 | 1940700 | 12.759 | 17.663 | 29.083 | 1966.61 | 2287.135 | 1.185 | 1.555 | 508.489 | 1 | 14.691 |
| 9/28/2018 9:10 | 1941000 | 12.76 | 17.662 | 29.083 | 1966.421 | 2286.928 | 1.185 | 1.555 | 508.538 | 1 | 14.691 |
| 9/28/2018 9:15 | 1941300 | 12.761 | 17.662 | 29.085 | 1966.885 | 2287.481 | 1.185 | 1.555 | 508.418 | 1 | 14.691 |
| 9/28/2018 9:20 | 1941600 | 12.759 | 17.663 | 29.082 | 1966.72 | 2287.259 | 1.185 | 1.555 | 508.461 | 1 | 14.693 |
| 9/28/2018 9:25 | 1941900 | 12.758 | 17.663 | 29.08 | 1966.481 | 2286.985 | 1.185 | 1.555 | 508.523 | 1 | 14.694 |
| 9/28/2018 9:30 | 1942200 | 12.757 | 17.663 | 29.078 | 1966.293 | 2286.753 | 1.185 | 1.555 | 508.571 | 1 | 14.696 |
| 9/28/2018 9:35 | 1942500 | 12.759 | 17.662 | 29.082 | 1966.355 | 2286.861 | 1.185 | 1.555 | 508.555 | 1 | 14.694 |
| 9/28/2018 9:40 | 1942800 | 12.761 | 17.663 | 29.087 | 1966.577 | 2287.097 | 1.185 | 1.555 | 508.498 | 1 | 14.692 |
| 9/28/2018 9:45 | 1943100 | 12.763 | 17.663 | 29.101 | 1966.977 | 2287.092 | 1.185 | 1.555 | 508.498 | 1 | 14.69 |
| 9 | | | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/28/2018 19:05 | 1976700 | 12.755 | 17.662 | 29.072 | 1964.007 | 2284.126 | 1.183 | 1.553 | 509.163 | 1 | 14.658 |
| 9/28/2018 19:10 | 1977000 | 12.753 | 17.663 | 29.068 | 1963.767 | 2283.816 | 1.183 | 1.553 | 509.225 | 1 | 14.659 |
| 9/28/2018 19:15 | 1977300 | 12.754 | 17.663 | 29.069 | 1963.285 | 2283.264 | 1.183 | 1.553 | 509.35 | 1 | 14.66 |
| 9/28/2018 19:20 | 1977600 | 12.754 | 17.662 | 29.07 | 1964.016 | 2284.131 | 1.183 | 1.553 | 509.161 | 1 | 14.66 |
| 9/28/2018 19:25 | 1977900 | 12.753 | 17.663 | 29.067 | 1963.14 | 2283.109 | 1.183 | 1.553 | 509.388 | 1 | 14.661 |
| 9/28/2018 19:30 | 1978200 | 12.753 | 17.663 | 29.068 | 1963.645 | 2283.678 | 1.183 | 1.553 | 509.257 | 1 | 14.661 |
| 9/28/2018 19:35 | 1978500 | 12.753 | 17.662 | 29.068 | 1963.608 | 2283.666 | 1.183 | 1.553 | 509.267 | 1 | 14.66 |
| 9/28/2018 19:40 | 1978800 | 12.756 | 17.662 | 29.076 | 1963.732 | 2283.802 | 1.183 | 1.553 | 509.234 | 1 | 14.658 |
| 9/28/2018 19:45 | 1979100 | 12.758 | 17.663 | 29.079 | 1963.735 | 2283.792 | 1.183 | 1.553 | 509.234 | 1 | 14.657 |
| 9/28/2018 19:50 | 1979400 | 12.757 | 17.663 | 29.076 | 1963.058 | 2283.005 | 1.183 | 1.552 | 509.409 | 1 | 14.659 |
| 9/28/2018 19:55 | 1979700 | 12.755 | 17.663 | 29.074 | 1963.012 | 2283.62 | 1.183 | 1.553 | 509.266 | 1 | 14.662 |
| 9/28/2018 20:00 | 1980000 | 12.752 | 17.662 | 29.065 | 1963.293 | 2283.299 | 1.183 | 1.553 | 509.348 | 1 | 14.664 |
| 9/28/2018 20:05 | 1980300 | 12.754 | 17.662 | 29.069 | 1963.412 | 2283.43 | 1.183 | 1.553 | 509.317 | 1 | 14.664 |
| 9/28/2018 20:10 | 1980600 | 12.753 | 17.663 | 29.069 | 1963.275 | 2283.252 | 1.183 | 1.553 | 509.353 | 1 | 14.663 |
| 9/28/2018 20:15 | 1980900 | 12.755 | 17.663 | 29.073 | 1962.848 | 2282.755 | 1.183 | 1.552 | 509.464 | 1 | 14.662 |
| 9/28/2018 20:20 | 1981200 | 12.755 | 17.663 | 29.072 | 1963.354 | 2283.358 | 1.183 | 1.553 | 509.332 | 1 | 14.664 |
| 9/28/2018 20:25 | 1981500 | 12.754 | 17.663 | 29.071 | 1963.328 | 2283.301 | 1.183 | 1.553 | 509.339 | 1 | 14.665 |
| 9/28/2018 20:30 | 1981800 | 12.754 | 17.663 | 29.07 | 1963.05 | 2283.003 | 1.183 | 1.552 | 509.411 | 1 | 14.666 |
| 9/28/2018 20:35 | 1982100 | 12.753 | 17.663 | 29.068 | 1962.941 | 2282.872 | 1.183 | 1.552 | 509.44 | 1 | 14.667 |
| 9/28/2018 20:40 | 1982400 | 12.753 | 17.663 | 29.068 | 1962.029 | 2282.5 | 1.182 | 1.552 | 509.521 | 1 | 14.668 |
| 9/28/2018 20:45 | 1982700 | 12.752 | 17.663 | 29.066 | 1963.325 | 2283.31 | 1.183 | 1.553 | 509.34 | 1 | 14.67 |
| 9/28/2018 20:50 | 1983000 | 12.752 | 17.663 | 29.065 | 1963.043 | 2282.995 | 1.183 | 1.552 | 509.413 | 1 | 14.669 |
| 9/28/2018 20:55 | 1983300 | 12.754 | 17.662 | 29.07 | 1962.891 | 2282.823 | 1.183 | 1.552 | 509.453 | 1 | 14.669 |
| 9/28/2018 21:00 | 1983600 | 12.755 | 17.663 | 29.072 | 1962.9 | 2282.799 | 1.183 | 1.552 | 509.45 | 1 | 14.668 |
| 9/28/2018 21:05 | 1983900 | 12.755 | 17.663 | 29.072 | 1962.683 | 2282.568 | 1.182 | 1.552 | 509.507 | 1 | 14.668 |
| 9/28/2018 21:10 | 1984200 | 12.755 | 17.663 | 29.073 | 1962.662 | 2282.553 | 1.182 | 1.552 | 509.512 | 1 | 14.667 |
| 9/28/2018 21:15 | 1984500 | 12.754 | 17.663 | 29.071 | 1962.479 | 2282.34 | 1.182 | 1.552 | 509.56 | 1 | 14.667 |
| 9/28/2018 21:20 | 1984800 | 12.754 | 17.663 | 29.071 | 1962.306 | 2282.134 | 1.182 | 1.552 | 509.604 | 1 | 14.669 |
| 9/28/2018 21:25 | 1985100 | 12.753 | 17.662 | 29.067 | 1962.849 | 2282.783 | 1.183 | 1.552 | 509.463 | 1 | 14.67 |
| 9/28/2018 21:30 | 1985400 | 12.75 | 17.662 | 29.06 | 1962.446 | 2282.305 | 1.182 | 1.552 | 509.568 | 1 | 14.672 |
| 9/28/2018 21:35 | 1985700 | 12.754 | 17.663 | 29.065 | 1962.818 | 2282.729 | 1.183 | 1.552 | 509.472 | 1 | 14.67 |
| 9/28/2018 21:40 | 1986000 | 12.756 | 17.663 | 29.075 | 1962.869 | 2282.776 | 1.183 | 1.552 | 509.458 | 1 | 14.666 |
| 9/28/2018 21:45 | 1986300 | 12.76 | 17.663 | 29.083 | 1962.427 | 2282.279 | 1.182 | 1.552 | 509.573 | 1 | 14.663 |
| 9/28/2018 21:50 | 1986600 | 12.757 | 17.663 | 29.077 | 1962.598 | 2282.469 | 1.182 | 1.552 | 509.529 | 1 | 14.665 |
| 9/28/2018 21:55 | 1986900 | 12.757 | 17.663 | 29.076 | 1962.89 | 2282.813 | 1.183 | 1.552 | 509.453 | 1 | 14.666 |
| 9/28/2018 22:00 | 1987200 | 12.755 | 17.663 | 29.072 | 1962.131 | 2281.904 | 1.182 | 1.552 | 509.65 | 1 | 14.668 |
| 9/28/2018 22:05 | 1987500 | 12.752 | 17.663 | 29.067 | 1962.057 | 2281.841 | 1.182 | 1.552 | 509.669 | 1 | 14.669 |
| 9/28/2018 22:10 | 1987800 | 12.751 | 17.663 | 29.064 | 1962.356 | 2282.188 | 1.182 | 1.552 | 509.592 | 1 | 14.67 |
| 9/28/2018 22:15 | 1988100 | 12.751 | 17.663 | 29.064 | 1962.594 | 2282.465 | 1.182 | 1.552 | 509.53 | 1 | 14.67 |
| 9/28/2018 22:20 | 1988400 | 12.751 | 17.663 | 29.064 | 1961.841 | 2281.58 | 1.182 | 1.551 | 509.725 | 1 | 14.67 |
| 9/28/2018 22:25 | 1988700 | 12.753 | 17.663 | 29.068 | 1962.349 | 2282.188 | 1.182 | 1.552 | 509.593 | 1 | 14.669 |
| 9/28/2018 22:30 | 1989000 | 12.754 | 17.662 | 29.071 | 1962.145 | 2281.96 | 1.182 | 1.552 | 509.646 | 1 | 14.668 |
| 9/28/2018 22:35 | 1989300 | 12.753 | 17.663 | 29.069 | 1962.104 | 2281.904 | 1.182 | 1.552 | 509.657 | 1 | 14.67 |
| 9/28/2018 22:40 | 1989600 | 12.751 | 17.662 | 29.065 | 1961.636 | 2281.368 | 1.182 | 1.551 | 509.779 | 1 | 14.672 |
| 9/28/2018 22:45 | 1989900 | 12.751 | 17.662 | 29.064 | 1962.222 | 2282.046 | 1.182 | 1.552 | 509.626 | 1 | 14.675 |
| 9/28/2018 22:50 | 1990200 | 12.754 | 17.663 | 29.07 | 1962.583 | 2282.452 | 1.182 | 1.552 | 509.533 | 1 | 14.674 |
| 9/28/2018 22:55 | 1990500 | 12.755 | 17.663 | 29.073 | 1962.112 | 2281.905 | 1.182 | 1.552 | 509.655 | 1 | 14.673 |
| 9/28/2018 23:00 | 1990800 | 12.757 | 17.662 | 29.076 | 1962.068 | 2281.871 | 1.182 | 1.552 | 509.666 | 1 | 14.672 |
| 9/28/2018 23:05 | 1991100 | 12.755 | 17.663 | 29.073 | 1961.87 | 2281.627 | 1.182 | 1.552 | 509.718 | 1 | 14.675 |
| 9/28/2018 23:10 | 1991400 | 12.752 | 17.663 | 29.067 | 1961.822 | 2281.571 | 1.182 | 1.551 | 509.73 | 1 | 14.677 |
| 9/28/2018 23:15 | 1991700 | 12.75 | 17.663 | 29.062 | 1961.919 | 2281.68 | 1.182 | 1.552 | 509.705 | 1 | 14.68 |
| 9/28/2018 23:20 | 1992000 | 12.755 | 17.663 | 29.073 | 1962.567 | 2282.42 | 1.182 | 1.552 | 509.537 | 1 | 14.675 |
| 9/28/2018 23:25 | 1992300 | 12.761 | 17.663 | 29.086 | 1961.966 | 2281.738 | 1.182 | 1.552 | 509.693 | 1 | 14.67 |
| 9/28/2018 23:30 | 1992600 | 12.765 | 17.663 | 29.096 | 1961.979 | 2281.74 | 1.182 | 1.552 | 509.689 | 1 | 14.665 |
| 9/28/2018 23:35 | 1992900 | 12.764 | 17.663 | 29.092 | 1962.419 | 2282.262 | 1.182 | 1.552 | 509.575 | 1 | 14.666 |
| 9/28/2018 23:40 | 1993200 | 12.762 | 17.663 | 29.089 | 1962.191 | 2281.991 | 1.182 | 1.552 | 509.634 | 1 | 14.668 |
| 9/28/2018 23:45 | 1993500 | 12.763 | 17.663 | 29.091 | 1962.547 | 2282.392 | 1.182 | 1.552 | 509.542 | 1 | 14.669 |
| 9/28/2018 23:50 | 1993800 | 12.76 | 17.663 | 29.084 | 1962.382 | 2282.029 | 1.182 | 1.552 | 509.585 | 1 | 14.671 |
| 9/28/2018 23:55 | 1994100 | 12.759 | 17.663 | 29.082 | 1962.501 | 2282.348 | 1.182 | 1.552 | 509.554 | 1 | 14.672 |
| 9/29/2018 0:00 | 1994400 | 12.757 | 17.663 | 29.078 | 1962.671 | 2282.532 | 1.182 | 1.552 | 509.51 | 1 | 14.674 |
| 9/29/2018 0:05 | 1994700 | 12.755 | 17.663 | 29.072 | 1962.749 | 2282.619 | 1.182 | 1.552 | 509.489 | 1 | 14.676 |
| 9/29/2018 0:10 | 1995000 | 12.753 | 17.663 | 29.068 | 1963.06 | 2282.979 | 1.183 | 1.552 | 509.409 | 1 | 14.678 |
| 9/29/2018 0:15 | 1995300 | 12.75 | 17.663 | 29.062 | 1963.327 | 2283.281 | 1.183 | 1.553 | 509.34 | 1 | 14.68 |
| 9/29/2018 0:20 | 1995600 | 12.753 | 17.663 | 29.067 | 1963.272 | 2283.232 | 1.183 | 1.553 | 509.354 | 1 | 14.678 |
| 9/29/2018 0:25 | 1995900 | 12.753 | 17.663 | 29.068 | 1963.423 | 2283.424 | 1.183 | 1.553 | 509.315 | 1 | 14.677 |
| 9/29/2018 0:30 | 1996200 | 12.756 | 17.663 | 29.075 | 1963.568 | 2283.588 | 1.183 | 1.553 | 509.277 | 1 | 14.675 |
| 9/29/2018 0:35 | 1996500 | 12.759 | 17.663 | 29.076 | 1963.329 | 2283.53 | 1.183 | 1.553 | 509.287 | 1 | 14.674 |
| 9/29/2018 0:40 | 1996800 | 12.758 | 17.663 | 29.08 | 1963.85 | 2283.886 | 1.183 | 1.553 | 509.204 | 1 | 14.673 |
| 9/29/2018 0:45 | 1997100 | 12.759 | 17.664 | 29.083 | 1963.748 | 2283.762 | 1.183 | 1.553 | 509.23 | 1 | 14.672 |
| 9/29/2018 0:50 | 1997400 | 12.758 | 17.663 | 29.079 | 1964.085 | 2284.159 | 1.183 | 1.553 | 509.143 | 1 | 14.673 |
| 9/29/2018 0:55 | 1997700 | 12.757 | 17.663 | 29.077 | 1963.551 | 2283.547 | 1.183 | 1.553 | 509.281 | 1 | 14.673 |
| 9/29/2018 1:00 | 1998000 | 12.755 | 17.663 | 29.073 | 1963.838 | 2283.88 | 1.183 | 1.553 | 509.207 | 1 | 14.674 |
| 9/29/2018 1:05 | 1998300 | 12.756 | 17.663 | 29.074 | 1964.267 | 2284.383 | 1.183 | 1.553 | 509.096 | 1 | 14.674 |
| 9/29/2018 1:10 | 1998600 | 12.756 | 17.664 | 29.075 | 1964.103 | 2284.166 | 1.183 | 1.553 | 509.138 | 1 | 14.674 |
| 9/29/2018 1:15 | 1998900 | 12.755 | 17.663 | 29.073 | 1964.072 | 2284.143 | 1.183 | 1.553 | 509.146 | 1 | 14.675 |
| 9/29/2018 1:20 | 1999200 | 12.757 | 17.663 | 29.077 | 1964.382 | 2284.508 | 1.184 | 1.553 | 509.066 | 1 | 14.674 |
| 9/29/2018 1:25 | 1999500 | 12.759 | 17.663 | 29.082 | 1964.656 | 2284.814 | 1.184 | 1.554 | 508.995 | 1 | 14.673 |
| 9/29/2018 1:30 | 1999800 | 12.761 | 17.663 | 29.085 | 1964.883 | 2285.096 | 1.184 | 1.554 | 508.936 | 1 | 14.672 |
| 9/29/2018 1:35 | 2000100 | 12.759 | 17.663 | 29.081 | 1965.211 | 2285.5 | 1.184 | 1.554 | 508.851 | 1 | 14.673 |
| 9/29/2018 1:40 | 2000400 | 12.755 | 17.664 | 29.073 | 1964.974 | 2285.179 | 1.184 | 1.554 | 508.913 | 1 | 14.675 |
| 9/29/2018 1:45 | 2000700 | 12.755 | 17.663 | 29.073 | 1965.317 | 2285.609 | 1.184 | 1.554 | 508.824 | 1 | 14.677 |
| 9/29/2018 1:50 | 2001000 | 12.757 | 17.663 | 29.077 | 1965.018 | 2285.253 | 1.184 | 1.554 | 508.901 | 1 | 14.676 |
| 9/29/2018 1:55 | 2001300 | 12.759 | 17.663 | 29.082 | 1964.984 | 2285.217 | 1.184 | 1.554 | 508.91 | 1 | 14.676 |
| 9/29/2018 2:00 | 2001600 | 12.76 | 17.664 | 29.084 | 1965.707 | 2286.027 | 1.184 | 1.554 | 508.723 | 1 | 14.675 |
| 9/29/2018 2:05 | 2001900 | 12.76 | 17.664 | 29.085 | 1965.454 | 2285.742 | 1.184 | 1.554 | 508.788 | 1 | 14.674 |
| 9/29/2018 2:10 | 2002200 | 12.763 | 17.663 | 29.09 | 1965.754 | 2286.108 | 1.184 | 1.554 | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/29/2018 11:30 | 2035800 | 12.78 | 17.662 | 29.13 | 1969.486 | 2290.506 | 1.187 | 1.558 | 507.747 | 1 | 14.696 |
| 9/29/2018 11:35 | 2036100 | 12.781 | 17.663 | 29.131 | 1968.849 | 2289.743 | 1.186 | 1.557 | 507.911 | 1 | 14.695 |
| 9/29/2018 11:40 | 2036400 | 12.781 | 17.662 | 29.132 | 1968.871 | 2289.809 | 1.186 | 1.557 | 507.905 | 1 | 14.695 |
| 9/29/2018 11:45 | 2036700 | 12.78 | 17.662 | 29.129 | 1968.958 | 2289.892 | 1.186 | 1.557 | 507.883 | 1 | 14.694 |
| 9/29/2018 11:50 | 2037000 | 12.78 | 17.662 | 29.128 | 1968.788 | 2289.686 | 1.186 | 1.557 | 507.927 | 1 | 14.695 |
| 9/29/2018 11:55 | 2037300 | 12.777 | 17.662 | 29.122 | 1968.539 | 2289.405 | 1.186 | 1.557 | 507.991 | 1 | 14.695 |
| 9/29/2018 12:00 | 2037600 | 12.776 | 17.662 | 29.121 | 1969.044 | 2289.997 | 1.187 | 1.557 | 507.861 | 1 | 14.696 |
| 9/29/2018 12:05 | 2037900 | 12.778 | 17.663 | 29.124 | 1969.196 | 2290.134 | 1.187 | 1.557 | 507.822 | 1 | 14.695 |
| 9/29/2018 12:10 | 2038200 | 12.78 | 17.662 | 29.129 | 1968.615 | 2289.494 | 1.186 | 1.557 | 507.971 | 1 | 14.694 |
| 9/29/2018 12:15 | 2038500 | 12.778 | 17.662 | 29.129 | 1968.446 | 2289.284 | 1.186 | 1.557 | 508.015 | 1 | 14.692 |
| 9/29/2018 12:20 | 2038800 | 12.777 | 17.662 | 29.124 | 1968.463 | 2289.312 | 1.186 | 1.557 | 508.011 | 1 | 14.692 |
| 9/29/2018 12:25 | 2039100 | 12.777 | 17.662 | 29.124 | 1968.127 | 2288.944 | 1.186 | 1.556 | 508.097 | 1 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 12.778 | 17.662 | 29.124 | 1968.252 | 2289.072 | 1.186 | 1.557 | 508.065 | 1 | 14.691 |
| 9/29/2018 12:35 | 2039700 | 12.774 | 17.662 | 29.115 | 1968.107 | 2288.907 | 1.186 | 1.556 | 508.102 | 1 | 14.694 |
| 9/29/2018 12:40 | 2040000 | 12.772 | 17.662 | 29.112 | 1968.772 | 2289.667 | 1.186 | 1.557 | 507.931 | 1 | 14.697 |
| 9/29/2018 12:45 | 2040300 | 12.768 | 17.662 | 29.103 | 1968.143 | 2288.936 | 1.186 | 1.556 | 508.093 | 1 | 14.699 |
| 9/29/2018 12:50 | 2040600 | 12.772 | 17.663 | 29.111 | 1968.218 | 2289.009 | 1.186 | 1.557 | 508.074 | 1 | 14.696 |
| 9/29/2018 12:55 | 2040900 | 12.775 | 17.662 | 29.118 | 1968.382 | 2289.218 | 1.186 | 1.557 | 508.031 | 1 | 14.693 |
| 9/29/2018 13:00 | 2041200 | 12.778 | 17.662 | 29.124 | 1967.816 | 2288.56 | 1.186 | 1.556 | 508.177 | 1 | 14.69 |
| 9/29/2018 13:05 | 2041500 | 12.779 | 17.662 | 29.127 | 1968.186 | 2289.008 | 1.186 | 1.557 | 508.082 | 1 | 14.689 |
| 9/29/2018 13:10 | 2041800 | 12.779 | 17.662 | 29.127 | 1968.119 | 2288.921 | 1.186 | 1.556 | 508.099 | 1 | 14.688 |
| 9/29/2018 13:15 | 2042100 | 12.779 | 17.663 | 29.127 | 1967.947 | 2288.69 | 1.186 | 1.556 | 508.144 | 1 | 14.687 |
| 9/29/2018 13:20 | 2042400 | 12.779 | 17.662 | 29.128 | 1967.935 | 2288.698 | 1.186 | 1.556 | 508.147 | 1 | 14.687 |
| 9/29/2018 13:25 | 2042700 | 12.779 | 17.662 | 29.128 | 1967.79 | 2288.538 | 1.186 | 1.556 | 508.184 | 1 | 14.686 |
| 9/29/2018 13:30 | 2043000 | 12.78 | 17.663 | 29.13 | 1968.179 | 2288.965 | 1.186 | 1.556 | 508.084 | 1 | 14.686 |
| 9/29/2018 13:35 | 2043300 | 12.78 | 17.662 | 29.129 | 1967.743 | 2288.475 | 1.186 | 1.556 | 508.196 | 1 | 14.687 |
| 9/29/2018 13:40 | 2043600 | 12.777 | 17.662 | 29.124 | 1967.585 | 2288.295 | 1.186 | 1.556 | 508.237 | 1 | 14.689 |
| 9/29/2018 13:45 | 2043900 | 12.777 | 17.663 | 29.122 | 1967.993 | 2288.753 | 1.186 | 1.556 | 508.132 | 1 | 14.69 |
| 9/29/2018 13:50 | 2044200 | 12.776 | 17.662 | 29.121 | 1967.662 | 2288.372 | 1.186 | 1.556 | 508.217 | 1 | 14.689 |
| 9/29/2018 13:55 | 2044500 | 12.779 | 17.662 | 29.127 | 1967.894 | 2288.65 | 1.186 | 1.556 | 508.158 | 1 | 14.687 |
| 9/29/2018 14:00 | 2044800 | 12.779 | 17.662 | 29.126 | 1967.806 | 2288.552 | 1.186 | 1.556 | 508.18 | 1 | 14.686 |
| 9/29/2018 14:05 | 2045100 | 12.777 | 17.663 | 29.122 | 1968.082 | 2288.855 | 1.186 | 1.556 | 508.109 | 1 | 14.686 |
| 9/29/2018 14:10 | 2045400 | 12.776 | 17.662 | 29.121 | 1967.551 | 2288.242 | 1.186 | 1.556 | 508.246 | 1 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 12.777 | 17.662 | 29.122 | 1967.319 | 2288.004 | 1.185 | 1.556 | 508.306 | 1 | 14.686 |
| 9/29/2018 14:20 | 2046000 | 12.777 | 17.663 | 29.123 | 1967.836 | 2288.57 | 1.186 | 1.556 | 508.173 | 1 | 14.686 |
| 9/29/2018 14:25 | 2046300 | 12.779 | 17.662 | 29.127 | 1967.002 | 2287.622 | 1.185 | 1.556 | 508.388 | 1 | 14.685 |
| 9/29/2018 14:30 | 2046600 | 12.78 | 17.662 | 29.129 | 1967.104 | 2287.732 | 1.185 | 1.556 | 508.361 | 1 | 14.684 |
| 9/29/2018 14:35 | 2046900 | 12.779 | 17.663 | 29.128 | 1967.06 | 2287.663 | 1.185 | 1.556 | 508.373 | 1 | 14.685 |
| 9/29/2018 14:40 | 2047200 | 12.78 | 17.662 | 29.129 | 1967.405 | 2288.087 | 1.185 | 1.556 | 508.284 | 1 | 14.685 |
| 9/29/2018 14:45 | 2047500 | 12.777 | 17.663 | 29.122 | 1967.547 | 2288.22 | 1.186 | 1.556 | 508.247 | 1 | 14.686 |
| 9/29/2018 14:50 | 2047800 | 12.778 | 17.662 | 29.126 | 1967.4 | 2288.071 | 1.185 | 1.556 | 508.285 | 1 | 14.684 |
| 9/29/2018 14:55 | 2048100 | 12.781 | 17.662 | 29.132 | 1967.457 | 2288.133 | 1.185 | 1.556 | 508.27 | 1 | 14.683 |
| 9/29/2018 15:00 | 2048400 | 12.783 | 17.662 | 29.135 | 1967.286 | 2287.935 | 1.185 | 1.556 | 508.314 | 1 | 14.681 |
| 9/29/2018 15:05 | 2048700 | 12.78 | 17.663 | 29.13 | 1967.288 | 2287.919 | 1.185 | 1.556 | 508.314 | 1 | 14.683 |
| 9/29/2018 15:10 | 2049000 | 12.779 | 17.662 | 29.127 | 1967.488 | 2288.188 | 1.186 | 1.556 | 508.262 | 1 | 14.685 |
| 9/29/2018 15:15 | 2049300 | 12.777 | 17.662 | 29.122 | 1967.308 | 2287.965 | 1.185 | 1.556 | 508.309 | 1 | 14.687 |
| 9/29/2018 15:20 | 2049600 | 12.78 | 17.663 | 29.129 | 1967.433 | 2288.096 | 1.185 | 1.556 | 508.277 | 1 | 14.686 |
| 9/29/2018 15:25 | 2049900 | 12.781 | 17.663 | 29.133 | 1968.106 | 2288.854 | 1.186 | 1.556 | 508.103 | 1 | 14.684 |
| 9/29/2018 15:30 | 2050200 | 12.783 | 17.663 | 29.136 | 1967.604 | 2288.3 | 1.186 | 1.556 | 508.232 | 1 | 14.683 |
| 9/29/2018 15:35 | 2050500 | 12.781 | 17.663 | 29.131 | 1967.664 | 2288.37 | 1.186 | 1.556 | 508.217 | 1 | 14.682 |
| 9/29/2018 15:40 | 2050800 | 12.783 | 17.662 | 29.136 | 1967.536 | 2288.225 | 1.186 | 1.556 | 508.25 | 1 | 14.681 |
| 9/29/2018 15:45 | 2051100 | 12.781 | 17.663 | 29.132 | 1967.688 | 2288.398 | 1.186 | 1.556 | 508.211 | 1 | 14.68 |
| 9/29/2018 15:50 | 2051400 | 12.779 | 17.663 | 29.127 | 1968.208 | 2288.975 | 1.186 | 1.557 | 508.076 | 1 | 14.681 |
| 9/29/2018 15:55 | 2051700 | 12.778 | 17.663 | 29.125 | 1968.217 | 2289.004 | 1.186 | 1.557 | 508.074 | 1 | 14.683 |
| 9/29/2018 16:00 | 2052000 | 12.775 | 17.663 | 29.118 | 1968.412 | 2289.222 | 1.186 | 1.557 | 508.024 | 1 | 14.684 |
| 9/29/2018 16:05 | 2052300 | 12.781 | 17.663 | 29.132 | 1967.855 | 2288.578 | 1.186 | 1.556 | 508.168 | 1 | 14.681 |
| 9/29/2018 16:10 | 2052600 | 12.782 | 17.662 | 29.134 | 1968.119 | 2288.903 | 1.186 | 1.556 | 508.099 | 1 | 14.679 |
| 9/29/2018 16:15 | 2052900 | 12.785 | 17.663 | 29.142 | 1967.863 | 2289.187 | 1.186 | 1.557 | 508.031 | 1 | 14.676 |
| 9/29/2018 16:20 | 2053200 | 12.783 | 17.663 | 29.138 | 1968.191 | 2288.96 | 1.186 | 1.556 | 508.081 | 1 | 14.677 |
| 9/29/2018 16:25 | 2053500 | 12.784 | 17.663 | 29.139 | 1968.395 | 2289.207 | 1.186 | 1.557 | 508.028 | 1 | 14.678 |
| 9/29/2018 16:30 | 2053800 | 12.782 | 17.663 | 29.135 | 1968.644 | 2289.492 | 1.186 | 1.557 | 507.964 | 1 | 14.679 |
| 9/29/2018 16:35 | 2054100 | 12.781 | 17.663 | 29.132 | 1969.104 | 2290.036 | 1.187 | 1.557 | 507.845 | 1 | 14.681 |
| 9/29/2018 16:40 | 2054400 | 12.778 | 17.663 | 29.125 | 1968.876 | 2289.762 | 1.186 | 1.557 | 507.904 | 1 | 14.683 |
| 9/29/2018 16:45 | 2054700 | 12.775 | 17.663 | 29.119 | 1969.499 | 2290.495 | 1.187 | 1.558 | 507.743 | 1 | 14.686 |
| 9/29/2018 16:50 | 2055000 | 12.777 | 17.663 | 29.122 | 1970.028 | 2291.088 | 1.187 | 1.558 | 507.607 | 1 | 14.683 |
| 9/29/2018 16:55 | 2055300 | 12.778 | 17.663 | 29.124 | 1969.604 | 2290.591 | 1.187 | 1.558 | 507.716 | 1 | 14.68 |
| 9/29/2018 17:00 | 2055600 | 12.78 | 17.663 | 29.129 | 1970.287 | 2291.403 | 1.187 | 1.557 | 507.547 | 1 | 14.677 |
| 9/29/2018 17:05 | 2055900 | 12.78 | 17.663 | 29.13 | 1970.563 | 2291.724 | 1.187 | 1.558 | 507.469 | 1 | 14.677 |
| 9/29/2018 17:10 | 2056200 | 12.779 | 17.663 | 29.126 | 1970.738 | 2291.923 | 1.188 | 1.559 | 507.424 | 1 | 14.678 |
| 9/29/2018 17:15 | 2056500 | 12.779 | 17.663 | 29.128 | 1970.876 | 2292.083 | 1.188 | 1.559 | 507.389 | 1 | 14.678 |
| 9/29/2018 17:20 | 2056800 | 12.779 | 17.663 | 29.128 | 1971.258 | 2292.523 | 1.188 | 1.559 | 507.29 | 1 | 14.677 |
| 9/29/2018 17:25 | 2057100 | 12.781 | 17.663 | 29.133 | 1972.051 | 2293.454 | 1.188 | 1.56 | 507.086 | 1 | 14.676 |
| 9/29/2018 17:30 | 2057400 | 12.782 | 17.663 | 29.135 | 1971.961 | 2293.332 | 1.188 | 1.559 | 507.109 | 1 | 14.675 |
| 9/29/2018 17:35 | 2057700 | 12.786 | 17.663 | 29.143 | 1972.818 | 2294.342 | 1.189 | 1.56 | 506.889 | 1 | 14.673 |
| 9/29/2018 17:40 | 2058000 | 12.788 | 17.663 | 29.147 | 1972.693 | 2294.201 | 1.189 | 1.56 | 506.921 | 1 | 14.671 |
| 9/29/2018 17:45 | 2058300 | 12.791 | 17.663 | 29.155 | 1972.944 | 2294.501 | 1.189 | 1.56 | 506.857 | 1 | 14.668 |
| 9/29/2018 17:50 | 2058600 | 12.785 | 17.663 | 29.141 | 1973.66 | 2295.321 | 1.189 | 1.561 | 506.673 | 1 | 14.671 |
| 9/29/2018 17:55 | 2058900 | 12.787 | 17.663 | 29.145 | 1973.624 | 2295.28 | 1.189 | 1.561 | 506.682 | 1 | 14.674 |
| 9/29/2018 18:00 | 2059200 | 12.784 | 17.663 | 29.144 | 1974.45 | 2296.222 | 1.19 | 1.561 | 506.47 | 1 | 14.677 |
| 9/29/2018 18:05 | 2059500 | 12.787 | 17.663 | 29.146 | 1974.72 | 2296.545 | 1.19 | 1.562 | 506.401 | 1 | 14.675 |
| 9/29/2018 18:10 | 2059800 | 12.789 | 17.663 | 29.151 | 1974.737 | 2296.587 | 1.19 | 1.562 | 506.397 | 1 | 14.673 |
| 9/29/2018 18:15 | 2060100 | 12.79 | 17.663 | 29.152 | 1975.127 | 2297.019 | 1.19 | 1.562 | 506.297 | 1 | 14.671 |
| 9/29/2018 18:20 | 2060400 | 12.788 | 17.663 | 29.148 | 1975.665 | 2297.657 | 1.191 | 1.562 | 506.159 | 1 | 14.671 |
| 9/29/2018 18:25 | 2060700 | 12.787 | 17.663 | 29.146 | 1975.73 | 2297.728 | 1.191 | 1.562 | 506.142 | 1 | 14.672 |
| 9/29/2018 18:30 | 2061000 | 12.787 | 17.663 | 29.146 | 1976.479 | 2298.595 | 1.191 | 1.563 | 505.95 | 1 | 14.673 |
| 9/29/2018 18:35 | 2061300 | 12.785 | 17.663 | 29.145 | 1976. | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/30/2018 3:55 | 2094900 | 12.811 | 17.663 | 29.2 | 1997.892 | 2323.516 | 1.205 | 1.58 | 500.527 | 1 | 14.686 |
| 9/30/2018 4:00 | 2095200 | 12.812 | 17.663 | 29.201 | 1997.687 | 2323.272 | 1.205 | 1.58 | 500.579 | 1 | 14.684 |
| 9/30/2018 4:05 | 2095500 | 12.813 | 17.663 | 29.204 | 1997.884 | 2323.493 | 1.205 | 1.58 | 500.529 | 1 | 14.684 |
| 9/30/2018 4:10 | 2095800 | 12.811 | 17.663 | 29.201 | 1997.708 | 2323.297 | 1.205 | 1.58 | 500.574 | 1 | 14.685 |
| 9/30/2018 4:15 | 2096100 | 12.814 | 17.663 | 29.208 | 1998.049 | 2323.689 | 1.205 | 1.58 | 500.488 | 1 | 14.685 |
| 9/30/2018 4:20 | 2096400 | 12.812 | 17.663 | 29.201 | 1997.981 | 2323.606 | 1.205 | 1.58 | 500.505 | 1 | 14.687 |
| 9/30/2018 4:25 | 2096700 | 12.808 | 17.663 | 29.194 | 1998.094 | 2323.754 | 1.205 | 1.58 | 500.477 | 1 | 14.69 |
| 9/30/2018 4:30 | 2097000 | 12.806 | 17.663 | 29.188 | 1998.074 | 2323.718 | 1.205 | 1.58 | 500.482 | 1 | 14.692 |
| 9/30/2018 4:35 | 2097300 | 12.809 | 17.663 | 29.195 | 1998.619 | 2324.361 | 1.205 | 1.581 | 500.346 | 1 | 14.69 |
| 9/30/2018 4:40 | 2097600 | 12.809 | 17.663 | 29.195 | 1998.554 | 2324.057 | 1.205 | 1.58 | 500.412 | 1 | 14.688 |
| 9/30/2018 4:45 | 2097900 | 12.81 | 17.663 | 29.199 | 1998.563 | 2324.296 | 1.205 | 1.581 | 500.36 | 1 | 14.686 |
| 9/30/2018 4:50 | 2098200 | 12.811 | 17.663 | 29.2 | 1998.868 | 2324.629 | 1.205 | 1.581 | 500.283 | 1 | 14.686 |
| 9/30/2018 4:55 | 2098500 | 12.812 | 17.663 | 29.203 | 1998.974 | 2324.769 | 1.205 | 1.581 | 500.257 | 1 | 14.687 |
| 9/30/2018 5:00 | 2098800 | 12.812 | 17.662 | 29.204 | 1998.488 | 2324.222 | 1.205 | 1.58 | 500.378 | 1 | 14.687 |
| 9/30/2018 5:05 | 2099100 | 12.81 | 17.663 | 29.198 | 1999.246 | 2325.081 | 1.206 | 1.581 | 500.189 | 1 | 14.69 |
| 9/30/2018 5:10 | 2099400 | 12.806 | 17.663 | 29.189 | 1999.307 | 2325.143 | 1.206 | 1.581 | 500.173 | 1 | 14.693 |
| 9/30/2018 5:15 | 2099700 | 12.803 | 17.663 | 29.182 | 1999.15 | 2324.983 | 1.206 | 1.581 | 500.213 | 1 | 14.696 |
| 9/30/2018 5:20 | 2100000 | 12.806 | 17.663 | 29.19 | 1999.379 | 2325.236 | 1.206 | 1.581 | 500.155 | 1 | 14.695 |
| 9/30/2018 5:25 | 2100300 | 12.807 | 17.663 | 29.193 | 1999.188 | 2325.031 | 1.206 | 1.581 | 500.203 | 1 | 14.694 |
| 9/30/2018 5:30 | 2100600 | 12.808 | 17.663 | 29.199 | 1999.047 | 2324.85 | 1.206 | 1.581 | 500.238 | 1 | 14.693 |
| 9/30/2018 5:35 | 2100900 | 12.809 | 17.663 | 29.197 | 1999.108 | 2324.92 | 1.206 | 1.581 | 500.223 | 1 | 14.692 |
| 9/30/2018 5:40 | 2101200 | 12.811 | 17.663 | 29.201 | 1999.46 | 2325.33 | 1.206 | 1.581 | 500.135 | 1 | 14.691 |
| 9/30/2018 5:45 | 2101500 | 12.811 | 17.662 | 29.2 | 1999.845 | 2325.8 | 1.206 | 1.582 | 500.039 | 1 | 14.691 |
| 9/30/2018 5:50 | 2101800 | 12.812 | 17.662 | 29.203 | 1999.566 | 2325.485 | 1.206 | 1.581 | 500.109 | 1 | 14.691 |
| 9/30/2018 5:55 | 2102100 | 12.814 | 17.663 | 29.206 | 1999.323 | 2325.185 | 1.206 | 1.581 | 500.169 | 1 | 14.69 |
| 9/30/2018 6:00 | 2102400 | 12.813 | 17.663 | 29.204 | 1999.67 | 2325.587 | 1.206 | 1.581 | 500.083 | 1 | 14.69 |
| 9/30/2018 6:05 | 2102700 | 12.813 | 17.663 | 29.206 | 1999.873 | 2325.828 | 1.206 | 1.582 | 500.032 | 1 | 14.69 |
| 9/30/2018 6:10 | 2103000 | 12.813 | 17.663 | 29.206 | 2000.465 | 2326.494 | 1.206 | 1.582 | 499.884 | 1 | 14.69 |
| 9/30/2018 6:15 | 2103300 | 12.814 | 17.663 | 29.208 | 1999.85 | 2326.797 | 1.206 | 1.582 | 500.037 | 1 | 14.69 |
| 9/30/2018 6:20 | 2103600 | 12.813 | 17.663 | 29.205 | 1999.554 | 2325.9 | 1.206 | 1.582 | 500.012 | 1 | 14.69 |
| 9/30/2018 6:25 | 2103900 | 12.814 | 17.663 | 29.206 | 1999.909 | 2325.871 | 1.206 | 1.582 | 500.023 | 1 | 14.691 |
| 9/30/2018 6:30 | 2104200 | 12.813 | 17.663 | 29.204 | 2000.588 | 2326.642 | 1.207 | 1.582 | 499.853 | 1 | 14.692 |
| 9/30/2018 6:35 | 2104500 | 12.812 | 17.663 | 29.203 | 2000.173 | 2326.155 | 1.206 | 1.582 | 499.957 | 1 | 14.692 |
| 9/30/2018 6:40 | 2104800 | 12.813 | 17.663 | 29.206 | 2000.42 | 2326.456 | 1.206 | 1.582 | 499.855 | 1 | 14.691 |
| 9/30/2018 6:45 | 2105100 | 12.815 | 17.663 | 29.21 | 2000.179 | 2326.166 | 1.206 | 1.582 | 499.955 | 1 | 14.691 |
| 9/30/2018 6:50 | 2105400 | 12.815 | 17.663 | 29.21 | 2000.743 | 2326.827 | 1.207 | 1.582 | 499.814 | 1 | 14.692 |
| 9/30/2018 6:55 | 2105700 | 12.814 | 17.663 | 29.208 | 2000.545 | 2326.601 | 1.206 | 1.582 | 499.864 | 1 | 14.693 |
| 9/30/2018 7:00 | 2106000 | 12.816 | 17.663 | 29.212 | 2000.162 | 2326.15 | 1.206 | 1.582 | 499.96 | 1 | 14.693 |
| 9/30/2018 7:05 | 2106300 | 12.816 | 17.663 | 29.212 | 2000.601 | 2326.675 | 1.207 | 1.582 | 499.85 | 1 | 14.693 |
| 9/30/2018 7:10 | 2106600 | 12.819 | 17.663 | 29.218 | 2000.653 | 2326.722 | 1.207 | 1.582 | 499.837 | 1 | 14.692 |
| 9/30/2018 7:15 | 2106900 | 12.819 | 17.663 | 29.218 | 2000.764 | 2326.846 | 1.207 | 1.582 | 499.809 | 1 | 14.691 |
| 9/30/2018 7:20 | 2107200 | 12.819 | 17.663 | 29.218 | 2001.149 | 2327.313 | 1.207 | 1.583 | 499.713 | 1 | 14.692 |
| 9/30/2018 7:25 | 2107500 | 12.817 | 17.663 | 29.215 | 2000.949 | 2327.071 | 1.207 | 1.582 | 499.763 | 1 | 14.692 |
| 9/30/2018 7:30 | 2107800 | 12.819 | 17.663 | 29.219 | 2000.659 | 2326.742 | 1.207 | 1.582 | 499.835 | 1 | 14.693 |
| 9/30/2018 7:35 | 2108100 | 12.816 | 17.662 | 29.212 | 2001.105 | 2327.271 | 1.207 | 1.583 | 499.724 | 1 | 14.695 |
| 9/30/2018 7:40 | 2108400 | 12.815 | 17.662 | 29.21 | 2000.707 | 2326.802 | 1.207 | 1.582 | 499.823 | 1 | 14.698 |
| 9/30/2018 7:45 | 2108700 | 12.811 | 17.663 | 29.201 | 2001.342 | 2327.519 | 1.207 | 1.583 | 499.665 | 1 | 14.701 |
| 9/30/2018 7:50 | 2109000 | 12.813 | 17.663 | 29.204 | 2001.182 | 2327.343 | 1.207 | 1.583 | 499.705 | 1 | 14.7 |
| 9/30/2018 7:55 | 2109300 | 12.813 | 17.663 | 29.205 | 2001.719 | 2327.97 | 1.207 | 1.583 | 499.571 | 1 | 14.699 |
| 9/30/2018 8:00 | 2109600 | 12.814 | 17.663 | 29.207 | 2001.765 | 2328.015 | 1.207 | 1.583 | 499.559 | 1 | 14.698 |
| 9/30/2018 8:05 | 2109900 | 12.814 | 17.662 | 29.208 | 2001.826 | 2328.109 | 1.207 | 1.583 | 499.544 | 1 | 14.697 |
| 9/30/2018 8:10 | 2110200 | 12.814 | 17.662 | 29.207 | 2001.618 | 2327.867 | 1.207 | 1.583 | 499.596 | 1 | 14.697 |
| 9/30/2018 8:15 | 2110500 | 12.815 | 17.663 | 29.21 | 2001.51 | 2327.728 | 1.207 | 1.583 | 499.623 | 1 | 14.697 |
| 9/30/2018 8:20 | 2110800 | 12.815 | 17.662 | 29.209 | 2001.569 | 2327.81 | 1.207 | 1.583 | 499.608 | 1 | 14.697 |
| 9/30/2018 8:25 | 2111100 | 12.815 | 17.663 | 29.21 | 2001.829 | 2328.099 | 1.207 | 1.583 | 499.543 | 1 | 14.698 |
| 9/30/2018 8:30 | 2111400 | 12.816 | 17.663 | 29.212 | 2001.808 | 2328.061 | 1.207 | 1.583 | 499.548 | 1 | 14.698 |
| 9/30/2018 8:35 | 2111700 | 12.816 | 17.663 | 29.212 | 2002.145 | 2328.471 | 1.208 | 1.583 | 499.464 | 1 | 14.697 |
| 9/30/2018 8:40 | 2112000 | 12.818 | 17.663 | 29.215 | 2002.104 | 2328.418 | 1.207 | 1.583 | 499.475 | 1 | 14.696 |
| 9/30/2018 8:45 | 2112300 | 12.819 | 17.663 | 29.219 | 2002.463 | 2328.836 | 1.208 | 1.584 | 499.385 | 1 | 14.695 |
| 9/30/2018 8:50 | 2112600 | 12.818 | 17.663 | 29.217 | 2001.93 | 2328.193 | 1.207 | 1.583 | 499.518 | 1 | 14.695 |
| 9/30/2018 8:55 | 2112900 | 12.818 | 17.663 | 29.216 | 2002.494 | 2328.872 | 1.208 | 1.584 | 499.377 | 1 | 14.695 |
| 9/30/2018 9:00 | 2113200 | 12.819 | 17.663 | 29.217 | 2002.064 | 2328.367 | 1.207 | 1.583 | 499.485 | 1 | 14.696 |
| 9/30/2018 9:05 | 2113500 | 12.819 | 17.662 | 29.218 | 2002.098 | 2328.42 | 1.207 | 1.583 | 499.476 | 1 | 14.696 |
| 9/30/2018 9:10 | 2113800 | 12.818 | 17.663 | 29.215 | 2002.635 | 2329.028 | 1.208 | 1.584 | 499.342 | 1 | 14.696 |
| 9/30/2018 9:15 | 2114100 | 12.817 | 17.663 | 29.213 | 2002.264 | 2328.591 | 1.208 | 1.583 | 499.435 | 1 | 14.697 |
| 9/30/2018 9:20 | 2114400 | 12.818 | 17.663 | 29.217 | 2002.38 | 2328.736 | 1.208 | 1.584 | 499.406 | 1 | 14.696 |
| 9/30/2018 9:25 | 2114700 | 12.819 | 17.663 | 29.218 | 2002.548 | 2328.94 | 1.208 | 1.584 | 499.364 | 1 | 14.695 |
| 9/30/2018 9:30 | 2115000 | 12.821 | 17.663 | 29.223 | 2002.466 | 2328.845 | 1.208 | 1.584 | 499.384 | 1 | 14.694 |
| 9/30/2018 9:35 | 2115300 | 12.82 | 17.662 | 29.221 | 2002.708 | 2329.135 | 1.208 | 1.584 | 499.324 | 1 | 14.695 |
| 9/30/2018 9:40 | 2115600 | 12.821 | 17.663 | 29.224 | 2002.307 | 2328.659 | 1.208 | 1.583 | 499.424 | 1 | 14.695 |
| 9/30/2018 9:45 | 2115900 | 12.82 | 17.663 | 29.221 | 2002.452 | 2328.814 | 1.208 | 1.584 | 499.388 | 1 | 14.696 |
| 9/30/2018 9:50 | 2116200 | 12.821 | 17.663 | 29.224 | 2002.616 | 2329.019 | 1.208 | 1.584 | 499.347 | 1 | 14.694 |
| 9/30/2018 9:55 | 2116500 | 12.823 | 17.662 | 29.228 | 2002.77 | 2329.22 | 1.208 | 1.584 | 499.308 | 1 | 14.692 |
| 9/30/2018 10:00 | 2116800 | 12.825 | 17.663 | 29.233 | 2002.632 | 2329.033 | 1.208 | 1.584 | 499.343 | 1 | 14.689 |
| 9/30/2018 10:05 | 2117100 | 12.825 | 17.663 | 29.233 | 2002.703 | 2329.097 | 1.208 | 1.584 | 499.325 | 1 | 14.69 |
| 9/30/2018 10:10 | 2117400 | 12.825 | 17.662 | 29.231 | 2003.195 | 2329.701 | 1.208 | 1.584 | 499.203 | 1 | 14.691 |
| 9/30/2018 10:15 | 2117700 | 12.824 | 17.663 | 29.231 | 2002.731 | 2329.164 | 1.208 | 1.584 | 499.318 | 1 | 14.693 |
| 9/30/2018 10:20 | 2118000 | 12.825 | 17.663 | 29.231 | 2002.706 | 2329.105 | 1.208 | 1.584 | 499.324 | 1 | 14.693 |
| 9/30/2018 10:25 | 2118300 | 12.823 | 17.662 | 29.226 | 2002.852 | 2329.302 | 1.208 | 1.584 | 499.288 | 1 | 14.693 |
| 9/30/2018 10:30 | 2118600 | 12.821 | 17.662 | 29.223 | 2002.841 | 2329.284 | 1.208 | 1.584 | 499.291 | 1 | 14.694 |
| 9/30/2018 10:35 | 2118900 | 12.819 | 17.663 | 29.219 | 2002.986 | 2329.421 | 1.208 | 1.584 | 499.255 | 1 | 14.695 |
| 9/30/2018 10:40 | 2119200 | 12.819 | 17.663 | 29.222 | 2002.693 | 2329.104 | 1.208 | 1.584 | 499.328 | 1 | 14.695 |
| 9/30/2018 10:45 | 2119500 | 12.819 | 17.663 | 29.218 | 2003.35 | 2329.859 | 1.208 | 1.584 | 499.164 | 1 | 14.696 |
| 9/30/2018 10:50 | 2119800 | 12.817 | 17.663 | 29.214 | 2003.116 | 2329.596 | 1.208 | 1.584 | 499.222 | 1 | 14.695 |
| 9/30/2018 10:55 | 2120100 | 12.818 | 17.662 | 29.216 | 2003.089 | 2329.573 | 1.208 | 1.584 | 499.229 | 1 | 14.695 |
| 9/30/2018 11:00 | 2120400 | 12.818 | 17.663 | 29.217 | 2003.292 | 2329.8 | 1.208 | 1.584 | 499.178 | 1 | 14.694 |
| 9/30/2018 1 | | | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 9/30/2018 20:20 | 2154000 | 12.847 | 17.663 | 29.282 | 2006.313 | 2333.304 | 1.21 | 1.587 | 498.427 | 1 | 14.666 |
| 9/30/2018 20:25 | 2154300 | 12.843 | 17.662 | 29.274 | 2006.202 | 2333.194 | 1.21 | 1.587 | 498.454 | 1 | 14.669 |
| 9/30/2018 20:30 | 2154600 | 12.841 | 17.662 | 29.269 | 2006.506 | 2333.552 | 1.21 | 1.587 | 498.379 | 1 | 14.672 |
| 9/30/2018 20:35 | 2154900 | 12.841 | 17.663 | 29.27 | 2006.177 | 2333.146 | 1.21 | 1.587 | 498.46 | 1 | 14.671 |
| 9/30/2018 20:40 | 2155200 | 12.842 | 17.662 | 29.271 | 2006.067 | 2333.041 | 1.21 | 1.586 | 498.488 | 1 | 14.671 |
| 9/30/2018 20:45 | 2155500 | 12.844 | 17.662 | 29.276 | 2006.789 | 2333.876 | 1.21 | 1.587 | 498.309 | 1 | 14.67 |
| 9/30/2018 20:50 | 2155800 | 12.844 | 17.662 | 29.275 | 2006.92 | 2334.033 | 1.211 | 1.587 | 498.276 | 1 | 14.671 |
| 9/30/2018 20:55 | 2156100 | 12.842 | 17.663 | 29.271 | 2006.923 | 2334.019 | 1.211 | 1.587 | 498.275 | 1 | 14.672 |
| 9/30/2018 21:00 | 2156400 | 12.843 | 17.663 | 29.273 | 2006.872 | 2333.963 | 1.21 | 1.587 | 498.288 | 1 | 14.673 |
| 9/30/2018 21:05 | 2156700 | 12.84 | 17.662 | 29.266 | 2006.252 | 2333.614 | 1.21 | 1.587 | 498.367 | 1 | 14.675 |
| 9/30/2018 21:10 | 2157000 | 12.838 | 17.663 | 29.261 | 2006.362 | 2333.367 | 1.21 | 1.587 | 498.414 | 1 | 14.676 |
| 9/30/2018 21:15 | 2157300 | 12.834 | 17.663 | 29.254 | 2006.519 | 2333.549 | 1.21 | 1.587 | 498.376 | 1 | 14.678 |
| 9/30/2018 21:20 | 2157600 | 12.835 | 17.663 | 29.256 | 2007.067 | 2334.186 | 1.211 | 1.587 | 498.24 | 1 | 14.676 |
| 9/30/2018 21:25 | 2157900 | 12.836 | 17.662 | 29.258 | 2006.591 | 2333.65 | 1.21 | 1.587 | 498.358 | 1 | 14.675 |
| 9/30/2018 21:30 | 2158200 | 12.838 | 17.663 | 29.262 | 2006.608 | 2333.656 | 1.21 | 1.587 | 498.353 | 1 | 14.673 |
| 9/30/2018 21:35 | 2158500 | 12.839 | 17.663 | 29.263 | 2006.683 | 2333.712 | 1.21 | 1.587 | 498.335 | 1 | 14.673 |
| 9/30/2018 21:40 | 2158800 | 12.839 | 17.663 | 29.263 | 2006.273 | 2333.263 | 1.21 | 1.587 | 498.437 | 1 | 14.673 |
| 9/30/2018 21:45 | 2159100 | 12.839 | 17.663 | 29.265 | 2006.979 | 2334.084 | 1.211 | 1.587 | 498.261 | 1 | 14.673 |
| 9/30/2018 21:50 | 2159400 | 12.839 | 17.663 | 29.264 | 2006.824 | 2333.898 | 1.21 | 1.587 | 498.3 | 1 | 14.673 |
| 9/30/2018 21:55 | 2159700 | 12.84 | 17.663 | 29.267 | 2006.444 | 2333.47 | 1.21 | 1.587 | 498.394 | 1 | 14.674 |
| 9/30/2018 22:00 | 2160000 | 12.84 | 17.663 | 29.266 | 2006.244 | 2333.229 | 1.21 | 1.587 | 498.444 | 1 | 14.674 |
| 9/30/2018 22:05 | 2160300 | 12.841 | 17.662 | 29.268 | 2006.217 | 2333.216 | 1.21 | 1.587 | 498.451 | 1 | 14.673 |
| 9/30/2018 22:10 | 2160600 | 12.842 | 17.663 | 29.27 | 2006.724 | 2333.796 | 1.21 | 1.587 | 498.325 | 1 | 14.671 |
| 9/30/2018 22:15 | 2160900 | 12.845 | 17.662 | 29.278 | 2006.393 | 2333.42 | 1.21 | 1.587 | 498.407 | 1 | 14.67 |
| 9/30/2018 22:20 | 2161200 | 12.843 | 17.662 | 29.274 | 2006.546 | 2333.598 | 1.21 | 1.587 | 498.369 | 1 | 14.669 |
| 9/30/2018 22:25 | 2161500 | 12.842 | 17.662 | 29.271 | 2006.429 | 2333.467 | 1.21 | 1.587 | 498.398 | 1 | 14.669 |
| 9/30/2018 22:30 | 2161800 | 12.841 | 17.663 | 29.269 | 2006.441 | 2333.462 | 1.21 | 1.587 | 498.395 | 1 | 14.669 |
| 9/30/2018 22:35 | 2162100 | 12.843 | 17.662 | 29.274 | 2006.406 | 2333.439 | 1.21 | 1.587 | 498.404 | 1 | 14.668 |
| 9/30/2018 22:40 | 2162400 | 12.844 | 17.662 | 29.276 | 2006.533 | 2333.941 | 1.21 | 1.587 | 498.298 | 1 | 14.667 |
| 9/30/2018 22:45 | 2162700 | 12.846 | 17.663 | 29.281 | 2006.851 | 2333.939 | 1.21 | 1.587 | 498.293 | 1 | 14.667 |
| 9/30/2018 22:50 | 2163000 | 12.845 | 17.663 | 29.278 | 2006.534 | 2333.567 | 1.21 | 1.587 | 498.372 | 1 | 14.669 |
| 9/30/2018 22:55 | 2163300 | 12.844 | 17.662 | 29.274 | 2006.385 | 2333.406 | 1.21 | 1.587 | 498.409 | 1 | 14.67 |
| 9/30/2018 23:00 | 2163600 | 12.84 | 17.662 | 29.277 | 2006.594 | 2333.649 | 1.21 | 1.587 | 498.357 | 1 | 14.672 |
| 9/30/2018 23:05 | 2163900 | 12.842 | 17.662 | 29.272 | 2007.062 | 2334.194 | 1.211 | 1.587 | 498.241 | 1 | 14.671 |
| 9/30/2018 23:10 | 2164200 | 12.843 | 17.663 | 29.273 | 2006.678 | 2333.739 | 1.21 | 1.587 | 498.336 | 1 | 14.67 |
| 9/30/2018 23:15 | 2164500 | 12.844 | 17.662 | 29.276 | 2006.329 | 2333.35 | 1.21 | 1.587 | 498.423 | 1 | 14.669 |
| 9/30/2018 23:20 | 2164800 | 12.847 | 17.662 | 29.282 | 2006.615 | 2333.691 | 1.21 | 1.587 | 498.352 | 1 | 14.668 |
| 9/30/2018 23:25 | 2165100 | 12.85 | 17.663 | 29.289 | 2006.292 | 2333.289 | 1.21 | 1.587 | 498.432 | 1 | 14.667 |
| 9/30/2018 23:30 | 2165400 | 12.85 | 17.663 | 29.289 | 2006.602 | 2333.663 | 1.21 | 1.587 | 498.355 | 1 | 14.666 |
| 9/30/2018 23:35 | 2165700 | 12.85 | 17.662 | 29.288 | 2006.536 | 2333.587 | 1.21 | 1.587 | 498.371 | 1 | 14.667 |
| 9/30/2018 23:40 | 2166000 | 12.849 | 17.662 | 29.288 | 2006.792 | 2333.879 | 1.21 | 1.587 | 498.308 | 1 | 14.669 |
| 9/30/2018 23:45 | 2166300 | 12.846 | 17.663 | 29.281 | 2006.635 | 2333.693 | 1.21 | 1.587 | 498.347 | 1 | 14.671 |
| 9/30/2018 23:50 | 2166600 | 12.846 | 17.663 | 29.281 | 2006.265 | 2333.262 | 1.21 | 1.587 | 498.439 | 1 | 14.671 |
| 9/30/2018 23:55 | 2166900 | 12.845 | 17.663 | 29.279 | 2007.081 | 2334.203 | 1.211 | 1.587 | 498.236 | 1 | 14.672 |
| 10/1/2018 0:00 | 2167200 | 12.845 | 17.662 | 29.278 | 2006.635 | 2333.702 | 1.21 | 1.587 | 498.347 | 1 | 14.672 |
| 10/1/2018 0:05 | 2167500 | 12.844 | 17.663 | 29.276 | 2006.833 | 2333.909 | 1.21 | 1.587 | 498.297 | 1 | 14.673 |
| 10/1/2018 0:10 | 2167800 | 12.846 | 17.663 | 29.281 | 2006.622 | 2333.673 | 1.21 | 1.587 | 498.35 | 1 | 14.673 |
| 10/1/2018 0:15 | 2168100 | 12.846 | 17.663 | 29.279 | 2006.619 | 2333.675 | 1.21 | 1.587 | 498.351 | 1 | 14.673 |
| 10/1/2018 0:20 | 2168400 | 12.846 | 17.663 | 29.281 | 2006.41 | 2333.427 | 1.21 | 1.587 | 498.403 | 1 | 14.672 |
| 10/1/2018 0:25 | 2168700 | 12.848 | 17.663 | 29.284 | 2006.437 | 2333.44 | 1.21 | 1.587 | 498.396 | 1 | 14.671 |
| 10/1/2018 0:30 | 2169000 | 12.85 | 17.662 | 29.289 | 2006.169 | 2333.174 | 1.21 | 1.587 | 498.462 | 1 | 14.67 |
| 10/1/2018 0:35 | 2169300 | 12.849 | 17.663 | 29.286 | 2007.148 | 2334.258 | 1.211 | 1.587 | 498.219 | 1 | 14.67 |
| 10/1/2018 0:40 | 2169600 | 12.848 | 17.662 | 29.285 | 2006.635 | 2333.697 | 1.21 | 1.587 | 498.347 | 1 | 14.671 |
| 10/1/2018 0:45 | 2169900 | 12.848 | 17.663 | 29.285 | 2006.346 | 2333.352 | 1.21 | 1.587 | 498.418 | 1 | 14.672 |
| 10/1/2018 0:50 | 2170200 | 12.847 | 17.663 | 29.282 | 2006.514 | 2333.547 | 1.21 | 1.587 | 498.377 | 1 | 14.671 |
| 10/1/2018 0:55 | 2170500 | 12.848 | 17.663 | 29.284 | 2006.477 | 2333.501 | 1.21 | 1.587 | 498.386 | 1 | 14.671 |
| 10/1/2018 1:00 | 2170800 | 12.849 | 17.663 | 29.288 | 2006.602 | 2333.654 | 1.21 | 1.587 | 498.355 | 1 | 14.671 |
| 10/1/2018 1:05 | 2171100 | 12.848 | 17.663 | 29.286 | 2006.566 | 2333.613 | 1.21 | 1.587 | 498.364 | 1 | 14.671 |
| 10/1/2018 1:10 | 2171400 | 12.849 | 17.662 | 29.288 | 2007.024 | 2334.154 | 1.211 | 1.587 | 498.25 | 1 | 14.671 |
| 10/1/2018 1:15 | 2171700 | 12.85 | 17.662 | 29.29 | 2006.536 | 2333.587 | 1.21 | 1.587 | 498.371 | 1 | 14.671 |
| 10/1/2018 1:20 | 2172000 | 12.849 | 17.662 | 29.287 | 2006.381 | 2333.429 | 1.21 | 1.587 | 498.41 | 1 | 14.672 |
| 10/1/2018 1:25 | 2172300 | 12.849 | 17.663 | 29.286 | 2006.744 | 2333.815 | 1.21 | 1.587 | 498.32 | 1 | 14.673 |
| 10/1/2018 1:30 | 2172600 | 12.847 | 17.663 | 29.282 | 2006.883 | 2333.981 | 1.211 | 1.587 | 498.285 | 1 | 14.675 |
| 10/1/2018 1:35 | 2172900 | 12.848 | 17.662 | 29.284 | 2006.6 | 2333.656 | 1.21 | 1.587 | 498.355 | 1 | 14.675 |
| 10/1/2018 1:40 | 2173200 | 12.847 | 17.662 | 29.281 | 2006.357 | 2333.374 | 1.21 | 1.587 | 498.416 | 1 | 14.676 |
| 10/1/2018 1:45 | 2173500 | 12.845 | 17.662 | 29.278 | 2006.284 | 2333.298 | 1.21 | 1.587 | 498.434 | 1 | 14.676 |
| 10/1/2018 1:50 | 2173800 | 12.846 | 17.663 | 29.28 | 2006.999 | 2334.031 | 1.211 | 1.587 | 498.281 | 1 | 14.676 |
| 10/1/2018 1:55 | 2174100 | 12.847 | 17.662 | 29.282 | 2006.278 | 2333.309 | 1.21 | 1.587 | 498.436 | 1 | 14.675 |
| 10/1/2018 2:00 | 2174400 | 12.848 | 17.662 | 29.284 | 2006.348 | 2333.376 | 1.21 | 1.587 | 498.418 | 1 | 14.675 |
| 10/1/2018 2:05 | 2174700 | 12.849 | 17.662 | 29.286 | 2006.287 | 2333.302 | 1.21 | 1.587 | 498.433 | 1 | 14.676 |
| 10/1/2018 2:10 | 2175000 | 12.848 | 17.663 | 29.284 | 2006.381 | 2333.397 | 1.21 | 1.587 | 498.41 | 1 | 14.676 |
| 10/1/2018 2:15 | 2175300 | 12.85 | 17.663 | 29.288 | 2006.236 | 2333.224 | 1.21 | 1.587 | 498.446 | 1 | 14.677 |
| 10/1/2018 2:20 | 2175600 | 12.852 | 17.662 | 29.293 | 2006.409 | 2333.443 | 1.21 | 1.587 | 498.403 | 1 | 14.675 |
| 10/1/2018 2:25 | 2175900 | 12.852 | 17.663 | 29.294 | 2006.234 | 2333.218 | 1.21 | 1.587 | 498.446 | 1 | 14.672 |
| 10/1/2018 2:30 | 2176200 | 12.854 | 17.662 | 29.299 | 2006.883 | 2333.985 | 1.211 | 1.587 | 498.285 | 1 | 14.67 |
| 10/1/2018 2:35 | 2176500 | 12.852 | 17.662 | 29.293 | 2006.656 | 2333.731 | 1.21 | 1.587 | 498.341 | 1 | 14.673 |
| 10/1/2018 2:40 | 2176800 | 12.845 | 17.663 | 29.278 | 2006.317 | 2333.27 | 1.21 | 1.587 | 498.426 | 1 | 14.676 |
| 10/1/2018 2:45 | 2177100 | 12.841 | 17.662 | 29.268 | 2006.417 | 2333.443 | 1.21 | 1.587 | 498.401 | 1 | 14.68 |
| 10/1/2018 2:50 | 2177400 | 12.845 | 17.663 | 29.277 | 2006.622 | 2333.664 | 1.21 | 1.587 | 498.35 | 1 | 14.676 |
| 10/1/2018 2:55 | 2177700 | 12.847 | 17.663 | 29.281 | 2006.07 | 2333.036 | 1.21 | 1.586 | 498.487 | 1 | 14.672 |
| 10/1/2018 3:00 | 2178000 | 12.85 | 17.662 | 29.288 | 2006.254 | 2333.253 | 1.21 | 1.587 | 498.441 | 1 | 14.668 |
| 10/1/2018 3:05 | 2178300 | 12.847 | 17.662 | 29.282 | 2006.118 | 2333.109 | 1.21 | 1.587 | 498.475 | 1 | 14.67 |
| 10/1/2018 3:10 | 2178600 | 12.847 | 17.662 | 29.283 | 2005.99 | 2332.947 | 1.21 | 1.586 | 498.507 | 1 | 14.672 |
| 10/1/2018 3:15 | 2178900 | 12.845 | 17.662 | 29.278 | 2005.875 | 2332.822 | 1.21 | 1.586 | 498.536 | 1 | 14.674 |
| 10/1/2018 3:20 | 2179200 | 12.846 | 17.662 | 29.281 | 2005.589 | 2332.503 | 1.21 | 1.586 | 498.607 | 1 | 14.672 |
| 10/1/2018 3:25 | 2179500 | 12.85 | 17.663 | 29.289 | 2005.691 | 2332.604 | 1.21 | 1.587 | 498.581 | 1 | 14.669 |
| 10/1/2018 3:30 | 2179800 | 12.85 | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 10/1/2018 12:45 | 2213100 | 12.825 | 17.661 | 29.232 | 1971.537 | 2292.931 | 1.188 | 1.559 | 507.219 | 1 | 14.658 |
| 10/1/2018 12:50 | 2213400 | 12.826 | 17.662 | 29.235 | 1971.703 | 2293.107 | 1.188 | 1.559 | 507.176 | 1 | 14.658 |
| 10/1/2018 12:55 | 2213700 | 12.826 | 17.662 | 29.234 | 1971.874 | 2293.306 | 1.188 | 1.559 | 507.132 | 1 | 14.658 |
| 10/1/2018 13:00 | 2214000 | 12.827 | 17.662 | 29.236 | 1971.281 | 2292.611 | 1.188 | 1.559 | 507.284 | 1 | 14.657 |
| 10/1/2018 13:05 | 2214300 | 12.826 | 17.662 | 29.233 | 1971.463 | 2292.824 | 1.188 | 1.559 | 507.237 | 1 | 14.656 |
| 10/1/2018 13:10 | 2214600 | 12.825 | 17.662 | 29.233 | 1970.879 | 2292.149 | 1.188 | 1.559 | 507.388 | 1 | 14.655 |
| 10/1/2018 13:15 | 2214900 | 12.825 | 17.661 | 29.232 | 1971.256 | 2292.61 | 1.188 | 1.559 | 507.291 | 1 | 14.655 |
| 10/1/2018 13:20 | 2215200 | 12.822 | 17.661 | 29.226 | 1971.296 | 2292.648 | 1.188 | 1.559 | 507.28 | 1 | 14.655 |
| 10/1/2018 13:25 | 2215500 | 12.822 | 17.662 | 29.226 | 1970.768 | 2292.025 | 1.188 | 1.559 | 507.416 | 1 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 12.82 | 17.662 | 29.221 | 1970.637 | 2291.859 | 1.187 | 1.558 | 507.45 | 1 | 14.655 |
| 10/1/2018 13:35 | 2216100 | 12.822 | 17.662 | 29.226 | 1970.319 | 2291.498 | 1.187 | 1.558 | 507.532 | 1 | 14.654 |
| 10/1/2018 13:40 | 2216400 | 12.823 | 17.662 | 29.227 | 1970.634 | 2291.864 | 1.188 | 1.558 | 507.451 | 1 | 14.653 |
| 10/1/2018 13:45 | 2216700 | 12.822 | 17.662 | 29.226 | 1970.141 | 2291.29 | 1.187 | 1.558 | 507.578 | 1 | 14.652 |
| 10/1/2018 13:50 | 2217000 | 12.823 | 17.661 | 29.228 | 1970.613 | 2291.857 | 1.188 | 1.558 | 507.456 | 1 | 14.651 |
| 10/1/2018 13:55 | 2217300 | 12.822 | 17.661 | 29.226 | 1970.122 | 2291.282 | 1.187 | 1.558 | 507.583 | 1 | 14.65 |
| 10/1/2018 14:00 | 2217600 | 12.821 | 17.662 | 29.223 | 1970.214 | 2291.375 | 1.187 | 1.558 | 507.559 | 1 | 14.649 |
| 10/1/2018 14:05 | 2217900 | 12.821 | 17.662 | 29.222 | 1969.785 | 2290.882 | 1.187 | 1.558 | 507.67 | 1 | 14.648 |
| 10/1/2018 14:10 | 2218200 | 12.821 | 17.662 | 29.224 | 1970.531 | 2291.744 | 1.187 | 1.558 | 507.477 | 1 | 14.647 |
| 10/1/2018 14:15 | 2218500 | 12.82 | 17.662 | 29.221 | 1969.899 | 2291.005 | 1.187 | 1.558 | 507.64 | 1 | 14.646 |
| 10/1/2018 14:20 | 2218800 | 12.824 | 17.662 | 29.229 | 1970.092 | 2291.242 | 1.187 | 1.558 | 507.59 | 1 | 14.645 |
| 10/1/2018 14:25 | 2219100 | 12.821 | 17.662 | 29.223 | 1969.747 | 2290.837 | 1.187 | 1.558 | 507.679 | 1 | 14.645 |
| 10/1/2018 14:30 | 2219400 | 12.822 | 17.662 | 29.225 | 1969.867 | 2290.98 | 1.187 | 1.558 | 507.649 | 1 | 14.644 |
| 10/1/2018 14:35 | 2219700 | 12.822 | 17.662 | 29.225 | 1969.513 | 2290.56 | 1.187 | 1.558 | 507.74 | 1 | 14.643 |
| 10/1/2018 14:40 | 2220000 | 12.821 | 17.662 | 29.223 | 1969.748 | 2290.829 | 1.187 | 1.558 | 507.679 | 1 | 14.643 |
| 10/1/2018 14:45 | 2220300 | 12.823 | 17.661 | 29.227 | 1969.139 | 2290.157 | 1.187 | 1.557 | 507.836 | 1 | 14.643 |
| 10/1/2018 14:50 | 2220600 | 12.821 | 17.661 | 29.223 | 1969.382 | 2290.421 | 1.187 | 1.557 | 507.774 | 1 | 14.643 |
| 10/1/2018 14:55 | 2220900 | 12.821 | 17.662 | 29.222 | 1969.034 | 2289.998 | 1.187 | 1.557 | 507.863 | 1 | 14.644 |
| 10/1/2018 15:00 | 2221200 | 12.82 | 17.662 | 29.222 | 1969.271 | 2290.283 | 1.187 | 1.557 | 507.802 | 1 | 14.644 |
| 10/1/2018 15:05 | 2221500 | 12.819 | 17.661 | 29.218 | 1968.919 | 2289.896 | 1.186 | 1.557 | 507.893 | 1 | 14.644 |
| 10/1/2018 15:10 | 2221800 | 12.818 | 17.662 | 29.216 | 1968.855 | 2289.791 | 1.186 | 1.557 | 507.909 | 1 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 12.817 | 17.661 | 29.214 | 1969.084 | 2290.084 | 1.187 | 1.557 | 507.85 | 1 | 14.644 |
| 10/1/2018 15:20 | 2222400 | 12.818 | 17.662 | 29.215 | 1968.62 | 2289.527 | 1.186 | 1.557 | 507.97 | 1 | 14.643 |
| 10/1/2018 15:25 | 2222700 | 12.819 | 17.662 | 29.218 | 1968.681 | 2289.601 | 1.186 | 1.557 | 507.954 | 1 | 14.643 |
| 10/1/2018 15:30 | 2223000 | 12.818 | 17.662 | 29.217 | 1968.441 | 2289.299 | 1.186 | 1.557 | 508.016 | 1 | 14.642 |
| 10/1/2018 15:35 | 2223300 | 12.82 | 17.662 | 29.222 | 1968.743 | 2289.674 | 1.186 | 1.557 | 507.938 | 1 | 14.641 |
| 10/1/2018 15:40 | 2223600 | 12.819 | 17.662 | 29.218 | 1967.947 | 2288.748 | 1.186 | 1.556 | 508.144 | 1 | 14.639 |
| 10/1/2018 15:45 | 2223900 | 12.819 | 17.661 | 29.218 | 1968.366 | 2289.244 | 1.186 | 1.557 | 508.036 | 1 | 14.638 |
| 10/1/2018 15:50 | 2224200 | 12.818 | 17.662 | 29.216 | 1968.341 | 2289.202 | 1.186 | 1.557 | 508.042 | 1 | 14.638 |
| 10/1/2018 15:55 | 2224500 | 12.818 | 17.662 | 29.216 | 1968.357 | 2289.224 | 1.186 | 1.557 | 508.038 | 1 | 14.639 |
| 10/1/2018 16:00 | 2224800 | 12.819 | 17.661 | 29.218 | 1967.681 | 2288.452 | 1.186 | 1.556 | 508.212 | 1 | 14.639 |
| 10/1/2018 16:05 | 2225100 | 12.817 | 17.662 | 29.214 | 1967.555 | 2288.283 | 1.186 | 1.556 | 508.245 | 1 | 14.639 |
| 10/1/2018 16:10 | 2225400 | 12.816 | 17.662 | 29.211 | 1967.936 | 2288.721 | 1.186 | 1.556 | 508.147 | 1 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 12.815 | 17.662 | 29.21 | 1967.793 | 2288.568 | 1.186 | 1.556 | 508.184 | 1 | 14.64 |
| 10/1/2018 16:20 | 2226000 | 12.814 | 17.662 | 29.206 | 1967.496 | 2288.214 | 1.186 | 1.556 | 508.26 | 1 | 14.639 |
| 10/1/2018 16:25 | 2226300 | 12.815 | 17.662 | 29.209 | 1967.176 | 2287.828 | 1.185 | 1.556 | 508.343 | 1 | 14.638 |
| 10/1/2018 16:30 | 2226600 | 12.814 | 17.662 | 29.208 | 1967.477 | 2288.197 | 1.186 | 1.556 | 508.265 | 1 | 14.637 |
| 10/1/2018 16:35 | 2226900 | 12.813 | 17.662 | 29.205 | 1967.299 | 2287.959 | 1.185 | 1.556 | 508.311 | 1 | 14.638 |
| 10/1/2018 16:40 | 2227200 | 12.815 | 17.662 | 29.208 | 1967.197 | 2287.867 | 1.185 | 1.556 | 508.337 | 1 | 14.638 |
| 10/1/2018 16:45 | 2227500 | 12.814 | 17.661 | 29.206 | 1967.447 | 2288.171 | 1.186 | 1.556 | 508.273 | 1 | 14.638 |
| 10/1/2018 16:50 | 2227800 | 12.813 | 17.662 | 29.204 | 1966.829 | 2287.403 | 1.185 | 1.555 | 508.433 | 1 | 14.639 |
| 10/1/2018 16:55 | 2228100 | 12.812 | 17.661 | 29.203 | 1966.782 | 2287.397 | 1.185 | 1.555 | 508.445 | 1 | 14.64 |
| 10/1/2018 17:00 | 2228400 | 12.811 | 17.662 | 29.201 | 1966.878 | 2287.5 | 1.185 | 1.556 | 508.42 | 1 | 14.64 |
| 10/1/2018 17:05 | 2228700 | 12.815 | 17.662 | 29.208 | 1966.624 | 2287.195 | 1.185 | 1.555 | 508.486 | 1 | 14.638 |
| 10/1/2018 17:10 | 2229000 | 12.816 | 17.662 | 29.212 | 1966.75 | 2287.334 | 1.185 | 1.555 | 508.453 | 1 | 14.635 |
| 10/1/2018 17:15 | 2229300 | 12.821 | 17.662 | 29.223 | 1966.335 | 2286.847 | 1.185 | 1.555 | 508.56 | 1 | 14.632 |
| 10/1/2018 17:20 | 2229600 | 12.819 | 17.662 | 29.218 | 1966.674 | 2287.241 | 1.185 | 1.555 | 508.473 | 1 | 14.633 |
| 10/1/2018 17:25 | 2229900 | 12.819 | 17.662 | 29.219 | 1966.575 | 2287.117 | 1.185 | 1.555 | 508.498 | 1 | 14.634 |
| 10/1/2018 17:30 | 2230200 | 12.815 | 17.662 | 29.212 | 1966.015 | 2286.521 | 1.184 | 1.555 | 508.643 | 1 | 14.635 |
| 10/1/2018 17:35 | 2230500 | 12.814 | 17.662 | 29.208 | 1965.765 | 2286.193 | 1.184 | 1.555 | 508.708 | 1 | 14.637 |
| 10/1/2018 17:40 | 2230800 | 12.813 | 17.662 | 29.205 | 1965.894 | 2286.36 | 1.185 | 1.555 | 508.674 | 1 | 14.639 |
| 10/1/2018 17:45 | 2231100 | 12.809 | 17.662 | 29.195 | 1966.022 | 2286.505 | 1.185 | 1.555 | 508.641 | 1 | 14.641 |
| 10/1/2018 17:50 | 2231400 | 12.813 | 17.662 | 29.205 | 1965.619 | 2286.026 | 1.184 | 1.554 | 508.746 | 1 | 14.638 |
| 10/1/2018 17:55 | 2231700 | 12.814 | 17.662 | 29.207 | 1965.601 | 2286.015 | 1.184 | 1.554 | 508.75 | 1 | 14.634 |
| 10/1/2018 18:00 | 2232000 | 12.818 | 17.662 | 29.216 | 1965.487 | 2285.864 | 1.184 | 1.554 | 508.78 | 1 | 14.631 |
| 10/1/2018 18:05 | 2232300 | 12.815 | 17.662 | 29.209 | 1965.4 | 2285.781 | 1.184 | 1.554 | 508.802 | 1 | 14.634 |
| 10/1/2018 18:10 | 2232600 | 12.812 | 17.662 | 29.203 | 1965.47 | 2285.854 | 1.184 | 1.554 | 508.784 | 1 | 14.636 |
| 10/1/2018 18:15 | 2232900 | 12.811 | 17.662 | 29.201 | 1965.663 | 2286.082 | 1.184 | 1.554 | 508.734 | 1 | 14.639 |
| 10/1/2018 18:20 | 2233200 | 12.81 | 17.661 | 29.198 | 1965.433 | 2285.832 | 1.184 | 1.554 | 508.794 | 1 | 14.638 |
| 10/1/2018 18:25 | 2233500 | 12.81 | 17.662 | 29.197 | 1964.657 | 2284.912 | 1.184 | 1.554 | 508.995 | 1 | 14.637 |
| 10/1/2018 18:30 | 2233800 | 12.809 | 17.662 | 29.196 | 1964.785 | 2285.056 | 1.184 | 1.554 | 508.962 | 1 | 14.636 |
| 10/1/2018 18:35 | 2234100 | 12.811 | 17.662 | 29.201 | 1964.55 | 2284.793 | 1.184 | 1.554 | 509.022 | 1 | 14.634 |
| 10/1/2018 18:40 | 2234400 | 12.812 | 17.662 | 29.203 | 1964.25 | 2284.435 | 1.183 | 1.553 | 509.1 | 1 | 14.632 |
| 10/1/2018 18:45 | 2234700 | 12.815 | 17.662 | 29.201 | 1964.313 | 2284.495 | 1.184 | 1.553 | 509.084 | 1 | 14.63 |
| 10/1/2018 18:50 | 2235000 | 12.812 | 17.661 | 29.202 | 1963.856 | 2283.994 | 1.183 | 1.553 | 509.202 | 1 | 14.632 |
| 10/1/2018 18:55 | 2235300 | 12.81 | 17.662 | 29.199 | 1964.069 | 2284.224 | 1.183 | 1.553 | 509.147 | 1 | 14.633 |
| 10/1/2018 19:00 | 2235600 | 12.808 | 17.661 | 29.193 | 1963.515 | 2283.598 | 1.183 | 1.553 | 509.291 | 1 | 14.634 |
| 10/1/2018 19:05 | 2235900 | 12.808 | 17.662 | 29.193 | 1963.482 | 2283.553 | 1.183 | 1.553 | 509.299 | 1 | 14.633 |
| 10/1/2018 19:10 | 2236200 | 12.808 | 17.662 | 29.194 | 1963.72 | 2283.813 | 1.183 | 1.553 | 509.238 | 1 | 14.632 |
| 10/1/2018 19:15 | 2236500 | 12.809 | 17.662 | 29.197 | 1963.516 | 2283.581 | 1.183 | 1.553 | 509.29 | 1 | 14.632 |
| 10/1/2018 19:20 | 2236800 | 12.807 | 17.662 | 29.19 | 1962.811 | 2282.748 | 1.183 | 1.552 | 509.473 | 1 | 14.632 |
| 10/1/2018 19:25 | 2237100 | 12.807 | 17.662 | 29.19 | 1963.081 | 2283.084 | 1.183 | 1.552 | 509.403 | 1 | 14.632 |
| 10/1/2018 19:30 | 2237400 | 12.807 | 17.661 | 29.192 | 1963.097 | 2283.115 | 1.183 | 1.553 | 509.399 | 1 | 14.632 |
| 10/1/2018 19:35 | 2237700 | 12.809 | 17.662 | 29.196 | 1962.324 | 2282.191 | 1.182 | 1.552 | 509.6 | 1 | 14.629 |
| 10/1/2018 19:40 | 2238000 | 12.813 | 17.662 | 29.206 | 1962.439 | 2282.316 | 1.182 | 1.552 | 509.57 | 1 | 14.627 |
| 10/1/2018 19:45 | 2238300 | 12.813 | 17.662 | 29.205 | 1962.435 | 2282.337 | 1.182 | 1.552 | 509.571 | 1 | 14.628 |
| 10/1/2018 19:50 | 2238600 | 12.811 | 17.662 | 29.201 | 1 | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 10/2/2018 5:10 | 2272200 | 12.808 | 17.663 | 29.194 | 1971.085 | 2292.334 | 1.188 | 1.559 | 507.335 | 1 | 14.627 |
| 10/2/2018 5:15 | 2272500 | 12.808 | 17.663 | 29.194 | 1970.564 | 2291.738 | 1.187 | 1.558 | 507.469 | 1 | 14.629 |
| 10/2/2018 5:20 | 2272800 | 12.809 | 17.662 | 29.195 | 1971.27 | 2292.568 | 1.188 | 1.559 | 507.287 | 1 | 14.628 |
| 10/2/2018 5:25 | 2273100 | 12.811 | 17.663 | 29.2 | 1971.638 | 2292.991 | 1.188 | 1.559 | 507.193 | 1 | 14.628 |
| 10/2/2018 5:30 | 2273400 | 12.813 | 17.662 | 29.206 | 1971.653 | 2293.018 | 1.188 | 1.559 | 507.189 | 1 | 14.627 |
| 10/2/2018 5:35 | 2273700 | 12.815 | 17.662 | 29.209 | 1971.218 | 2292.516 | 1.188 | 1.559 | 507.301 | 1 | 14.627 |
| 10/2/2018 5:40 | 2274000 | 12.814 | 17.663 | 29.207 | 1971.959 | 2293.365 | 1.188 | 1.559 | 507.11 | 1 | 14.628 |
| 10/2/2018 5:45 | 2274300 | 12.811 | 17.663 | 29.2 | 1971.835 | 2293.221 | 1.188 | 1.559 | 507.142 | 1 | 14.629 |
| 10/2/2018 5:50 | 2274600 | 12.81 | 17.662 | 29.197 | 1971.661 | 2293.036 | 1.188 | 1.559 | 507.187 | 1 | 14.632 |
| 10/2/2018 5:55 | 2274900 | 12.811 | 17.662 | 29.199 | 1972.144 | 2293.597 | 1.188 | 1.556 | 507.062 | 1 | 14.634 |
| 10/2/2018 6:00 | 2275200 | 12.809 | 17.662 | 29.195 | 1972.122 | 2293.564 | 1.188 | 1.556 | 507.068 | 1 | 14.637 |
| 10/2/2018 6:05 | 2275500 | 12.81 | 17.663 | 29.199 | 1972.182 | 2293.615 | 1.188 | 1.556 | 507.053 | 1 | 14.637 |
| 10/2/2018 6:10 | 2275800 | 12.806 | 17.662 | 29.189 | 1972.512 | 2294.04 | 1.189 | 1.556 | 506.968 | 1 | 14.637 |
| 10/2/2018 6:15 | 2276100 | 12.808 | 17.663 | 29.193 | 1972.155 | 2293.593 | 1.188 | 1.556 | 507.059 | 1 | 14.637 |
| 10/2/2018 6:20 | 2276400 | 12.809 | 17.663 | 29.196 | 1972.615 | 2294.128 | 1.189 | 1.556 | 506.941 | 1 | 14.637 |
| 10/2/2018 6:25 | 2276700 | 12.807 | 17.662 | 29.19 | 1972.595 | 2294.108 | 1.189 | 1.556 | 506.947 | 1 | 14.637 |
| 10/2/2018 6:30 | 2277000 | 12.807 | 17.662 | 29.19 | 1973.043 | 2294.639 | 1.189 | 1.556 | 506.831 | 1 | 14.637 |
| 10/2/2018 6:35 | 2277300 | 12.808 | 17.662 | 29.194 | 1972.685 | 2294.222 | 1.189 | 1.556 | 506.923 | 1 | 14.636 |
| 10/2/2018 6:40 | 2277600 | 12.811 | 17.662 | 29.201 | 1972.667 | 2294.205 | 1.189 | 1.556 | 506.928 | 1 | 14.635 |
| 10/2/2018 6:45 | 2277900 | 12.814 | 17.662 | 29.207 | 1972.929 | 2294.519 | 1.189 | 1.556 | 506.861 | 1 | 14.633 |
| 10/2/2018 6:50 | 2278200 | 12.809 | 17.663 | 29.196 | 1972.097 | 2293.516 | 1.188 | 1.556 | 507.075 | 1 | 14.634 |
| 10/2/2018 6:55 | 2278500 | 12.806 | 17.662 | 29.19 | 1972.097 | 2293.556 | 1.188 | 1.556 | 507.075 | 1 | 14.635 |
| 10/2/2018 7:00 | 2278800 | 12.806 | 17.662 | 29.19 | 1972.586 | 2294.121 | 1.189 | 1.556 | 506.949 | 1 | 14.636 |
| 10/2/2018 7:05 | 2279100 | 12.809 | 17.662 | 29.195 | 1972.621 | 2294.157 | 1.189 | 1.556 | 506.94 | 1 | 14.635 |
| 10/2/2018 7:10 | 2279400 | 12.808 | 17.662 | 29.193 | 1972.458 | 2293.99 | 1.189 | 1.556 | 506.982 | 1 | 14.635 |
| 10/2/2018 7:15 | 2279700 | 12.806 | 17.662 | 29.189 | 1972.165 | 2293.622 | 1.188 | 1.556 | 507.057 | 1 | 14.634 |
| 10/2/2018 7:20 | 2280000 | 12.81 | 17.661 | 29.199 | 1972.535 | 2294.089 | 1.189 | 1.556 | 506.962 | 1 | 14.632 |
| 10/2/2018 7:25 | 2280300 | 12.815 | 17.662 | 29.21 | 1972.402 | 2293.906 | 1.189 | 1.556 | 506.996 | 1 | 14.63 |
| 10/2/2018 7:30 | 2280600 | 12.818 | 17.662 | 29.216 | 1971.725 | 2293.11 | 1.188 | 1.559 | 507.17 | 1 | 14.628 |
| 10/2/2018 7:35 | 2280900 | 12.817 | 17.662 | 29.214 | 1971.988 | 2293.3 | 1.188 | 1.559 | 507.128 | 1 | 14.63 |
| 10/2/2018 7:40 | 2281200 | 12.813 | 17.662 | 29.204 | 1972.149 | 2293.613 | 1.188 | 1.556 | 507.061 | 1 | 14.631 |
| 10/2/2018 7:45 | 2281500 | 12.81 | 17.662 | 29.198 | 1972.068 | 2293.536 | 1.188 | 1.556 | 507.082 | 1 | 14.632 |
| 10/2/2018 7:50 | 2281800 | 12.812 | 17.662 | 29.203 | 1971.365 | 2292.71 | 1.188 | 1.559 | 507.263 | 1 | 14.63 |
| 10/2/2018 7:55 | 2282100 | 12.815 | 17.662 | 29.21 | 1971.677 | 2293.042 | 1.188 | 1.559 | 507.182 | 1 | 14.627 |
| 10/2/2018 8:00 | 2282400 | 12.819 | 17.662 | 29.218 | 1971.609 | 2292.994 | 1.188 | 1.559 | 507.2 | 1 | 14.625 |
| 10/2/2018 8:05 | 2282700 | 12.814 | 17.662 | 29.206 | 1971.131 | 2292.429 | 1.188 | 1.559 | 507.323 | 1 | 14.63 |
| 10/2/2018 8:10 | 2283000 | 12.81 | 17.662 | 29.199 | 1971.277 | 2292.617 | 1.188 | 1.559 | 507.285 | 1 | 14.634 |
| 10/2/2018 8:15 | 2283300 | 12.807 | 17.662 | 29.191 | 1971.903 | 2292.866 | 1.188 | 1.559 | 507.227 | 1 | 14.639 |
| 10/2/2018 8:20 | 2283600 | 12.808 | 17.662 | 29.193 | 1971.132 | 2292.45 | 1.188 | 1.559 | 507.323 | 1 | 14.639 |
| 10/2/2018 8:25 | 2283900 | 12.807 | 17.662 | 29.192 | 1971.099 | 2292.383 | 1.188 | 1.559 | 507.331 | 1 | 14.639 |
| 10/2/2018 8:30 | 2284200 | 12.809 | 17.662 | 29.197 | 1971.084 | 2292.387 | 1.188 | 1.559 | 507.335 | 1 | 14.639 |
| 10/2/2018 8:35 | 2284500 | 12.807 | 17.662 | 29.191 | 1970.237 | 2291.411 | 1.187 | 1.558 | 507.553 | 1 | 14.637 |
| 10/2/2018 8:40 | 2284800 | 12.81 | 17.662 | 29.197 | 1970.34 | 2291.518 | 1.187 | 1.558 | 507.526 | 1 | 14.636 |
| 10/2/2018 8:45 | 2285100 | 12.81 | 17.661 | 29.198 | 1970.347 | 2291.562 | 1.187 | 1.558 | 507.525 | 1 | 14.634 |
| 10/2/2018 8:50 | 2285400 | 12.81 | 17.662 | 29.198 | 1970.284 | 2291.43 | 1.187 | 1.558 | 507.541 | 1 | 14.636 |
| 10/2/2018 8:55 | 2285700 | 12.811 | 17.662 | 29.199 | 1969.437 | 2290.472 | 1.187 | 1.558 | 507.759 | 1 | 14.637 |
| 10/2/2018 9:00 | 2286000 | 12.806 | 17.662 | 29.188 | 1969.443 | 2290.479 | 1.187 | 1.558 | 507.758 | 1 | 14.639 |
| 10/2/2018 9:05 | 2286300 | 12.805 | 17.661 | 29.186 | 1969.811 | 2290.938 | 1.187 | 1.558 | 507.663 | 1 | 14.636 |
| 10/2/2018 9:10 | 2286600 | 12.813 | 17.662 | 29.204 | 1969.326 | 2290.343 | 1.187 | 1.557 | 507.788 | 1 | 14.632 |
| 10/2/2018 9:15 | 2286900 | 12.817 | 17.661 | 29.214 | 1969.417 | 2290.47 | 1.187 | 1.558 | 507.765 | 1 | 14.629 |
| 10/2/2018 9:20 | 2287200 | 12.816 | 17.662 | 29.211 | 1969.736 | 2290.824 | 1.187 | 1.558 | 507.682 | 1 | 14.633 |
| 10/2/2018 9:25 | 2287500 | 12.812 | 17.662 | 29.203 | 1969.422 | 2290.462 | 1.187 | 1.558 | 507.763 | 1 | 14.637 |
| 10/2/2018 9:30 | 2287800 | 12.808 | 17.662 | 29.194 | 1968.736 | 2289.647 | 1.186 | 1.557 | 507.94 | 1 | 14.631 |
| 10/2/2018 9:35 | 2288100 | 12.81 | 17.662 | 29.197 | 1969.468 | 2290.508 | 1.187 | 1.558 | 507.751 | 1 | 14.643 |
| 10/2/2018 9:40 | 2288400 | 12.806 | 17.662 | 29.189 | 1968.864 | 2289.814 | 1.186 | 1.557 | 507.907 | 1 | 14.645 |
| 10/2/2018 9:45 | 2288700 | 12.806 | 17.662 | 29.19 | 1968.971 | 2289.935 | 1.186 | 1.557 | 507.879 | 1 | 14.646 |
| 10/2/2018 9:50 | 2289000 | 12.808 | 17.661 | 29.193 | 1968.502 | 2289.479 | 1.186 | 1.557 | 508.001 | 1 | 14.646 |
| 10/2/2018 9:55 | 2289300 | 12.805 | 17.662 | 29.187 | 1968.647 | 2289.549 | 1.185 | 1.556 | 507.963 | 1 | 14.647 |
| 10/2/2018 10:00 | 2289600 | 12.803 | 17.662 | 29.183 | 1967.812 | 2288.577 | 1.186 | 1.556 | 508.179 | 1 | 14.647 |
| 10/2/2018 10:05 | 2289900 | 12.807 | 17.662 | 29.191 | 1967.848 | 2288.628 | 1.186 | 1.556 | 508.169 | 1 | 14.644 |
| 10/2/2018 10:10 | 2290200 | 12.809 | 17.662 | 29.195 | 1967.828 | 2288.609 | 1.186 | 1.556 | 508.175 | 1 | 14.641 |
| 10/2/2018 10:15 | 2290500 | 12.811 | 17.662 | 29.2 | 1968.244 | 2289.088 | 1.186 | 1.557 | 508.067 | 1 | 14.638 |
| 10/2/2018 10:20 | 2290800 | 12.806 | 17.662 | 29.19 | 1967.845 | 2288.616 | 1.186 | 1.556 | 508.17 | 1 | 14.642 |
| 10/2/2018 10:25 | 2291100 | 12.805 | 17.661 | 29.187 | 1967.162 | 2287.861 | 1.185 | 1.556 | 508.347 | 1 | 14.645 |
| 10/2/2018 10:30 | 2291400 | 12.801 | 17.662 | 29.178 | 1967.158 | 2287.829 | 1.185 | 1.556 | 508.348 | 1 | 14.648 |
| 10/2/2018 10:35 | 2291700 | 12.802 | 17.661 | 29.181 | 1967.018 | 2287.676 | 1.185 | 1.556 | 508.384 | 1 | 14.647 |
| 10/2/2018 10:40 | 2292000 | 12.802 | 17.661 | 29.181 | 1967.404 | 2288.125 | 1.185 | 1.556 | 508.284 | 1 | 14.647 |
| 10/2/2018 10:45 | 2292300 | 12.802 | 17.661 | 29.179 | 1967.032 | 2287.692 | 1.185 | 1.556 | 508.38 | 1 | 14.646 |
| 10/2/2018 10:50 | 2292600 | 12.803 | 17.661 | 29.182 | 1966.663 | 2287.259 | 1.185 | 1.555 | 508.476 | 1 | 14.645 |
| 10/2/2018 10:55 | 2292900 | 12.804 | 17.661 | 29.185 | 1966.82 | 2287.446 | 1.185 | 1.555 | 508.435 | 1 | 14.644 |
| 10/2/2018 11:00 | 2293200 | 12.807 | 17.661 | 29.19 | 1966.475 | 2287.049 | 1.185 | 1.555 | 508.524 | 1 | 14.643 |
| 10/2/2018 11:05 | 2293500 | 12.806 | 17.661 | 29.189 | 1966.354 | 2286.908 | 1.185 | 1.555 | 508.555 | 1 | 14.644 |
| 10/2/2018 11:10 | 2293800 | 12.805 | 17.661 | 29.186 | 1966.825 | 2287.447 | 1.185 | 1.555 | 508.434 | 1 | 14.644 |
| 10/2/2018 11:15 | 2294100 | 12.804 | 17.661 | 29.183 | 1966.215 | 2286.742 | 1.185 | 1.555 | 508.591 | 1 | 14.645 |
| 10/2/2018 11:20 | 2294400 | 12.804 | 17.662 | 29.185 | 1965.601 | 2286.01 | 1.184 | 1.554 | 508.75 | 1 | 14.645 |
| 10/2/2018 11:25 | 2294700 | 12.804 | 17.661 | 29.184 | 1966.125 | 2286.637 | 1.185 | 1.555 | 508.615 | 1 | 14.644 |
| 10/2/2018 11:30 | 2295000 | 12.805 | 17.661 | 29.186 | 1965.577 | 2286.009 | 1.184 | 1.554 | 508.757 | 1 | 14.643 |
| 10/2/2018 11:35 | 2295300 | 12.803 | 17.661 | 29.181 | 1965.99 | 2286.477 | 1.185 | 1.555 | 508.65 | 1 | 14.644 |
| 10/2/2018 11:40 | 2295600 | 12.801 | 17.661 | 29.178 | 1965.76 | 2286.208 | 1.184 | 1.555 | 508.709 | 1 | 14.645 |
| 10/2/2018 11:45 | 2295900 | 12.799 | 17.662 | 29.174 | 1965.329 | 2285.703 | 1.184 | 1.554 | 508.821 | 1 | 14.646 |
| 10/2/2018 11:50 | 2296200 | 12.799 | 17.662 | 29.174 | 1965.255 | 2285.613 | 1.184 | 1.554 | 508.84 | 1 | 14.645 |
| 10/2/2018 11:55 | 2296500 | 12.801 | 17.661 | 29.178 | 1964.951 | 2285.276 | 1.184 | 1.554 | 508.919 | 1 | 14.644 |
| 10/2/2018 12:00 | 2296800 | 12.802 | 17.661 | 29.18 | 1964.715 | 2284.997 | 1.184 | 1.554 | 508.98 | 1 | 14.643 |
| 10/2/2018 12:05 | 2297100 | 12.8 | 17.662 | 29.176 | 1964.82 | 2285.107 | 1.184 | 1.554 | 508.952 | 1 | 14.644 |
| 10/2/2018 12:10 | 2297400 | 12.799 | 17.662 | 29.173 | 1964.646 | 2284.895 | 1.184 | 1.554 | 508.998 | 1 | 14.645 |
| 10/2/2018 12:15 | 2297700 | 12.798 | 17.661 | 29.171 | 1964.119 | 2284.304 | 1.183 | 1.553 | 509.134 | 1 | 14.64 |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 10/2/2018 21:35 | 2331300 | 12.783 | 17.661 | 29.136 | 1938.65 | 2254.693 | 1.167 | 1.533 | 515.823 | 1 | 14.661 |
| 10/2/2018 21:40 | 2331600 | 12.782 | 17.661 | 29.134 | 1938.693 | 2254.738 | 1.167 | 1.533 | 515.811 | 1 | 14.662 |
| 10/2/2018 21:45 | 2331900 | 12.782 | 17.661 | 29.135 | 1938.12 | 2254.068 | 1.167 | 1.533 | 515.964 | 1 | 14.662 |
| 10/2/2018 21:50 | 2332200 | 12.781 | 17.662 | 29.132 | 1937.456 | 2253.281 | 1.167 | 1.532 | 516.141 | 1 | 14.664 |
| 10/2/2018 21:55 | 2332500 | 12.781 | 17.662 | 29.131 | 1937.687 | 2253.529 | 1.167 | 1.532 | 516.079 | 1 | 14.666 |
| 10/2/2018 22:00 | 2332800 | 12.78 | 17.662 | 29.129 | 1936.889 | 2252.609 | 1.166 | 1.532 | 516.292 | 1 | 14.668 |
| 10/2/2018 22:05 | 2333100 | 12.781 | 17.662 | 29.132 | 1937.036 | 2252.793 | 1.166 | 1.532 | 516.253 | 1 | 14.669 |
| 10/2/2018 22:10 | 2333400 | 12.781 | 17.661 | 29.133 | 1936.563 | 2252.253 | 1.166 | 1.532 | 516.379 | 1 | 14.67 |
| 10/2/2018 22:15 | 2333700 | 12.777 | 17.661 | 29.123 | 1936.028 | 2251.634 | 1.166 | 1.531 | 516.522 | 1 | 14.671 |
| 10/2/2018 22:20 | 2334000 | 12.779 | 17.662 | 29.128 | 1935.754 | 2251.306 | 1.167 | 1.531 | 516.595 | 1 | 14.67 |
| 10/2/2018 22:25 | 2334300 | 12.779 | 17.661 | 29.128 | 1935.811 | 2251.386 | 1.165 | 1.531 | 516.579 | 1 | 14.669 |
| 10/2/2018 22:30 | 2334600 | 12.781 | 17.662 | 29.131 | 1934.891 | 2250.299 | 1.165 | 1.53 | 516.825 | 1 | 14.668 |
| 10/2/2018 22:35 | 2334900 | 12.782 | 17.661 | 29.135 | 1935.169 | 2250.639 | 1.165 | 1.53 | 516.751 | 1 | 14.668 |
| 10/2/2018 22:40 | 2335200 | 12.783 | 17.661 | 29.136 | 1934.691 | 2250.089 | 1.165 | 1.53 | 516.878 | 1 | 14.667 |
| 10/2/2018 22:45 | 2335500 | 12.784 | 17.661 | 29.138 | 1933.927 | 2249.19 | 1.164 | 1.529 | 517.083 | 1 | 14.667 |
| 10/2/2018 22:50 | 2335800 | 12.783 | 17.661 | 29.135 | 1933.551 | 2248.771 | 1.164 | 1.529 | 517.183 | 1 | 14.671 |
| 10/2/2018 22:55 | 2336100 | 12.778 | 17.661 | 29.125 | 1933.913 | 2249.174 | 1.164 | 1.529 | 517.086 | 1 | 14.674 |
| 10/2/2018 23:00 | 2336400 | 12.775 | 17.662 | 29.119 | 1933.398 | 2248.558 | 1.164 | 1.529 | 517.224 | 1 | 14.677 |
| 10/2/2018 23:05 | 2336700 | 12.777 | 17.662 | 29.122 | 1933.065 | 2248.154 | 1.164 | 1.529 | 517.313 | 1 | 14.675 |
| 10/2/2018 23:10 | 2337000 | 12.777 | 17.662 | 29.123 | 1932.937 | 2248.017 | 1.164 | 1.529 | 517.347 | 1 | 14.673 |
| 10/2/2018 23:15 | 2337300 | 12.78 | 17.662 | 29.131 | 1932.552 | 2247.583 | 1.163 | 1.528 | 517.45 | 1 | 14.671 |
| 10/2/2018 23:20 | 2337600 | 12.782 | 17.661 | 29.134 | 1932 | 2246.958 | 1.163 | 1.528 | 517.598 | 1 | 14.673 |
| 10/2/2018 23:25 | 2337900 | 12.781 | 17.661 | 29.132 | 1933.007 | 2248.116 | 1.164 | 1.529 | 517.329 | 1 | 14.674 |
| 10/2/2018 23:30 | 2338200 | 12.778 | 17.662 | 29.125 | 1934.217 | 2249.519 | 1.164 | 1.53 | 517.005 | 1 | 14.675 |
| 10/2/2018 23:35 | 2338500 | 12.778 | 17.662 | 29.126 | 1936.569 | 2252.233 | 1.166 | 1.532 | 516.377 | 1 | 14.675 |
| 10/2/2018 23:40 | 2338800 | 12.778 | 17.661 | 29.126 | 1938.823 | 2254.881 | 1.167 | 1.533 | 515.777 | 1 | 14.675 |
| 10/2/2018 23:45 | 2339100 | 12.779 | 17.662 | 29.127 | 1941.468 | 2257.935 | 1.169 | 1.535 | 515.074 | 1 | 14.675 |
| 10/2/2018 23:50 | 2339400 | 12.782 | 17.662 | 29.135 | 1944.49 | 2261.436 | 1.171 | 1.538 | 514.274 | 1 | 14.675 |
| 10/2/2018 23:55 | 2339700 | 12.782 | 17.662 | 29.134 | 1945.968 | 2263.182 | 1.172 | 1.539 | 513.883 | 1 | 14.674 |
| 10/3/2018 0:00 | 2340000 | 12.783 | 17.662 | 29.136 | 1947.398 | 2264.845 | 1.173 | 1.54 | 513.506 | 1 | 14.674 |
| 10/3/2018 0:05 | 2340300 | 12.779 | 17.662 | 29.128 | 1948.58 | 2266.185 | 1.174 | 1.541 | 513.194 | 1 | 14.677 |
| 10/3/2018 0:10 | 2340600 | 12.774 | 17.662 | 29.117 | 1949.851 | 2267.685 | 1.174 | 1.542 | 512.86 | 1 | 14.679 |
| 10/3/2018 0:15 | 2340900 | 12.771 | 17.662 | 29.111 | 1950.5 | 2268.431 | 1.175 | 1.543 | 512.689 | 1 | 14.682 |
| 10/3/2018 0:20 | 2341200 | 12.773 | 17.662 | 29.113 | 1951.812 | 2269.973 | 1.176 | 1.544 | 512.345 | 1 | 14.68 |
| 10/3/2018 0:25 | 2341500 | 12.774 | 17.662 | 29.115 | 1952.109 | 2270.323 | 1.176 | 1.544 | 512.266 | 1 | 14.679 |
| 10/3/2018 0:30 | 2341800 | 12.775 | 17.662 | 29.117 | 1952.667 | 2270.938 | 1.176 | 1.544 | 512.12 | 1 | 14.677 |
| 10/3/2018 0:35 | 2342100 | 12.777 | 17.662 | 29.122 | 1953.813 | 2272.292 | 1.177 | 1.545 | 511.82 | 1 | 14.675 |
| 10/3/2018 0:40 | 2342400 | 12.777 | 17.662 | 29.123 | 1954.335 | 2272.89 | 1.177 | 1.546 | 511.683 | 1 | 14.674 |
| 10/3/2018 0:45 | 2342700 | 12.778 | 17.662 | 29.125 | 1954.143 | 2272.694 | 1.177 | 1.545 | 511.733 | 1 | 14.673 |
| 10/3/2018 0:50 | 2343000 | 12.779 | 17.662 | 29.128 | 1955.096 | 2273.757 | 1.178 | 1.546 | 511.484 | 1 | 14.673 |
| 10/3/2018 0:55 | 2343300 | 12.78 | 17.662 | 29.13 | 1955.727 | 2274.5 | 1.178 | 1.547 | 511.319 | 1 | 14.673 |
| 10/3/2018 1:00 | 2343600 | 12.781 | 17.662 | 29.132 | 1955.639 | 2274.407 | 1.178 | 1.547 | 511.342 | 1 | 14.673 |
| 10/3/2018 1:05 | 2343900 | 12.779 | 17.662 | 29.127 | 1956.216 | 2275.06 | 1.178 | 1.547 | 511.191 | 1 | 14.675 |
| 10/3/2018 1:10 | 2344200 | 12.777 | 17.662 | 29.123 | 1956.287 | 2275.165 | 1.178 | 1.547 | 511.172 | 1 | 14.678 |
| 10/3/2018 1:15 | 2344500 | 12.773 | 17.662 | 29.113 | 1957.073 | 2276.075 | 1.179 | 1.548 | 510.967 | 1 | 14.681 |
| 10/3/2018 1:20 | 2344800 | 12.775 | 17.662 | 29.117 | 1957.008 | 2275.99 | 1.179 | 1.548 | 510.984 | 1 | 14.678 |
| 10/3/2018 1:25 | 2345100 | 12.778 | 17.662 | 29.125 | 1957.634 | 2276.744 | 1.179 | 1.548 | 510.821 | 1 | 14.676 |
| 10/3/2018 1:30 | 2345400 | 12.777 | 17.662 | 29.123 | 1958.147 | 2277.333 | 1.18 | 1.549 | 510.687 | 1 | 14.674 |
| 10/3/2018 1:35 | 2345700 | 12.779 | 17.662 | 29.126 | 1958.318 | 2277.513 | 1.18 | 1.549 | 510.642 | 1 | 14.676 |
| 10/3/2018 1:40 | 2346000 | 12.779 | 17.662 | 29.128 | 1958.175 | 2277.352 | 1.18 | 1.549 | 510.679 | 1 | 14.674 |
| 10/3/2018 1:45 | 2346300 | 12.781 | 17.662 | 29.133 | 1958.5 | 2277.743 | 1.18 | 1.549 | 510.595 | 1 | 14.674 |
| 10/3/2018 1:50 | 2346600 | 12.781 | 17.662 | 29.132 | 1958.702 | 2277.969 | 1.18 | 1.549 | 510.542 | 1 | 14.673 |
| 10/3/2018 1:55 | 2346900 | 12.782 | 17.663 | 29.134 | 1959.444 | 2278.81 | 1.18 | 1.55 | 510.349 | 1 | 14.673 |
| 10/3/2018 2:00 | 2347200 | 12.784 | 17.662 | 29.138 | 1959.039 | 2278.361 | 1.18 | 1.549 | 510.454 | 1 | 14.672 |
| 10/3/2018 2:05 | 2347500 | 12.783 | 17.663 | 29.137 | 1959.751 | 2279.162 | 1.181 | 1.55 | 510.269 | 1 | 14.672 |
| 10/3/2018 2:10 | 2347800 | 12.784 | 17.662 | 29.138 | 1959.859 | 2279.306 | 1.181 | 1.55 | 510.241 | 1 | 14.671 |
| 10/3/2018 2:15 | 2348100 | 12.784 | 17.662 | 29.139 | 1959.88 | 2279.321 | 1.181 | 1.55 | 510.235 | 1 | 14.671 |
| 10/3/2018 2:20 | 2348400 | 12.783 | 17.663 | 29.137 | 1959.823 | 2279.246 | 1.181 | 1.55 | 510.25 | 1 | 14.671 |
| 10/3/2018 2:25 | 2348700 | 12.783 | 17.662 | 29.137 | 1960.085 | 2279.56 | 1.181 | 1.55 | 510.182 | 1 | 14.672 |
| 10/3/2018 2:30 | 2349000 | 12.783 | 17.662 | 29.136 | 1960.529 | 2280.089 | 1.181 | 1.55 | 510.066 | 1 | 14.672 |
| 10/3/2018 2:35 | 2349300 | 12.782 | 17.662 | 29.133 | 1960.764 | 2280.35 | 1.181 | 1.551 | 510.005 | 1 | 14.673 |
| 10/3/2018 2:40 | 2349600 | 12.778 | 17.662 | 29.124 | 1961.076 | 2280.712 | 1.181 | 1.551 | 509.924 | 1 | 14.673 |
| 10/3/2018 2:45 | 2349900 | 12.775 | 17.663 | 29.118 | 1960.921 | 2280.519 | 1.181 | 1.551 | 509.964 | 1 | 14.673 |
| 10/3/2018 2:50 | 2350200 | 12.778 | 17.662 | 29.124 | 1961.209 | 2280.889 | 1.182 | 1.551 | 509.89 | 1 | 14.67 |
| 10/3/2018 2:55 | 2350500 | 12.784 | 17.662 | 29.139 | 1961.243 | 2280.911 | 1.182 | 1.551 | 509.881 | 1 | 14.668 |
| 10/3/2018 3:00 | 2350800 | 12.784 | 17.662 | 29.138 | 1961.569 | 2281.291 | 1.182 | 1.551 | 509.796 | 1 | 14.665 |
| 10/3/2018 3:05 | 2351100 | 12.783 | 17.663 | 29.136 | 1961.124 | 2280.795 | 1.182 | 1.551 | 509.912 | 1 | 14.665 |
| 10/3/2018 3:10 | 2351400 | 12.782 | 17.663 | 29.135 | 1961.647 | 2281.372 | 1.182 | 1.551 | 509.776 | 1 | 14.666 |
| 10/3/2018 3:15 | 2351700 | 12.781 | 17.662 | 29.132 | 1961.464 | 2281.177 | 1.182 | 1.551 | 509.823 | 1 | 14.666 |
| 10/3/2018 3:20 | 2352000 | 12.78 | 17.662 | 29.13 | 1961.702 | 2281.453 | 1.182 | 1.551 | 509.762 | 1 | 14.666 |
| 10/3/2018 3:25 | 2352300 | 12.779 | 17.663 | 29.128 | 1961.867 | 2281.628 | 1.182 | 1.552 | 509.719 | 1 | 14.666 |
| 10/3/2018 3:30 | 2352600 | 12.78 | 17.662 | 29.129 | 1961.779 | 2281.543 | 1.182 | 1.551 | 509.741 | 1 | 14.666 |
| 10/3/2018 3:35 | 2352900 | 12.779 | 17.662 | 29.127 | 1961.79 | 2281.548 | 1.182 | 1.551 | 509.738 | 1 | 14.667 |
| 10/3/2018 3:40 | 2353200 | 12.778 | 17.662 | 29.125 | 1961.074 | 2280.736 | 1.181 | 1.551 | 509.925 | 1 | 14.668 |
| 10/3/2018 3:45 | 2353500 | 12.775 | 17.662 | 29.117 | 1961.793 | 2281.564 | 1.182 | 1.551 | 509.738 | 1 | 14.669 |
| 10/3/2018 3:50 | 2353800 | 12.777 | 17.662 | 29.123 | 1961.934 | 2281.741 | 1.182 | 1.552 | 509.701 | 1 | 14.668 |
| 10/3/2018 3:55 | 2354100 | 12.778 | 17.662 | 29.125 | 1961.313 | 2281.019 | 1.182 | 1.551 | 509.862 | 1 | 14.667 |
| 10/3/2018 4:00 | 2354400 | 12.78 | 17.662 | 29.129 | 1961.392 | 2281.106 | 1.182 | 1.551 | 509.842 | 1 | 14.665 |
| 10/3/2018 4:05 | 2354700 | 12.779 | 17.662 | 29.128 | 1961.775 | 2281.552 | 1.182 | 1.551 | 509.742 | 1 | 14.665 |
| 10/3/2018 4:10 | 2355000 | 12.781 | 17.662 | 29.132 | 1961.693 | 2281.443 | 1.182 | 1.551 | 509.764 | 1 | 14.664 |
| 10/3/2018 4:15 | 2355300 | 12.781 | 17.661 | 29.131 | 1961.137 | 2280.833 | 1.182 | 1.551 | 509.908 | 1 | 14.663 |
| 10/3/2018 4:20 | 2355600 | 12.779 | 17.662 | 29.127 | 1961.125 | 2280.8 | 1.181 | 1.551 | 509.911 | 1 | 14.664 |
| 10/3/2018 4:25 | 2355900 | 12.779 | 17.662 | 29.128 | 1961.629 | 2281.386 | 1.182 | 1.551 | 509.78 | 1 | 14.664 |
| 10/3/2018 4:30 | 2356200 | 12.779 | 17.662 | 29.126 | 1961.167 | 2280.858 | 1.182 | 1.551 | 509.901 | 1 | 14.665 |
| 10/3/2018 4:35 | 2356500 | 12.779 | 17.662 | 29.128 | 1961.737 | 2281.516 | 1.182 | 1.551 | 509.752 | 1 | 14.663 |
| 10/3/2018 4:40 | 2356800 | 12.78 | 17.663 | 29.131 | 1961.782 | 2281.515 | 1.182 | 1.551 | 509.754 | 1 | 14.666 |
| 10/3/2018 4:45 | 2357100 | 12.784 | 17.662 | 29.139 | 1960.95 | 2280.601 | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|---|--------|
| 10/3/2018 14:00 | 2390400 | 12.765 | 17.662 | 29.096 | 1951.031 | 2269.061 | 1.175 | 1.543 | 512.55 | 1 | 14.671 |
| 10/3/2018 14:05 | 2390700 | 12.765 | 17.661 | 29.095 | 1951.546 | 2269.686 | 1.175 | 1.543 | 512.414 | 1 | 14.671 |
| 10/3/2018 14:10 | 2391000 | 12.765 | 17.662 | 29.096 | 1951.014 | 2269.055 | 1.175 | 1.543 | 512.554 | 1 | 14.67 |
| 10/3/2018 14:15 | 2391300 | 12.764 | 17.661 | 29.093 | 1951.397 | 2269.512 | 1.175 | 1.543 | 512.453 | 1 | 14.67 |
| 10/3/2018 14:20 | 2391600 | 12.765 | 17.662 | 29.094 | 1950.717 | 2268.709 | 1.175 | 1.543 | 512.632 | 1 | 14.668 |
| 10/3/2018 14:25 | 2391900 | 12.769 | 17.661 | 29.103 | 1951.181 | 2269.254 | 1.175 | 1.543 | 512.51 | 1 | 14.666 |
| 10/3/2018 14:30 | 2392200 | 12.771 | 17.662 | 29.108 | 1951.041 | 2269.076 | 1.175 | 1.543 | 512.547 | 1 | 14.663 |
| 10/3/2018 14:35 | 2392500 | 12.768 | 17.662 | 29.102 | 1950.65 | 2268.631 | 1.175 | 1.543 | 512.65 | 1 | 14.666 |
| 10/3/2018 14:40 | 2392800 | 12.765 | 17.661 | 29.095 | 1950.924 | 2268.972 | 1.175 | 1.543 | 512.578 | 1 | 14.668 |
| 10/3/2018 14:45 | 2393100 | 12.761 | 17.661 | 29.087 | 1950.731 | 2268.734 | 1.175 | 1.543 | 512.628 | 1 | 14.671 |
| 10/3/2018 14:50 | 2393400 | 12.763 | 17.661 | 29.091 | 1951.1 | 2269.177 | 1.175 | 1.543 | 512.531 | 1 | 14.67 |
| 10/3/2018 14:55 | 2393700 | 12.763 | 17.661 | 29.09 | 1951.2 | 2269.283 | 1.175 | 1.543 | 512.505 | 1 | 14.669 |
| 10/3/2018 15:00 | 2394000 | 12.762 | 17.661 | 29.088 | 1950.641 | 2268.629 | 1.175 | 1.543 | 512.652 | 1 | 14.668 |
| 10/3/2018 15:05 | 2394300 | 12.762 | 17.661 | 29.088 | 1950.627 | 2268.618 | 1.175 | 1.543 | 512.656 | 1 | 14.667 |
| 10/3/2018 15:10 | 2394600 | 12.762 | 17.661 | 29.088 | 1951.101 | 2269.168 | 1.175 | 1.543 | 512.531 | 1 | 14.666 |
| 10/3/2018 15:15 | 2394900 | 12.765 | 17.662 | 29.095 | 1950.847 | 2268.851 | 1.175 | 1.543 | 512.598 | 1 | 14.665 |
| 10/3/2018 15:20 | 2395200 | 12.764 | 17.661 | 29.094 | 1950.941 | 2268.987 | 1.175 | 1.543 | 512.573 | 1 | 14.664 |
| 10/3/2018 15:25 | 2395500 | 12.766 | 17.662 | 29.097 | 1950.431 | 2268.367 | 1.175 | 1.542 | 512.707 | 1 | 14.663 |
| 10/3/2018 15:30 | 2395800 | 12.764 | 17.661 | 29.093 | 1950.653 | 2268.657 | 1.175 | 1.543 | 512.649 | 1 | 14.662 |
| 10/3/2018 15:35 | 2396100 | 12.765 | 17.661 | 29.095 | 1950.615 | 2268.595 | 1.175 | 1.543 | 512.659 | 1 | 14.662 |
| 10/3/2018 15:40 | 2396400 | 12.764 | 17.662 | 29.094 | 1950.93 | 2268.947 | 1.175 | 1.543 | 512.576 | 1 | 14.662 |
| 10/3/2018 15:45 | 2396700 | 12.763 | 17.661 | 29.091 | 1950.859 | 2268.879 | 1.175 | 1.543 | 512.595 | 1 | 14.661 |
| 10/3/2018 15:50 | 2397000 | 12.764 | 17.662 | 29.092 | 1950.398 | 2268.329 | 1.175 | 1.542 | 512.716 | 1 | 14.662 |
| 10/3/2018 15:55 | 2397300 | 12.764 | 17.661 | 29.092 | 1950.506 | 2268.477 | 1.175 | 1.543 | 512.687 | 1 | 14.662 |
| 10/3/2018 16:00 | 2397600 | 12.763 | 17.661 | 29.09 | 1950.073 | 2267.969 | 1.175 | 1.542 | 512.801 | 1 | 14.663 |
| 10/3/2018 16:05 | 2397900 | 12.763 | 17.661 | 29.091 | 1950.695 | 2268.701 | 1.175 | 1.543 | 512.638 | 1 | 14.661 |
| 10/3/2018 16:10 | 2398200 | 12.764 | 17.661 | 29.094 | 1950.805 | 2268.833 | 1.175 | 1.543 | 512.609 | 1 | 14.66 |
| 10/3/2018 16:15 | 2398500 | 12.766 | 17.662 | 29.098 | 1950.514 | 2268.468 | 1.175 | 1.543 | 512.685 | 1 | 14.658 |
| 10/3/2018 16:20 | 2398800 | 12.766 | 17.661 | 29.097 | 1950.483 | 2268.441 | 1.175 | 1.543 | 512.694 | 1 | 14.658 |
| 10/3/2018 16:25 | 2399100 | 12.765 | 17.661 | 29.095 | 1950.228 | 2268.145 | 1.175 | 1.542 | 512.761 | 1 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 12.766 | 17.661 | 29.097 | 1950.674 | 2268.664 | 1.175 | 1.543 | 512.643 | 1 | 14.657 |
| 10/3/2018 16:35 | 2399700 | 12.764 | 17.661 | 29.093 | 1950.23 | 2268.161 | 1.175 | 1.542 | 512.76 | 1 | 14.657 |
| 10/3/2018 16:40 | 2400000 | 12.767 | 17.661 | 29.099 | 1950.43 | 2268.384 | 1.175 | 1.543 | 512.707 | 1 | 14.658 |
| 10/3/2018 16:45 | 2400300 | 12.765 | 17.662 | 29.095 | 1950.567 | 2268.534 | 1.175 | 1.543 | 512.671 | 1 | 14.658 |
| 10/3/2018 16:50 | 2400600 | 12.764 | 17.661 | 29.093 | 1950.473 | 2268.434 | 1.175 | 1.543 | 512.696 | 1 | 14.659 |
| 10/3/2018 16:55 | 2400900 | 12.762 | 17.661 | 29.088 | 1950.551 | 2268.533 | 1.175 | 1.543 | 512.676 | 1 | 14.661 |
| 10/3/2018 17:00 | 2401200 | 12.761 | 17.662 | 29.087 | 1950.592 | 2268.532 | 1.175 | 1.543 | 512.665 | 1 | 14.663 |
| 10/3/2018 17:05 | 2401500 | 12.761 | 17.661 | 29.086 | 1950.68 | 2268.671 | 1.175 | 1.543 | 512.642 | 1 | 14.662 |
| 10/3/2018 17:10 | 2401800 | 12.762 | 17.661 | 29.089 | 1950.376 | 2268.334 | 1.175 | 1.542 | 512.722 | 1 | 14.662 |
| 10/3/2018 17:15 | 2402100 | 12.763 | 17.661 | 29.091 | 1950.145 | 2268.074 | 1.175 | 1.542 | 512.782 | 1 | 14.661 |
| 10/3/2018 17:20 | 2402400 | 12.763 | 17.662 | 29.09 | 1950.887 | 2268.907 | 1.175 | 1.543 | 512.587 | 1 | 14.662 |
| 10/3/2018 17:25 | 2402700 | 12.765 | 17.661 | 29.095 | 1950.291 | 2268.231 | 1.175 | 1.542 | 512.744 | 1 | 14.663 |
| 10/3/2018 17:30 | 2403000 | 12.765 | 17.662 | 29.095 | 1950.287 | 2268.205 | 1.175 | 1.542 | 512.745 | 1 | 14.663 |
| 10/3/2018 17:35 | 2403300 | 12.766 | 17.662 | 29.097 | 1950.127 | 2268.01 | 1.175 | 1.542 | 512.787 | 1 | 14.664 |
| 10/3/2018 17:40 | 2403600 | 12.764 | 17.661 | 29.093 | 1950.471 | 2268.427 | 1.175 | 1.543 | 512.697 | 1 | 14.665 |
| 10/3/2018 17:45 | 2403900 | 12.762 | 17.662 | 29.089 | 1950.201 | 2268.109 | 1.175 | 1.542 | 512.768 | 1 | 14.666 |
| 10/3/2018 17:50 | 2404200 | 12.761 | 17.661 | 29.086 | 1950.045 | 2267.941 | 1.174 | 1.542 | 512.809 | 1 | 14.666 |
| 10/3/2018 17:55 | 2404500 | 12.76 | 17.661 | 29.084 | 1950.031 | 2267.92 | 1.174 | 1.542 | 512.812 | 1 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 12.762 | 17.662 | 29.088 | 1949.953 | 2267.821 | 1.174 | 1.542 | 512.833 | 1 | 14.666 |
| 10/3/2018 18:05 | 2405100 | 12.765 | 17.661 | 29.096 | 1950.247 | 2268.185 | 1.175 | 1.542 | 512.755 | 1 | 14.665 |
| 10/3/2018 18:10 | 2405400 | 12.766 | 17.661 | 29.097 | 1950.233 | 2268.155 | 1.175 | 1.542 | 512.759 | 1 | 14.664 |
| 10/3/2018 18:15 | 2405700 | 12.768 | 17.661 | 29.102 | 1950.727 | 2268.743 | 1.175 | 1.543 | 512.629 | 1 | 14.663 |
| 10/3/2018 18:20 | 2406000 | 12.765 | 17.661 | 29.096 | 1950.048 | 2267.944 | 1.174 | 1.542 | 512.808 | 1 | 14.665 |
| 10/3/2018 18:25 | 2406300 | 12.765 | 17.661 | 29.096 | 1949.946 | 2267.821 | 1.174 | 1.542 | 512.835 | 1 | 14.666 |
| 10/3/2018 18:30 | 2406600 | 12.763 | 17.662 | 29.09 | 1950.142 | 2268.036 | 1.175 | 1.542 | 512.783 | 1 | 14.668 |
| 10/3/2018 18:35 | 2406900 | 12.762 | 17.661 | 29.087 | 1950.483 | 2268.463 | 1.175 | 1.543 | 512.694 | 1 | 14.671 |
| 10/3/2018 18:40 | 2407200 | 12.759 | 17.661 | 29.081 | 1950.333 | 2268.267 | 1.175 | 1.542 | 512.733 | 1 | 14.673 |
| 10/3/2018 18:45 | 2407500 | 12.76 | 17.661 | 29.075 | 1950.213 | 2268.153 | 1.175 | 1.542 | 512.765 | 1 | 14.676 |
| 10/3/2018 18:50 | 2407800 | 12.758 | 17.662 | 29.08 | 1949.937 | 2267.793 | 1.174 | 1.542 | 512.837 | 1 | 14.674 |
| 10/3/2018 18:55 | 2408100 | 12.76 | 17.661 | 29.084 | 1950.127 | 2268.041 | 1.175 | 1.542 | 512.787 | 1 | 14.673 |
| 10/3/2018 19:00 | 2408400 | 12.763 | 17.661 | 29.09 | 1950.004 | 2267.888 | 1.174 | 1.542 | 512.82 | 1 | 14.671 |
| 10/3/2018 19:05 | 2408700 | 12.762 | 17.661 | 29.089 | 1950.084 | 2267.981 | 1.175 | 1.542 | 512.798 | 1 | 14.672 |
| 10/3/2018 19:10 | 2409000 | 12.762 | 17.661 | 29.087 | 1950.334 | 2268.299 | 1.175 | 1.542 | 512.733 | 1 | 14.672 |
| 10/3/2018 19:15 | 2409300 | 12.761 | 17.662 | 29.086 | 1950.204 | 2268.099 | 1.175 | 1.542 | 512.767 | 1 | 14.673 |
| 10/3/2018 19:20 | 2409600 | 12.761 | 17.662 | 29.086 | 1949.718 | 2267.538 | 1.174 | 1.542 | 512.895 | 1 | 14.675 |
| 10/3/2018 19:25 | 2409900 | 12.761 | 17.661 | 29.086 | 1949.748 | 2267.617 | 1.174 | 1.542 | 512.887 | 1 | 14.677 |
| 10/3/2018 19:30 | 2410200 | 12.758 | 17.661 | 29.08 | 1949.781 | 2267.639 | 1.174 | 1.542 | 512.878 | 1 | 14.679 |
| 10/3/2018 19:35 | 2410500 | 12.758 | 17.661 | 29.08 | 1950.132 | 2268.041 | 1.175 | 1.542 | 512.786 | 1 | 14.678 |
| 10/3/2018 19:40 | 2410800 | 12.76 | 17.661 | 29.083 | 1950.243 | 2268.162 | 1.175 | 1.542 | 512.757 | 1 | 14.678 |
| 10/3/2018 19:45 | 2411100 | 12.76 | 17.661 | 29.083 | 1950.008 | 2267.889 | 1.174 | 1.542 | 512.818 | 1 | 14.677 |
| 10/3/2018 19:50 | 2411400 | 12.76 | 17.661 | 29.085 | 1949.58 | 2267.391 | 1.174 | 1.542 | 512.931 | 1 | 14.677 |
| 10/3/2018 19:55 | 2411700 | 12.761 | 17.661 | 29.086 | 1950.037 | 2267.923 | 1.174 | 1.542 | 512.811 | 1 | 14.678 |
| 10/3/2018 20:00 | 2412000 | 12.761 | 17.661 | 29.087 | 1949.808 | 2267.674 | 1.174 | 1.542 | 512.871 | 1 | 14.678 |
| 10/3/2018 20:05 | 2412300 | 12.76 | 17.662 | 29.083 | 1949.882 | 2267.738 | 1.174 | 1.542 | 512.852 | 1 | 14.681 |
| 10/3/2018 20:10 | 2412600 | 12.757 | 17.662 | 29.078 | 1950.058 | 2267.929 | 1.174 | 1.542 | 512.805 | 1 | 14.683 |
| 10/3/2018 20:15 | 2412900 | 12.757 | 17.662 | 29.076 | 1949.593 | 2267.388 | 1.174 | 1.542 | 512.928 | 1 | 14.686 |
| 10/3/2018 20:20 | 2413200 | 12.757 | 17.661 | 29.077 | 1950.026 | 2267.919 | 1.174 | 1.542 | 512.814 | 1 | 14.685 |
| 10/3/2018 20:25 | 2413500 | 12.757 | 17.662 | 29.076 | 1949.838 | 2267.687 | 1.174 | 1.542 | 512.863 | 1 | 14.684 |
| 10/3/2018 20:30 | 2413800 | 12.759 | 17.662 | 29.081 | 1949.69 | 2267.514 | 1.174 | 1.542 | 512.902 | 1 | 14.683 |
| 10/3/2018 20:35 | 2414100 | 12.757 | 17.661 | 29.077 | 1949.934 | 2267.82 | 1.174 | 1.542 | 512.838 | 1 | 14.685 |
| 10/3/2018 20:40 | 2414400 | 12.755 | 17.661 | 29.073 | 1949.761 | 2267.623 | 1.174 | 1.542 | 512.883 | 1 | 14.687 |
| 10/3/2018 20:45 | 2414700 | 12.755 | 17.661 | 29.073 | 1949.654 | 2267.477 | 1.174 | 1.542 | 512.912 | 1 | 14.689 |
| 10/3/2018 20:50 | 2415000 | 12.755 | 17.662 | 29.072 | 1949.899 | 2267.745 | 1.174 | 1.542 | 512.847 | 1 | 14.689 |
| 10/3/2018 20:55 | 2415300 | 12.757 | 17.661 | 29.077 | 1949.823 | 2267.682 | 1.174 | 1.542 | 512.867 | 1 | 14.688 |
| 10/3/2018 21:00 | 2415600 | 12.757 | 17.662 | 29.076 | 1949.854 | 2267.706 | 1.174 | 1.542 | 512.859 | 1 | 14.688 |
| 10/3/2018 21:05 | 2415900 | 12.756 | 17.661 | 2 | | | | | | | |

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|----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/7/2018 7:15 | 119700 | 142.067 | 21.447 | 323.815 | 5541.445 | 5944.855 | 3.268 | 4.043 | 180.458 | 1 | 14.747 |
| 9/7/2018 7:30 | 120600 | 142.077 | 21.446 | 323.838 | 5540.727 | 5944.204 | 3.268 | 4.042 | 180.482 | 1 | 14.739 |
| 9/7/2018 7:45 | 121500 | 142.063 | 21.458 | 323.806 | 5543.302 | 5945.519 | 3.269 | 4.043 | 180.398 | 1 | 14.747 |
| 9/7/2018 8:00 | 122400 | 142.075 | 21.461 | 323.833 | 5544.259 | 5946.173 | 3.269 | 4.043 | 180.367 | 1 | 14.748 |
| 9/7/2018 8:15 | 123300 | 142.059 | 21.458 | 323.795 | 5543.755 | 5945.974 | 3.269 | 4.043 | 180.383 | 1 | 14.745 |
| 9/7/2018 8:30 | 124200 | 142.061 | 21.45 | 323.8 | 5543.769 | 5947.02 | 3.27 | 4.044 | 180.383 | 1 | 14.748 |
| 9/7/2018 8:45 | 125100 | 142.058 | 21.458 | 323.793 | 5544.423 | 5946.997 | 3.269 | 4.044 | 180.367 | 1 | 14.751 |
| 9/7/2018 9:00 | 126000 | 142.07 | 21.455 | 323.821 | 5544.923 | 5947.63 | 3.27 | 4.044 | 180.345 | 1 | 14.744 |
| 9/7/2018 9:15 | 126900 | 142.059 | 21.459 | 323.797 | 5545.821 | 5948.168 | 3.27 | 4.045 | 180.316 | 1 | 14.751 |
| 9/7/2018 9:30 | 127800 | 142.066 | 21.459 | 323.812 | 5546.879 | 5949.24 | 3.271 | 4.045 | 180.282 | 1 | 14.751 |
| 9/7/2018 9:45 | 128700 | 142.071 | 21.452 | 323.823 | 5546.55 | 5949.8 | 3.271 | 4.046 | 180.292 | 1 | 14.755 |
| 9/7/2018 10:00 | 129600 | 142.078 | 21.444 | 323.84 | 5545.369 | 5949.396 | 3.271 | 4.046 | 180.311 | 1 | 14.749 |
| 9/7/2018 10:15 | 130500 | 142.074 | 21.447 | 323.829 | 5545.149 | 5948.683 | 3.271 | 4.045 | 180.338 | 1 | 14.752 |
| 9/7/2018 10:30 | 131400 | 142.074 | 21.447 | 323.83 | 5545.702 | 5949.435 | 3.271 | 4.046 | 180.32 | 1 | 14.751 |
| 9/7/2018 10:45 | 132300 | 142.068 | 21.449 | 323.818 | 5546.203 | 5949.717 | 3.271 | 4.046 | 180.304 | 1 | 14.757 |
| 9/7/2018 11:00 | 133200 | 142.082 | 21.443 | 323.848 | 5545.017 | 5949.21 | 3.271 | 4.045 | 180.342 | 1 | 14.752 |
| 9/7/2018 11:15 | 134100 | 142.077 | 21.445 | 323.837 | 5545.666 | 5949.672 | 3.271 | 4.046 | 180.321 | 1 | 14.756 |
| 9/7/2018 11:30 | 135000 | 142.075 | 21.448 | 323.832 | 5545.459 | 5949.068 | 3.271 | 4.045 | 180.328 | 1 | 14.751 |
| 9/7/2018 11:45 | 135900 | 142.09 | 21.442 | 323.856 | 5546.22 | 5950.22 | 3.272 | 4.047 | 180.296 | 1 | 14.747 |
| 9/7/2018 12:00 | 136800 | 142.071 | 21.444 | 323.824 | 5546.905 | 5951.141 | 3.272 | 4.047 | 180.281 | 1 | 14.754 |
| 9/7/2018 12:15 | 137700 | 142.093 | 21.439 | 323.873 | 5547.321 | 5952.098 | 3.273 | 4.047 | 180.267 | 1 | 14.749 |
| 9/7/2018 12:30 | 138600 | 142.088 | 21.44 | 323.862 | 5546.725 | 5951.437 | 3.272 | 4.047 | 180.287 | 1 | 14.747 |
| 9/7/2018 12:45 | 139500 | 142.1 | 21.439 | 323.889 | 5546.55 | 5951.323 | 3.272 | 4.047 | 180.292 | 1 | 14.744 |
| 9/7/2018 13:00 | 140400 | 142.099 | 21.439 | 323.887 | 5547.158 | 5951.976 | 3.273 | 4.047 | 180.272 | 1 | 14.743 |
| 9/7/2018 13:15 | 141300 | 142.098 | 21.445 | 323.884 | 5548.456 | 5952.698 | 3.273 | 4.048 | 180.23 | 1 | 14.743 |
| 9/7/2018 13:30 | 142200 | 142.095 | 21.443 | 323.877 | 5549.342 | 5953.542 | 3.274 | 4.048 | 180.202 | 1 | 14.749 |
| 9/7/2018 13:45 | 143100 | 142.097 | 21.44 | 323.883 | 5549.494 | 5954.417 | 3.274 | 4.049 | 180.197 | 1 | 14.744 |
| 9/7/2018 14:00 | 144000 | 142.101 | 21.448 | 323.892 | 5550.885 | 5954.931 | 3.274 | 4.049 | 180.151 | 1 | 14.742 |
| 9/7/2018 14:15 | 144900 | 142.099 | 21.458 | 323.887 | 5552.561 | 5955.472 | 3.275 | 4.05 | 180.097 | 1 | 14.74 |
| 9/7/2018 14:30 | 145800 | 142.101 | 21.451 | 323.892 | 5552.493 | 5956.261 | 3.275 | 4.05 | 180.099 | 1 | 14.742 |
| 9/7/2018 14:45 | 146700 | 142.111 | 21.452 | 323.93 | 5553.03 | 5956.666 | 3.275 | 4.051 | 180.082 | 1 | 14.737 |
| 9/7/2018 15:00 | 147600 | 142.103 | 21.446 | 323.896 | 5553.421 | 5957.822 | 3.276 | 4.051 | 180.069 | 1 | 14.741 |
| 9/7/2018 15:15 | 148500 | 142.107 | 21.444 | 323.906 | 5553.664 | 5958.307 | 3.276 | 4.052 | 180.061 | 1 | 14.741 |
| 9/7/2018 15:30 | 149400 | 142.106 | 21.443 | 323.904 | 5553.155 | 5957.921 | 3.276 | 4.051 | 180.078 | 1 | 14.737 |
| 9/7/2018 15:45 | 150300 | 142.111 | 21.437 | 323.915 | 5552.114 | 5957.497 | 3.276 | 4.051 | 180.112 | 1 | 14.74 |
| 9/7/2018 16:00 | 151200 | 142.118 | 21.441 | 323.931 | 5552.522 | 5957.53 | 3.276 | 4.051 | 180.098 | 1 | 14.733 |
| 9/7/2018 16:15 | 152100 | 142.117 | 21.442 | 323.929 | 5553.699 | 5958.973 | 3.277 | 4.052 | 180.06 | 1 | 14.732 |
| 9/7/2018 16:30 | 153000 | 142.127 | 21.442 | 323.951 | 5554.68 | 5959.705 | 3.277 | 4.053 | 180.028 | 1 | 14.73 |
| 9/7/2018 16:45 | 153900 | 142.126 | 21.445 | 323.95 | 5554.457 | 5959.061 | 3.277 | 4.052 | 180.036 | 1 | 14.731 |
| 9/7/2018 17:00 | 154800 | 142.121 | 21.442 | 323.938 | 5554.195 | 5959.185 | 3.277 | 4.052 | 180.044 | 1 | 14.729 |
| 9/7/2018 17:15 | 155700 | 142.121 | 21.443 | 323.937 | 5555.032 | 5959.946 | 3.277 | 4.053 | 180.017 | 1 | 14.732 |
| 9/7/2018 17:30 | 156600 | 142.123 | 21.447 | 323.942 | 5556.928 | 5961.435 | 3.278 | 4.054 | 179.956 | 1 | 14.725 |
| 9/7/2018 17:45 | 157500 | 142.129 | 21.441 | 323.956 | 5555.53 | 5960.725 | 3.278 | 4.053 | 180.001 | 1 | 14.73 |
| 9/7/2018 18:00 | 158400 | 142.135 | 21.442 | 323.969 | 5557.1 | 5962.259 | 3.279 | 4.054 | 179.979 | 1 | 14.728 |
| 9/7/2018 18:15 | 159300 | 142.141 | 21.446 | 323.982 | 5557.31 | 5962.08 | 3.279 | 4.054 | 179.943 | 1 | 14.728 |
| 9/7/2018 18:30 | 160200 | 142.131 | 21.449 | 323.96 | 5558.857 | 5963.334 | 3.279 | 4.055 | 179.893 | 1 | 14.73 |
| 9/7/2018 18:45 | 161100 | 142.136 | 21.452 | 323.971 | 5558.817 | 5962.896 | 3.279 | 4.055 | 179.894 | 1 | 14.725 |
| 9/7/2018 19:00 | 162000 | 142.137 | 21.459 | 323.974 | 5560.264 | 5963.658 | 3.279 | 4.055 | 179.848 | 1 | 14.724 |
| 9/7/2018 19:15 | 162900 | 142.143 | 21.457 | 323.988 | 5560.215 | 5963.821 | 3.28 | 4.055 | 179.849 | 1 | 14.724 |
| 9/7/2018 19:30 | 163800 | 142.147 | 21.455 | 323.996 | 5560.526 | 5964.42 | 3.28 | 4.056 | 179.839 | 1 | 14.722 |
| 9/7/2018 19:45 | 164700 | 142.139 | 21.456 | 323.98 | 5561.264 | 5964.998 | 3.28 | 4.056 | 179.815 | 1 | 14.729 |
| 9/7/2018 20:00 | 165600 | 142.151 | 21.457 | 324.006 | 5562.027 | 5965.709 | 3.281 | 4.057 | 179.791 | 1 | 14.723 |
| 9/7/2018 20:15 | 166500 | 142.146 | 21.46 | 323.993 | 5561.489 | 5964.791 | 3.28 | 4.056 | 179.808 | 1 | 14.723 |
| 9/7/2018 20:30 | 167400 | 142.146 | 21.457 | 323.994 | 5562.014 | 5965.675 | 3.281 | 4.057 | 179.791 | 1 | 14.724 |
| 9/7/2018 20:45 | 168300 | 142.191 | 21.461 | 324.097 | 5563.538 | 5966.524 | 3.281 | 4.058 | 179.742 | 1 | 14.721 |
| 9/7/2018 21:00 | 169200 | 142.151 | 21.46 | 324.006 | 5564.542 | 5968.042 | 3.282 | 4.058 | 179.709 | 1 | 14.727 |
| 9/7/2018 21:15 | 170100 | 142.162 | 21.461 | 324.031 | 5564.344 | 5967.693 | 3.282 | 4.058 | 179.716 | 1 | 14.723 |
| 9/7/2018 21:30 | 171000 | 142.161 | 21.455 | 324.028 | 5563.544 | 5967.561 | 3.282 | 4.058 | 179.742 | 1 | 14.724 |
| 9/7/2018 21:45 | 171900 | 142.173 | 21.456 | 324.057 | 5563.495 | 5967.401 | 3.282 | 4.058 | 179.743 | 1 | 14.722 |
| 9/7/2018 22:00 | 172800 | 142.159 | 21.454 | 324.023 | 5564.094 | 5968.344 | 3.282 | 4.058 | 179.724 | 1 | 14.726 |
| 9/7/2018 22:15 | 173700 | 142.165 | 21.458 | 324.039 | 5564.418 | 5968.156 | 3.282 | 4.058 | 179.713 | 1 | 14.726 |
| 9/7/2018 22:30 | 174600 | 142.168 | 21.464 | 324.064 | 5564.811 | 5968.672 | 3.282 | 4.059 | 179.714 | 1 | 14.728 |
| 9/7/2018 22:45 | 175500 | 142.167 | 21.457 | 324.041 | 5564.202 | 5968.107 | 3.282 | 4.058 | 179.72 | 1 | 14.727 |
| 9/7/2018 23:00 | 176400 | 142.17 | 21.459 | 324.05 | 5564.405 | 5968.015 | 3.282 | 4.058 | 179.714 | 1 | 14.728 |
| 9/7/2018 23:15 | 177300 | 142.176 | 21.457 | 324.063 | 5564.25 | 5968.074 | 3.282 | 4.058 | 179.719 | 1 | 14.726 |
| 9/7/2018 23:30 | 178200 | 142.189 | 21.45 | 324.094 | 5563.754 | 5968.479 | 3.282 | 4.059 | 179.735 | 1 | 14.726 |
| 9/7/2018 23:45 | 179100 | 142.172 | 21.451 | 324.055 | 5563.26 | 5967.768 | 3.282 | 4.058 | 179.751 | 1 | 14.73 |
| 9/8/2018 0:00 | 180000 | 142.184 | 21.46 | 324.082 | 5563.839 | 5968.242 | 3.282 | 4.058 | 179.732 | 1 | 14.73 |
| 9/8/2018 0:15 | 180900 | 142.191 | 21.463 | 324.097 | 5566.188 | 5969.489 | 3.283 | 4.059 | 179.656 | 1 | 14.728 |
| 9/8/2018 0:30 | 181800 | 142.185 | 21.461 | 324.084 | 5566.37 | 5969.844 | 3.283 | 4.059 | 179.65 | 1 | 14.73 |
| 9/8/2018 0:45 | 182700 | 142.191 | 21.462 | 324.097 | 5566.207 | 5969.638 | 3.283 | 4.059 | 179.656 | 1 | 14.736 |
| 9/8/2018 1:00 | 183600 | 142.188 | 21.465 | 324.091 | 5566.88 | 5969.975 | 3.283 | 4.06 | 179.634 | 1 | 14.733 |
| 9/8/2018 1:15 | 184500 | 142.2 | 21.465 | 324.117 | 5567.301 | 5970.374 | 3.283 | 4.06 | 179.62 | 1 | 14.73 |
| 9/8/2018 1:30 | 185400 | 142.195 | 21.465 | 324.105 | 5567.426 | 5970.464 | 3.284 | 4.06 | 179.616 | 1 | 14.729 |
| 9/8/2018 1:45 | 186300 | 142.193 | 21.464 | 324.102 | 5566.947 | 5970.133 | 3.283 | 4.06 | 179.632 | 1 | 14.725 |
| 9/8/2018 2:00 | 187200 | 142.197 | 21.46 | 324.11 | 5567.417 | 5971.192 | 3.284 | 4.06 | 179.616 | 1 | 14.722 |
| 9/8/2018 2:15 | 188100 | 142.208 | 21.465 | 324.135 | 5568.534 | 5971.771 | 3.284 | 4.061 | 179.58 | 1 | 14.724 |
| 9/8/2018 2:30 | 189000 | 142.2 | 21.466 | 324.117 | 5568.948 | 5972.053 | 3.284 | 4.061 | 179.567 | 1 | 14.724 |
| 9/8/2018 2:45 | 189900 | 142.187 | 21.466 | 324.089 | 5568.903 | 5972.048 | 3.284 | 4.061 | 179.569 | 1 | 14.724 |
| 9/8/2018 3:00 | 190800 | 142.206 | 21.466 | 324.132 | 5569.194 | 5972.317 | 3.285 | 4.061 | 179.559 | 1 | 14.721 |
| 9/8/2018 3:15 | 191700 | 142.191 | 21.465 | 324.097 | 5569.232 | 5972.476 | 3.285 | 4.061 | 179.558 | 1 | 14.723 |
| 9/8/2018 3:30 | 192600 | 142.193 | 21.466 | 324.101 | 5569.344 | 5972.542 | 3.285 | 4.061 | 179.554 | 1 | 14.723 |
| 9/8/2018 3:45 | 193500 | 142.19 | 21.457 | 324.096 | 5569.161 | 5973.341 | 3.285 | 4.062 | 179.56 | 1 | 14.724 |
| 9/8/2018 4:00 | 194400 | 142.209 | 21.452 | 324.139 | 5567.201 | 5971.847 | 3.284 | 4.061 | 179.623 | 1 | 14.718 |
| 9/8/2018 4:15 | 195300 | 142.204 | 21.455 | 324.126 | 5568.165 | 5972.58 | 3.285 | 4.061 | 179.592 | 1 | 14.715 |
| 9/8/2018 4:30 | 196200 | 142.198 | 21.459 | 324.112 | 5568.97 | 5972.953 | 3.285 | 4.062 | 179.566 | 1 | 14 |

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|----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/9/2018 12:00 | 309600 | 142.281 | 21.469 | 334.301 | 5604.4 | 6009.674 | 3.307 | 4.087 | 178.431 | 1 | 14.692 |
| 9/9/2018 12:15 | 310500 | 142.281 | 21.466 | 334.303 | 5604.019 | 6009.695 | 3.307 | 4.087 | 178.443 | 1 | 14.689 |
| 9/9/2018 12:30 | 311400 | 142.286 | 21.471 | 334.313 | 5604.931 | 6010.018 | 3.307 | 4.087 | 178.414 | 1 | 14.689 |
| 9/9/2018 12:45 | 312300 | 142.283 | 21.469 | 334.307 | 5604.128 | 6009.469 | 3.306 | 4.086 | 178.444 | 1 | 14.687 |
| 9/9/2018 13:00 | 313200 | 142.296 | 21.466 | 334.335 | 5602.339 | 6007.872 | 3.305 | 4.085 | 178.497 | 1 | 14.684 |
| 9/9/2018 13:15 | 314100 | 142.3 | 21.465 | 334.346 | 5604.071 | 6009.828 | 3.307 | 4.087 | 178.442 | 1 | 14.69 |
| 9/9/2018 13:30 | 315000 | 142.298 | 21.464 | 334.342 | 5604.724 | 6010.173 | 3.307 | 4.087 | 178.421 | 1 | 14.692 |
| 9/9/2018 13:45 | 315900 | 142.3 | 21.466 | 334.345 | 5604.326 | 6009.982 | 3.307 | 4.087 | 178.434 | 1 | 14.688 |
| 9/9/2018 14:00 | 316800 | 142.301 | 21.469 | 334.348 | 5604.63 | 6009.92 | 3.307 | 4.087 | 178.424 | 1 | 14.691 |
| 9/9/2018 14:15 | 317700 | 142.342 | 21.472 | 334.441 | 5604.52 | 6009.48 | 3.306 | 4.086 | 178.427 | 1 | 14.685 |
| 9/9/2018 14:30 | 318600 | 142.315 | 21.472 | 334.379 | 5605.059 | 6010.09 | 3.307 | 4.087 | 178.41 | 1 | 14.687 |
| 9/9/2018 14:45 | 319500 | 142.309 | 21.471 | 334.366 | 5606.115 | 6011.299 | 3.307 | 4.088 | 178.377 | 1 | 14.689 |
| 9/9/2018 15:00 | 320400 | 142.321 | 21.471 | 334.393 | 5605.755 | 6011.332 | 3.308 | 4.088 | 178.388 | 1 | 14.681 |
| 9/9/2018 15:15 | 321300 | 142.328 | 21.463 | 334.409 | 5604.12 | 6010.192 | 3.307 | 4.087 | 178.444 | 1 | 14.679 |
| 9/9/2018 15:30 | 322200 | 142.324 | 21.468 | 334.401 | 5605.418 | 6010.862 | 3.307 | 4.087 | 178.399 | 1 | 14.675 |
| 9/9/2018 15:45 | 323100 | 142.326 | 21.464 | 334.404 | 5605.864 | 6011.932 | 3.308 | 4.088 | 178.385 | 1 | 14.674 |
| 9/9/2018 16:00 | 324000 | 142.369 | 21.466 | 334.503 | 5607.09 | 6012.936 | 3.308 | 4.089 | 178.366 | 1 | 14.679 |
| 9/9/2018 16:15 | 324900 | 142.328 | 21.464 | 334.41 | 5606.792 | 6012.895 | 3.308 | 4.089 | 178.355 | 1 | 14.683 |
| 9/9/2018 16:30 | 325800 | 142.359 | 21.466 | 334.436 | 5607.547 | 6013.425 | 3.309 | 4.09 | 178.315 | 1 | 14.678 |
| 9/9/2018 16:45 | 326700 | 142.347 | 21.463 | 334.453 | 5605.789 | 6011.906 | 3.308 | 4.088 | 178.387 | 1 | 14.676 |
| 9/9/2018 17:00 | 327600 | 142.347 | 21.461 | 334.452 | 5606.79 | 6013.268 | 3.309 | 4.089 | 178.355 | 1 | 14.673 |
| 9/9/2018 17:15 | 328500 | 142.35 | 21.458 | 334.461 | 5605.27 | 6011.94 | 3.308 | 4.088 | 178.404 | 1 | 14.673 |
| 9/9/2018 17:30 | 329400 | 142.346 | 21.469 | 334.451 | 5607.342 | 6012.85 | 3.308 | 4.089 | 178.338 | 1 | 14.671 |
| 9/9/2018 17:45 | 330300 | 142.345 | 21.47 | 334.447 | 5608.639 | 6014.069 | 3.309 | 4.09 | 178.296 | 1 | 14.671 |
| 9/9/2018 18:00 | 331200 | 142.35 | 21.47 | 334.46 | 5608.042 | 6013.504 | 3.309 | 4.089 | 178.315 | 1 | 14.672 |
| 9/9/2018 18:15 | 332100 | 142.348 | 21.472 | 334.455 | 5607.441 | 6012.58 | 3.308 | 4.089 | 178.334 | 1 | 14.669 |
| 9/9/2018 18:30 | 333000 | 142.361 | 21.47 | 334.485 | 5609.124 | 6015.889 | 3.309 | 4.09 | 178.281 | 1 | 14.662 |
| 9/9/2018 18:45 | 333900 | 142.374 | 21.47 | 334.514 | 5608.591 | 6014.125 | 3.309 | 4.09 | 178.298 | 1 | 14.665 |
| 9/9/2018 19:00 | 334800 | 142.407 | 21.472 | 334.59 | 5608.933 | 6014.2 | 3.309 | 4.09 | 178.287 | 1 | 14.666 |
| 9/9/2018 19:15 | 335700 | 142.366 | 21.471 | 334.496 | 5608.957 | 6014.302 | 3.309 | 4.09 | 178.286 | 1 | 14.666 |
| 9/9/2018 19:30 | 336600 | 142.37 | 21.471 | 334.504 | 5609.505 | 6014.988 | 3.31 | 4.09 | 178.269 | 1 | 14.665 |
| 9/9/2018 19:45 | 337500 | 142.372 | 21.47 | 334.51 | 5609.267 | 6014.828 | 3.31 | 4.09 | 178.276 | 1 | 14.665 |
| 9/9/2018 20:00 | 338400 | 142.393 | 21.475 | 334.557 | 5610.545 | 6015.575 | 3.31 | 4.091 | 178.236 | 1 | 14.668 |
| 9/9/2018 20:15 | 339300 | 142.376 | 21.469 | 334.518 | 5609.866 | 6015.514 | 3.31 | 4.091 | 178.257 | 1 | 14.669 |
| 9/9/2018 20:30 | 340200 | 142.375 | 21.477 | 334.517 | 5610.311 | 6015.023 | 3.31 | 4.09 | 178.243 | 1 | 14.67 |
| 9/9/2018 20:45 | 341100 | 142.387 | 21.477 | 334.543 | 5611.039 | 6015.869 | 3.31 | 4.091 | 178.22 | 1 | 14.67 |
| 9/9/2018 21:00 | 342000 | 142.373 | 21.477 | 334.512 | 5610.490 | 6015.589 | 3.31 | 4.091 | 178.279 | 1 | 14.679 |
| 9/9/2018 21:15 | 342900 | 142.376 | 21.477 | 334.518 | 5610.895 | 6015.626 | 3.31 | 4.091 | 178.225 | 1 | 14.681 |
| 9/9/2018 21:30 | 343800 | 142.379 | 21.477 | 334.526 | 5610.289 | 6015.075 | 3.31 | 4.09 | 178.244 | 1 | 14.683 |
| 9/9/2018 21:45 | 344700 | 142.372 | 21.473 | 334.51 | 5610.683 | 6015.938 | 3.31 | 4.091 | 178.231 | 1 | 14.686 |
| 9/9/2018 22:00 | 345600 | 142.39 | 21.475 | 334.55 | 5610.642 | 6015.688 | 3.31 | 4.091 | 178.233 | 1 | 14.684 |
| 9/9/2018 22:15 | 346500 | 142.423 | 21.473 | 334.626 | 5609.374 | 6014.534 | 3.309 | 4.09 | 178.273 | 1 | 14.688 |
| 9/9/2018 22:30 | 347400 | 142.395 | 21.471 | 334.561 | 5610.06 | 6015.54 | 3.31 | 4.091 | 178.251 | 1 | 14.686 |
| 9/9/2018 22:45 | 348300 | 142.393 | 21.477 | 334.557 | 5610.668 | 6015.502 | 3.31 | 4.091 | 178.232 | 1 | 14.681 |
| 9/9/2018 23:00 | 349200 | 142.405 | 21.482 | 334.585 | 5611.886 | 6016.141 | 3.31 | 4.091 | 178.193 | 1 | 14.685 |
| 9/9/2018 23:15 | 350100 | 142.398 | 21.48 | 334.569 | 5611.627 | 6016.058 | 3.31 | 4.091 | 178.201 | 1 | 14.689 |
| 9/9/2018 23:30 | 351000 | 142.405 | 21.479 | 334.586 | 5611.644 | 6015.669 | 3.31 | 4.091 | 178.216 | 1 | 14.682 |
| 9/9/2018 23:45 | 351900 | 142.414 | 21.482 | 334.605 | 5612.355 | 6016.634 | 3.311 | 4.09 | 178.178 | 1 | 14.686 |
| 9/10/2018 0:00 | 352800 | 142.408 | 21.481 | 334.591 | 5610.923 | 6015.248 | 3.31 | 4.09 | 178.224 | 1 | 14.687 |
| 9/10/2018 0:15 | 353700 | 142.413 | 21.478 | 334.604 | 5612.355 | 6017.085 | 3.311 | 4.092 | 178.178 | 1 | 14.692 |
| 9/10/2018 0:30 | 354600 | 142.421 | 21.481 | 334.62 | 5612.896 | 6017.386 | 3.311 | 4.092 | 178.161 | 1 | 14.681 |
| 9/10/2018 0:45 | 355500 | 142.423 | 21.484 | 334.626 | 5613.257 | 6017.416 | 3.311 | 4.092 | 178.15 | 1 | 14.684 |
| 9/10/2018 1:00 | 356400 | 142.431 | 21.472 | 334.645 | 5611.688 | 6017.123 | 3.311 | 4.092 | 178.2 | 1 | 14.682 |
| 9/10/2018 1:15 | 357300 | 142.432 | 21.476 | 334.648 | 5612.688 | 6017.702 | 3.311 | 4.092 | 178.168 | 1 | 14.681 |
| 9/10/2018 1:30 | 358200 | 142.445 | 21.475 | 334.677 | 5612.299 | 6017.476 | 3.311 | 4.092 | 178.18 | 1 | 14.688 |
| 9/10/2018 1:45 | 359100 | 142.442 | 21.476 | 334.669 | 5612.746 | 6017.784 | 3.311 | 4.092 | 178.166 | 1 | 14.681 |
| 9/10/2018 2:00 | 360000 | 142.45 | 21.473 | 334.687 | 5611.147 | 6016.447 | 3.311 | 4.091 | 178.217 | 1 | 14.688 |
| 9/10/2018 2:15 | 360900 | 142.453 | 21.474 | 334.694 | 5611.186 | 6016.391 | 3.31 | 4.091 | 178.215 | 1 | 14.689 |
| 9/10/2018 2:30 | 361800 | 142.49 | 21.478 | 334.779 | 5612.627 | 6017.461 | 3.311 | 4.092 | 178.17 | 1 | 14.684 |
| 9/10/2018 2:45 | 362700 | 142.467 | 21.469 | 334.727 | 5610.923 | 6016.69 | 3.311 | 4.091 | 178.224 | 1 | 14.686 |
| 9/10/2018 3:00 | 363600 | 142.458 | 21.474 | 334.705 | 5611.979 | 6017.221 | 3.311 | 4.092 | 178.19 | 1 | 14.687 |
| 9/10/2018 3:15 | 364500 | 142.465 | 21.475 | 334.723 | 5612.395 | 6017.514 | 3.311 | 4.092 | 178.175 | 1 | 14.686 |
| 9/10/2018 3:30 | 365400 | 142.477 | 21.476 | 334.75 | 5612.081 | 6017.039 | 3.311 | 4.092 | 178.187 | 1 | 14.681 |
| 9/10/2018 3:45 | 366300 | 142.474 | 21.473 | 334.742 | 5610.622 | 6015.872 | 3.31 | 4.091 | 178.233 | 1 | 14.68 |
| 9/10/2018 4:00 | 367200 | 142.476 | 21.473 | 334.747 | 5611.468 | 6016.855 | 3.311 | 4.091 | 178.206 | 1 | 14.682 |
| 9/10/2018 4:15 | 368100 | 142.486 | 21.473 | 334.77 | 5611.922 | 6017.255 | 3.311 | 4.092 | 178.192 | 1 | 14.677 |
| 9/10/2018 4:30 | 369000 | 142.476 | 21.468 | 334.747 | 5611.287 | 6017.231 | 3.311 | 4.092 | 178.212 | 1 | 14.684 |
| 9/10/2018 4:45 | 369900 | 142.492 | 21.476 | 334.769 | 5613.064 | 6018.064 | 3.311 | 4.092 | 178.165 | 1 | 14.675 |
| 9/10/2018 5:00 | 370800 | 142.516 | 21.465 | 334.838 | 5610.786 | 6017.007 | 3.311 | 4.092 | 178.228 | 1 | 14.679 |
| 9/10/2018 5:15 | 371700 | 142.49 | 21.462 | 334.779 | 5610.246 | 6016.857 | 3.311 | 4.091 | 178.245 | 1 | 14.675 |
| 9/10/2018 5:30 | 372600 | 142.489 | 21.462 | 334.776 | 5609.23 | 6015.726 | 3.31 | 4.091 | 178.278 | 1 | 14.678 |
| 9/10/2018 5:45 | 373500 | 142.487 | 21.468 | 334.771 | 5611.136 | 6016.994 | 3.311 | 4.092 | 178.217 | 1 | 14.686 |
| 9/10/2018 6:00 | 374400 | 142.475 | 21.477 | 334.745 | 5612.27 | 6017.199 | 3.311 | 4.092 | 178.181 | 1 | 14.688 |
| 9/10/2018 6:15 | 375300 | 142.483 | 21.476 | 334.763 | 5612.468 | 6017.483 | 3.311 | 4.092 | 178.175 | 1 | 14.682 |
| 9/10/2018 6:30 | 376200 | 142.496 | 21.472 | 334.792 | 5612.468 | 6018.025 | 3.311 | 4.092 | 178.175 | 1 | 14.68 |
| 9/10/2018 6:45 | 377100 | 142.486 | 21.47 | 334.769 | 5611.508 | 6017.209 | 3.311 | 4.092 | 178.205 | 1 | 14.684 |
| 9/10/2018 7:00 | 378000 | 142.484 | 21.466 | 334.764 | 5611.599 | 6017.813 | 3.311 | 4.092 | 178.202 | 1 | 14.688 |
| 9/10/2018 7:15 | 378900 | 142.484 | 21.468 | 334.765 | 5612.698 | 6018.69 | 3.312 | 4.093 | 178.167 | 1 | 14.688 |
| 9/10/2018 7:30 | 379800 | 142.484 | 21.466 | 334.765 | 5611.457 | 6017.586 | 3.311 | 4.092 | 178.207 | 1 | 14.69 |
| 9/10/2018 7:45 | 380700 | 142.479 | 21.474 | 334.754 | 5613.444 | 6018.792 | 3.312 | 4.093 | 178.144 | 1 | 14.693 |
| 9/10/2018 8:00 | 381600 | 142.483 | 21.472 | 334.764 | 5612.664 | 6017.34 | 3.312 | 4.092 | 178.169 | 1 | 14.696 |
| 9/10/2018 8:15 | 382500 | 142.474 | 21.477 | 334.741 | 5613.55 | 6018.527 | 3.312 | 4.093 | 178.14 | 1 | 14.701 |
| 9/10/2018 8:30 | 383400 | 142.479 | 21.472 | 334.754 | 5613.594 | 6019.177 | 3.312 | 4.093 | 178.139 | 1 | 14.698 |
| 9/10/2018 8:45 | 384300 | 142.484 | 21.465 | 334.765 | 5612.522 | 6018.922 | 3.312 | 4.093 | 178.173 | 1 | 14.697 |
| 9/10/2018 9:00 | 385200 | 142.481 | 21.475 | 334.759 | 5613.44 | 6018.635 | 3.312 | 4.093 | 178.144 | 1 | 14.695 |
| 9/10/2018 9:15 | 386100 | 142.481 | 21.469 | 334.757 | 5614.085 | 6020.081 | 3.312 | 4.094 | 178.12 | | |

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|-----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/11/2018 16:45 | 499500 | 142.577 | 21.492 | 324.976 | 5635.166 | 6039.899 | 3.324 | 4.107 | 177.457 | 1 | 14.67 |
| 9/11/2018 17:00 | 500400 | 142.589 | 21.491 | 325.005 | 5635.872 | 6040.688 | 3.325 | 4.108 | 177.435 | 1 | 14.66 |
| 9/11/2018 17:15 | 501300 | 142.594 | 21.486 | 325.016 | 5635.334 | 6040.761 | 3.325 | 4.108 | 177.452 | 1 | 14.661 |
| 9/11/2018 17:30 | 502200 | 142.58 | 21.49 | 324.983 | 5635.658 | 6040.599 | 3.325 | 4.108 | 177.442 | 1 | 14.664 |
| 9/11/2018 17:45 | 503100 | 142.594 | 21.495 | 325.017 | 5635.222 | 6039.593 | 3.324 | 4.107 | 177.455 | 1 | 14.656 |
| 9/11/2018 18:00 | 504000 | 142.577 | 21.495 | 324.977 | 5635.522 | 6039.914 | 3.324 | 4.107 | 177.446 | 1 | 14.661 |
| 9/11/2018 18:15 | 504900 | 142.573 | 21.489 | 324.966 | 5636.09 | 6041.12 | 3.325 | 4.108 | 177.428 | 1 | 14.663 |
| 9/11/2018 18:30 | 505800 | 142.576 | 21.489 | 324.975 | 5635.973 | 6041.143 | 3.325 | 4.108 | 177.432 | 1 | 14.657 |
| 9/11/2018 18:45 | 506700 | 142.569 | 21.488 | 324.958 | 5635.438 | 6040.644 | 3.325 | 4.108 | 177.449 | 1 | 14.656 |
| 9/11/2018 19:00 | 507600 | 142.575 | 21.492 | 324.972 | 5634.594 | 6039.297 | 3.324 | 4.107 | 177.475 | 1 | 14.655 |
| 9/11/2018 19:15 | 508500 | 142.567 | 21.491 | 324.955 | 5635.267 | 6040.093 | 3.324 | 4.107 | 177.454 | 1 | 14.661 |
| 9/11/2018 19:30 | 509400 | 142.569 | 21.489 | 324.958 | 5635.486 | 6040.522 | 3.325 | 4.108 | 177.447 | 1 | 14.662 |
| 9/11/2018 19:45 | 510300 | 142.573 | 21.489 | 324.968 | 5635.358 | 6040.752 | 3.325 | 4.108 | 177.451 | 1 | 14.657 |
| 9/11/2018 20:00 | 511200 | 142.562 | 21.494 | 324.942 | 5636.418 | 6040.949 | 3.325 | 4.108 | 177.418 | 1 | 14.66 |
| 9/11/2018 20:15 | 512100 | 142.561 | 21.492 | 324.94 | 5634.959 | 6039.667 | 3.324 | 4.107 | 177.464 | 1 | 14.656 |
| 9/11/2018 20:30 | 513000 | 142.558 | 21.491 | 324.933 | 5636.387 | 6041.306 | 3.325 | 4.108 | 177.419 | 1 | 14.662 |
| 9/11/2018 20:45 | 513900 | 142.555 | 21.494 | 324.927 | 5635.765 | 6040.196 | 3.324 | 4.107 | 177.438 | 1 | 14.667 |
| 9/11/2018 21:00 | 514800 | 142.546 | 21.492 | 324.906 | 5636.342 | 6041.073 | 3.325 | 4.108 | 177.42 | 1 | 14.673 |
| 9/11/2018 21:15 | 515700 | 142.55 | 21.488 | 324.909 | 5634.773 | 6039.911 | 3.324 | 4.107 | 177.469 | 1 | 14.667 |
| 9/11/2018 21:30 | 516600 | 142.55 | 21.475 | 324.915 | 5632.814 | 6039.376 | 3.324 | 4.107 | 177.531 | 1 | 14.671 |
| 9/11/2018 21:45 | 517500 | 142.552 | 21.469 | 324.92 | 5628.957 | 6036.071 | 3.322 | 4.105 | 177.653 | 1 | 14.676 |
| 9/11/2018 22:00 | 518400 | 142.555 | 21.466 | 324.926 | 5628.008 | 6035.411 | 3.322 | 4.104 | 177.683 | 1 | 14.675 |
| 9/11/2018 22:15 | 519300 | 142.544 | 21.468 | 324.901 | 5625.723 | 6032.636 | 3.32 | 4.102 | 177.755 | 1 | 14.682 |
| 9/11/2018 22:30 | 520200 | 142.534 | 21.478 | 324.88 | 5626.944 | 6032.822 | 3.32 | 4.102 | 177.716 | 1 | 14.677 |
| 9/11/2018 22:45 | 521100 | 142.539 | 21.473 | 324.89 | 5624.615 | 6030.865 | 3.319 | 4.101 | 177.79 | 1 | 14.678 |
| 9/11/2018 23:00 | 522000 | 142.542 | 21.469 | 324.898 | 5624.853 | 6031.659 | 3.319 | 4.102 | 177.782 | 1 | 14.68 |
| 9/11/2018 23:15 | 522900 | 142.543 | 21.474 | 324.9 | 5624.323 | 6030.423 | 3.319 | 4.101 | 177.799 | 1 | 14.678 |
| 9/11/2018 23:30 | 523800 | 142.533 | 21.471 | 324.877 | 5623.542 | 6029.997 | 3.318 | 4.1 | 177.824 | 1 | 14.675 |
| 9/11/2018 23:45 | 524700 | 142.534 | 21.475 | 324.878 | 5624.529 | 6030.6 | 3.319 | 4.101 | 177.793 | 1 | 14.686 |
| 9/12/2018 0:00 | 525600 | 142.538 | 21.475 | 324.889 | 5623.609 | 6029.603 | 3.318 | 4.1 | 177.822 | 1 | 14.679 |
| 9/12/2018 0:15 | 526500 | 142.536 | 21.472 | 324.894 | 5622.667 | 6028.875 | 3.318 | 4.1 | 177.852 | 1 | 14.674 |
| 9/12/2018 0:30 | 527400 | 142.532 | 21.474 | 324.873 | 5624.554 | 6030.757 | 3.319 | 4.101 | 177.792 | 1 | 14.686 |
| 9/12/2018 0:45 | 528300 | 142.529 | 21.474 | 324.867 | 5623.678 | 6029.765 | 3.318 | 4.1 | 177.82 | 1 | 14.685 |
| 9/12/2018 1:00 | 529200 | 142.534 | 21.476 | 324.88 | 5623.797 | 6029.664 | 3.318 | 4.1 | 177.816 | 1 | 14.679 |
| 9/12/2018 1:15 | 530100 | 142.54 | 21.476 | 324.892 | 5624.544 | 6030.433 | 3.319 | 4.101 | 177.792 | 1 | 14.681 |
| 9/12/2018 1:30 | 531000 | 142.537 | 21.476 | 324.887 | 5624.056 | 6029.942 | 3.318 | 4.1 | 177.808 | 1 | 14.687 |
| 9/12/2018 1:45 | 531900 | 142.539 | 21.478 | 324.87 | 5624.477 | 6030.142 | 3.319 | 4.101 | 177.792 | 1 | 14.686 |
| 9/12/2018 2:00 | 532800 | 142.536 | 21.481 | 324.883 | 5624.259 | 6029.47 | 3.318 | 4.1 | 177.801 | 1 | 14.685 |
| 9/12/2018 2:15 | 533700 | 142.539 | 21.482 | 324.891 | 5626.041 | 6031.294 | 3.319 | 4.101 | 177.745 | 1 | 14.685 |
| 9/12/2018 2:30 | 534600 | 142.541 | 21.484 | 324.895 | 5625.147 | 6030.141 | 3.319 | 4.1 | 177.773 | 1 | 14.685 |
| 9/12/2018 2:45 | 535500 | 142.536 | 21.486 | 324.885 | 5625.431 | 6030.488 | 3.319 | 4.101 | 177.756 | 1 | 14.688 |
| 9/12/2018 3:00 | 536400 | 142.574 | 21.484 | 324.969 | 5625.431 | 6030.445 | 3.319 | 4.101 | 177.764 | 1 | 14.683 |
| 9/12/2018 3:15 | 537300 | 142.542 | 21.485 | 324.898 | 5625.99 | 6030.938 | 3.319 | 4.101 | 177.746 | 1 | 14.686 |
| 9/12/2018 3:30 | 538200 | 142.542 | 21.487 | 324.897 | 5625.028 | 6030.165 | 3.319 | 4.101 | 177.777 | 1 | 14.682 |
| 9/12/2018 3:45 | 539100 | 142.546 | 21.481 | 324.907 | 5625.544 | 6030.869 | 3.319 | 4.101 | 177.761 | 1 | 14.684 |
| 9/12/2018 4:00 | 540000 | 142.563 | 21.477 | 324.944 | 5625.238 | 6031.092 | 3.319 | 4.101 | 177.77 | 1 | 14.678 |
| 9/12/2018 4:15 | 540900 | 142.556 | 21.474 | 324.93 | 5622.992 | 6029.071 | 3.318 | 4.1 | 177.841 | 1 | 14.682 |
| 9/12/2018 4:30 | 541800 | 142.596 | 21.473 | 325.019 | 5620.955 | 6026.919 | 3.317 | 4.098 | 177.906 | 1 | 14.683 |
| 9/12/2018 4:45 | 542700 | 142.552 | 21.475 | 324.92 | 5620.297 | 6026.063 | 3.316 | 4.098 | 177.927 | 1 | 14.683 |
| 9/12/2018 5:00 | 543600 | 142.55 | 21.475 | 324.915 | 5619.248 | 6025.056 | 3.316 | 4.097 | 177.957 | 1 | 14.683 |
| 9/12/2018 5:15 | 544500 | 142.555 | 21.469 | 324.926 | 5617.604 | 6023.843 | 3.315 | 4.096 | 178.012 | 1 | 14.686 |
| 9/12/2018 5:30 | 545400 | 142.56 | 21.468 | 324.938 | 5614.13 | 6020.302 | 3.313 | 4.094 | 178.122 | 1 | 14.687 |
| 9/12/2018 5:45 | 546300 | 142.572 | 21.468 | 324.965 | 5611.989 | 6017.985 | 3.311 | 4.092 | 178.19 | 1 | 14.684 |
| 9/12/2018 6:00 | 547200 | 142.564 | 21.468 | 324.947 | 5609.589 | 6015.4 | 3.31 | 4.09 | 178.266 | 1 | 14.687 |
| 9/12/2018 6:15 | 548100 | 142.574 | 21.469 | 324.971 | 5609.538 | 6015.226 | 3.31 | 4.09 | 178.288 | 1 | 14.684 |
| 9/12/2018 6:30 | 549000 | 142.57 | 21.465 | 324.951 | 5608.092 | 6014.213 | 3.309 | 4.09 | 178.314 | 1 | 14.696 |
| 9/12/2018 6:45 | 549900 | 142.558 | 21.464 | 324.933 | 5606.679 | 6012.816 | 3.308 | 4.089 | 178.359 | 1 | 14.692 |
| 9/12/2018 7:00 | 550800 | 142.565 | 21.458 | 324.949 | 5605.651 | 6012.436 | 3.308 | 4.088 | 178.391 | 1 | 14.688 |
| 9/12/2018 7:15 | 551700 | 142.57 | 21.451 | 324.96 | 5600.677 | 6007.917 | 3.305 | 4.085 | 178.55 | 1 | 14.689 |
| 9/12/2018 7:30 | 552600 | 142.563 | 21.45 | 324.944 | 5597.876 | 6005.051 | 3.304 | 4.083 | 178.639 | 1 | 14.7 |
| 9/12/2018 7:45 | 553500 | 142.566 | 21.45 | 324.952 | 5596.946 | 6004.033 | 3.303 | 4.083 | 178.669 | 1 | 14.701 |
| 9/12/2018 8:00 | 554400 | 142.565 | 21.465 | 324.95 | 5595.914 | 6003.665 | 3.303 | 4.083 | 178.67 | 1 | 14.701 |
| 9/12/2018 8:15 | 555300 | 142.563 | 21.456 | 324.944 | 5595.142 | 6001.411 | 3.302 | 4.081 | 178.726 | 1 | 14.705 |
| 9/12/2018 8:30 | 556200 | 142.56 | 21.458 | 324.938 | 5595.063 | 6001.036 | 3.301 | 4.081 | 178.729 | 1 | 14.704 |
| 9/12/2018 8:45 | 557100 | 142.561 | 21.462 | 324.941 | 5595.198 | 6000.75 | 3.301 | 4.081 | 178.725 | 1 | 14.705 |
| 9/12/2018 9:00 | 558000 | 142.55 | 21.458 | 324.915 | 5595.145 | 6001.091 | 3.301 | 4.081 | 178.726 | 1 | 14.713 |
| 9/12/2018 9:15 | 558900 | 142.555 | 21.465 | 324.926 | 5594.796 | 5999.901 | 3.301 | 4.08 | 178.738 | 1 | 14.711 |
| 9/12/2018 9:30 | 559800 | 142.552 | 21.462 | 324.92 | 5595.518 | 5999.74 | 3.3 | 4.079 | 178.731 | 1 | 14.714 |
| 9/12/2018 9:45 | 560700 | 142.545 | 21.462 | 324.904 | 5593.684 | 5999.095 | 3.3 | 4.079 | 178.773 | 1 | 14.715 |
| 9/12/2018 10:00 | 561600 | 142.537 | 21.459 | 324.886 | 5593.627 | 5999.335 | 3.3 | 4.08 | 178.775 | 1 | 14.713 |
| 9/12/2018 10:15 | 562500 | 142.532 | 21.46 | 324.875 | 5594.14 | 5999.863 | 3.301 | 4.08 | 178.758 | 1 | 14.724 |
| 9/12/2018 10:30 | 563400 | 142.531 | 21.461 | 324.873 | 5593.916 | 5999.451 | 3.301 | 4.08 | 178.766 | 1 | 14.719 |
| 9/12/2018 10:45 | 564300 | 142.534 | 21.463 | 324.878 | 5594.1 | 5999.445 | 3.301 | 4.08 | 178.776 | 1 | 14.719 |
| 9/12/2018 11:00 | 565200 | 142.535 | 21.465 | 324.875 | 5593.7 | 5998.641 | 3.3 | 4.079 | 178.789 | 1 | 14.719 |
| 9/12/2018 11:15 | 566100 | 142.524 | 21.465 | 324.857 | 5594.4 | 5999.456 | 3.301 | 4.08 | 178.75 | 1 | 14.724 |
| 9/12/2018 11:30 | 567000 | 142.517 | 21.465 | 324.84 | 5593.561 | 5998.62 | 3.3 | 4.079 | 178.777 | 1 | 14.72 |
| 9/12/2018 11:45 | 567900 | 142.505 | 21.472 | 324.813 | 5594.936 | 5999.226 | 3.3 | 4.079 | 178.733 | 1 | 14.725 |
| 9/12/2018 12:00 | 568800 | 142.508 | 21.471 | 324.82 | 5596.225 | 6000.705 | 3.301 | 4.08 | 178.692 | 1 | 14.722 |
| 9/12/2018 12:15 | 569700 | 142.505 | 21.477 | 324.812 | 5597.567 | 6001.424 | 3.302 | 4.081 | 178.649 | 1 | 14.72 |
| 9/12/2018 12:30 | 570600 | 142.499 | 21.477 | 324.798 | 5597.022 | 6000.872 | 3.301 | 4.081 | 178.666 | 1 | 14.72 |
| 9/12/2018 12:45 | 571500 | 142.493 | 21.477 | 324.791 | 5597.04 | 6000.815 | 3.301 | 4.081 | 178.666 | 1 | 14.721 |
| 9/12/2018 13:00 | 572400 | 142.498 | 21.483 | 324.797 | 5599.153 | 6002.373 | 3.302 | 4.082 | 178.598 | 1 | 14.72 |
| 9/12/2018 13:15 | 573300 | 142.49 | 21.482 | 324.778 | 5599.5 | 6002.875 | 3.302 | 4.082 | 178.587 | 1 | 14.715 |
| 9/12/2018 13:30 | 574200 | 142.527 | 21.48 | 324.863 | 5599.256 | 6002.871 | 3.303 | 4.082 | 178.595 | 1 | 14.711 |
| 9/12/2018 13:45 | 575100 | 142.506 | 21.481 | 324.816 | 5599.984 | 6003.543 | 3.303 | 4.082 | 178.572 | 1 | 14.721 |
| 9/12/2018 14:00 | 576000 | 142.482 | 21.481 | 324.761 | 5600.396 | 6003.791 | | | | | |

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|-----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/13/2018 21:30 | 689400 | 142.458 | 21.474 | 334.705 | 5556.841 | 5958.058 | 3.276 | 4.051 | 179.958 | 1 | 14.723 |
| 9/13/2018 21:45 | 690300 | 142.452 | 21.471 | 334.692 | 5557.342 | 5959.012 | 3.277 | 4.052 | 179.942 | 1 | 14.722 |
| 9/13/2018 22:00 | 691200 | 142.47 | 21.47 | 334.732 | 5557.126 | 5958.929 | 3.277 | 4.052 | 179.949 | 1 | 14.714 |
| 9/13/2018 22:15 | 692100 | 142.47 | 21.472 | 334.732 | 5558.333 | 5959.902 | 3.277 | 4.053 | 179.91 | 1 | 14.712 |
| 9/13/2018 22:30 | 693000 | 142.456 | 21.467 | 334.701 | 5558.196 | 5960.386 | 3.278 | 4.053 | 179.914 | 1 | 14.716 |
| 9/13/2018 22:45 | 693900 | 142.453 | 21.472 | 334.694 | 5560.061 | 5961.797 | 3.278 | 4.054 | 179.854 | 1 | 14.717 |
| 9/13/2018 23:00 | 694800 | 142.464 | 21.479 | 334.719 | 5561.27 | 5962.444 | 3.279 | 4.054 | 179.831 | 1 | 14.715 |
| 9/13/2018 23:15 | 695700 | 142.451 | 21.475 | 334.689 | 5561.444 | 5962.898 | 3.279 | 4.055 | 179.809 | 1 | 14.712 |
| 9/13/2018 23:30 | 696600 | 142.453 | 21.483 | 334.693 | 5562.658 | 5963.207 | 3.279 | 4.055 | 179.777 | 1 | 14.717 |
| 9/13/2018 23:45 | 697500 | 142.447 | 21.483 | 334.68 | 5562.82 | 5963.455 | 3.279 | 4.055 | 179.765 | 1 | 14.714 |
| 9/14/2018 0:00 | 698400 | 142.445 | 21.481 | 334.677 | 5563.891 | 5964.826 | 3.28 | 4.056 | 179.73 | 1 | 14.713 |
| 9/14/2018 0:15 | 699300 | 142.441 | 21.483 | 334.666 | 5563.896 | 5964.462 | 3.28 | 4.056 | 179.73 | 1 | 14.716 |
| 9/14/2018 0:30 | 700200 | 142.436 | 21.484 | 334.655 | 5564.543 | 5965.133 | 3.28 | 4.056 | 179.709 | 1 | 14.718 |
| 9/14/2018 0:45 | 701100 | 142.437 | 21.483 | 334.657 | 5564.405 | 5965.848 | 3.281 | 4.057 | 179.714 | 1 | 14.723 |
| 9/14/2018 1:00 | 702000 | 142.429 | 21.473 | 334.639 | 5563.594 | 5965.427 | 3.281 | 4.056 | 179.74 | 1 | 14.723 |
| 9/14/2018 1:15 | 702900 | 142.442 | 21.473 | 334.67 | 5564.651 | 5966.539 | 3.281 | 4.057 | 179.706 | 1 | 14.717 |
| 9/14/2018 1:30 | 703800 | 142.439 | 21.473 | 334.663 | 5565.693 | 5967.71 | 3.282 | 4.058 | 179.672 | 1 | 14.721 |
| 9/14/2018 1:45 | 704700 | 142.427 | 21.478 | 334.635 | 5566.466 | 5967.908 | 3.282 | 4.058 | 179.647 | 1 | 14.722 |
| 9/14/2018 2:00 | 705600 | 142.443 | 21.485 | 334.677 | 5567.138 | 5968.26 | 3.282 | 4.058 | 179.626 | 1 | 14.725 |
| 9/14/2018 2:15 | 706500 | 142.468 | 21.475 | 334.729 | 5566.663 | 5968.481 | 3.282 | 4.059 | 179.641 | 1 | 14.721 |
| 9/14/2018 2:30 | 707400 | 142.437 | 21.466 | 334.657 | 5565.469 | 5968.292 | 3.282 | 4.058 | 179.679 | 1 | 14.72 |
| 9/14/2018 2:45 | 708300 | 142.425 | 21.465 | 334.631 | 5565.774 | 5968.811 | 3.283 | 4.059 | 179.67 | 1 | 14.724 |
| 9/14/2018 3:00 | 709200 | 142.452 | 21.467 | 334.692 | 5566.006 | 5968.792 | 3.283 | 4.059 | 179.662 | 1 | 14.716 |
| 9/14/2018 3:15 | 710100 | 142.436 | 21.473 | 334.655 | 5566.213 | 5968.31 | 3.282 | 4.058 | 179.655 | 1 | 14.716 |
| 9/14/2018 3:30 | 711000 | 142.442 | 21.474 | 334.67 | 5567.178 | 5969.152 | 3.283 | 4.059 | 179.624 | 1 | 14.717 |
| 9/14/2018 3:45 | 711900 | 142.441 | 21.475 | 334.666 | 5567.571 | 5969.53 | 3.283 | 4.059 | 179.612 | 1 | 14.717 |
| 9/14/2018 4:00 | 712800 | 142.438 | 21.482 | 334.661 | 5569.55 | 5970.755 | 3.284 | 4.06 | 179.548 | 1 | 14.719 |
| 9/14/2018 4:15 | 713700 | 142.445 | 21.472 | 334.676 | 5569.362 | 5971.76 | 3.284 | 4.061 | 179.554 | 1 | 14.715 |
| 9/14/2018 4:30 | 714600 | 142.454 | 21.473 | 334.696 | 5568.55 | 5970.772 | 3.284 | 4.06 | 179.58 | 1 | 14.713 |
| 9/14/2018 4:45 | 715500 | 142.447 | 21.474 | 334.68 | 5569.709 | 5971.91 | 3.284 | 4.061 | 179.543 | 1 | 14.713 |
| 9/14/2018 5:00 | 716400 | 142.445 | 21.467 | 334.687 | 5570.976 | 5974.058 | 3.286 | 4.062 | 179.502 | 1 | 14.71 |
| 9/14/2018 5:15 | 717300 | 142.454 | 21.478 | 334.696 | 5572.587 | 5974.48 | 3.286 | 4.063 | 179.45 | 1 | 14.704 |
| 9/14/2018 5:30 | 718200 | 142.449 | 21.478 | 334.686 | 5572.229 | 5974.16 | 3.286 | 4.062 | 179.461 | 1 | 14.708 |
| 9/14/2018 5:45 | 719100 | 142.45 | 21.472 | 334.688 | 5572.858 | 5975.531 | 3.286 | 4.063 | 179.441 | 1 | 14.708 |
| 9/14/2018 6:00 | 720000 | 142.453 | 21.466 | 334.695 | 5572.225 | 5975.61 | 3.287 | 4.063 | 179.462 | 1 | 14.71 |
| 9/14/2018 6:15 | 720900 | 142.465 | 21.466 | 334.722 | 5572.315 | 5975.718 | 3.287 | 4.063 | 179.459 | 1 | 14.709 |
| 9/14/2018 6:30 | 721800 | 142.469 | 21.465 | 334.73 | 5573.762 | 5977.366 | 3.288 | 4.065 | 179.412 | 1 | 14.705 |
| 9/14/2018 6:45 | 722700 | 142.467 | 21.465 | 334.726 | 5573.569 | 5977.148 | 3.287 | 4.064 | 179.418 | 1 | 14.707 |
| 9/14/2018 7:00 | 723600 | 142.469 | 21.466 | 334.732 | 5574.916 | 5978.422 | 3.288 | 4.065 | 179.375 | 1 | 14.705 |
| 9/14/2018 7:15 | 724500 | 142.467 | 21.473 | 334.727 | 5575.713 | 5978.517 | 3.288 | 4.065 | 179.349 | 1 | 14.71 |
| 9/14/2018 7:30 | 725400 | 142.468 | 21.469 | 334.728 | 5576.638 | 5979.925 | 3.289 | 4.066 | 179.32 | 1 | 14.707 |
| 9/14/2018 7:45 | 726300 | 142.469 | 21.477 | 334.731 | 5577.128 | 5979.457 | 3.289 | 4.066 | 179.304 | 1 | 14.71 |
| 9/14/2018 8:00 | 727200 | 142.462 | 21.478 | 334.716 | 5577.53 | 5979.823 | 3.289 | 4.066 | 179.291 | 1 | 14.715 |
| 9/14/2018 8:15 | 728100 | 142.466 | 21.474 | 334.724 | 5578.737 | 5981.898 | 3.29 | 4.068 | 179.252 | 1 | 14.712 |
| 9/14/2018 8:30 | 729000 | 142.471 | 21.474 | 334.737 | 5579.579 | 5982.469 | 3.291 | 4.068 | 179.225 | 1 | 14.708 |
| 9/14/2018 8:45 | 729900 | 142.467 | 21.477 | 334.727 | 5580.121 | 5982.731 | 3.291 | 4.068 | 179.208 | 1 | 14.709 |
| 9/14/2018 9:00 | 730800 | 142.471 | 21.475 | 334.735 | 5581.048 | 5983.938 | 3.291 | 4.069 | 179.178 | 1 | 14.709 |
| 9/14/2018 9:15 | 731700 | 142.506 | 21.479 | 334.815 | 5581.775 | 5984.215 | 3.292 | 4.069 | 179.154 | 1 | 14.707 |
| 9/14/2018 9:30 | 732600 | 142.474 | 21.478 | 334.741 | 5581.459 | 5984.057 | 3.292 | 4.069 | 179.165 | 1 | 14.704 |
| 9/14/2018 9:45 | 733500 | 142.48 | 21.475 | 334.756 | 5581.844 | 5984.791 | 3.292 | 4.07 | 179.152 | 1 | 14.706 |
| 9/14/2018 10:00 | 734400 | 142.473 | 21.479 | 334.739 | 5582.629 | 5985.183 | 3.292 | 4.07 | 179.127 | 1 | 14.713 |
| 9/14/2018 10:15 | 735300 | 142.475 | 21.478 | 334.745 | 5583.192 | 5985.85 | 3.293 | 4.07 | 179.109 | 1 | 14.713 |
| 9/14/2018 10:30 | 736200 | 142.481 | 21.483 | 334.758 | 5584.063 | 5986.174 | 3.293 | 4.071 | 179.081 | 1 | 14.709 |
| 9/14/2018 10:45 | 737100 | 142.479 | 21.479 | 334.753 | 5584.7 | 5987.318 | 3.293 | 4.071 | 179.061 | 1 | 14.705 |
| 9/14/2018 11:00 | 738000 | 142.475 | 21.481 | 334.744 | 5585.157 | 5987.583 | 3.294 | 4.072 | 179.046 | 1 | 14.706 |
| 9/14/2018 11:15 | 738900 | 142.476 | 21.485 | 334.748 | 5585.759 | 5987.758 | 3.294 | 4.072 | 179.027 | 1 | 14.704 |
| 9/14/2018 11:30 | 739800 | 142.481 | 21.482 | 334.757 | 5585.857 | 5988.195 | 3.294 | 4.072 | 179.024 | 1 | 14.706 |
| 9/14/2018 11:45 | 740700 | 142.476 | 21.48 | 334.746 | 5584.999 | 5987.575 | 3.294 | 4.072 | 179.051 | 1 | 14.705 |
| 9/14/2018 12:00 | 741600 | 142.477 | 21.484 | 334.749 | 5585.533 | 5988.694 | 3.294 | 4.072 | 179.002 | 1 | 14.706 |
| 9/14/2018 12:15 | 742500 | 142.472 | 21.483 | 334.737 | 5586.307 | 5988.569 | 3.294 | 4.072 | 179.009 | 1 | 14.705 |
| 9/14/2018 12:30 | 743400 | 142.474 | 21.482 | 334.741 | 5585.892 | 5988.242 | 3.294 | 4.072 | 179.022 | 1 | 14.706 |
| 9/14/2018 12:45 | 744300 | 142.48 | 21.485 | 334.739 | 5586.73 | 5989.203 | 3.295 | 4.073 | 178.989 | 1 | 14.702 |
| 9/14/2018 13:00 | 745200 | 142.466 | 21.487 | 334.725 | 5587.877 | 5989.813 | 3.295 | 4.073 | 178.959 | 1 | 14.701 |
| 9/14/2018 13:15 | 746100 | 142.484 | 21.478 | 334.765 | 5587.532 | 5990.567 | 3.295 | 4.074 | 178.97 | 1 | 14.695 |
| 9/14/2018 13:30 | 747000 | 142.476 | 21.482 | 334.747 | 5588.297 | 5990.842 | 3.295 | 4.074 | 178.945 | 1 | 14.692 |
| 9/14/2018 13:45 | 747900 | 142.488 | 21.484 | 334.774 | 5587.737 | 5990.059 | 3.295 | 4.073 | 178.963 | 1 | 14.692 |
| 9/14/2018 14:00 | 748800 | 142.477 | 21.482 | 334.748 | 5588.578 | 5991.133 | 3.296 | 4.074 | 178.936 | 1 | 14.693 |
| 9/14/2018 14:15 | 749700 | 142.485 | 21.485 | 334.748 | 5588.596 | 5991.577 | 3.296 | 4.074 | 178.906 | 1 | 14.696 |
| 9/14/2018 14:30 | 750600 | 142.485 | 21.485 | 334.766 | 5589.382 | 5991.61 | 3.296 | 4.074 | 178.911 | 1 | 14.685 |
| 9/14/2018 14:45 | 751500 | 142.475 | 21.488 | 334.744 | 5589.932 | 5991.845 | 3.296 | 4.074 | 178.893 | 1 | 14.685 |
| 9/14/2018 15:00 | 752400 | 142.489 | 21.484 | 334.777 | 5589.544 | 5991.911 | 3.296 | 4.074 | 178.905 | 1 | 14.681 |
| 9/14/2018 15:15 | 753300 | 142.477 | 21.486 | 334.75 | 5589.66 | 5991.854 | 3.296 | 4.074 | 178.902 | 1 | 14.682 |
| 9/14/2018 15:30 | 754200 | 142.477 | 21.483 | 334.749 | 5590.327 | 5992.954 | 3.297 | 4.075 | 178.88 | 1 | 14.688 |
| 9/14/2018 15:45 | 755100 | 142.48 | 21.485 | 334.748 | 5591.445 | 5993.745 | 3.297 | 4.076 | 178.841 | 1 | 14.684 |
| 9/14/2018 16:00 | 756000 | 142.488 | 21.484 | 334.774 | 5590.506 | 5992.942 | 3.297 | 4.075 | 178.875 | 1 | 14.683 |
| 9/14/2018 16:15 | 756900 | 142.489 | 21.486 | 334.776 | 5590.795 | 5993.037 | 3.297 | 4.075 | 178.865 | 1 | 14.681 |
| 9/14/2018 16:30 | 757800 | 142.495 | 21.488 | 334.791 | 5591.845 | 5993.97 | 3.297 | 4.076 | 178.832 | 1 | 14.679 |
| 9/14/2018 16:45 | 758700 | 142.494 | 21.486 | 334.787 | 5590.907 | 5993.191 | 3.297 | 4.075 | 178.862 | 1 | 14.678 |
| 9/14/2018 17:00 | 759600 | 142.496 | 21.485 | 334.793 | 5591.164 | 5993.53 | 3.297 | 4.076 | 178.854 | 1 | 14.675 |
| 9/14/2018 17:15 | 760500 | 142.502 | 21.486 | 334.806 | 5592.564 | 5994.564 | 3.297 | 4.075 | 178.879 | 1 | 14.678 |
| 9/14/2018 17:30 | 761400 | 142.504 | 21.489 | 334.811 | 5592.523 | 5994.461 | 3.298 | 4.076 | 178.871 | 1 | 14.672 |
| 9/14/2018 17:45 | 762300 | 142.499 | 21.489 | 334.799 | 5592.234 | 5994.228 | 3.297 | 4.076 | 178.819 | 1 | 14.673 |
| 9/14/2018 18:00 | 763200 | 142.536 | 21.489 | 334.884 | 5592.5 | 5994.533 | 3.298 | 4.076 | 178.811 | 1 | 14.668 |
| 9/14/2018 18:15 | 764100 | 142.505 | 21.492 | 334.813 | 5593.269 | 5994.982 | 3.298 | 4.076 | 178.786 | 1 | 14.669 |
| 9/14/2018 18:30 | 765000 | 142.499 | 21.49 | 334.8 | 5592.938 | 5994.853 | 3.298 | 4.076 | 178.797 | 1 | 14.675 |
| 9/14/2018 18:45 | 765900 | 142.52 | | | | | | | | | |

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|-----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/16/2018 2:15 | 879300 | 142.427 | 21.489 | 334.635 | 5594.14 | 5996.303 | 3.299 | 4.077 | 178.758 | 1 | 14.717 |
| 9/16/2018 2:30 | 880200 | 142.425 | 21.492 | 334.631 | 5594.399 | 5996.14 | 3.299 | 4.077 | 178.75 | 1 | 14.717 |
| 9/16/2018 2:45 | 881100 | 142.423 | 21.492 | 334.625 | 5595.065 | 5996.864 | 3.299 | 4.078 | 178.729 | 1 | 14.714 |
| 9/16/2018 3:00 | 882000 | 142.452 | 21.492 | 334.692 | 5594.506 | 5996.233 | 3.299 | 4.077 | 178.747 | 1 | 14.718 |
| 9/16/2018 3:15 | 882900 | 142.416 | 21.489 | 324.61 | 5594.568 | 5996.719 | 3.299 | 4.078 | 178.745 | 1 | 14.717 |
| 9/16/2018 3:30 | 883800 | 142.418 | 21.491 | 324.615 | 5595.736 | 5997.766 | 3.3 | 4.078 | 178.707 | 1 | 14.717 |
| 9/16/2018 3:45 | 884700 | 142.416 | 21.491 | 324.615 | 5596.45 | 5998.45 | 3.3 | 4.078 | 178.882 | 1 | 14.72 |
| 9/16/2018 4:00 | 885600 | 142.419 | 21.488 | 324.616 | 5595.383 | 5997.699 | 3.3 | 4.078 | 178.719 | 1 | 14.712 |
| 9/16/2018 4:15 | 886500 | 142.414 | 21.486 | 324.605 | 5595.411 | 5998.007 | 3.3 | 4.079 | 178.718 | 1 | 14.714 |
| 9/16/2018 4:30 | 887400 | 142.412 | 21.493 | 324.6 | 5595.976 | 5997.766 | 3.3 | 4.078 | 178.716 | 1 | 14.716 |
| 9/16/2018 4:45 | 888300 | 142.41 | 21.492 | 324.596 | 5596.392 | 5998.265 | 3.3 | 4.079 | 178.687 | 1 | 14.715 |
| 9/16/2018 5:00 | 889200 | 142.41 | 21.492 | 324.596 | 5595.642 | 5997.439 | 3.299 | 4.078 | 178.71 | 1 | 14.716 |
| 9/16/2018 5:15 | 890100 | 142.403 | 21.493 | 324.603 | 5596.35 | 5998.461 | 3.3 | 4.079 | 178.679 | 1 | 14.72 |
| 9/16/2018 5:30 | 891000 | 142.405 | 21.494 | 324.586 | 5596.658 | 5998.357 | 3.3 | 4.079 | 178.678 | 1 | 14.716 |
| 9/16/2018 5:45 | 891900 | 142.412 | 21.498 | 324.6 | 5598.437 | 5999.771 | 3.301 | 4.08 | 178.621 | 1 | 14.72 |
| 9/16/2018 6:00 | 892800 | 142.44 | 21.497 | 324.665 | 5597.086 | 5998.43 | 3.3 | 4.079 | 178.664 | 1 | 14.726 |
| 9/16/2018 6:15 | 893700 | 142.411 | 21.496 | 324.598 | 5598.378 | 5999.9 | 3.301 | 4.08 | 178.623 | 1 | 14.718 |
| 9/16/2018 6:30 | 894600 | 142.439 | 21.497 | 324.662 | 5598.38 | 5999.838 | 3.301 | 4.08 | 178.623 | 1 | 14.724 |
| 9/16/2018 6:45 | 895500 | 142.443 | 21.495 | 324.625 | 5598.205 | 5999.609 | 3.301 | 4.08 | 178.629 | 1 | 14.729 |
| 9/16/2018 7:00 | 896400 | 142.418 | 21.493 | 324.614 | 5598.785 | 6000.766 | 3.301 | 4.081 | 178.61 | 1 | 14.726 |
| 9/16/2018 7:15 | 897300 | 142.412 | 21.488 | 324.6 | 5597.416 | 5999.846 | 3.301 | 4.08 | 178.654 | 1 | 14.727 |
| 9/16/2018 7:30 | 898200 | 142.42 | 21.479 | 324.618 | 5596.369 | 5999.829 | 3.301 | 4.08 | 178.687 | 1 | 14.729 |
| 9/16/2018 7:45 | 899100 | 142.414 | 21.474 | 324.605 | 5594.313 | 5998.301 | 3.3 | 4.079 | 178.753 | 1 | 14.735 |
| 9/16/2018 8:00 | 900000 | 142.404 | 21.486 | 324.583 | 5596.453 | 5999.082 | 3.3 | 4.079 | 178.685 | 1 | 14.737 |
| 9/16/2018 8:15 | 900900 | 142.413 | 21.487 | 324.623 | 5596.39 | 5998.917 | 3.3 | 4.079 | 178.687 | 1 | 14.737 |
| 9/16/2018 8:30 | 901800 | 142.416 | 21.487 | 324.609 | 5595.146 | 5997.552 | 3.299 | 4.078 | 178.726 | 1 | 14.732 |
| 9/16/2018 8:45 | 902700 | 142.419 | 21.488 | 324.616 | 5596.106 | 5998.506 | 3.3 | 4.079 | 178.696 | 1 | 14.735 |
| 9/16/2018 9:00 | 903600 | 142.408 | 21.483 | 324.593 | 5595.029 | 5997.909 | 3.3 | 4.079 | 178.73 | 1 | 14.734 |
| 9/16/2018 9:15 | 904500 | 142.414 | 21.482 | 324.605 | 5594.805 | 5997.873 | 3.3 | 4.079 | 178.737 | 1 | 14.734 |
| 9/16/2018 9:30 | 905400 | 142.427 | 21.483 | 324.635 | 5595.774 | 5998.762 | 3.3 | 4.079 | 178.706 | 1 | 14.733 |
| 9/16/2018 9:45 | 906300 | 142.445 | 21.487 | 324.682 | 5595.343 | 5998.654 | 3.3 | 4.079 | 178.79 | 1 | 14.748 |
| 9/16/2018 10:00 | 907200 | 142.423 | 21.475 | 324.626 | 5594.346 | 5998.238 | 3.3 | 4.079 | 178.752 | 1 | 14.735 |
| 9/16/2018 10:15 | 908100 | 142.42 | 21.473 | 324.618 | 5594.785 | 5998.935 | 3.3 | 4.079 | 178.738 | 1 | 14.738 |
| 9/16/2018 10:30 | 909000 | 142.422 | 21.473 | 324.624 | 5593.646 | 5997.681 | 3.299 | 4.078 | 178.774 | 1 | 14.745 |
| 9/16/2018 10:45 | 909900 | 142.418 | 21.475 | 324.615 | 5593.854 | 5997.699 | 3.3 | 4.078 | 178.768 | 1 | 14.742 |
| 9/16/2018 11:00 | 910800 | 142.424 | 21.476 | 324.628 | 5594.212 | 5997.966 | 3.3 | 4.079 | 178.756 | 1 | 14.744 |
| 9/16/2018 11:15 | 911700 | 142.424 | 21.476 | 324.628 | 5594.217 | 5997.123 | 3.299 | 4.078 | 178.753 | 1 | 14.736 |
| 9/16/2018 11:30 | 912600 | 142.417 | 21.482 | 324.613 | 5597.226 | 6000.404 | 3.301 | 4.08 | 178.666 | 1 | 14.743 |
| 9/16/2018 11:45 | 913500 | 142.428 | 21.48 | 324.637 | 5596.599 | 5999.967 | 3.301 | 4.08 | 178.68 | 1 | 14.737 |
| 9/16/2018 12:00 | 914400 | 142.455 | 21.49 | 324.699 | 5598.726 | 6001.035 | 3.301 | 4.081 | 178.612 | 1 | 14.734 |
| 9/16/2018 12:15 | 915300 | 142.426 | 21.487 | 324.634 | 5597.364 | 5999.95 | 3.301 | 4.08 | 178.656 | 1 | 14.736 |
| 9/16/2018 12:30 | 916200 | 142.423 | 21.488 | 324.626 | 5597.462 | 5999.917 | 3.301 | 4.08 | 178.652 | 1 | 14.735 |
| 9/16/2018 12:45 | 917100 | 142.422 | 21.484 | 324.623 | 5598.216 | 6001.251 | 3.302 | 4.081 | 178.628 | 1 | 14.738 |
| 9/16/2018 12:45 | 918000 | 142.427 | 21.483 | 324.627 | 5598.559 | 6001.146 | 3.302 | 4.081 | 178.605 | 1 | 14.735 |
| 9/16/2018 13:15 | 918900 | 142.434 | 21.489 | 324.652 | 5600.018 | 6002.581 | 3.302 | 4.082 | 178.571 | 1 | 14.73 |
| 9/16/2018 13:30 | 919800 | 142.436 | 21.489 | 324.656 | 5600.059 | 6002.615 | 3.302 | 4.082 | 178.57 | 1 | 14.727 |
| 9/16/2018 13:45 | 920700 | 142.473 | 21.49 | 324.741 | 5600.739 | 6003.183 | 3.303 | 4.082 | 178.548 | 1 | 14.727 |
| 9/16/2018 14:00 | 921600 | 142.433 | 21.486 | 324.649 | 5600.705 | 6003.704 | 3.303 | 4.083 | 178.549 | 1 | 14.73 |
| 9/16/2018 14:15 | 922500 | 142.441 | 21.491 | 324.666 | 5601.021 | 6003.355 | 3.303 | 4.082 | 178.539 | 1 | 14.735 |
| 9/16/2018 14:30 | 923400 | 142.482 | 21.491 | 324.761 | 5601.066 | 6003.436 | 3.303 | 4.082 | 178.537 | 1 | 14.725 |
| 9/16/2018 14:45 | 924300 | 142.446 | 21.491 | 324.679 | 5602.412 | 6004.921 | 3.304 | 4.083 | 178.495 | 1 | 14.724 |
| 9/16/2018 15:00 | 925200 | 142.45 | 21.492 | 324.688 | 5601.85 | 6004.148 | 3.303 | 4.083 | 178.512 | 1 | 14.72 |
| 9/16/2018 15:15 | 926100 | 142.453 | 21.494 | 324.694 | 5602.603 | 6004.75 | 3.304 | 4.083 | 178.488 | 1 | 14.716 |
| 9/16/2018 15:30 | 927000 | 142.452 | 21.495 | 324.692 | 5602.457 | 6004.486 | 3.304 | 4.083 | 178.493 | 1 | 14.717 |
| 9/16/2018 15:45 | 927900 | 142.458 | 21.493 | 324.705 | 5604.149 | 6006.429 | 3.305 | 4.084 | 178.439 | 1 | 14.711 |
| 9/16/2018 16:00 | 928800 | 142.447 | 21.488 | 324.68 | 5603.226 | 6006.159 | 3.304 | 4.084 | 178.465 | 1 | 14.717 |
| 9/16/2018 16:15 | 929700 | 142.463 | 21.489 | 324.717 | 5602.878 | 6005.616 | 3.304 | 4.084 | 178.48 | 1 | 14.711 |
| 9/16/2018 16:30 | 930600 | 142.472 | 21.491 | 324.738 | 5602.77 | 6005.22 | 3.304 | 4.084 | 178.483 | 1 | 14.708 |
| 9/16/2018 16:45 | 931500 | 142.461 | 21.492 | 324.713 | 5602.308 | 6004.605 | 3.304 | 4.083 | 178.498 | 1 | 14.711 |
| 9/16/2018 17:00 | 932400 | 142.49 | 21.492 | 324.78 | 5603.736 | 6006.169 | 3.305 | 4.084 | 178.452 | 1 | 14.701 |
| 9/16/2018 17:15 | 933300 | 142.472 | 21.493 | 324.738 | 5603.01 | 6005.251 | 3.304 | 4.084 | 178.476 | 1 | 14.704 |
| 9/16/2018 17:30 | 934200 | 142.479 | 21.493 | 324.739 | 5603.917 | 6005.836 | 3.304 | 4.084 | 178.447 | 1 | 14.707 |
| 9/16/2018 17:45 | 935100 | 142.483 | 21.495 | 324.764 | 5604.202 | 6006.346 | 3.305 | 4.084 | 178.438 | 1 | 14.703 |
| 9/16/2018 18:00 | 936000 | 142.479 | 21.5 | 324.754 | 5605.894 | 6007.546 | 3.305 | 4.085 | 178.384 | 1 | 14.709 |
| 9/16/2018 18:15 | 936900 | 142.488 | 21.499 | 324.774 | 5605.843 | 6007.557 | 3.305 | 4.085 | 178.385 | 1 | 14.708 |
| 9/16/2018 18:30 | 937800 | 142.485 | 21.493 | 324.768 | 5605.515 | 6007.958 | 3.306 | 4.085 | 178.396 | 1 | 14.711 |
| 9/16/2018 18:45 | 938700 | 142.478 | 21.501 | 324.752 | 5606.634 | 6008.179 | 3.306 | 4.086 | 178.36 | 1 | 14.714 |
| 9/16/2018 19:00 | 939600 | 142.487 | 21.498 | 324.782 | 5606.326 | 6008.159 | 3.306 | 4.086 | 178.357 | 1 | 14.717 |
| 9/16/2018 19:15 | 940500 | 142.496 | 21.499 | 324.792 | 5606.471 | 6008.294 | 3.306 | 4.086 | 178.365 | 1 | 14.706 |
| 9/16/2018 19:30 | 941400 | 142.534 | 21.5 | 324.879 | 5607.493 | 6009.175 | 3.306 | 4.086 | 178.333 | 1 | 14.709 |
| 9/16/2018 19:45 | 942300 | 142.491 | 21.498 | 324.781 | 5606.5 | 6008.336 | 3.306 | 4.086 | 178.364 | 1 | 14.71 |
| 9/16/2018 20:00 | 943200 | 142.505 | 21.497 | 324.813 | 5607.548 | 6009.632 | 3.307 | 4.087 | 178.331 | 1 | 14.705 |
| 9/16/2018 20:15 | 944100 | 142.501 | 21.497 | 324.803 | 5606.521 | 6008.498 | 3.306 | 4.086 | 178.364 | 1 | 14.705 |
| 9/16/2018 20:30 | 945000 | 142.496 | 21.497 | 324.792 | 5607.547 | 6009.469 | 3.307 | 4.086 | 178.33 | 1 | 14.713 |
| 9/16/2018 20:45 | 945900 | 142.517 | 21.504 | 324.84 | 5609.464 | 6010.837 | 3.307 | 4.087 | 178.27 | 1 | 14.707 |
| 9/16/2018 21:00 | 946800 | 142.512 | 21.498 | 324.829 | 5607.504 | 6009.446 | 3.306 | 4.086 | 178.332 | 1 | 14.707 |
| 9/16/2018 21:15 | 947700 | 142.516 | 21.489 | 324.839 | 5607.129 | 6010.14 | 3.307 | 4.087 | 178.344 | 1 | 14.708 |
| 9/16/2018 21:30 | 948600 | 142.532 | 21.47 | 324.875 | 5599.334 | 6004.189 | 3.303 | 4.083 | 178.593 | 1 | 14.707 |
| 9/16/2018 21:45 | 949500 | 142.521 | 21.469 | 324.849 | 5594.45 | 5999.09 | 3.3 | 4.079 | 178.749 | 1 | 14.712 |
| 9/16/2018 22:00 | 950400 | 142.525 | 21.47 | 324.855 | 5592.288 | 5996.622 | 3.299 | 4.078 | 178.818 | 1 | 14.711 |
| 9/16/2018 22:15 | 951300 | 142.526 | 21.472 | 324.861 | 5591.604 | 5995.577 | 3.299 | 4.077 | 178.84 | 1 | 14.711 |
| 9/16/2018 22:30 | 952200 | 142.524 | 21.469 | 324.856 | 5589.524 | 5993.809 | 3.297 | 4.076 | 178.906 | 1 | 14.709 |
| 9/16/2018 22:45 | 953100 | 142.516 | 21.472 | 324.839 | 5590.332 | 5994.235 | 3.297 | 4.076 | 178.868 | 1 | 14.717 |
| 9/16/2018 23:00 | 954000 | 142.529 | 21.471 | 324.868 | 5588.39 | 5992.238 | 3.296 | 4.075 | 178.942 | 1 | 14.712 |
| 9/16/2018 23:15 | 954900 | 142.526 | 21.469 | 324.861 | 5588.447 | 5992.599 | 3.297 | 4.075 | 178.941 | 1 | 14.709 |
| 9/16/2018 23:30 | 955800 | 142.535 | 21.47 | 324.882 | 5587.993 | 5992.8 | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/18/2018 7:00 | 1069200 | 142.563 | 21.509 | 324.944 | 5629.041 | 6031.144 | 3.319 | 4.101 | 177.65 | 1 | 14.722 |
| 9/18/2018 7:15 | 1070100 | 142.565 | 21.506 | 324.949 | 5628.843 | 6031.343 | 3.319 | 4.101 | 177.656 | 1 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 142.555 | 21.484 | 324.927 | 5623.228 | 6028.03 | 3.317 | 4.099 | 177.834 | 1 | 14.725 |
| 9/18/2018 7:45 | 1071900 | 142.569 | 21.482 | 324.958 | 5617.988 | 6022.726 | 3.314 | 4.095 | 178 | 1 | 14.723 |
| 9/18/2018 8:00 | 1072800 | 142.557 | 21.483 | 324.932 | 5615.797 | 6020.238 | 3.313 | 4.094 | 178.069 | 1 | 14.724 |
| 9/18/2018 8:15 | 1073700 | 142.566 | 21.481 | 324.937 | 5613.318 | 6017.794 | 3.311 | 4.092 | 178.148 | 1 | 14.726 |
| 9/18/2018 8:30 | 1074600 | 142.566 | 21.481 | 324.937 | 5611.056 | 6015.401 | 3.311 | 4.09 | 178.22 | 1 | 14.722 |
| 9/18/2018 8:45 | 1075500 | 142.561 | 21.482 | 324.942 | 5611.668 | 6015.876 | 3.31 | 4.091 | 178.2 | 1 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 142.556 | 21.482 | 324.928 | 5610.315 | 6014.403 | 3.309 | 4.09 | 178.243 | 1 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 142.565 | 21.484 | 324.949 | 5608.995 | 6012.836 | 3.308 | 4.089 | 178.285 | 1 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 142.55 | 21.489 | 324.916 | 5608.136 | 6011.305 | 3.308 | 4.088 | 178.312 | 1 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 142.55 | 21.484 | 324.916 | 5605.788 | 6009.398 | 3.307 | 4.086 | 178.387 | 1 | 14.731 |
| 9/18/2018 10:00 | 1080000 | 142.556 | 21.481 | 324.928 | 5605.721 | 6009.608 | 3.307 | 4.087 | 178.389 | 1 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 142.553 | 21.487 | 324.922 | 5605.751 | 6008.973 | 3.306 | 4.086 | 178.388 | 1 | 14.73 |
| 9/18/2018 10:30 | 1081800 | 142.557 | 21.489 | 324.93 | 5605.54 | 6008.458 | 3.306 | 4.086 | 178.395 | 1 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 142.555 | 21.487 | 324.927 | 5603.993 | 6007.098 | 3.305 | 4.085 | 178.444 | 1 | 14.726 |
| 9/18/2018 11:00 | 1083600 | 142.552 | 21.487 | 324.921 | 5604.116 | 6007.22 | 3.305 | 4.085 | 178.44 | 1 | 14.728 |
| 9/18/2018 11:15 | 1084500 | 142.551 | 21.49 | 324.919 | 5604.328 | 6007.018 | 3.305 | 4.085 | 178.434 | 1 | 14.728 |
| 9/18/2018 11:30 | 1085400 | 142.552 | 21.487 | 324.92 | 5604.015 | 6007.073 | 3.305 | 4.085 | 178.443 | 1 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 142.554 | 21.485 | 324.925 | 5602.926 | 6006.118 | 3.304 | 4.084 | 178.478 | 1 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 142.553 | 21.492 | 324.921 | 5603.615 | 6006.061 | 3.304 | 4.084 | 178.456 | 1 | 14.727 |
| 9/18/2018 12:15 | 1088100 | 142.561 | 21.491 | 324.941 | 5603.147 | 6005.656 | 3.304 | 4.084 | 178.471 | 1 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 142.548 | 21.496 | 324.911 | 5603.917 | 6005.847 | 3.304 | 4.084 | 178.447 | 1 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 142.552 | 21.497 | 324.919 | 5604.05 | 6005.894 | 3.304 | 4.084 | 178.442 | 1 | 14.723 |
| 9/18/2018 13:00 | 1090800 | 142.553 | 21.498 | 324.927 | 5603.502 | 6005.389 | 3.304 | 4.084 | 178.446 | 1 | 14.721 |
| 9/18/2018 13:15 | 1091700 | 142.551 | 21.496 | 324.917 | 5603.802 | 6005.776 | 3.304 | 4.084 | 178.45 | 1 | 14.717 |
| 9/18/2018 13:30 | 1092600 | 142.547 | 21.497 | 324.91 | 5603.119 | 6004.874 | 3.304 | 4.083 | 178.472 | 1 | 14.713 |
| 9/18/2018 13:45 | 1093500 | 142.556 | 21.498 | 324.929 | 5603.521 | 6005.177 | 3.304 | 4.084 | 178.459 | 1 | 14.716 |
| 9/18/2018 14:00 | 1094400 | 142.551 | 21.498 | 324.918 | 5604.035 | 6005.716 | 3.304 | 4.084 | 178.443 | 1 | 14.709 |
| 9/18/2018 14:15 | 1095300 | 142.562 | 21.501 | 324.944 | 5603.01 | 6004.329 | 3.303 | 4.083 | 178.475 | 1 | 14.709 |
| 9/18/2018 14:30 | 1096200 | 142.557 | 21.503 | 324.932 | 5604.629 | 6005.72 | 3.304 | 4.084 | 178.424 | 1 | 14.703 |
| 9/18/2018 14:45 | 1097100 | 142.581 | 21.507 | 324.987 | 5604.329 | 6004.926 | 3.304 | 4.083 | 178.434 | 1 | 14.704 |
| 9/18/2018 15:00 | 1098000 | 142.554 | 21.508 | 324.926 | 5604.567 | 6005.094 | 3.304 | 4.083 | 178.426 | 1 | 14.702 |
| 9/18/2018 15:15 | 1098900 | 142.548 | 21.505 | 324.912 | 5604.841 | 6005.795 | 3.304 | 4.084 | 178.417 | 1 | 14.704 |
| 9/18/2018 15:30 | 1099800 | 142.549 | 21.504 | 324.912 | 5604.409 | 6005.366 | 3.304 | 4.084 | 178.431 | 1 | 14.7 |
| 9/18/2018 15:45 | 1100700 | 142.54 | 21.508 | 324.893 | 5604.523 | 6005.101 | 3.304 | 4.083 | 178.427 | 1 | 14.704 |
| 9/18/2018 16:00 | 1101600 | 142.55 | 21.506 | 324.915 | 5605.369 | 6005.404 | 3.304 | 4.084 | 178.4 | 1 | 14.698 |
| 9/18/2018 16:15 | 1102500 | 142.553 | 21.505 | 324.87 | 5605.493 | 6006.42 | 3.305 | 4.084 | 178.396 | 1 | 14.705 |
| 9/18/2018 16:30 | 1103400 | 142.533 | 21.502 | 324.877 | 5603.571 | 6004.812 | 3.304 | 4.083 | 178.458 | 1 | 14.704 |
| 9/18/2018 16:45 | 1104300 | 142.529 | 21.5 | 324.868 | 5603.1 | 6004.51 | 3.304 | 4.083 | 178.473 | 1 | 14.701 |
| 9/18/2018 17:00 | 1105200 | 142.573 | 21.498 | 324.968 | 5603.557 | 6005.182 | 3.304 | 4.084 | 178.458 | 1 | 14.694 |
| 9/18/2018 17:15 | 1106100 | 142.527 | 21.493 | 324.863 | 5601.196 | 6003.297 | 3.303 | 4.082 | 178.533 | 1 | 14.695 |
| 9/18/2018 17:30 | 1107000 | 142.518 | 21.489 | 324.843 | 5598.85 | 6001.308 | 3.302 | 4.081 | 178.608 | 1 | 14.697 |
| 9/18/2018 17:45 | 1107900 | 142.521 | 21.486 | 324.85 | 5595.984 | 5998.32 | 3.3 | 4.079 | 178.52 | 1 | 14.692 |
| 9/18/2018 18:00 | 1108800 | 142.512 | 21.486 | 324.83 | 5593.081 | 5995.445 | 3.298 | 4.077 | 178.792 | 1 | 14.689 |
| 9/18/2018 18:15 | 1109700 | 142.512 | 21.487 | 324.828 | 5591.739 | 5993.899 | 3.297 | 4.076 | 178.835 | 1 | 14.692 |
| 9/18/2018 18:30 | 1110600 | 142.505 | 21.489 | 324.812 | 5589.477 | 5991.272 | 3.296 | 4.074 | 178.908 | 1 | 14.689 |
| 9/18/2018 18:45 | 1111500 | 142.491 | 21.49 | 324.78 | 5589.231 | 5990.826 | 3.295 | 4.074 | 178.915 | 1 | 14.688 |
| 9/18/2018 19:00 | 1112400 | 142.479 | 21.492 | 324.753 | 5589.637 | 5991.058 | 3.296 | 4.074 | 178.902 | 1 | 14.691 |
| 9/18/2018 19:15 | 1113300 | 142.479 | 21.49 | 324.753 | 5589.919 | 5989.461 | 3.295 | 4.073 | 178.958 | 1 | 14.684 |
| 9/18/2018 19:30 | 1114200 | 142.467 | 21.483 | 324.725 | 5584.534 | 5986.733 | 3.293 | 4.071 | 179.066 | 1 | 14.691 |
| 9/18/2018 19:45 | 1115100 | 142.456 | 21.485 | 324.702 | 5583.697 | 5985.557 | 3.292 | 4.07 | 179.093 | 1 | 14.693 |
| 9/18/2018 20:00 | 1116000 | 142.444 | 21.486 | 324.675 | 5582.333 | 5984.021 | 3.291 | 4.069 | 179.137 | 1 | 14.694 |
| 9/18/2018 20:15 | 1116900 | 142.432 | 21.487 | 324.648 | 5581.15 | 5982.528 | 3.291 | 4.068 | 179.175 | 1 | 14.694 |
| 9/18/2018 20:30 | 1117800 | 142.438 | 21.489 | 324.66 | 5581.186 | 5982.32 | 3.291 | 4.068 | 179.173 | 1 | 14.688 |
| 9/18/2018 20:45 | 1118700 | 142.424 | 21.49 | 324.629 | 5580.905 | 5981.901 | 3.29 | 4.068 | 179.182 | 1 | 14.688 |
| 9/18/2018 21:00 | 1119600 | 142.414 | 21.491 | 324.604 | 5580.398 | 5981.251 | 3.29 | 4.067 | 179.199 | 1 | 14.685 |
| 9/18/2018 21:15 | 1120500 | 142.397 | 21.491 | 324.566 | 5579.025 | 5979.78 | 3.289 | 4.066 | 179.243 | 1 | 14.688 |
| 9/18/2018 21:30 | 1121400 | 142.383 | 21.486 | 324.535 | 5579.278 | 5980.671 | 3.29 | 4.067 | 179.235 | 1 | 14.687 |
| 9/18/2018 21:45 | 1122300 | 142.374 | 21.484 | 324.515 | 5576.234 | 5977.662 | 3.288 | 4.065 | 179.333 | 1 | 14.688 |
| 9/18/2018 22:00 | 1123200 | 142.372 | 21.486 | 324.51 | 5574.177 | 5975.278 | 3.286 | 4.063 | 179.399 | 1 | 14.688 |
| 9/18/2018 22:15 | 1124100 | 142.356 | 21.485 | 324.477 | 5571.377 | 5971.677 | 3.285 | 4.062 | 179.462 | 1 | 14.682 |
| 9/18/2018 22:30 | 1125000 | 142.345 | 21.486 | 324.449 | 5571.665 | 5972.477 | 3.285 | 4.061 | 179.48 | 1 | 14.688 |
| 9/18/2018 22:45 | 1125900 | 142.326 | 21.489 | 324.405 | 5570.921 | 5971.383 | 3.284 | 4.061 | 179.504 | 1 | 14.684 |
| 9/18/2018 23:00 | 1126800 | 142.311 | 21.49 | 324.371 | 5569.314 | 5969.509 | 3.283 | 4.059 | 179.555 | 1 | 14.689 |
| 9/18/2018 23:15 | 1127700 | 142.303 | 21.486 | 324.352 | 5568.562 | 5969.173 | 3.283 | 4.059 | 179.58 | 1 | 14.685 |
| 9/18/2018 23:30 | 1128600 | 142.299 | 21.487 | 324.343 | 5566.66 | 5967.017 | 3.282 | 4.058 | 179.641 | 1 | 14.687 |
| 9/18/2018 23:45 | 1129500 | 142.283 | 21.49 | 324.307 | 5564.793 | 5964.907 | 3.28 | 4.056 | 179.702 | 1 | 14.687 |
| 9/19/2018 0:00 | 1130400 | 142.274 | 21.487 | 324.286 | 5565.163 | 5965.487 | 3.281 | 4.057 | 179.689 | 1 | 14.687 |
| 9/19/2018 0:15 | 1131300 | 142.257 | 21.487 | 324.247 | 5563.473 | 5963.569 | 3.279 | 4.055 | 179.744 | 1 | 14.687 |
| 9/19/2018 0:30 | 1132200 | 142.251 | 21.489 | 324.235 | 5561.241 | 5961.039 | 3.278 | 4.054 | 179.816 | 1 | 14.688 |
| 9/19/2018 0:45 | 1133100 | 142.225 | 21.486 | 324.174 | 5559.138 | 5959.048 | 3.277 | 4.052 | 179.884 | 1 | 14.689 |
| 9/19/2018 1:00 | 1134000 | 142.228 | 21.487 | 324.182 | 5558.76 | 5958.623 | 3.277 | 4.052 | 179.896 | 1 | 14.686 |
| 9/19/2018 1:15 | 1134900 | 142.206 | 21.48 | 324.131 | 5555.127 | 5954.807 | 3.274 | 4.049 | 180.014 | 1 | 14.687 |
| 9/19/2018 1:30 | 1135800 | 142.199 | 21.486 | 324.115 | 5551.238 | 5950.688 | 3.272 | 4.046 | 180.14 | 1 | 14.685 |
| 9/19/2018 1:45 | 1136700 | 142.188 | 21.486 | 324.09 | 5549.598 | 5948.866 | 3.271 | 4.045 | 180.193 | 1 | 14.688 |
| 9/19/2018 2:00 | 1137600 | 142.17 | 21.486 | 324.05 | 5546.07 | 5945.149 | 3.269 | 4.043 | 180.308 | 1 | 14.69 |
| 9/19/2018 2:15 | 1138500 | 142.153 | 21.486 | 324.01 | 5542.447 | 5941.211 | 3.266 | 4.04 | 180.426 | 1 | 14.692 |
| 9/19/2018 2:30 | 1139400 | 142.141 | 21.485 | 323.983 | 5536.146 | 5934.332 | 3.262 | 4.035 | 180.611 | 1 | 14.689 |
| 9/19/2018 2:45 | 1140300 | 142.134 | 21.485 | 323.967 | 5534.196 | 5930.287 | 3.26 | 4.033 | 180.76 | 1 | 14.688 |
| 9/19/2018 3:00 | 1141200 | 142.119 | 21.485 | 323.924 | 5531.551 | 5922.949 | 3.256 | 4.028 | 180.984 | 1 | 14.69 |
| 9/19/2018 3:15 | 1142100 | 142.107 | 21.485 | 323.905 | 5529.312 | 5917.61 | 3.253 | 4.024 | 181.149 | 1 | 14.686 |
| 9/19/2018 3:30 | 1143000 | 142.104 | 21.485 | 323.899 | 5514.897 | 5911.775 | 3.249 | 4.02 | 181.327 | 1 | 14.692 |
| 9/19/2018 3:45 | 1143900 | 142.084 | 21.485 | 323.854 | 5508.234 | 5904.664 | 3.245 | 4.015 | 181.546 | 1 | 14.688 |
| 9/19/2018 4:00 | 1144800 | 142.09 | 21.485 | 323.867 | 5502.125 | 5898.158 | 3.241 | 4. | | | |

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|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/20/2018 11:45 | 1259100 | 142.069 | 21.514 | 323.82 | 5424.707 | 5811.695 | 3.19 | 3.952 | 184.342 | 1 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 142.044 | 21.512 | 323.761 | 5425.455 | 5812.715 | 3.191 | 3.953 | 184.316 | 1 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 142.049 | 21.516 | 323.773 | 5427.177 | 5814.114 | 3.192 | 3.954 | 184.258 | 1 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 142.048 | 21.513 | 323.772 | 5426.925 | 5814.145 | 3.192 | 3.954 | 184.266 | 1 | 14.669 |
| 9/20/2018 12:45 | 1262700 | 142.052 | 21.515 | 323.78 | 5427.368 | 5814.338 | 3.192 | 3.954 | 184.251 | 1 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 142.047 | 21.51 | 323.769 | 5427.18 | 5814.822 | 3.192 | 3.954 | 184.258 | 1 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 142.044 | 21.514 | 323.781 | 5427.131 | 5814.605 | 3.192 | 3.954 | 184.259 | 1 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 142.06 | 21.516 | 323.799 | 5428.493 | 5815.471 | 3.193 | 3.955 | 184.213 | 1 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 142.065 | 21.513 | 323.81 | 5429.477 | 5816.93 | 3.194 | 3.956 | 184.18 | 1 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 142.067 | 21.508 | 323.813 | 5428.695 | 5816.634 | 3.193 | 3.955 | 184.206 | 1 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 142.07 | 21.517 | 323.822 | 5429.511 | 5816.51 | 3.193 | 3.955 | 184.179 | 1 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 142.084 | 21.52 | 323.853 | 5430.338 | 5817.01 | 3.194 | 3.956 | 184.151 | 1 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 142.082 | 21.518 | 323.812 | 5430.25 | 5817.343 | 3.194 | 3.956 | 184.148 | 1 | 14.664 |
| 9/20/2018 15:00 | 1270800 | 142.088 | 21.519 | 323.862 | 5430.919 | 5817.696 | 3.194 | 3.956 | 184.131 | 1 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 142.087 | 21.516 | 323.859 | 5430.826 | 5817.949 | 3.194 | 3.956 | 184.134 | 1 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 142.087 | 21.517 | 323.86 | 5431.344 | 5818.462 | 3.194 | 3.957 | 184.117 | 1 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 142.094 | 21.521 | 323.876 | 5432.768 | 5819.521 | 3.195 | 3.957 | 184.068 | 1 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 142.092 | 21.518 | 323.871 | 5432.455 | 5819.476 | 3.195 | 3.957 | 184.079 | 1 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 142.102 | 21.527 | 323.924 | 5433.986 | 5820.786 | 3.196 | 3.958 | 184.041 | 1 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 142.101 | 21.515 | 323.893 | 5433.377 | 5820.787 | 3.196 | 3.958 | 184.048 | 1 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 142.112 | 21.504 | 323.918 | 5431.694 | 5820.347 | 3.196 | 3.958 | 184.105 | 1 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 142.099 | 21.499 | 323.887 | 5430.96 | 5820.09 | 3.195 | 3.958 | 184.13 | 1 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 142.11 | 21.506 | 323.912 | 5432.364 | 5820.855 | 3.196 | 3.958 | 184.082 | 1 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 142.116 | 21.507 | 323.925 | 5432.398 | 5820.694 | 3.196 | 3.958 | 184.081 | 1 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 142.117 | 21.508 | 323.928 | 5432.76 | 5820.884 | 3.196 | 3.958 | 184.078 | 1 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 142.123 | 21.505 | 323.941 | 5432.542 | 5821.129 | 3.196 | 3.958 | 184.076 | 1 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 142.127 | 21.496 | 323.951 | 5432.197 | 5821.843 | 3.196 | 3.959 | 184.088 | 1 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 142.119 | 21.495 | 323.934 | 5431.674 | 5821.417 | 3.196 | 3.959 | 184.105 | 1 | 14.66 |
| 9/20/2018 18:45 | 1284300 | 142.121 | 21.498 | 323.937 | 5433.411 | 5822.904 | 3.197 | 3.96 | 184.046 | 1 | 14.661 |
| 9/20/2018 19:00 | 1285200 | 142.125 | 21.503 | 323.946 | 5434.382 | 5823.362 | 3.197 | 3.96 | 184.014 | 1 | 14.658 |
| 9/20/2018 19:15 | 1286100 | 142.127 | 21.505 | 323.925 | 5435.113 | 5823.864 | 3.198 | 3.96 | 183.989 | 1 | 14.663 |
| 9/20/2018 19:30 | 1287000 | 142.133 | 21.51 | 323.964 | 5437.815 | 5826.134 | 3.199 | 3.962 | 183.897 | 1 | 14.664 |
| 9/20/2018 19:45 | 1287900 | 142.134 | 21.504 | 323.967 | 5438.483 | 5827.662 | 3.2 | 3.963 | 183.875 | 1 | 14.658 |
| 9/20/2018 20:00 | 1288800 | 142.135 | 21.499 | 323.969 | 5437.795 | 5827.415 | 3.2 | 3.963 | 183.898 | 1 | 14.665 |
| 9/20/2018 20:15 | 1289700 | 142.139 | 21.501 | 323.978 | 5440.029 | 5829.579 | 3.201 | 3.964 | 183.823 | 1 | 14.663 |
| 9/20/2018 20:30 | 1290600 | 142.141 | 21.502 | 323.983 | 5441.205 | 5830.819 | 3.202 | 3.965 | 183.783 | 1 | 14.665 |
| 9/20/2018 20:45 | 1291500 | 142.14 | 21.501 | 323.98 | 5441.994 | 5830.888 | 3.202 | 3.965 | 183.759 | 1 | 14.667 |
| 9/20/2018 21:00 | 1292400 | 142.151 | 21.505 | 324.006 | 5443.279 | 5832.635 | 3.203 | 3.966 | 183.712 | 1 | 14.669 |
| 9/20/2018 21:15 | 1293300 | 142.154 | 21.501 | 324.014 | 5444.441 | 5834.37 | 3.204 | 3.967 | 183.674 | 1 | 14.664 |
| 9/20/2018 21:30 | 1294200 | 142.155 | 21.502 | 324.015 | 5444.83 | 5834.63 | 3.204 | 3.968 | 183.66 | 1 | 14.675 |
| 9/20/2018 21:45 | 1295100 | 142.153 | 21.494 | 324.01 | 5444.7 | 5835.461 | 3.204 | 3.968 | 183.665 | 1 | 14.673 |
| 9/20/2018 22:00 | 1296000 | 142.163 | 21.499 | 324.034 | 5445.851 | 5836.163 | 3.205 | 3.969 | 183.626 | 1 | 14.675 |
| 9/20/2018 22:15 | 1296900 | 142.154 | 21.498 | 324.013 | 5446.618 | 5837.08 | 3.205 | 3.969 | 183.6 | 1 | 14.679 |
| 9/20/2018 22:30 | 1297800 | 142.164 | 21.504 | 324.058 | 5447.042 | 5837.29 | 3.206 | 3.97 | 183.586 | 1 | 14.67 |
| 9/20/2018 22:45 | 1298700 | 142.172 | 21.496 | 324.063 | 5448.725 | 5839.596 | 3.207 | 3.971 | 183.529 | 1 | 14.672 |
| 9/20/2018 23:00 | 1299600 | 142.179 | 21.5 | 324.07 | 5449.349 | 5839.785 | 3.207 | 3.971 | 183.508 | 1 | 14.672 |
| 9/20/2018 23:15 | 1300500 | 142.183 | 21.495 | 324.078 | 5449.364 | 5840.314 | 3.207 | 3.971 | 183.508 | 1 | 14.67 |
| 9/20/2018 23:30 | 1301400 | 142.177 | 21.5 | 324.064 | 5450.141 | 5840.634 | 3.207 | 3.972 | 183.482 | 1 | 14.667 |
| 9/20/2018 23:45 | 1302300 | 142.174 | 21.501 | 324.058 | 5451.738 | 5842.17 | 3.208 | 3.973 | 183.428 | 1 | 14.674 |
| 9/21/2018 0:00 | 1303200 | 142.189 | 21.508 | 324.092 | 5453.446 | 5843.332 | 3.209 | 3.974 | 183.37 | 1 | 14.667 |
| 9/21/2018 0:15 | 1304100 | 142.214 | 21.508 | 324.15 | 5454.454 | 5844.274 | 3.211 | 3.974 | 183.336 | 1 | 14.672 |
| 9/21/2018 0:30 | 1305000 | 142.18 | 21.5 | 324.073 | 5455.592 | 5846.382 | 3.211 | 3.976 | 183.298 | 1 | 14.667 |
| 9/21/2018 0:45 | 1305900 | 142.199 | 21.502 | 324.115 | 5456.326 | 5846.97 | 3.211 | 3.976 | 183.273 | 1 | 14.663 |
| 9/21/2018 1:00 | 1306800 | 142.202 | 21.508 | 324.122 | 5458.347 | 5848.404 | 3.212 | 3.977 | 183.206 | 1 | 14.668 |
| 9/21/2018 1:15 | 1307700 | 142.184 | 21.501 | 324.082 | 5457.958 | 5848.855 | 3.212 | 3.977 | 183.219 | 1 | 14.669 |
| 9/21/2018 1:30 | 1308600 | 142.203 | 21.504 | 324.125 | 5459.288 | 5849.935 | 3.213 | 3.978 | 183.174 | 1 | 14.661 |
| 9/21/2018 1:45 | 1309500 | 142.196 | 21.51 | 324.108 | 5461.494 | 5851.536 | 3.214 | 3.979 | 183.1 | 1 | 14.665 |
| 9/21/2018 2:00 | 1310400 | 142.193 | 21.508 | 324.103 | 5461.25 | 5851.578 | 3.214 | 3.979 | 183.108 | 1 | 14.665 |
| 9/21/2018 2:15 | 1311300 | 142.188 | 21.503 | 324.091 | 5461.522 | 5852.477 | 3.214 | 3.98 | 183.099 | 1 | 14.667 |
| 9/21/2018 2:30 | 1312200 | 142.201 | 21.501 | 324.121 | 5462.755 | 5853.933 | 3.215 | 3.981 | 183.058 | 1 | 14.659 |
| 9/21/2018 2:45 | 1313100 | 142.193 | 21.497 | 324.101 | 5462.621 | 5854.333 | 3.215 | 3.981 | 183.062 | 1 | 14.662 |
| 9/21/2018 3:00 | 1314000 | 142.185 | 21.504 | 324.084 | 5463.38 | 5854.981 | 3.216 | 3.982 | 183.037 | 1 | 14.673 |
| 9/21/2018 3:15 | 1314900 | 142.184 | 21.5 | 324.082 | 5464.975 | 5856.438 | 3.217 | 3.982 | 182.983 | 1 | 14.668 |
| 9/21/2018 3:30 | 1315800 | 142.18 | 21.499 | 324.073 | 5465.901 | 5857.534 | 3.217 | 3.983 | 182.952 | 1 | 14.668 |
| 9/21/2018 3:45 | 1316700 | 142.168 | 21.508 | 324.045 | 5467.171 | 5857.922 | 3.218 | 3.983 | 182.91 | 1 | 14.669 |
| 9/21/2018 4:00 | 1317600 | 142.181 | 21.506 | 324.074 | 5467.683 | 5858.7 | 3.218 | 3.984 | 182.893 | 1 | 14.666 |
| 9/21/2018 4:15 | 1318500 | 142.165 | 21.504 | 324.038 | 5470.066 | 5861.484 | 3.22 | 3.986 | 182.813 | 1 | 14.671 |
| 9/21/2018 4:30 | 1319400 | 142.163 | 21.495 | 324.023 | 5468.888 | 5862.128 | 3.22 | 3.986 | 182.853 | 1 | 14.675 |
| 9/21/2018 4:45 | 1320300 | 142.166 | 21.498 | 324.04 | 5470.702 | 5862.9 | 3.22 | 3.987 | 182.792 | 1 | 14.673 |
| 9/21/2018 5:00 | 1321200 | 142.146 | 21.496 | 323.995 | 5470.835 | 5863.188 | 3.221 | 3.987 | 182.787 | 1 | 14.681 |
| 9/21/2018 5:15 | 1322100 | 142.144 | 21.504 | 323.99 | 5471.356 | 5862.877 | 3.22 | 3.987 | 182.77 | 1 | 14.68 |
| 9/21/2018 5:30 | 1323000 | 142.124 | 21.501 | 323.944 | 5472.503 | 5864.453 | 3.221 | 3.988 | 182.732 | 1 | 14.691 |
| 9/21/2018 5:45 | 1323900 | 142.137 | 21.503 | 323.973 | 5472.667 | 5864.419 | 3.221 | 3.988 | 182.726 | 1 | 14.684 |
| 9/21/2018 6:00 | 1324800 | 142.13 | 21.5 | 323.954 | 5473.128 | 5865.267 | 3.221 | 3.988 | 182.709 | 1 | 14.69 |
| 9/21/2018 6:15 | 1325700 | 142.114 | 21.498 | 323.922 | 5473.513 | 5865.891 | 3.222 | 3.989 | 182.698 | 1 | 14.693 |
| 9/21/2018 6:30 | 1326600 | 142.111 | 21.501 | 323.915 | 5475.004 | 5867.05 | 3.223 | 3.99 | 182.648 | 1 | 14.694 |
| 9/21/2018 6:45 | 1327500 | 142.107 | 21.501 | 323.905 | 5475.309 | 5867.438 | 3.223 | 3.99 | 182.638 | 1 | 14.696 |
| 9/21/2018 7:00 | 1328400 | 142.103 | 21.503 | 323.897 | 5475.441 | 5867.296 | 3.223 | 3.99 | 182.634 | 1 | 14.703 |
| 9/21/2018 7:15 | 1329300 | 142.093 | 21.503 | 323.873 | 5476.044 | 5867.995 | 3.223 | 3.99 | 182.614 | 1 | 14.701 |
| 9/21/2018 7:30 | 1330200 | 142.096 | 21.502 | 323.882 | 5477.658 | 5869.19 | 3.224 | 3.991 | 182.56 | 1 | 14.708 |
| 9/21/2018 7:45 | 1331100 | 142.088 | 21.511 | 323.862 | 5478.981 | 5870.167 | 3.225 | 3.992 | 182.516 | 1 | 14.709 |
| 9/21/2018 8:00 | 1332000 | 142.074 | 21.509 | 323.83 | 5479.467 | 5870.938 | 3.225 | 3.992 | 182.5 | 1 | 14.713 |
| 9/21/2018 8:15 | 1332900 | 142.07 | 21.511 | 323.822 | 5481.177 | 5872.561 | 3.226 | 3.993 | 182.443 | 1 | 14.716 |
| 9/21/2018 8:30 | 1333800 | 142.077 | 21.509 | 323.838 | 5480.515 | 5872.051 | 3.226 | 3.993 | 182.465 | 1 | 14.72 |
| 9/21/2018 8:45 | 1334700 | 142.062 | 21.512 | 323.804 | 5481.517 | 5872.789 | 3.226 | 3.993 | 182.431 | | |

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|-----------------|---------|--------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/22/2018 16:30 | 1449000 | 142233 | 21.52 | 334.193 | 5526.182 | 5919.636 | 3.254 | 4.025 | 180.957 | 1 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 142233 | 21.518 | 334.193 | 5526.417 | 5920.143 | 3.254 | 4.026 | 180.949 | 1 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 142252 | 21.519 | 334.236 | 5527.546 | 5921.225 | 3.255 | 4.026 | 180.912 | 1 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 142238 | 21.519 | 334.204 | 5528.022 | 5921.778 | 3.255 | 4.027 | 180.897 | 1 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 142243 | 21.517 | 334.217 | 5527.641 | 5921.612 | 3.255 | 4.027 | 180.909 | 1 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 142252 | 21.516 | 334.235 | 5528.449 | 5922.552 | 3.255 | 4.027 | 180.883 | 1 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 142248 | 21.516 | 334.227 | 5528.566 | 5923.218 | 3.256 | 4.028 | 180.873 | 1 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 142248 | 21.508 | 334.227 | 5528.408 | 5923.546 | 3.256 | 4.028 | 180.884 | 1 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 142248 | 21.516 | 334.226 | 5530.361 | 5924.59 | 3.257 | 4.029 | 180.82 | 1 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 142242 | 21.519 | 334.214 | 5530.808 | 5924.667 | 3.257 | 4.029 | 180.805 | 1 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 14224 | 21.52 | 334.209 | 5531.06 | 5924.883 | 3.257 | 4.029 | 180.797 | 1 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 142247 | 21.518 | 334.226 | 5531.595 | 5925.722 | 3.257 | 4.029 | 180.78 | 1 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 142244 | 21.519 | 334.219 | 5531.991 | 5926.167 | 3.258 | 4.03 | 180.767 | 1 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 142254 | 21.508 | 334.24 | 5530.333 | 5925.587 | 3.257 | 4.029 | 180.821 | 1 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 142245 | 21.517 | 334.22 | 5532.427 | 5926.666 | 3.258 | 4.03 | 180.753 | 1 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 142249 | 21.515 | 334.228 | 5531.835 | 5926.308 | 3.258 | 4.03 | 180.772 | 1 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 142254 | 21.518 | 334.24 | 5532.146 | 5926.238 | 3.258 | 4.03 | 180.762 | 1 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 142244 | 21.521 | 334.218 | 5533.066 | 5926.874 | 3.258 | 4.03 | 180.732 | 1 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 142246 | 21.519 | 334.223 | 5532.998 | 5927.087 | 3.258 | 4.03 | 180.734 | 1 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 14226 | 21.522 | 334.255 | 5534.745 | 5928.597 | 3.259 | 4.031 | 180.677 | 1 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 142251 | 21.524 | 334.233 | 5534.309 | 5927.897 | 3.259 | 4.031 | 180.691 | 1 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 142263 | 21.524 | 334.261 | 5534.85 | 5928.477 | 3.259 | 4.031 | 180.673 | 1 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 142251 | 21.523 | 334.235 | 5535.02 | 5928.701 | 3.259 | 4.032 | 180.668 | 1 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 142263 | 21.527 | 334.261 | 5535.95 | 5929.252 | 3.259 | 4.032 | 180.637 | 1 | 14.694 |
| 9/22/2018 22:30 | 1470600 | 142263 | 21.519 | 334.266 | 5535.794 | 5929.651 | 3.26 | 4.032 | 180.643 | 1 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 142269 | 21.512 | 334.274 | 5534.767 | 5929.797 | 3.26 | 4.032 | 180.676 | 1 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 142257 | 21.52 | 334.248 | 5535.956 | 5930.128 | 3.26 | 4.032 | 180.637 | 1 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 142276 | 21.526 | 334.291 | 5536.906 | 5930.457 | 3.26 | 4.033 | 180.606 | 1 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 142275 | 21.522 | 334.289 | 5536.181 | 5930.157 | 3.26 | 4.033 | 180.63 | 1 | 14.691 |
| 9/22/2018 23:45 | 1475100 | 142272 | 21.519 | 334.281 | 5537.478 | 5931.854 | 3.261 | 4.034 | 180.588 | 1 | 14.694 |
| 9/23/2018 0:00 | 1476000 | 142267 | 21.52 | 334.262 | 5537.972 | 5932.287 | 3.261 | 4.034 | 180.572 | 1 | 14.695 |
| 9/23/2018 0:15 | 1476900 | 142263 | 21.525 | 334.261 | 5538.051 | 5931.768 | 3.261 | 4.034 | 180.569 | 1 | 14.697 |
| 9/23/2018 0:30 | 1477800 | 142282 | 21.518 | 334.304 | 5537.898 | 5932.421 | 3.261 | 4.034 | 180.574 | 1 | 14.693 |
| 9/23/2018 0:45 | 1478700 | 14227 | 21.517 | 334.276 | 5538.723 | 5933.431 | 3.262 | 4.035 | 180.547 | 1 | 14.698 |
| 9/23/2018 1:00 | 1479600 | 142277 | 21.516 | 334.293 | 5538.184 | 5933.002 | 3.262 | 4.034 | 180.565 | 1 | 14.69 |
| 9/23/2018 1:15 | 1480500 | 142282 | 21.516 | 334.304 | 5538.084 | 5932.896 | 3.262 | 4.034 | 180.568 | 1 | 14.693 |
| 9/23/2018 1:30 | 1481400 | 142271 | 21.52 | 334.278 | 5538.494 | 5933.428 | 3.262 | 4.035 | 180.554 | 1 | 14.696 |
| 9/23/2018 1:45 | 1482300 | 142277 | 21.523 | 334.293 | 5538.992 | 5934.026 | 3.262 | 4.035 | 180.506 | 1 | 14.686 |
| 9/23/2018 2:00 | 1483200 | 142285 | 21.514 | 334.312 | 5539.313 | 5934.436 | 3.262 | 4.035 | 180.528 | 1 | 14.691 |
| 9/23/2018 2:15 | 1484100 | 14229 | 21.513 | 334.324 | 5538.298 | 5934.474 | 3.262 | 4.035 | 180.561 | 1 | 14.688 |
| 9/23/2018 2:30 | 1485000 | 142288 | 21.523 | 334.317 | 5540.211 | 5934.284 | 3.262 | 4.035 | 180.499 | 1 | 14.691 |
| 9/23/2018 2:45 | 1485900 | 142285 | 21.523 | 334.313 | 5540.453 | 5934.563 | 3.263 | 4.036 | 180.491 | 1 | 14.694 |
| 9/23/2018 3:00 | 1486800 | 142292 | 21.522 | 334.327 | 5540.8 | 5935.03 | 3.263 | 4.036 | 180.479 | 1 | 14.681 |
| 9/23/2018 3:15 | 1487700 | 142277 | 21.519 | 334.316 | 5541.01 | 5935.203 | 3.263 | 4.036 | 180.47 | 1 | 14.693 |
| 9/23/2018 3:30 | 1488600 | 142292 | 21.52 | 334.326 | 5540.372 | 5934.879 | 3.263 | 4.036 | 180.493 | 1 | 14.687 |
| 9/23/2018 3:45 | 1489500 | 142315 | 21.521 | 334.38 | 5541.8 | 5936.208 | 3.263 | 4.037 | 180.447 | 1 | 14.682 |
| 9/23/2018 4:00 | 1490400 | 142281 | 21.522 | 334.302 | 5541.504 | 5935.869 | 3.263 | 4.036 | 180.456 | 1 | 14.689 |
| 9/23/2018 4:15 | 1491300 | 14229 | 21.521 | 334.324 | 5542.379 | 5936.85 | 3.264 | 4.037 | 180.428 | 1 | 14.682 |
| 9/23/2018 4:30 | 1492200 | 142287 | 21.515 | 334.316 | 5541.74 | 5936.888 | 3.264 | 4.037 | 180.449 | 1 | 14.688 |
| 9/23/2018 4:45 | 1493100 | 142285 | 21.519 | 334.311 | 5543.343 | 5938.126 | 3.265 | 4.038 | 180.397 | 1 | 14.679 |
| 9/23/2018 5:00 | 1494000 | 142283 | 21.523 | 334.306 | 5543.677 | 5937.984 | 3.265 | 4.038 | 180.386 | 1 | 14.686 |
| 9/23/2018 5:15 | 1494900 | 14229 | 21.524 | 334.323 | 5543.932 | 5938.131 | 3.265 | 4.038 | 180.377 | 1 | 14.678 |
| 9/23/2018 5:30 | 1495800 | 14228 | 21.523 | 334.301 | 5545.328 | 5939.817 | 3.266 | 4.039 | 180.332 | 1 | 14.682 |
| 9/23/2018 5:45 | 1496700 | 142277 | 21.524 | 334.294 | 5544.434 | 5938.711 | 3.265 | 4.038 | 180.361 | 1 | 14.682 |
| 9/23/2018 6:00 | 1497600 | 142282 | 21.526 | 334.304 | 5545.414 | 5939.579 | 3.265 | 4.039 | 180.329 | 1 | 14.679 |
| 9/23/2018 6:15 | 1498500 | 142286 | 21.53 | 334.288 | 5546.213 | 5940.398 | 3.266 | 4.039 | 180.287 | 1 | 14.691 |
| 9/23/2018 6:30 | 1499400 | 142282 | 21.528 | 334.305 | 5545.87 | 5939.751 | 3.266 | 4.039 | 180.314 | 1 | 14.686 |
| 9/23/2018 6:45 | 1500300 | 142286 | 21.527 | 334.313 | 5545.836 | 5939.905 | 3.266 | 4.039 | 180.315 | 1 | 14.685 |
| 9/23/2018 7:00 | 1501200 | 142279 | 21.52 | 334.297 | 5545.346 | 5940.176 | 3.266 | 4.039 | 180.331 | 1 | 14.686 |
| 9/23/2018 7:15 | 1502100 | 142291 | 21.521 | 334.326 | 5547.562 | 5942.433 | 3.267 | 4.041 | 180.259 | 1 | 14.681 |
| 9/23/2018 7:30 | 1503000 | 142294 | 21.524 | 334.333 | 5546.909 | 5941.425 | 3.267 | 4.04 | 180.281 | 1 | 14.686 |
| 9/23/2018 7:45 | 1503900 | 142286 | 21.519 | 334.316 | 5548.991 | 5942.891 | 3.267 | 4.041 | 180.213 | 1 | 14.688 |
| 9/23/2018 8:00 | 1504800 | 14228 | 21.524 | 334.3 | 5548.04 | 5942.626 | 3.267 | 4.041 | 180.244 | 1 | 14.695 |
| 9/23/2018 8:15 | 1505700 | 14227 | 21.52 | 334.276 | 5548.436 | 5943.454 | 3.268 | 4.042 | 180.231 | 1 | 14.7 |
| 9/23/2018 8:30 | 1506600 | 142273 | 21.52 | 334.284 | 5547.825 | 5942.789 | 3.267 | 4.041 | 180.251 | 1 | 14.698 |
| 9/23/2018 8:45 | 1507500 | 142274 | 21.521 | 334.287 | 5549.325 | 5944.353 | 3.268 | 4.042 | 180.202 | 1 | 14.701 |
| 9/23/2018 9:00 | 1508400 | 142285 | 21.521 | 334.311 | 5549.358 | 5944.357 | 3.268 | 4.042 | 180.201 | 1 | 14.703 |
| 9/23/2018 9:15 | 1509300 | 142275 | 21.52 | 334.288 | 5549.15 | 5944.288 | 3.268 | 4.042 | 180.209 | 1 | 14.708 |
| 9/23/2018 9:30 | 1510200 | 142282 | 21.522 | 334.305 | 5549.655 | 5945.559 | 3.268 | 4.042 | 180.191 | 1 | 14.703 |
| 9/23/2018 9:45 | 1511100 | 142273 | 21.527 | 334.283 | 5550.665 | 5944.991 | 3.269 | 4.043 | 180.159 | 1 | 14.706 |
| 9/23/2018 10:00 | 1512000 | 14227 | 21.531 | 334.276 | 5551.224 | 5945.092 | 3.269 | 4.043 | 180.14 | 1 | 14.709 |
| 9/23/2018 10:15 | 1512900 | 142265 | 21.532 | 334.267 | 5550.905 | 5944.687 | 3.268 | 4.042 | 180.151 | 1 | 14.712 |
| 9/23/2018 10:30 | 1513800 | 142277 | 21.525 | 334.293 | 5551.328 | 5945.925 | 3.269 | 4.043 | 180.137 | 1 | 14.708 |
| 9/23/2018 10:45 | 1514700 | 142293 | 21.527 | 334.303 | 5551.445 | 5946.039 | 3.269 | 4.043 | 180.133 | 1 | 14.705 |
| 9/23/2018 11:00 | 1515600 | 142274 | 21.526 | 334.286 | 5551.852 | 5946.434 | 3.269 | 4.044 | 180.12 | 1 | 14.702 |
| 9/23/2018 11:15 | 1516500 | 142286 | 21.527 | 334.314 | 5552.667 | 5947.188 | 3.27 | 4.044 | 180.094 | 1 | 14.7 |
| 9/23/2018 11:30 | 1517400 | 14232 | 21.524 | 334.391 | 5553.021 | 5947.855 | 3.27 | 4.045 | 180.082 | 1 | 14.7 |
| 9/23/2018 11:45 | 1518300 | 142272 | 21.529 | 334.282 | 5553.521 | 5947.85 | 3.27 | 4.045 | 180.066 | 1 | 14.708 |
| 9/23/2018 12:00 | 1519200 | 14228 | 21.526 | 334.3 | 5554.156 | 5948.878 | 3.271 | 4.045 | 180.045 | 1 | 14.706 |
| 9/23/2018 12:15 | 1520100 | 142281 | 21.524 | 334.303 | 5554.298 | 5948.237 | 3.271 | 4.045 | 180.073 | 1 | 14.696 |
| 9/23/2018 12:30 | 1521000 | 142286 | 21.523 | 334.314 | 5554.858 | 5949.271 | 3.271 | 4.046 | 180.023 | 1 | 14.698 |
| 9/23/2018 12:45 | 1521900 | 142274 | 21.532 | 334.286 | 5555.24 | 5949.287 | 3.271 | 4.046 | 180.01 | 1 | 14.694 |
| 9/23/2018 13:00 | 1522800 | 142283 | 21.532 | 334.308 | 5555.712 | 5949.802 | 3.271 | 4.046 | 179.995 | 1 | 14.697 |
| 9/23/2018 13:15 | 1523700 | 142297 | 21.532 | 334.338 | 5555.858 | 5949.949 | 3.272 | 4.046 | 179.99 | 1 | 14.691 |
| 9/23/2018 13:30 | 1524600 | 142289 | 21.532 | 334.321 | 5555.874 | 5950.039 | 3.272 | 4.046 | 179.99 | 1 | 14.689 |
| 9/23/2018 13:45 | 1525500 | 142293 | 21.53 | 3 | | | | | | | |

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|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/24/2018 21:15 | 1638900 | 142.436 | 21.549 | 324.656 | 5555.97 | 5948.08 | 3.271 | 4.045 | 179.987 | 1 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 142.438 | 21.542 | 324.66 | 5555.353 | 5948.248 | 3.271 | 4.045 | 180.007 | 1 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 142.436 | 21.539 | 324.655 | 5554.185 | 5947.295 | 3.27 | 4.044 | 180.044 | 1 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 142.438 | 21.542 | 324.66 | 5555.167 | 5947.966 | 3.27 | 4.045 | 180.013 | 1 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 142.439 | 21.543 | 324.662 | 5555.378 | 5948.18 | 3.271 | 4.045 | 180.006 | 1 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 142.439 | 21.539 | 324.663 | 5555.071 | 5948.223 | 3.271 | 4.045 | 180.016 | 1 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 142.436 | 21.545 | 324.655 | 5555.79 | 5949.404 | 3.271 | 4.046 | 180.022 | 1 | 14.682 |
| 9/24/2018 23:00 | 1645200 | 142.443 | 21.534 | 324.673 | 5555.505 | 5949.314 | 3.271 | 4.046 | 180.002 | 1 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 142.444 | 21.539 | 324.674 | 5557.174 | 5950.496 | 3.272 | 4.046 | 179.948 | 1 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 142.448 | 21.538 | 324.682 | 5556.848 | 5950.35 | 3.272 | 4.046 | 179.958 | 1 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 142.462 | 21.541 | 324.716 | 5556.667 | 5949.75 | 3.271 | 4.046 | 179.964 | 1 | 14.681 |
| 9/25/2018 0:00 | 1648800 | 142.451 | 21.54 | 324.689 | 5557.151 | 5950.397 | 3.272 | 4.046 | 179.948 | 1 | 14.688 |
| 9/25/2018 0:15 | 1649700 | 142.447 | 21.54 | 324.682 | 5556.284 | 5949.52 | 3.271 | 4.046 | 179.976 | 1 | 14.689 |
| 9/25/2018 0:30 | 1650600 | 142.453 | 21.536 | 324.694 | 5555.761 | 5949.333 | 3.271 | 4.046 | 179.993 | 1 | 14.688 |
| 9/25/2018 0:45 | 1651500 | 142.456 | 21.537 | 324.701 | 5557.093 | 5950.687 | 3.272 | 4.046 | 179.95 | 1 | 14.686 |
| 9/25/2018 1:00 | 1652400 | 142.45 | 21.534 | 324.688 | 5556.64 | 5950.626 | 3.272 | 4.046 | 179.965 | 1 | 14.691 |
| 9/25/2018 1:15 | 1653300 | 142.463 | 21.515 | 324.718 | 5554.567 | 5950.64 | 3.272 | 4.046 | 180.032 | 1 | 14.688 |
| 9/25/2018 1:30 | 1654200 | 142.461 | 21.507 | 324.713 | 5550.228 | 5946.958 | 3.27 | 4.044 | 180.173 | 1 | 14.688 |
| 9/25/2018 1:45 | 1655100 | 142.456 | 21.506 | 324.705 | 5548.522 | 5943.522 | 3.268 | 4.042 | 180.282 | 1 | 14.69 |
| 9/25/2018 2:00 | 1656000 | 142.455 | 21.506 | 324.699 | 5544.875 | 5941.317 | 3.266 | 4.04 | 180.347 | 1 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 142.463 | 21.507 | 324.717 | 5543.96 | 5940.253 | 3.266 | 4.039 | 180.376 | 1 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 142.465 | 21.504 | 324.722 | 5542.827 | 5939.389 | 3.265 | 4.039 | 180.413 | 1 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 142.462 | 21.501 | 324.714 | 5541.75 | 5938.628 | 3.265 | 4.038 | 180.448 | 1 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 142.466 | 21.51 | 324.701 | 5541.325 | 5937.078 | 3.264 | 4.037 | 180.462 | 1 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 142.453 | 21.505 | 324.693 | 5541.315 | 5937.641 | 3.264 | 4.038 | 180.463 | 1 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 142.453 | 21.495 | 324.694 | 5540.681 | 5938.183 | 3.265 | 4.038 | 180.483 | 1 | 14.686 |
| 9/25/2018 3:45 | 1662300 | 142.446 | 21.495 | 324.678 | 5538.988 | 5936.432 | 3.264 | 4.037 | 180.538 | 1 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 142.449 | 21.503 | 324.685 | 5539.684 | 5936.189 | 3.263 | 4.037 | 180.516 | 1 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 142.449 | 21.502 | 324.685 | 5539.644 | 5936.275 | 3.264 | 4.037 | 180.517 | 1 | 14.68 |
| 9/25/2018 4:30 | 1665000 | 142.442 | 21.498 | 324.67 | 5539.016 | 5936.048 | 3.263 | 4.037 | 180.537 | 1 | 14.687 |
| 9/25/2018 4:45 | 1665900 | 142.44 | 21.501 | 324.666 | 5538.444 | 5935.148 | 3.263 | 4.036 | 180.556 | 1 | 14.685 |
| 9/25/2018 5:00 | 1666800 | 142.435 | 21.507 | 324.654 | 5539.792 | 5935.786 | 3.263 | 4.036 | 180.512 | 1 | 14.678 |
| 9/25/2018 5:15 | 1667700 | 142.437 | 21.502 | 324.658 | 5538.432 | 5934.986 | 3.263 | 4.036 | 180.557 | 1 | 14.682 |
| 9/25/2018 5:30 | 1668600 | 142.441 | 21.498 | 324.666 | 5539.651 | 5936.803 | 3.264 | 4.037 | 180.517 | 1 | 14.685 |
| 9/25/2018 5:45 | 1669500 | 142.432 | 21.488 | 324.647 | 5538.035 | 5936.184 | 3.263 | 4.037 | 180.569 | 1 | 14.69 |
| 9/25/2018 6:00 | 1670400 | 142.417 | 21.496 | 324.613 | 5539.524 | 5936.836 | 3.264 | 4.037 | 180.521 | 1 | 14.692 |
| 9/25/2018 6:15 | 1671300 | 142.413 | 21.496 | 324.613 | 5539.12 | 5936.458 | 3.264 | 4.037 | 180.534 | 1 | 14.691 |
| 9/25/2018 6:30 | 1672200 | 142.436 | 21.49 | 324.655 | 5539.292 | 5937.375 | 3.264 | 4.037 | 180.528 | 1 | 14.686 |
| 9/25/2018 6:45 | 1673100 | 142.42 | 21.495 | 324.619 | 5539.542 | 5937.057 | 3.264 | 4.037 | 180.52 | 1 | 14.696 |
| 9/25/2018 7:00 | 1674000 | 142.422 | 21.491 | 324.625 | 5539.043 | 5936.916 | 3.264 | 4.037 | 180.537 | 1 | 14.69 |
| 9/25/2018 7:15 | 1674900 | 142.423 | 21.5 | 324.625 | 5540.425 | 5937.324 | 3.264 | 4.037 | 180.492 | 1 | 14.69 |
| 9/25/2018 7:30 | 1675800 | 142.427 | 21.491 | 324.636 | 5541.157 | 5939.202 | 3.265 | 4.039 | 180.468 | 1 | 14.692 |
| 9/25/2018 7:45 | 1676700 | 142.428 | 21.483 | 324.637 | 5539.898 | 5938.829 | 3.265 | 4.038 | 180.509 | 1 | 14.692 |
| 9/25/2018 8:00 | 1677600 | 142.429 | 21.482 | 324.637 | 5540.42 | 5939.809 | 3.266 | 4.039 | 180.481 | 1 | 14.698 |
| 9/25/2018 8:15 | 1678500 | 142.419 | 21.482 | 324.617 | 5540.924 | 5940.078 | 3.266 | 4.039 | 180.475 | 1 | 14.698 |
| 9/25/2018 8:30 | 1679400 | 142.419 | 21.48 | 324.617 | 5541.583 | 5940.976 | 3.266 | 4.04 | 180.454 | 1 | 14.7 |
| 9/25/2018 8:45 | 1680300 | 142.408 | 21.482 | 324.592 | 5541.955 | 5941.141 | 3.266 | 4.04 | 180.442 | 1 | 14.706 |
| 9/25/2018 9:00 | 1681200 | 142.408 | 21.485 | 324.592 | 5542.58 | 5941.459 | 3.267 | 4.041 | 180.421 | 1 | 14.705 |
| 9/25/2018 9:15 | 1682100 | 142.425 | 21.487 | 324.63 | 5544.269 | 5943.015 | 3.267 | 4.04 | 180.366 | 1 | 14.701 |
| 9/25/2018 9:30 | 1683000 | 142.407 | 21.493 | 324.589 | 5544.631 | 5942.713 | 3.267 | 4.041 | 180.355 | 1 | 14.707 |
| 9/25/2018 9:45 | 1683900 | 142.4 | 21.49 | 324.574 | 5545.33 | 5943.802 | 3.268 | 4.042 | 180.332 | 1 | 14.709 |
| 9/25/2018 10:00 | 1684800 | 142.411 | 21.486 | 324.598 | 5545.786 | 5944.79 | 3.268 | 4.042 | 180.317 | 1 | 14.711 |
| 9/25/2018 10:15 | 1685700 | 142.394 | 21.486 | 324.56 | 5545.104 | 5944.113 | 3.268 | 4.042 | 180.339 | 1 | 14.718 |
| 9/25/2018 10:30 | 1686600 | 142.411 | 21.484 | 324.599 | 5546.426 | 5945.773 | 3.269 | 4.043 | 180.296 | 1 | 14.712 |
| 9/25/2018 10:45 | 1687500 | 142.406 | 21.484 | 324.587 | 5546.298 | 5945.625 | 3.269 | 4.043 | 180.3 | 1 | 14.71 |
| 9/25/2018 11:00 | 1688400 | 142.384 | 21.485 | 324.536 | 5548.287 | 5947.599 | 3.27 | 4.044 | 180.236 | 1 | 14.72 |
| 9/25/2018 11:15 | 1689300 | 142.411 | 21.476 | 324.598 | 5546.715 | 5946.946 | 3.27 | 4.044 | 180.287 | 1 | 14.715 |
| 9/25/2018 11:30 | 1690200 | 142.394 | 21.477 | 324.56 | 5546.96 | 5947.123 | 3.27 | 4.044 | 180.279 | 1 | 14.719 |
| 9/25/2018 11:45 | 1691100 | 142.4 | 21.459 | 324.573 | 5544.161 | 5946.324 | 3.269 | 4.044 | 180.237 | 1 | 14.716 |
| 9/25/2018 12:00 | 1692000 | 142.399 | 21.456 | 324.572 | 5541.988 | 5944.386 | 3.268 | 4.042 | 180.441 | 1 | 14.72 |
| 9/25/2018 12:15 | 1692900 | 142.407 | 21.459 | 324.589 | 5540.798 | 5942.706 | 3.267 | 4.041 | 180.479 | 1 | 14.719 |
| 9/25/2018 12:30 | 1693800 | 142.406 | 21.458 | 324.588 | 5540.11 | 5942.289 | 3.267 | 4.041 | 180.478 | 1 | 14.718 |
| 9/25/2018 12:45 | 1694700 | 142.408 | 21.454 | 324.591 | 5537.705 | 5939.985 | 3.266 | 4.039 | 180.58 | 1 | 14.724 |
| 9/25/2018 13:00 | 1695600 | 142.413 | 21.451 | 324.603 | 5535.894 | 5938.38 | 3.265 | 4.038 | 180.639 | 1 | 14.718 |
| 9/25/2018 13:15 | 1696500 | 142.424 | 21.455 | 324.629 | 5536.949 | 5939.13 | 3.265 | 4.039 | 180.605 | 1 | 14.713 |
| 9/25/2018 13:30 | 1697400 | 142.416 | 21.457 | 324.61 | 5536.986 | 5938.916 | 3.265 | 4.038 | 180.604 | 1 | 14.721 |
| 9/25/2018 13:45 | 1698300 | 142.419 | 21.456 | 324.616 | 5536.922 | 5938.91 | 3.265 | 4.038 | 180.606 | 1 | 14.72 |
| 9/25/2018 14:00 | 1699200 | 142.408 | 21.455 | 324.608 | 5535.23 | 5937.21 | 3.264 | 4.037 | 180.684 | 1 | 14.716 |
| 9/25/2018 14:15 | 1700100 | 142.427 | 21.448 | 324.635 | 5534.787 | 5937.618 | 3.264 | 4.038 | 180.675 | 1 | 14.708 |
| 9/25/2018 14:30 | 1701000 | 142.427 | 21.454 | 324.635 | 5534.864 | 5937 | 3.264 | 4.037 | 180.673 | 1 | 14.715 |
| 9/25/2018 14:45 | 1701900 | 142.437 | 21.443 | 324.658 | 5533.793 | 5937.106 | 3.264 | 4.037 | 180.708 | 1 | 14.709 |
| 9/25/2018 15:00 | 1702800 | 142.437 | 21.449 | 324.659 | 5535.155 | 5937.939 | 3.264 | 4.038 | 180.663 | 1 | 14.707 |
| 9/25/2018 15:15 | 1703700 | 142.445 | 21.45 | 324.676 | 5533.817 | 5936.365 | 3.263 | 4.037 | 180.707 | 1 | 14.707 |
| 9/25/2018 15:30 | 1704600 | 142.444 | 21.45 | 324.664 | 5533.3 | 5937.72 | 3.264 | 4.037 | 180.659 | 1 | 14.708 |
| 9/25/2018 15:45 | 1705500 | 142.44 | 21.459 | 324.664 | 5536.978 | 5938.577 | 3.265 | 4.038 | 180.604 | 1 | 14.707 |
| 9/25/2018 16:00 | 1706400 | 142.441 | 21.458 | 324.666 | 5537.355 | 5939.141 | 3.265 | 4.039 | 180.592 | 1 | 14.708 |
| 9/25/2018 16:15 | 1707300 | 142.446 | 21.463 | 324.678 | 5538.579 | 5939.837 | 3.266 | 4.039 | 180.552 | 1 | 14.707 |
| 9/25/2018 16:30 | 1708200 | 142.441 | 21.461 | 324.668 | 5539.377 | 5940.948 | 3.266 | 4.04 | 180.526 | 1 | 14.706 |
| 9/25/2018 16:45 | 1709100 | 142.449 | 21.455 | 324.685 | 5538.643 | 5940.883 | 3.266 | 4.04 | 180.55 | 1 | 14.701 |
| 9/25/2018 17:00 | 1710000 | 142.452 | 21.455 | 324.691 | 5539.648 | 5941.918 | 3.267 | 4.041 | 180.517 | 1 | 14.702 |
| 9/25/2018 17:15 | 1710900 | 142.458 | 21.456 | 324.706 | 5542.589 | 5945.531 | 3.267 | 4.04 | 180.528 | 1 | 14.699 |
| 9/25/2018 17:30 | 1711800 | 142.462 | 21.459 | 324.714 | 5539.307 | 5941.075 | 3.266 | 4.04 | 180.528 | 1 | 14.698 |
| 9/25/2018 17:45 | 1712700 | 142.454 | 21.46 | 324.698 | 5540.395 | 5942.198 | 3.267 | 4.041 | 180.493 | 1 | 14.699 |
| 9/25/2018 18:00 | 1713600 | 142.453 | 21.464 | 324.694 | 5541.875 | 5943.275 | 3.268 | 4.041 | 180.444 | 1 | 14.698 |
| 9/25/2018 18:15 | 1714500 | 142.458 | 21.461 | 324.706 | 5541.053 | 5942.755 | 3.267 | 4.041 | 180.471 | | |

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|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/27/2018 2:00 | 1828800 | 142.443 | 21.469 | 334.672 | 5569.685 | 5972.448 | 3.285 | 4.061 | 179.543 | 1 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 142.438 | 21.457 | 334.661 | 5567.889 | 5972.052 | 3.284 | 4.061 | 179.601 | 1 | 14.705 |
| 9/27/2018 2:30 | 1830600 | 142.441 | 21.449 | 334.667 | 5566.816 | 5971.884 | 3.284 | 4.061 | 179.636 | 1 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 142.439 | 21.443 | 334.662 | 5563.673 | 5969.217 | 3.283 | 4.059 | 179.737 | 1 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 142.429 | 21.445 | 334.64 | 5562.36 | 5967.572 | 3.282 | 4.058 | 179.78 | 1 | 14.706 |
| 9/27/2018 3:15 | 1833300 | 142.438 | 21.432 | 334.661 | 5560.225 | 5966.916 | 3.281 | 4.058 | 179.849 | 1 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 142.429 | 21.43 | 334.64 | 5558.64 | 5965.417 | 3.28 | 4.056 | 179.9 | 1 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 142.424 | 21.423 | 334.629 | 5556.324 | 5963.807 | 3.28 | 4.055 | 179.975 | 1 | 14.705 |
| 9/27/2018 4:00 | 1836000 | 142.434 | 21.422 | 334.651 | 5553.411 | 5960.819 | 3.278 | 4.053 | 180.07 | 1 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 142.418 | 21.427 | 334.615 | 5552.855 | 5959.55 | 3.277 | 4.052 | 180.088 | 1 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 142.411 | 21.419 | 334.599 | 5552.537 | 5960.233 | 3.277 | 4.053 | 180.098 | 1 | 14.706 |
| 9/27/2018 4:45 | 1838700 | 142.407 | 21.426 | 334.589 | 5554.32 | 5961.315 | 3.278 | 4.054 | 180.04 | 1 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 142.394 | 21.426 | 334.56 | 5554.447 | 5961.548 | 3.278 | 4.054 | 180.033 | 1 | 14.702 |
| 9/27/2018 5:15 | 1840500 | 142.391 | 21.432 | 334.553 | 5555.802 | 5962.169 | 3.279 | 4.054 | 179.992 | 1 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 142.386 | 21.434 | 334.541 | 5557.165 | 5963.342 | 3.279 | 4.055 | 179.948 | 1 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 142.373 | 21.425 | 334.511 | 5556.245 | 5963.466 | 3.279 | 4.055 | 179.978 | 1 | 14.708 |
| 9/27/2018 6:00 | 1843200 | 142.373 | 21.425 | 334.513 | 5555.955 | 5963.123 | 3.278 | 4.055 | 179.987 | 1 | 14.699 |
| 9/27/2018 6:15 | 1844100 | 142.377 | 21.431 | 334.522 | 5557.207 | 5963.752 | 3.28 | 4.055 | 179.947 | 1 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 142.365 | 21.435 | 334.45 | 5556.64 | 5962.833 | 3.279 | 4.055 | 179.965 | 1 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 142.357 | 21.434 | 334.475 | 5557.394 | 5963.609 | 3.279 | 4.055 | 179.94 | 1 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 142.353 | 21.435 | 334.467 | 5557.637 | 5963.732 | 3.28 | 4.055 | 179.933 | 1 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 142.349 | 21.435 | 334.456 | 5558.3 | 5964.391 | 3.28 | 4.056 | 179.911 | 1 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 142.351 | 21.436 | 334.462 | 5557.999 | 5963.993 | 3.28 | 4.056 | 179.921 | 1 | 14.71 |
| 9/27/2018 7:45 | 1849500 | 142.343 | 21.442 | 334.443 | 5560.335 | 5965.762 | 3.281 | 4.057 | 179.845 | 1 | 14.714 |
| 9/27/2018 8:00 | 1850400 | 142.347 | 21.442 | 334.435 | 5559.682 | 5965.213 | 3.28 | 4.056 | 179.86 | 1 | 14.711 |
| 9/27/2018 8:15 | 1851300 | 142.333 | 21.445 | 334.422 | 5561.402 | 5966.534 | 3.281 | 4.057 | 179.811 | 1 | 14.718 |
| 9/27/2018 8:30 | 1852200 | 142.34 | 21.446 | 334.438 | 5561.114 | 5966.086 | 3.281 | 4.057 | 179.82 | 1 | 14.711 |
| 9/27/2018 8:45 | 1853100 | 142.338 | 21.446 | 334.431 | 5563.237 | 5968.322 | 3.282 | 4.058 | 179.751 | 1 | 14.715 |
| 9/27/2018 9:00 | 1854000 | 142.342 | 21.44 | 334.441 | 5563.267 | 5969.09 | 3.283 | 4.059 | 179.751 | 1 | 14.716 |
| 9/27/2018 9:15 | 1854900 | 142.331 | 21.44 | 334.415 | 5562.001 | 5967.806 | 3.282 | 4.058 | 179.791 | 1 | 14.72 |
| 9/27/2018 9:30 | 1855800 | 142.338 | 21.441 | 334.443 | 5563.183 | 5968.817 | 3.283 | 4.059 | 179.753 | 1 | 14.722 |
| 9/27/2018 9:45 | 1856700 | 142.36 | 21.442 | 334.481 | 5562.557 | 5968.136 | 3.282 | 4.058 | 179.773 | 1 | 14.724 |
| 9/27/2018 10:00 | 1857600 | 142.332 | 21.44 | 334.419 | 5562.716 | 5968.5 | 3.282 | 4.059 | 179.768 | 1 | 14.719 |
| 9/27/2018 10:15 | 1858500 | 142.332 | 21.44 | 334.418 | 5563.272 | 5969.096 | 3.283 | 4.059 | 179.75 | 1 | 14.725 |
| 9/27/2018 10:30 | 1859400 | 142.326 | 21.439 | 334.406 | 5562.829 | 5968.759 | 3.282 | 4.059 | 179.765 | 1 | 14.723 |
| 9/27/2018 10:45 | 1860300 | 142.325 | 21.438 | 334.402 | 5564.169 | 5970.304 | 3.283 | 4.06 | 179.721 | 1 | 14.718 |
| 9/27/2018 11:00 | 1861200 | 142.338 | 21.442 | 334.432 | 5563.829 | 5969.889 | 3.283 | 4.059 | 179.732 | 1 | 14.716 |
| 9/27/2018 11:15 | 1862100 | 142.325 | 21.447 | 334.404 | 5564.11 | 5969.224 | 3.283 | 4.059 | 179.722 | 1 | 14.721 |
| 9/27/2018 11:30 | 1863000 | 142.338 | 21.446 | 334.433 | 5565.004 | 5970.323 | 3.283 | 4.06 | 179.694 | 1 | 14.72 |
| 9/27/2018 11:45 | 1863900 | 142.368 | 21.445 | 334.5 | 5566.354 | 5971.888 | 3.284 | 4.061 | 179.611 | 1 | 14.719 |
| 9/27/2018 12:00 | 1864800 | 142.337 | 21.447 | 334.431 | 5566.266 | 5971.516 | 3.284 | 4.061 | 179.654 | 1 | 14.719 |
| 9/27/2018 12:15 | 1865700 | 142.368 | 21.436 | 334.501 | 5564.289 | 5970.689 | 3.284 | 4.06 | 179.717 | 1 | 14.716 |
| 9/27/2018 12:30 | 1866600 | 142.352 | 21.427 | 334.465 | 5559.769 | 5967.035 | 3.281 | 4.058 | 179.864 | 1 | 14.708 |
| 9/27/2018 12:45 | 1867500 | 142.344 | 21.427 | 334.455 | 5561.722 | 5967.622 | 3.279 | 4.055 | 180.021 | 1 | 14.712 |
| 9/27/2018 13:00 | 1868400 | 142.343 | 21.421 | 334.444 | 5551.765 | 5959.127 | 3.277 | 4.052 | 180.123 | 1 | 14.706 |
| 9/27/2018 13:15 | 1869300 | 142.347 | 21.418 | 334.453 | 5549.309 | 5956.854 | 3.275 | 4.051 | 180.203 | 1 | 14.711 |
| 9/27/2018 13:30 | 1870200 | 142.342 | 21.417 | 334.442 | 5546.164 | 5953.637 | 3.274 | 4.048 | 180.305 | 1 | 14.708 |
| 9/27/2018 13:45 | 1871100 | 142.343 | 21.417 | 334.443 | 5544.12 | 5951.454 | 3.272 | 4.047 | 180.371 | 1 | 14.702 |
| 9/27/2018 14:00 | 1872000 | 142.362 | 21.411 | 334.487 | 5541.043 | 5948.865 | 3.271 | 4.045 | 180.471 | 1 | 14.7 |
| 9/27/2018 14:15 | 1872900 | 142.357 | 21.408 | 334.476 | 5540.201 | 5948.201 | 3.27 | 4.045 | 180.499 | 1 | 14.701 |
| 9/27/2018 14:30 | 1873800 | 142.355 | 21.407 | 334.472 | 5537.446 | 5945.438 | 3.269 | 4.043 | 180.589 | 1 | 14.692 |
| 9/27/2018 14:45 | 1874700 | 142.36 | 21.4 | 334.483 | 5534.519 | 5943.115 | 3.267 | 4.041 | 180.684 | 1 | 14.694 |
| 9/27/2018 15:00 | 1875600 | 142.37 | 21.4 | 334.505 | 5532.965 | 5941.511 | 3.266 | 4.04 | 180.735 | 1 | 14.696 |
| 9/27/2018 15:15 | 1876500 | 142.372 | 21.399 | 334.51 | 5531.779 | 5940.323 | 3.266 | 4.039 | 180.774 | 1 | 14.689 |
| 9/27/2018 15:30 | 1877400 | 142.367 | 21.397 | 334.499 | 5529.477 | 5938.138 | 3.264 | 4.038 | 180.849 | 1 | 14.689 |
| 9/27/2018 15:45 | 1878300 | 142.372 | 21.404 | 334.51 | 5530.265 | 5938.144 | 3.264 | 4.038 | 180.823 | 1 | 14.688 |
| 9/27/2018 16:00 | 1879200 | 142.375 | 21.402 | 334.517 | 5529.962 | 5937.998 | 3.264 | 4.038 | 180.833 | 1 | 14.687 |
| 9/27/2018 16:15 | 1880100 | 142.379 | 21.408 | 334.525 | 5529.943 | 5937.235 | 3.264 | 4.037 | 180.834 | 1 | 14.687 |
| 9/27/2018 16:30 | 1881000 | 142.366 | 21.407 | 334.495 | 5530.592 | 5938.09 | 3.264 | 4.038 | 180.812 | 1 | 14.69 |
| 9/27/2018 16:45 | 1881900 | 142.374 | 21.422 | 334.514 | 5532.058 | 5937.889 | 3.264 | 4.038 | 180.765 | 1 | 14.683 |
| 9/27/2018 17:00 | 1882800 | 142.382 | 21.415 | 334.532 | 5531.486 | 5938.083 | 3.264 | 4.038 | 180.783 | 1 | 14.684 |
| 9/27/2018 17:15 | 1883700 | 142.377 | 21.42 | 334.505 | 5532.653 | 5939.08 | 3.265 | 4.039 | 180.825 | 1 | 14.695 |
| 9/27/2018 17:30 | 1884600 | 142.383 | 21.415 | 334.536 | 5531.266 | 5937.909 | 3.264 | 4.038 | 180.79 | 1 | 14.689 |
| 9/27/2018 17:45 | 1885500 | 142.383 | 21.417 | 334.534 | 5531.121 | 5937.394 | 3.264 | 4.037 | 180.795 | 1 | 14.687 |
| 9/27/2018 18:00 | 1886400 | 142.382 | 21.417 | 334.533 | 5531.852 | 5938.263 | 3.265 | 4.038 | 180.771 | 1 | 14.686 |
| 9/27/2018 18:15 | 1887300 | 142.386 | 21.42 | 334.541 | 5532.728 | 5938.863 | 3.265 | 4.038 | 180.743 | 1 | 14.688 |
| 9/27/2018 18:30 | 1888200 | 142.369 | 21.417 | 334.504 | 5532.729 | 5939.215 | 3.265 | 4.039 | 180.743 | 1 | 14.686 |
| 9/27/2018 18:45 | 1889100 | 142.386 | 21.42 | 334.535 | 5533.449 | 5940.46 | 3.266 | 4.04 | 180.739 | 1 | 14.687 |
| 9/27/2018 19:00 | 1890000 | 142.387 | 21.42 | 334.544 | 5533.045 | 5939.161 | 3.265 | 4.039 | 180.732 | 1 | 14.675 |
| 9/27/2018 19:15 | 1890900 | 142.374 | 21.422 | 334.513 | 5533.415 | 5939.324 | 3.265 | 4.039 | 180.72 | 1 | 14.685 |
| 9/27/2018 19:30 | 1891800 | 142.411 | 21.423 | 334.599 | 5533.854 | 5939.678 | 3.265 | 4.039 | 180.706 | 1 | 14.686 |
| 9/27/2018 19:45 | 1892700 | 142.371 | 21.424 | 334.508 | 5534.015 | 5939.712 | 3.265 | 4.039 | 180.701 | 1 | 14.68 |
| 9/27/2018 20:00 | 1893600 | 142.406 | 21.423 | 334.588 | 5534.349 | 5940.168 | 3.266 | 4.039 | 180.69 | 1 | 14.682 |
| 9/27/2018 20:15 | 1894500 | 142.374 | 21.424 | 334.517 | 5534.849 | 5940.46 | 3.266 | 4.04 | 180.673 | 1 | 14.687 |
| 9/27/2018 20:30 | 1895400 | 142.38 | 21.427 | 334.528 | 5535.557 | 5940.953 | 3.266 | 4.04 | 180.65 | 1 | 14.688 |
| 9/27/2018 20:45 | 1896300 | 142.383 | 21.427 | 334.535 | 5534.954 | 5940.327 | 3.266 | 4.039 | 180.67 | 1 | 14.679 |
| 9/27/2018 21:00 | 1897200 | 142.38 | 21.427 | 334.528 | 5536.626 | 5942.154 | 3.267 | 4.041 | 180.615 | 1 | 14.681 |
| 9/27/2018 21:15 | 1898100 | 142.376 | 21.429 | 334.518 | 5536.456 | 5941.663 | 3.267 | 4.04 | 180.621 | 1 | 14.677 |
| 9/27/2018 21:30 | 1899000 | 142.408 | 21.428 | 334.591 | 5536.911 | 5942.343 | 3.267 | 4.041 | 180.606 | 1 | 14.679 |
| 9/27/2018 21:45 | 1899900 | 142.383 | 21.428 | 334.534 | 5536.559 | 5941.848 | 3.267 | 4.04 | 180.621 | 1 | 14.68 |
| 9/27/2018 22:00 | 1900800 | 142.374 | 21.428 | 334.514 | 5537.01 | 5942.428 | 3.267 | 4.041 | 180.622 | 1 | 14.683 |
| 9/27/2018 22:15 | 1901700 | 142.377 | 21.427 | 334.521 | 5536.702 | 5942.279 | 3.267 | 4.041 | 180.613 | 1 | 14.679 |
| 9/27/2018 22:30 | 1902600 | 142.375 | 21.437 | 334.517 | 5539.392 | 5943.93 | 3.268 | 4.042 | 180.525 | 1 | 14.681 |
| 9/27/2018 22:45 | 1903500 | 142.381 | 21.434 | 334.531 | 5539.028 | 5943.911 | 3.268 | 4.042 | 180.537 | 1 | 14.675 |
| 9/27/2018 23:00 | 1904400 | 142.383 | 21.436 | 334.534 | 5538.685 | 5943.215 | 3.267 | 4.041 | 1 | | |

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|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/29/2018 6:45 | 2018700 | 142.566 | 21.411 | 334.953 | 5600.653 | 6012.862 | 3.308 | 4.089 | 178.551 | 1 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 142.558 | 21.416 | 324.933 | 5601.301 | 6012.857 | 3.308 | 4.089 | 178.53 | 1 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 142.562 | 21.418 | 324.943 | 5602.292 | 6013.674 | 3.309 | 4.089 | 178.498 | 1 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 142.57 | 21.418 | 324.962 | 5602.645 | 6014.054 | 3.309 | 4.09 | 178.487 | 1 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 142.579 | 21.411 | 324.981 | 5602.232 | 6014.557 | 3.309 | 4.09 | 178.5 | 1 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 142.575 | 21.409 | 324.973 | 5602.083 | 6014.646 | 3.309 | 4.09 | 178.505 | 1 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 142.579 | 21.408 | 324.981 | 5603.179 | 6015.939 | 3.31 | 4.091 | 178.477 | 1 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 142.583 | 21.416 | 324.991 | 5604.196 | 6015.976 | 3.31 | 4.091 | 178.438 | 1 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 142.58 | 21.417 | 324.985 | 5603.343 | 6014.931 | 3.31 | 4.09 | 178.465 | 1 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 142.58 | 21.419 | 324.983 | 5604.896 | 6016.416 | 3.31 | 4.091 | 178.415 | 1 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 142.591 | 21.408 | 325.008 | 5603.27 | 6016.059 | 3.31 | 4.091 | 178.467 | 1 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 142.593 | 21.408 | 325.014 | 5602.431 | 6015.072 | 3.31 | 4.09 | 178.494 | 1 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 142.592 | 21.411 | 325.011 | 5603.708 | 6016.39 | 3.31 | 4.091 | 178.453 | 1 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 142.604 | 21.413 | 325.038 | 5602.966 | 6015.012 | 3.31 | 4.09 | 178.477 | 1 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 142.602 | 21.419 | 325.034 | 5604.653 | 6016.155 | 3.31 | 4.091 | 178.423 | 1 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 142.607 | 21.419 | 325.045 | 5605.197 | 6016.706 | 3.311 | 4.091 | 178.406 | 1 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 142.608 | 21.419 | 325.048 | 5605.993 | 6017.625 | 3.311 | 4.092 | 178.381 | 1 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 142.606 | 21.415 | 325.043 | 5605.333 | 6017.368 | 3.311 | 4.092 | 178.402 | 1 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 142.612 | 21.407 | 325.056 | 5605.252 | 6017.946 | 3.312 | 4.092 | 178.366 | 1 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 142.613 | 21.422 | 325.06 | 5607.467 | 6018.84 | 3.312 | 4.093 | 178.334 | 1 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 142.62 | 21.423 | 325.075 | 5607.311 | 6018.523 | 3.312 | 4.093 | 178.339 | 1 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 142.619 | 21.42 | 325.072 | 5607.517 | 6019.045 | 3.312 | 4.093 | 178.332 | 1 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 142.62 | 21.419 | 325.074 | 5607.167 | 6018.787 | 3.312 | 4.093 | 178.343 | 1 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 142.625 | 21.42 | 325.086 | 5606.644 | 6018.108 | 3.311 | 4.092 | 178.36 | 1 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 142.624 | 21.421 | 325.085 | 5608.145 | 6019.585 | 3.312 | 4.093 | 178.312 | 1 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 142.629 | 21.422 | 325.097 | 5608.201 | 6019.575 | 3.312 | 4.093 | 178.31 | 1 | 14.69 |
| 9/29/2018 13:15 | 2042100 | 142.647 | 21.421 | 325.137 | 5609.265 | 6020.825 | 3.313 | 4.094 | 178.276 | 1 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 142.649 | 21.423 | 325.141 | 5609.71 | 6021.066 | 3.313 | 4.094 | 178.262 | 1 | 14.686 |
| 9/29/2018 13:45 | 2043900 | 142.643 | 21.423 | 325.127 | 5609.423 | 6020.758 | 3.313 | 4.094 | 178.271 | 1 | 14.69 |
| 9/29/2018 14:00 | 2044800 | 142.648 | 21.419 | 325.14 | 5608.958 | 6020.732 | 3.313 | 4.094 | 178.286 | 1 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 142.642 | 21.425 | 325.191 | 5610.206 | 6021.403 | 3.312 | 4.095 | 178.247 | 1 | 14.686 |
| 9/29/2018 14:30 | 2046600 | 142.702 | 21.418 | 325.263 | 5609.178 | 6021.067 | 3.313 | 4.094 | 178.279 | 1 | 14.684 |
| 9/29/2018 14:45 | 2047500 | 142.669 | 21.424 | 325.187 | 5610.704 | 6022.013 | 3.314 | 4.095 | 178.231 | 1 | 14.686 |
| 9/29/2018 15:00 | 2048400 | 142.664 | 21.419 | 325.175 | 5609.553 | 6021.403 | 3.313 | 4.095 | 178.267 | 1 | 14.681 |
| 9/29/2018 15:15 | 2049300 | 142.669 | 21.408 | 325.186 | 5608.869 | 6022.006 | 3.314 | 4.095 | 178.289 | 1 | 14.687 |
| 9/29/2018 15:30 | 2050200 | 142.688 | 21.415 | 325.23 | 5608.426 | 6020.646 | 3.313 | 4.094 | 178.303 | 1 | 14.683 |
| 9/29/2018 15:45 | 2051100 | 142.688 | 21.408 | 325.23 | 5608.449 | 6021.404 | 3.313 | 4.095 | 178.309 | 1 | 14.68 |
| 9/29/2018 16:00 | 2052000 | 142.684 | 21.417 | 325.221 | 5610.219 | 6022.302 | 3.314 | 4.095 | 178.246 | 1 | 14.684 |
| 9/29/2018 16:15 | 2052900 | 142.701 | 21.411 | 325.26 | 5608.731 | 6021.557 | 3.313 | 4.095 | 178.293 | 1 | 14.676 |
| 9/29/2018 16:30 | 2053800 | 142.691 | 21.414 | 325.237 | 5610.342 | 6022.811 | 3.314 | 4.096 | 178.242 | 1 | 14.679 |
| 9/29/2018 16:45 | 2054700 | 142.7 | 21.415 | 325.257 | 5611.011 | 6023.518 | 3.315 | 4.096 | 178.221 | 1 | 14.686 |
| 9/29/2018 17:00 | 2055600 | 142.697 | 21.41 | 325.25 | 5610.34 | 6023.414 | 3.315 | 4.096 | 178.242 | 1 | 14.677 |
| 9/29/2018 17:15 | 2056500 | 142.695 | 21.417 | 325.247 | 5610.634 | 6022.866 | 3.314 | 4.096 | 178.233 | 1 | 14.678 |
| 9/29/2018 17:30 | 2057400 | 142.723 | 21.421 | 325.33 | 5611.34 | 6024.034 | 3.315 | 4.096 | 178.132 | 1 | 14.675 |
| 9/29/2018 17:45 | 2058300 | 142.715 | 21.417 | 325.291 | 5611.849 | 6024.052 | 3.315 | 4.096 | 178.194 | 1 | 14.668 |
| 9/29/2018 18:00 | 2059200 | 142.705 | 21.41 | 325.269 | 5611.638 | 6024.687 | 3.315 | 4.097 | 178.201 | 1 | 14.677 |
| 9/29/2018 18:15 | 2060100 | 142.703 | 21.415 | 325.265 | 5612.003 | 6024.508 | 3.315 | 4.097 | 178.189 | 1 | 14.671 |
| 9/29/2018 18:30 | 2061000 | 142.698 | 21.416 | 325.253 | 5612.791 | 6025.212 | 3.316 | 4.097 | 178.164 | 1 | 14.673 |
| 9/29/2018 18:45 | 2061900 | 142.733 | 21.417 | 325.332 | 5614.19 | 6026.639 | 3.316 | 4.098 | 178.12 | 1 | 14.675 |
| 9/29/2018 19:00 | 2062800 | 142.697 | 21.414 | 325.251 | 5613.825 | 6026.614 | 3.316 | 4.098 | 178.132 | 1 | 14.68 |
| 9/29/2018 19:15 | 2063700 | 142.709 | 21.414 | 325.279 | 5615.254 | 6028.095 | 3.317 | 4.099 | 178.086 | 1 | 14.671 |
| 9/29/2018 19:30 | 2064600 | 142.7 | 21.408 | 325.258 | 5614.257 | 6027.856 | 3.317 | 4.099 | 178.118 | 1 | 14.677 |
| 9/29/2018 19:45 | 2065500 | 142.701 | 21.414 | 325.26 | 5615.784 | 6028.761 | 3.318 | 4.1 | 178.07 | 1 | 14.674 |
| 9/29/2018 20:00 | 2066400 | 142.703 | 21.415 | 325.263 | 5615.579 | 6028.421 | 3.317 | 4.099 | 178.076 | 1 | 14.679 |
| 9/29/2018 20:15 | 2067300 | 142.699 | 21.413 | 325.254 | 5616.655 | 6029.708 | 3.318 | 4.1 | 178.042 | 1 | 14.681 |
| 9/29/2018 20:30 | 2068200 | 142.699 | 21.413 | 325.254 | 5615.976 | 6028.968 | 3.318 | 4.1 | 178.067 | 1 | 14.683 |
| 9/29/2018 20:45 | 2069100 | 142.699 | 21.418 | 325.256 | 5617.125 | 6029.618 | 3.318 | 4.1 | 178.027 | 1 | 14.68 |
| 9/29/2018 21:00 | 2070000 | 142.694 | 21.417 | 325.243 | 5616.88 | 6029.571 | 3.318 | 4.1 | 178.035 | 1 | 14.684 |
| 9/29/2018 21:15 | 2070900 | 142.696 | 21.411 | 325.247 | 5617.045 | 6030.417 | 3.319 | 4.101 | 178.03 | 1 | 14.685 |
| 9/29/2018 21:30 | 2071800 | 142.693 | 21.416 | 325.241 | 5618.464 | 6031.313 | 3.319 | 4.101 | 177.985 | 1 | 14.683 |
| 9/29/2018 21:45 | 2072700 | 142.69 | 21.414 | 325.235 | 5617.929 | 6031.021 | 3.319 | 4.101 | 178.002 | 1 | 14.685 |
| 9/29/2018 22:00 | 2073600 | 142.688 | 21.415 | 325.232 | 5618.514 | 6031.53 | 3.319 | 4.101 | 177.983 | 1 | 14.686 |
| 9/29/2018 22:15 | 2074500 | 142.686 | 21.418 | 325.225 | 5620.067 | 6032.819 | 3.32 | 4.102 | 177.934 | 1 | 14.685 |
| 9/29/2018 22:30 | 2075400 | 142.692 | 21.418 | 325.239 | 5619.715 | 6032.452 | 3.32 | 4.102 | 177.945 | 1 | 14.685 |
| 9/29/2018 22:45 | 2076300 | 142.681 | 21.418 | 325.214 | 5620.273 | 6032.986 | 3.32 | 4.102 | 177.927 | 1 | 14.687 |
| 9/29/2018 23:00 | 2077200 | 142.677 | 21.416 | 325.204 | 5619.796 | 6032.766 | 3.32 | 4.102 | 177.942 | 1 | 14.685 |
| 9/29/2018 23:15 | 2078100 | 142.714 | 21.418 | 325.29 | 5620.768 | 6033.54 | 3.32 | 4.103 | 177.912 | 1 | 14.684 |
| 9/29/2018 23:30 | 2079000 | 142.673 | 21.413 | 325.196 | 5621.43 | 6034.466 | 3.32 | 4.103 | 177.878 | 1 | 14.691 |
| 9/29/2018 23:45 | 2079900 | 142.677 | 21.415 | 325.205 | 5620.193 | 6033.354 | 3.32 | 4.103 | 177.93 | 1 | 14.689 |
| 9/30/2018 0:00 | 2080800 | 142.675 | 21.414 | 325.2 | 5621.185 | 6034.472 | 3.321 | 4.103 | 177.898 | 1 | 14.695 |
| 9/30/2018 0:15 | 2081700 | 142.667 | 21.419 | 325.183 | 5621.24 | 6033.937 | 3.321 | 4.103 | 177.897 | 1 | 14.694 |
| 9/30/2018 0:30 | 2082600 | 142.677 | 21.417 | 325.205 | 5621.945 | 6034.986 | 3.321 | 4.104 | 177.874 | 1 | 14.689 |
| 9/30/2018 0:45 | 2083500 | 142.669 | 21.421 | 325.187 | 5622.1 | 6034.634 | 3.321 | 4.104 | 177.869 | 1 | 14.692 |
| 9/30/2018 1:00 | 2084400 | 142.669 | 21.413 | 325.186 | 5622.322 | 6034.826 | 3.321 | 4.104 | 177.862 | 1 | 14.692 |
| 9/30/2018 1:15 | 2085300 | 142.661 | 21.415 | 325.169 | 5622.41 | 6035.744 | 3.322 | 4.104 | 177.86 | 1 | 14.7 |
| 9/30/2018 1:30 | 2086200 | 142.664 | 21.419 | 325.175 | 5623.072 | 6035.904 | 3.322 | 4.104 | 177.839 | 1 | 14.697 |
| 9/30/2018 1:45 | 2087100 | 142.668 | 21.422 | 325.184 | 5623.417 | 6035.949 | 3.322 | 4.104 | 177.828 | 1 | 14.691 |
| 9/30/2018 2:00 | 2088000 | 142.683 | 21.422 | 325.218 | 5623.313 | 6035.828 | 3.322 | 4.104 | 177.831 | 1 | 14.686 |
| 9/30/2018 2:15 | 2088900 | 142.663 | 21.424 | 325.172 | 5624.227 | 6036.548 | 3.322 | 4.105 | 177.802 | 1 | 14.695 |
| 9/30/2018 2:30 | 2089800 | 142.668 | 21.425 | 325.185 | 5624.133 | 6036.34 | 3.322 | 4.105 | 177.805 | 1 | 14.694 |
| 9/30/2018 2:45 | 2090700 | 142.668 | 21.425 | 325.184 | 5623.347 | 6037.568 | 3.323 | 4.106 | 177.767 | 1 | 14.692 |
| 9/30/2018 3:00 | 2091600 | 142.676 | 21.427 | 325.202 | 5625.851 | 6037.849 | 3.323 | 4.106 | 177.751 | 1 | 14.691 |
| 9/30/2018 3:15 | 2092500 | 142.676 | 21.425 | 325.203 | 5626.18 | 6038.452 | 3.323 | 4.106 | 177.74 | 1 | 14.687 |
| 9/30/2018 3:30 | 2093400 | 142.672 | 21.42 | 325.193 | 5624.938 | 6037.831 | 3.323 | 4.106 | 177.78 | 1 | 14.688 |
| 9/30/2018 3:45 | 2094300 | 142.677 | 21.42 | 325.205 | 5624.824 | 6037.688 | 3.323 | 4.106 | 177.78 | | |

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|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 10/1/2018 11:30 | 2208600 | 142.935 | 21.41 | 325.794 | 5658.316 | 6074.834 | 3.345 | 4.131 | 176.731 | 1 | 14.671 |
| 10/1/2018 11:45 | 2209500 | 142.94 | 21.41 | 325.805 | 5658.189 | 6075.738 | 3.345 | 4.132 | 176.704 | 1 | 14.672 |
| 10/1/2018 12:00 | 2210400 | 142.939 | 21.413 | 325.802 | 5660.012 | 6076.362 | 3.346 | 4.132 | 176.678 | 1 | 14.667 |
| 10/1/2018 12:15 | 2211300 | 142.953 | 21.412 | 325.835 | 5659.162 | 6075.578 | 3.345 | 4.131 | 176.705 | 1 | 14.665 |
| 10/1/2018 12:30 | 2212200 | 142.948 | 21.412 | 325.824 | 5660.099 | 6076.476 | 3.346 | 4.132 | 176.675 | 1 | 14.662 |
| 10/1/2018 12:45 | 2213100 | 142.958 | 21.409 | 325.846 | 5659.925 | 6076.715 | 3.346 | 4.132 | 176.681 | 1 | 14.658 |
| 10/1/2018 13:00 | 2214000 | 142.958 | 21.41 | 325.848 | 5660.812 | 6077.481 | 3.346 | 4.133 | 176.653 | 1 | 14.657 |
| 10/1/2018 13:15 | 2214900 | 142.962 | 21.409 | 325.855 | 5660.205 | 6076.96 | 3.346 | 4.132 | 176.672 | 1 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 142.957 | 21.411 | 325.844 | 5660.806 | 6077.463 | 3.346 | 4.133 | 176.653 | 1 | 14.655 |
| 10/1/2018 13:45 | 2216700 | 142.975 | 21.413 | 325.883 | 5662.029 | 6078.538 | 3.347 | 4.133 | 176.615 | 1 | 14.652 |
| 10/1/2018 14:00 | 2217600 | 142.976 | 21.4 | 325.886 | 5660.108 | 6078.021 | 3.347 | 4.133 | 176.675 | 1 | 14.649 |
| 10/1/2018 14:15 | 2218500 | 142.964 | 21.412 | 325.86 | 5662.617 | 6079.254 | 3.347 | 4.134 | 176.597 | 1 | 14.646 |
| 10/1/2018 14:30 | 2219400 | 142.976 | 21.409 | 325.887 | 5662.396 | 6079.41 | 3.347 | 4.134 | 176.604 | 1 | 14.644 |
| 10/1/2018 14:45 | 2220300 | 142.987 | 21.412 | 325.911 | 5663.311 | 6080.022 | 3.348 | 4.134 | 176.575 | 1 | 14.643 |
| 10/1/2018 15:00 | 2221200 | 142.987 | 21.412 | 325.91 | 5662.355 | 6078.898 | 3.347 | 4.134 | 176.605 | 1 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 142.987 | 21.408 | 325.913 | 5663.13 | 6080.22 | 3.348 | 4.135 | 176.581 | 1 | 14.644 |
| 10/1/2018 15:30 | 2223000 | 142.998 | 21.408 | 325.936 | 5663.36 | 6080.511 | 3.348 | 4.135 | 176.574 | 1 | 14.642 |
| 10/1/2018 15:45 | 2223900 | 143.002 | 21.404 | 325.945 | 5662.369 | 6079.905 | 3.348 | 4.134 | 176.605 | 1 | 14.638 |
| 10/1/2018 16:00 | 2224800 | 143.016 | 21.41 | 325.963 | 5663.231 | 6081.339 | 3.349 | 4.135 | 176.578 | 1 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 142.996 | 21.413 | 325.931 | 5665.029 | 6081.758 | 3.349 | 4.136 | 176.522 | 1 | 14.64 |
| 10/1/2018 16:30 | 2226600 | 143.051 | 21.413 | 326.058 | 5666.166 | 6082.914 | 3.349 | 4.136 | 176.486 | 1 | 14.637 |
| 10/1/2018 16:45 | 2227500 | 143.005 | 21.409 | 325.951 | 5666.037 | 6083.319 | 3.35 | 4.137 | 176.49 | 1 | 14.638 |
| 10/1/2018 17:00 | 2228400 | 143.017 | 21.408 | 325.98 | 5665.438 | 6082.785 | 3.349 | 4.136 | 176.509 | 1 | 14.64 |
| 10/1/2018 17:15 | 2229300 | 143.031 | 21.409 | 326.011 | 5664.881 | 6082.025 | 3.349 | 4.136 | 176.526 | 1 | 14.632 |
| 10/1/2018 17:30 | 2230200 | 143.038 | 21.409 | 326.01 | 5664.784 | 6081.989 | 3.349 | 4.136 | 176.529 | 1 | 14.635 |
| 10/1/2018 17:45 | 2231100 | 143.026 | 21.413 | 326.001 | 5666.931 | 6083.735 | 3.35 | 4.137 | 176.462 | 1 | 14.641 |
| 10/1/2018 18:00 | 2232000 | 143.033 | 21.412 | 326.015 | 5667.786 | 6084.739 | 3.351 | 4.138 | 176.436 | 1 | 14.631 |
| 10/1/2018 18:15 | 2232900 | 143.028 | 21.404 | 326.006 | 5665.888 | 6083.694 | 3.35 | 4.137 | 176.495 | 1 | 14.639 |
| 10/1/2018 18:30 | 2233800 | 143.04 | 21.409 | 326.033 | 5667.319 | 6084.696 | 3.351 | 4.138 | 176.45 | 1 | 14.636 |
| 10/1/2018 18:45 | 2234700 | 143.044 | 21.404 | 326.04 | 5667.107 | 6085.111 | 3.351 | 4.138 | 176.457 | 1 | 14.63 |
| 10/1/2018 19:00 | 2235600 | 143.044 | 21.407 | 326.042 | 5667.704 | 6085.283 | 3.351 | 4.138 | 176.438 | 1 | 14.634 |
| 10/1/2018 19:15 | 2236500 | 143.042 | 21.397 | 326.037 | 5666.877 | 6085.638 | 3.351 | 4.138 | 176.464 | 1 | 14.632 |
| 10/1/2018 19:30 | 2237400 | 143.045 | 21.397 | 326.043 | 5665.772 | 6084.518 | 3.35 | 4.137 | 176.498 | 1 | 14.632 |
| 10/1/2018 19:45 | 2238300 | 143.063 | 21.397 | 326.085 | 5666.521 | 6085.277 | 3.351 | 4.138 | 176.475 | 1 | 14.624 |
| 10/1/2018 20:00 | 2239200 | 143.044 | 21.401 | 326.042 | 5666.969 | 6085.235 | 3.351 | 4.138 | 176.461 | 1 | 14.63 |
| 10/1/2018 20:15 | 2240100 | 143.05 | 21.396 | 326.056 | 5667.126 | 6086.047 | 3.351 | 4.139 | 176.456 | 1 | 14.628 |
| 10/1/2018 20:30 | 2241000 | 143.056 | 21.397 | 326.069 | 5667.626 | 6085.688 | 3.351 | 4.138 | 176.441 | 1 | 14.626 |
| 10/1/2018 20:45 | 2241900 | 143.046 | 21.407 | 326.046 | 5668.13 | 6085.773 | 3.351 | 4.138 | 176.425 | 1 | 14.632 |
| 10/1/2018 21:00 | 2242800 | 143.049 | 21.409 | 326.053 | 5668.98 | 6086.48 | 3.352 | 4.139 | 176.399 | 1 | 14.631 |
| 10/1/2018 21:15 | 2243700 | 143.038 | 21.403 | 326.028 | 5669.206 | 6087.419 | 3.352 | 4.139 | 176.392 | 1 | 14.641 |
| 10/1/2018 21:30 | 2244600 | 143.051 | 21.404 | 326.058 | 5668.373 | 6086.363 | 3.351 | 4.139 | 176.417 | 1 | 14.629 |
| 10/1/2018 21:45 | 2245500 | 143.056 | 21.403 | 326.068 | 5668.947 | 6087.163 | 3.352 | 4.139 | 176.4 | 1 | 14.63 |
| 10/1/2018 22:00 | 2246400 | 143.046 | 21.407 | 326.045 | 5670.889 | 6088.554 | 3.353 | 4.14 | 176.345 | 1 | 14.639 |
| 10/1/2018 22:15 | 2247300 | 143.043 | 21.406 | 326.04 | 5670.384 | 6088.67 | 3.353 | 4.14 | 176.349 | 1 | 14.639 |
| 10/1/2018 22:30 | 2248200 | 143.048 | 21.406 | 326.051 | 5671.008 | 6089.017 | 3.353 | 4.141 | 176.335 | 1 | 14.642 |
| 10/1/2018 22:45 | 2249100 | 143.046 | 21.404 | 326.046 | 5670.687 | 6088.933 | 3.353 | 4.14 | 176.345 | 1 | 14.635 |
| 10/1/2018 23:00 | 2250000 | 143.046 | 21.404 | 326.045 | 5670.865 | 6089.103 | 3.353 | 4.141 | 176.34 | 1 | 14.633 |
| 10/1/2018 23:15 | 2250900 | 143.045 | 21.402 | 326.043 | 5671.168 | 6089.712 | 3.353 | 4.141 | 176.331 | 1 | 14.635 |
| 10/1/2018 23:30 | 2251800 | 143.039 | 21.405 | 326.03 | 5672.47 | 6090.63 | 3.354 | 4.142 | 176.29 | 1 | 14.64 |
| 10/1/2018 23:45 | 2252700 | 143.045 | 21.402 | 326.044 | 5672.012 | 6090.585 | 3.354 | 4.142 | 176.304 | 1 | 14.635 |
| 10/2/2018 00:00 | 2253600 | 143.046 | 21.402 | 326.046 | 5671.511 | 6090.037 | 3.354 | 4.141 | 176.32 | 1 | 14.641 |
| 10/2/2018 01:15 | 2254500 | 143.034 | 21.402 | 326.019 | 5671.891 | 6090.389 | 3.354 | 4.141 | 176.308 | 1 | 14.639 |
| 10/2/2018 03:00 | 2255400 | 143.028 | 21.406 | 326.006 | 5673.365 | 6091.47 | 3.354 | 4.142 | 176.262 | 1 | 14.64 |
| 10/2/2018 04:45 | 2256300 | 143.04 | 21.403 | 326.033 | 5671.995 | 6090.381 | 3.354 | 4.141 | 176.305 | 1 | 14.636 |
| 10/2/2018 10:00 | 2257200 | 143.019 | 21.408 | 325.985 | 5673.339 | 6091.504 | 3.355 | 4.142 | 176.257 | 1 | 14.638 |
| 10/2/2018 11:15 | 2258100 | 143.023 | 21.411 | 325.994 | 5673.538 | 6091.133 | 3.354 | 4.142 | 176.257 | 1 | 14.639 |
| 10/2/2018 13:00 | 2259000 | 143.03 | 21.409 | 326.011 | 5673.205 | 6090.961 | 3.354 | 4.142 | 176.267 | 1 | 14.632 |
| 10/2/2018 14:45 | 2259900 | 143.022 | 21.41 | 325.991 | 5673.009 | 6090.609 | 3.354 | 4.142 | 176.273 | 1 | 14.629 |
| 10/2/2018 2:00 | 2260800 | 143.023 | 21.404 | 325.994 | 5672.351 | 6090.731 | 3.354 | 4.142 | 176.294 | 1 | 14.635 |
| 10/2/2018 2:15 | 2261700 | 143.015 | 21.405 | 325.976 | 5673.915 | 6092.213 | 3.355 | 4.143 | 176.245 | 1 | 14.632 |
| 10/2/2018 2:30 | 2262600 | 143.016 | 21.402 | 325.977 | 5674.407 | 6093.124 | 3.355 | 4.143 | 176.23 | 1 | 14.633 |
| 10/2/2018 2:45 | 2263500 | 143.028 | 21.409 | 326.009 | 5674.77 | 6093.881 | 3.355 | 4.143 | 176.228 | 1 | 14.633 |
| 10/2/2018 3:00 | 2264400 | 143.03 | 21.409 | 325.948 | 5674.457 | 6092.283 | 3.355 | 4.143 | 176.228 | 1 | 14.632 |
| 10/2/2018 3:15 | 2265300 | 142.996 | 21.413 | 325.932 | 5675.053 | 6092.422 | 3.355 | 4.143 | 176.21 | 1 | 14.633 |
| 10/2/2018 3:30 | 2266200 | 142.996 | 21.413 | 325.931 | 5676.004 | 6093.519 | 3.356 | 4.144 | 176.18 | 1 | 14.633 |
| 10/2/2018 3:45 | 2267100 | 142.982 | 21.41 | 325.9 | 5675.863 | 6093.749 | 3.356 | 4.144 | 176.185 | 1 | 14.633 |
| 10/2/2018 4:00 | 2268000 | 143.002 | 21.41 | 325.947 | 5675.459 | 6093.283 | 3.356 | 4.143 | 176.197 | 1 | 14.628 |
| 10/2/2018 4:15 | 2268900 | 143.002 | 21.411 | 325.947 | 5675.887 | 6093.21 | 3.356 | 4.143 | 176.19 | 1 | 14.636 |
| 10/2/2018 4:30 | 2269800 | 143.004 | 21.406 | 325.951 | 5674.871 | 6093.197 | 3.355 | 4.143 | 176.215 | 1 | 14.621 |
| 10/2/2018 4:45 | 2270700 | 142.983 | 21.413 | 325.902 | 5676.029 | 6093.458 | 3.356 | 4.144 | 176.18 | 1 | 14.623 |
| 10/2/2018 5:00 | 2271600 | 142.997 | 21.412 | 325.933 | 5676.586 | 6094.208 | 3.356 | 4.144 | 176.162 | 1 | 14.623 |
| 10/2/2018 5:15 | 2272500 | 142.985 | 21.41 | 325.908 | 5676.635 | 6094.512 | 3.356 | 4.144 | 176.161 | 1 | 14.629 |
| 10/2/2018 5:30 | 2273400 | 142.989 | 21.406 | 325.915 | 5676.363 | 6093.639 | 3.356 | 4.144 | 176.2 | 1 | 14.627 |
| 10/2/2018 5:45 | 2274300 | 142.993 | 21.411 | 325.925 | 5676.315 | 6094.846 | 3.356 | 4.144 | 176.171 | 1 | 14.629 |
| 10/2/2018 6:00 | 2275200 | 142.999 | 21.402 | 325.938 | 5675.496 | 6094.27 | 3.356 | 4.144 | 176.196 | 1 | 14.637 |
| 10/2/2018 6:15 | 2276100 | 142.987 | 21.412 | 325.912 | 5677.189 | 6094.899 | 3.357 | 4.145 | 176.143 | 1 | 14.637 |
| 10/2/2018 6:30 | 2277000 | 142.989 | 21.412 | 325.916 | 5677.484 | 6095.216 | 3.357 | 4.145 | 176.134 | 1 | 14.637 |
| 10/2/2018 6:45 | 2277900 | 142.991 | 21.412 | 325.921 | 5677.024 | 6094.678 | 3.356 | 4.144 | 176.149 | 1 | 14.633 |
| 10/2/2018 7:00 | 2278800 | 142.985 | 21.413 | 325.907 | 5677.444 | 6094.978 | 3.357 | 4.145 | 176.13 | 1 | 14.636 |
| 10/2/2018 7:15 | 2279700 | 142.992 | 21.412 | 325.923 | 5677.632 | 6095.332 | 3.357 | 4.145 | 176.137 | 1 | 14.636 |
| 10/2/2018 7:30 | 2280600 | 143.001 | 21.41 | 325.943 | 5677.385 | 6095.395 | 3.357 | 4.145 | 176.137 | 1 | 14.628 |
| 10/2/2018 7:45 | 2281500 | 142.994 | 21.411 | 325.927 | 5678.399 | 6096.242 | 3.357 | 4.145 | 176.106 | 1 | 14.632 |
| 10/2/2018 8:00 | 2282400 | 143.009 | 21.412 | 325.962 | 5677.996 | 6095.754 | 3.357 | 4.145 | 176.118 | 1 | 14.625 |
| 10/2/2018 8:15 | 2283300 | 143.001 | 21.412 | 325.942 | 5678.169 | 6095.919 | 3.357 | 4.145 | 176.113 | 1 | 14.639 |
| 10/2/2018 8:30 | 2284200 | 143.005 | 21.414 | 325.952 | 5678.981 | 6096.497 | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|-------|-------|-----------|-------|--------|
| 10/3/2018 16:15 | 2398500 | 143.17 | 21.402 | 326.328 | 5680.581 | 6099.764 | 3.359 | 4.148 | 176.038 | 1 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 143.211 | 21.404 | 326.423 | 5680.774 | 6099.667 | 3.359 | 4.148 | 176.032 | 1 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 143.172 | 21.404 | 326.334 | 5682.732 | 6101.846 | 3.361 | 4.149 | 175.972 | 1 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 143.2 | 21.407 | 326.397 | 5683.557 | 6102.325 | 3.361 | 4.15 | 175.946 | 1 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 143.178 | 21.406 | 326.346 | 5683.809 | 6102.782 | 3.361 | 4.15 | 175.938 | 1 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 143.189 | 21.401 | 326.373 | 5684.225 | 6103.863 | 3.362 | 4.151 | 175.925 | 1 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 143.18 | 21.401 | 326.351 | 5683.709 | 6103.298 | 3.361 | 4.15 | 175.941 | 1 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 114.937 | 20.947 | 261.976 | 3183.833 | 3451.01 | 1.833 | 2.347 | 314.087 | 0.999 | 14.666 |
| 10/3/2018 18:15 | 2405700 | -0.04 | 21.228 | -0.091 | 63.915 | 68.877 | 0.032 | 0.047 | 15645.876 | 0.998 | 14.666 |
| 10/3/2018 18:30 | 2406600 | 0.21 | 21.251 | 0.48 | 12045.601 | 12974.761 | 7.553 | 8.823 | 83.018 | 1.004 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 143.156 | 21.263 | 326.296 | 5697.525 | 6135.438 | 3.38 | 4.172 | 175.515 | 1.001 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 143.177 | 21.388 | 326.344 | 5711.592 | 6134.789 | 3.38 | 4.172 | 175.083 | 1 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 143.173 | 21.395 | 326.335 | 5711.268 | 6133.618 | 3.379 | 4.171 | 175.092 | 1 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 143.171 | 21.397 | 326.331 | 5705.231 | 6126.871 | 3.375 | 4.166 | 175.278 | 1 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 143.167 | 21.395 | 326.321 | 5703.386 | 6125.186 | 3.374 | 4.165 | 175.334 | 1 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 143.165 | 21.393 | 326.318 | 5701.342 | 6123.219 | 3.373 | 4.164 | 175.397 | 1 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 143.144 | 21.399 | 326.268 | 5701.903 | 6123.077 | 3.373 | 4.164 | 175.38 | 1 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 143.147 | 21.395 | 326.276 | 5700.585 | 6122.089 | 3.372 | 4.163 | 175.421 | 1 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 143.134 | 21.399 | 326.246 | 5698.154 | 6118.985 | 3.371 | 4.161 | 175.495 | 1 | 14.689 |
| 10/3/2018 21:00 | 2415600 | 143.167 | 21.4 | 326.322 | 5694.916 | 6115.41 | 3.369 | 4.158 | 175.595 | 1 | 14.688 |
| 10/3/2018 21:15 | 2416500 | 143.123 | 21.4 | 326.222 | 5690.775 | 6110.953 | 3.366 | 4.155 | 175.723 | 1 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 143.12 | 21.404 | 326.214 | 5689.332 | 6108.868 | 3.365 | 4.154 | 175.768 | 1 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 143.122 | 21.404 | 326.22 | 5688.259 | 6107.791 | 3.364 | 4.153 | 175.801 | 1 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 143.121 | 21.406 | 326.217 | 5689 | 6108.313 | 3.364 | 4.154 | 175.778 | 1 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 143.107 | 21.404 | 326.186 | 5689.072 | 6108.599 | 3.365 | 4.154 | 175.776 | 1 | 14.695 |
| 10/3/2018 22:30 | 2421000 | 143.103 | 21.407 | 326.175 | 5690.462 | 6109.772 | 3.365 | 4.155 | 175.733 | 1 | 14.692 |
| 10/3/2018 22:45 | 2421900 | 143.098 | 21.409 | 326.163 | 5690.533 | 6109.543 | 3.365 | 4.154 | 175.73 | 1 | 14.699 |
| 10/3/2018 23:00 | 2422800 | 143.088 | 21.407 | 326.141 | 5690.487 | 6109.833 | 3.365 | 4.155 | 175.732 | 1 | 14.699 |
| 10/3/2018 23:15 | 2423700 | 143.086 | 21.41 | 326.137 | 5691.44 | 6110.429 | 3.366 | 4.155 | 175.702 | 1 | 14.701 |
| 10/3/2018 23:30 | 2424600 | 143.088 | 21.41 | 326.142 | 5691.776 | 6110.791 | 3.366 | 4.155 | 175.692 | 1 | 14.697 |
| 10/3/2018 23:45 | 2425500 | 143.073 | 21.411 | 326.106 | 5692.752 | 6111.651 | 3.366 | 4.156 | 175.662 | 1 | 14.705 |

Serial_number: 1071288

Project ID:
MPWSP TSW Long Term
Location:
MPWSP MW-5M
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 0.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: μ S/cm

| Date | Time | ms | LEVEL | TEMPERATURE | CONDUCTIVITY | |
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| 9/7/2018 | 0:30:00 | 0 | 87.119 | 16 | 1289.7 |
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| 9/8/2018 | 14:45:00 | 0 | 87.267 | 16 | 1289.7 |
| 9/8/2018 | 15:00:00 | 0 | 87.272 | 16 | 1288.6 |
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| 9/15/2018 | 22:30:00 | 0 | 87.408 | 16 | 1289.7 |
| 9/15/2018 | 22:45:00 | 0 | 87.365 | 16 | 1288.6 |
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| 9/15/2018 | 23:15:00 | 0 | 87.421 | 16 | 1290.9 |
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| 9/15/2018 | 23:45:00 | 0 | 87.415 | 16 | 1288.6 |
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| 9/30/2018 | 21:45:00 | 0 | 87.709 | 16 | 1290.9 |
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| 9/30/2018 | 22:30:00 | 0 | 87.773 | 16 | 1290.9 |
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| 9/30/2018 | 23:00:00 | 0 | 87.712 | 16 | 1292.1 |
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| 9/30/2018 | 23:30:00 | 0 | 87.727 | 16 | 1290.9 |
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| 10/2/2018 | 18:45:00 | 0 | 87.861 | 16 | 1292.1 |
| 10/2/2018 | 19:00:00 | 0 | 87.832 | 16 | 1290.9 |
| 10/2/2018 | 19:15:00 | 0 | 87.843 | 16 | 1292.1 |
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| 10/2/2018 | 19:45:00 | 0 | 87.867 | 16 | 1290.9 |

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| 10/2/2018 | 20:15:00 | 0 | 87.836 | 16 | 1292.1 |
| 10/2/2018 | 20:30:00 | 0 | 87.827 | 16 | 1290.9 |
| 10/2/2018 | 20:45:00 | 0 | 87.816 | 16 | 1292.1 |
| 10/2/2018 | 21:00:00 | 0 | 87.829 | 16 | 1293.3 |
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| 10/2/2018 | 23:15:00 | 0 | 87.835 | 16 | 1292.1 |
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| 10/2/2018 | 23:45:00 | 0 | 87.833 | 16 | 1292.1 |
| 10/3/2018 | 0:00:00 | 0 | 87.826 | 16 | 1290.9 |
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| 10/3/2018 | 0:30:00 | 0 | 87.82 | 16 | 1292.1 |
| 10/3/2018 | 0:45:00 | 0 | 87.838 | 16 | 1290.9 |
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| 10/3/2018 | 1:15:00 | 0 | 87.815 | 16 | 1292.1 |
| 10/3/2018 | 1:30:00 | 0 | 87.8 | 16 | 1290.9 |
| 10/3/2018 | 1:45:00 | 0 | 87.834 | 16 | 1292.1 |
| 10/3/2018 | 2:00:00 | 0 | 87.832 | 16 | 1292.1 |
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| 10/3/2018 | 3:00:00 | 0 | 87.829 | 16 | 1292.1 |
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| 10/3/2018 | 3:30:00 | 0 | 87.816 | 16 | 1290.9 |
| 10/3/2018 | 3:45:00 | 0 | 87.82 | 16 | 1292.1 |
| 10/3/2018 | 4:00:00 | 0 | 87.839 | 16 | 1292.1 |
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| 10/3/2018 | 4:30:00 | 0 | 87.824 | 16 | 1292.1 |
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| 10/3/2018 | 5:30:00 | 0 | 87.793 | 16 | 1290.9 |
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| 10/3/2018 | 7:00:00 | 0 | 87.838 | 16 | 1290.9 |
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| 10/3/2018 | 7:45:00 | 0 | 87.847 | 16 | 1292.1 |
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| 10/3/2018 | 9:15:00 | 0 | 87.858 | 16 | 1292.1 |
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| 10/3/2018 | 12:30:00 | 0 | 87.894 | 16 | 1290.9 |
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| 10/3/2018 | 13:15:00 | 0 | 87.886 | 16 | 1292.1 |
| 10/3/2018 | 13:30:00 | 0 | 87.888 | 16 | 1292.1 |
| 10/3/2018 | 13:45:00 | 0 | 87.868 | 16 | 1290.9 |
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| 10/3/2018 | 14:15:00 | 0 | 87.914 | 16 | 1292.1 |
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| 10/3/2018 | 15:00:00 | 0 | 87.92 | 16 | 1292.1 |
| 10/3/2018 | 15:15:00 | 0 | 87.907 | 16 | 1292.1 |
| 10/3/2018 | 15:30:00 | 0 | 87.927 | 16 | 1289.7 |
| 10/3/2018 | 15:45:00 | 0 | 87.927 | 16 | 1292.1 |
| 10/3/2018 | 16:00:00 | 0 | 87.909 | 16 | 1290.9 |
| 10/3/2018 | 16:15:00 | 0 | 87.912 | 16 | 1290.9 |
| 10/3/2018 | 16:30:00 | 0 | 87.87 | 16 | 1292.1 |
| 10/3/2018 | 16:45:00 | 0 | 87.93 | 16 | 1292.1 |
| 10/3/2018 | 17:00:00 | 0 | 87.945 | 16 | 1292.1 |
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| 10/3/2018 | 17:30:00 | 0 | 87.895 | 16 | 1290.9 |
| 10/3/2018 | 17:45:00 | 0 | 87.915 | 16 | 1292.1 |
| 10/3/2018 | 18:00:00 | 0 | 87.892 | 16 | 1290.9 |
| 10/3/2018 | 18:15:00 | 0 | 87.949 | 16 | 1290.9 |
| 10/3/2018 | 18:30:00 | 0 | 87.922 | 16 | 1292.1 |
| 10/3/2018 | 18:45:00 | 0 | 87.884 | 16 | 1292.1 |
| 10/3/2018 | 19:00:00 | 0 | 87.897 | 16 | 1292.1 |
| 10/3/2018 | 19:15:00 | 0 | 87.911 | 16 | 1292.1 |
| 10/3/2018 | 19:30:00 | 0 | 87.925 | 16 | 1292.1 |
| 10/3/2018 | 19:45:00 | 0 | 87.886 | 16 | 1290.9 |

| | | | | | |
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| 10/3/2018 | 20:00:00 | 0 | 87.881 | 16 | 1290.9 |
| 10/3/2018 | 20:15:00 | 0 | 87.934 | 16 | 1292.1 |
| 10/3/2018 | 20:30:00 | 0 | 87.874 | 16 | 1292.1 |
| 10/3/2018 | 20:45:00 | 0 | 87.911 | 16 | 1292.1 |
| 10/3/2018 | 21:00:00 | 0 | 87.888 | 16 | 1292.1 |
| 10/3/2018 | 21:15:00 | 0 | 87.904 | 16 | 1290.9 |
| 10/3/2018 | 21:30:00 | 0 | 87.861 | 16 | 1290.9 |
| 10/3/2018 | 21:45:00 | 0 | 87.878 | 16 | 1290.9 |
| 10/3/2018 | 22:00:00 | 0 | 87.856 | 16 | 1292.1 |
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| 10/3/2018 | 22:30:00 | 0 | 87.865 | 16 | 1292.1 |
| 10/3/2018 | 22:45:00 | 0 | 87.9 | 16 | 1292.1 |
| 10/3/2018 | 23:00:00 | 0 | 87.917 | 16 | 1292.1 |
| 10/3/2018 | 23:15:00 | 0 | 87.893 | 16 | 1293.3 |
| 10/3/2018 | 23:30:00 | 0 | 87.911 | 16 | 1292.1 |
| 10/3/2018 | 23:45:00 | 0 | 87.872 | 16 | 1292.1 |

Serial_number: 1073436

Project ID:
MPWSP LT Test
Location:
MW-5S
LEVEL
UNIT: ft
Offset: 0.000000 ft
TEMPERATURE
UNIT: °C
CONDUCTIVITY
UNIT: µS/cm

| Date | Time | ms | LEVEL | TEMPERATURE | CONDUCTIVITY | |
|----------|-------------|----|-------|-------------|--------------|--------|
| 9/6/2018 | 12:00:00 AM | | 0 | 30.6701 | 16.561 | 2013.4 |
| 9/6/2018 | 12:15:00 AM | | 0 | 30.6707 | 16.573 | 2013.9 |
| 9/6/2018 | 12:30:00 AM | | 0 | 30.6713 | 16.568 | 2011.3 |
| 9/6/2018 | 12:45:00 AM | | 0 | 30.6721 | 16.567 | 2014.2 |
| 9/6/2018 | 1:00:00 AM | | 0 | 30.6668 | 16.564 | 2013 |
| 9/6/2018 | 1:15:00 AM | | 0 | 30.6692 | 16.578 | 2012.6 |
| 9/6/2018 | 1:30:00 AM | | 0 | 30.6715 | 16.566 | 2013.1 |
| 9/6/2018 | 1:45:00 AM | | 0 | 30.6751 | 16.572 | 2014.1 |
| 9/6/2018 | 2:00:00 AM | | 0 | 30.681 | 16.566 | 2013.1 |
| 9/6/2018 | 2:15:00 AM | | 0 | 30.6856 | 16.559 | 2013.8 |
| 9/6/2018 | 2:30:00 AM | | 0 | 30.6901 | 16.558 | 2014.4 |
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| 9/6/2018 | 3:00:00 AM | | 0 | 30.6931 | 16.574 | 2013.8 |
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| 9/6/2018 | 4:00:00 AM | | 0 | 30.6936 | 16.574 | 2013.8 |
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| 9/6/2018 | 4:30:00 AM | | 0 | 30.6972 | 16.573 | 2013.3 |
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| 9/6/2018 | 5:45:00 AM | | 0 | 30.6668 | 16.565 | 2013 |
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| 9/6/2018 | 6:30:00 AM | | 0 | 30.6625 | 16.568 | 2013.9 |
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| 9/6/2018 | 7:15:00 AM | | 0 | 30.6562 | 16.572 | 2012.8 |
| 9/6/2018 | 7:30:00 AM | | 0 | 30.6524 | 16.577 | 2013.4 |
| 9/6/2018 | 7:45:00 AM | | 0 | 30.6511 | 16.566 | 2013.4 |
| 9/6/2018 | 8:00:00 AM | | 0 | 30.6459 | 16.568 | 2014 |
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| 9/6/2018 | 9:00:00 AM | | 0 | 30.6591 | 16.567 | 2014 |
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| 9/6/2018 | 9:30:00 AM | | 0 | 30.6578 | 16.557 | 2013.1 |
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| 9/6/2018 | 11:00:00 AM | | 0 | 30.6554 | 16.558 | 2013 |
| 9/6/2018 | 11:15:00 AM | | 0 | 30.6585 | 16.567 | 2012.3 |
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| 9/6/2018 | 2:45:00 PM | | 0 | 30.6869 | 16.555 | 2012.2 |
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| 9/6/2018 | 5:00:00 PM | | 0 | 30.7076 | 16.567 | 2012.9 |
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| 9/6/2018 | 5:30:00 PM | | 0 | 30.703 | 16.568 | 2012.5 |
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| 9/6/2018 | 7:00:00 PM | | 0 | 30.7049 | 16.565 | 2012.8 |
| 9/6/2018 | 7:15:00 PM | | 0 | 30.7063 | 16.562 | 2013.5 |
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| 9/7/2018 | 1:45:00 AM | 0 | 30.6879 | 16.556 | 2014 |
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| 9/7/2018 | 2:45:00 AM | 0 | 30.6962 | 16.574 | 2012.9 |
| 9/7/2018 | 3:00:00 AM | 0 | 30.6944 | 16.564 | 2013.8 |
| 9/7/2018 | 3:15:00 AM | 0 | 30.6972 | 16.559 | 2014.1 |
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| 9/7/2018 | 6:00:00 AM | 0 | 30.6949 | 16.564 | 2012.7 |
| 9/7/2018 | 6:15:00 AM | 0 | 30.6886 | 16.561 | 2013.8 |
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| 9/7/2018 | 6:45:00 AM | 0 | 30.6881 | 16.562 | 2012.1 |
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| 9/12/2018 | 11:15:00 PM | 0 | 30.6946 | 16.569 | 2016 |
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| 9/15/2018 | 4:30:00 PM | 0 | 30.7301 | 16.565 | 2018.3 |
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| 9/16/2018 | 6:00:00 PM | 0 | 30.7109 | 16.574 | 2017.8 |
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| 9/16/2018 | 6:45:00 PM | 0 | 30.7019 | 16.569 | 2019.5 |
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| 9/16/2018 | 8:15:00 PM | 0 | 30.7047 | 16.563 | 2018.6 |

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| 9/17/2018 | 11:30:00 AM | 0 | 30.6832 | 16.57 | 2018.4 |
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| 9/17/2018 | 12:30:00 PM | 0 | 30.6888 | 16.558 | 2020.9 |
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| 9/18/2018 | 10:45:00 AM | 0 | 30.6792 | 16.556 | 2018.8 |
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| 9/19/2018 | 3:15:00 AM | 0 | 30.704 | 16.559 | 2018.8 |
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| 9/20/2018 | 10:30:00 AM | 0 | 30.6972 | 16.569 | 2021.1 |
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| 9/20/2018 | 6:15:00 PM | 0 | 30.7159 | 16.569 | 2023.4 |
| 9/20/2018 | 6:30:00 PM | 0 | 30.7056 | 16.566 | 2022.3 |
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| 9/20/2018 | 7:15:00 PM | 0 | 30.6983 | 16.553 | 2019.6 |
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| 9/20/2018 | 11:45:00 PM | 0 | 30.705 | 16.564 | 2023.1 |
| 9/21/2018 | 12:00:00 AM | 0 | 30.7039 | 16.554 | 2023 |
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| 9/21/2018 | 1:00:00 AM | 0 | 30.7076 | 16.567 | 2021 |
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| 9/21/2018 | 2:00:00 AM | 0 | 30.7114 | 16.554 | 2021.8 |
| 9/21/2018 | 2:15:00 AM | 0 | 30.7136 | 16.569 | 2021.6 |
| 9/21/2018 | 2:30:00 AM | 0 | 30.7156 | 16.566 | 2020.6 |
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| 9/21/2018 | 3:00:00 AM | 0 | 30.7125 | 16.572 | 2022.8 |
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| 9/21/2018 | 3:30:00 AM | 0 | 30.7104 | 16.556 | 2021.9 |
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| 9/21/2018 | 4:00:00 AM | 0 | 30.7015 | 16.57 | 2020.4 |
| 9/21/2018 | 4:15:00 AM | 0 | 30.7 | 16.567 | 2020.5 |
| 9/21/2018 | 4:30:00 AM | 0 | 30.6982 | 16.566 | 2022.7 |
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| 9/21/2018 | 5:15:00 AM | 0 | 30.6789 | 16.559 | 2021.8 |
| 9/21/2018 | 5:30:00 AM | 0 | 30.6734 | 16.573 | 2022.9 |
| 9/21/2018 | 5:45:00 AM | 0 | 30.671 | 16.569 | 2021.9 |
| 9/21/2018 | 6:00:00 AM | 0 | 30.6635 | 16.557 | 2022.9 |
| 9/21/2018 | 6:15:00 AM | 0 | 30.6639 | 16.561 | 2021 |
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| 9/21/2018 | 7:00:00 AM | 0 | 30.6568 | 16.571 | 2022.6 |
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| 9/21/2018 | 10:15:00 AM | 0 | 30.6378 | 16.568 | 2022.5 |
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| 9/21/2018 | 10:45:00 AM | 0 | 30.6464 | 16.573 | 2022.9 |
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| 9/21/2018 | 2:15:00 PM | 0 | 30.6807 | 16.57 | 2022.9 |
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| 9/21/2018 | 5:30:00 PM | 0 | 30.6873 | 16.569 | 2021.8 |
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| 9/21/2018 | 6:15:00 PM | 0 | 30.6843 | 16.564 | 2021.2 |
| 9/21/2018 | 6:30:00 PM | 0 | 30.6843 | 16.562 | 2021.7 |
| 9/21/2018 | 6:45:00 PM | 0 | 30.6779 | 16.561 | 2022.4 |
| 9/21/2018 | 7:00:00 PM | 0 | 30.6751 | 16.567 | 2021.1 |
| 9/21/2018 | 7:15:00 PM | 0 | 30.6779 | 16.566 | 2023.2 |
| 9/21/2018 | 7:30:00 PM | 0 | 30.6715 | 16.561 | 2022.9 |
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| 9/21/2018 | 8:15:00 PM | 0 | 30.6614 | 16.557 | 2022.3 |

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| 9/21/2018 | 8:45:00 PM | 0 | 30.6556 | 16.562 | 2023.4 |
| 9/21/2018 | 9:00:00 PM | 0 | 30.6541 | 16.56 | 2022.1 |
| 9/21/2018 | 9:15:00 PM | 0 | 30.6566 | 16.557 | 2022 |
| 9/21/2018 | 9:30:00 PM | 0 | 30.6548 | 16.568 | 2022.8 |
| 9/21/2018 | 9:45:00 PM | 0 | 30.6545 | 16.566 | 2022.6 |
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| 9/21/2018 | 10:15:00 PM | 0 | 30.661 | 16.577 | 2022.5 |
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| 9/22/2018 | 12:15:00 AM | 0 | 30.6746 | 16.574 | 2023 |
| 9/22/2018 | 12:30:00 AM | 0 | 30.6793 | 16.566 | 2022.8 |
| 9/22/2018 | 12:45:00 AM | 0 | 30.6791 | 16.563 | 2023.3 |
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| 9/22/2018 | 1:15:00 AM | 0 | 30.6827 | 16.57 | 2023.2 |
| 9/22/2018 | 1:30:00 AM | 0 | 30.6777 | 16.566 | 2023.3 |
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| 9/22/2018 | 2:00:00 AM | 0 | 30.6794 | 16.557 | 2022.9 |
| 9/22/2018 | 2:15:00 AM | 0 | 30.6841 | 16.557 | 2022.6 |
| 9/22/2018 | 2:30:00 AM | 0 | 30.6842 | 16.552 | 2023.1 |
| 9/22/2018 | 2:45:00 AM | 0 | 30.6934 | 16.563 | 2023.7 |
| 9/22/2018 | 3:00:00 AM | 0 | 30.6935 | 16.567 | 2021.6 |
| 9/22/2018 | 3:15:00 AM | 0 | 30.6989 | 16.553 | 2022.8 |
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| 9/22/2018 | 4:15:00 AM | 0 | 30.6955 | 16.56 | 2022.4 |
| 9/22/2018 | 4:30:00 AM | 0 | 30.6955 | 16.559 | 2022.7 |
| 9/22/2018 | 4:45:00 AM | 0 | 30.6904 | 16.576 | 2022.4 |
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| 9/22/2018 | 5:45:00 AM | 0 | 30.6892 | 16.567 | 2023.4 |
| 9/22/2018 | 6:00:00 AM | 0 | 30.6796 | 16.565 | 2023.6 |
| 9/22/2018 | 6:15:00 AM | 0 | 30.6734 | 16.569 | 2022.7 |
| 9/22/2018 | 6:30:00 AM | 0 | 30.6771 | 16.561 | 2023.5 |
| 9/22/2018 | 6:45:00 AM | 0 | 30.6751 | 16.567 | 2022.9 |
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| 9/22/2018 | 1:15:00 PM | 0 | 30.6845 | 16.56 | 2021.4 |
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| 9/22/2018 | 1:45:00 PM | 0 | 30.6918 | 16.573 | 2022.5 |
| 9/22/2018 | 2:00:00 PM | 0 | 30.6928 | 16.578 | 2021.7 |
| 9/22/2018 | 2:15:00 PM | 0 | 30.6973 | 16.559 | 2022.3 |
| 9/22/2018 | 2:30:00 PM | 0 | 30.7034 | 16.565 | 2022.5 |
| 9/22/2018 | 2:45:00 PM | 0 | 30.7057 | 16.57 | 2023 |
| 9/22/2018 | 3:00:00 PM | 0 | 30.7067 | 16.575 | 2021.5 |
| 9/22/2018 | 3:15:00 PM | 0 | 30.7018 | 16.578 | 2023.1 |
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| 9/22/2018 | 3:45:00 PM | 0 | 30.701 | 16.57 | 2022.5 |
| 9/22/2018 | 4:00:00 PM | 0 | 30.7039 | 16.567 | 2024.2 |
| 9/22/2018 | 4:15:00 PM | 0 | 30.7011 | 16.57 | 2023.9 |
| 9/22/2018 | 4:30:00 PM | 0 | 30.7056 | 16.577 | 2023.1 |
| 9/22/2018 | 4:45:00 PM | 0 | 30.7016 | 16.568 | 2021.5 |
| 9/22/2018 | 5:00:00 PM | 0 | 30.7063 | 16.561 | 2022 |
| 9/22/2018 | 5:15:00 PM | 0 | 30.7038 | 16.567 | 2022.4 |
| 9/22/2018 | 5:30:00 PM | 0 | 30.7048 | 16.562 | 2023.4 |
| 9/22/2018 | 5:45:00 PM | 0 | 30.7048 | 16.569 | 2024 |
| 9/22/2018 | 6:00:00 PM | 0 | 30.7025 | 16.558 | 2023 |
| 9/22/2018 | 6:15:00 PM | 0 | 30.7078 | 16.574 | 2022.2 |
| 9/22/2018 | 6:30:00 PM | 0 | 30.7068 | 16.579 | 2020.1 |
| 9/22/2018 | 6:45:00 PM | 0 | 30.7113 | 16.571 | 2022.8 |
| 9/22/2018 | 7:00:00 PM | 0 | 30.7094 | 16.569 | 2023 |
| 9/22/2018 | 7:15:00 PM | 0 | 30.7063 | 16.558 | 2023.9 |
| 9/22/2018 | 7:30:00 PM | 0 | 30.7041 | 16.564 | 2024.1 |
| 9/22/2018 | 7:45:00 PM | 0 | 30.7069 | 16.571 | 2023.8 |
| 9/22/2018 | 8:00:00 PM | 0 | 30.706 | 16.568 | 2023.8 |
| 9/22/2018 | 8:15:00 PM | 0 | 30.7059 | 16.559 | 2022.3 |

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| 9/22/2018 | 8:30:00 PM | 0 | 30.7054 | 16.552 | 2024.1 |
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| 9/22/2018 | 9:00:00 PM | 0 | 30.7015 | 16.549 | 2022.9 |
| 9/22/2018 | 9:15:00 PM | 0 | 30.7 | 16.565 | 2023.7 |
| 9/22/2018 | 9:30:00 PM | 0 | 30.6921 | 16.563 | 2022.8 |
| 9/22/2018 | 9:45:00 PM | 0 | 30.6938 | 16.57 | 2023.1 |
| 9/22/2018 | 10:00:00 PM | 0 | 30.6959 | 16.561 | 2022 |
| 9/22/2018 | 10:15:00 PM | 0 | 30.6933 | 16.552 | 2023.1 |
| 9/22/2018 | 10:30:00 PM | 0 | 30.6968 | 16.553 | 2023.7 |
| 9/22/2018 | 10:45:00 PM | 0 | 30.6968 | 16.569 | 2023.9 |
| 9/22/2018 | 11:00:00 PM | 0 | 30.7015 | 16.564 | 2023.6 |
| 9/22/2018 | 11:15:00 PM | 0 | 30.6985 | 16.557 | 2023.2 |
| 9/22/2018 | 11:30:00 PM | 0 | 30.7026 | 16.568 | 2023.2 |
| 9/22/2018 | 11:45:00 PM | 0 | 30.6967 | 16.563 | 2022.2 |
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| 9/23/2018 | 12:15:00 AM | 0 | 30.7003 | 16.567 | 2024.3 |
| 9/23/2018 | 12:30:00 AM | 0 | 30.6968 | 16.567 | 2021.4 |
| 9/23/2018 | 12:45:00 AM | 0 | 30.7009 | 16.575 | 2022.1 |
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| 9/23/2018 | 1:15:00 AM | 0 | 30.7003 | 16.562 | 2023.6 |
| 9/23/2018 | 1:30:00 AM | 0 | 30.7049 | 16.571 | 2021.4 |
| 9/23/2018 | 1:45:00 AM | 0 | 30.7007 | 16.561 | 2022.7 |
| 9/23/2018 | 2:00:00 AM | 0 | 30.7055 | 16.559 | 2023.1 |
| 9/23/2018 | 2:15:00 AM | 0 | 30.7015 | 16.563 | 2023.9 |
| 9/23/2018 | 2:30:00 AM | 0 | 30.6965 | 16.555 | 2023.1 |
| 9/23/2018 | 2:45:00 AM | 0 | 30.6994 | 16.558 | 2022.7 |
| 9/23/2018 | 3:00:00 AM | 0 | 30.7077 | 16.569 | 2023.5 |
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| 9/23/2018 | 3:45:00 AM | 0 | 30.7085 | 16.559 | 2022.7 |
| 9/23/2018 | 4:00:00 AM | 0 | 30.7024 | 16.558 | 2023.7 |
| 9/23/2018 | 4:15:00 AM | 0 | 30.7061 | 16.558 | 2022.8 |
| 9/23/2018 | 4:30:00 AM | 0 | 30.7059 | 16.563 | 2022.6 |
| 9/23/2018 | 4:45:00 AM | 0 | 30.7085 | 16.576 | 2024.6 |
| 9/23/2018 | 5:00:00 AM | 0 | 30.7073 | 16.573 | 2022.7 |
| 9/23/2018 | 5:15:00 AM | 0 | 30.712 | 16.56 | 2022.7 |
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| 9/23/2018 | 6:00:00 AM | 0 | 30.7079 | 16.564 | 2023.4 |
| 9/23/2018 | 6:15:00 AM | 0 | 30.6989 | 16.566 | 2022.3 |
| 9/23/2018 | 6:30:00 AM | 0 | 30.6988 | 16.573 | 2023.5 |
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| 9/23/2018 | 7:45:00 AM | 0 | 30.683 | 16.571 | 2023.4 |
| 9/23/2018 | 8:00:00 AM | 0 | 30.6777 | 16.561 | 2024.5 |
| 9/23/2018 | 8:15:00 AM | 0 | 30.6712 | 16.562 | 2024.7 |
| 9/23/2018 | 8:30:00 AM | 0 | 30.6714 | 16.57 | 2022.5 |
| 9/23/2018 | 8:45:00 AM | 0 | 30.6732 | 16.575 | 2021 |
| 9/23/2018 | 9:00:00 AM | 0 | 30.6729 | 16.569 | 2024.8 |
| 9/23/2018 | 9:15:00 AM | 0 | 30.6654 | 16.557 | 2024.4 |
| 9/23/2018 | 9:30:00 AM | 0 | 30.6644 | 16.554 | 2022.9 |
| 9/23/2018 | 9:45:00 AM | 0 | 30.6647 | 16.552 | 2022.2 |
| 9/23/2018 | 10:00:00 AM | 0 | 30.6701 | 16.568 | 2023.1 |
| 9/23/2018 | 10:15:00 AM | 0 | 30.6666 | 16.577 | 2024.6 |
| 9/23/2018 | 10:30:00 AM | 0 | 30.6736 | 16.575 | 2024.3 |
| 9/23/2018 | 10:45:00 AM | 0 | 30.681 | 16.565 | 2022.9 |
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| 9/23/2018 | 11:15:00 AM | 0 | 30.6874 | 16.567 | 2023.4 |
| 9/23/2018 | 11:30:00 AM | 0 | 30.686 | 16.553 | 2023.7 |
| 9/23/2018 | 11:45:00 AM | 0 | 30.6826 | 16.553 | 2023.7 |
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| 9/23/2018 | 12:15:00 PM | 0 | 30.6883 | 16.577 | 2023 |
| 9/23/2018 | 12:30:00 PM | 0 | 30.6995 | 16.578 | 2024.1 |
| 9/23/2018 | 12:45:00 PM | 0 | 30.703 | 16.568 | 2024.4 |
| 9/23/2018 | 1:00:00 PM | 0 | 30.7062 | 16.571 | 2024.4 |
| 9/23/2018 | 1:15:00 PM | 0 | 30.7025 | 16.561 | 2023.7 |
| 9/23/2018 | 1:30:00 PM | 0 | 30.7026 | 16.55 | 2024.3 |
| 9/23/2018 | 1:45:00 PM | 0 | 30.7064 | 16.565 | 2024.8 |
| 9/23/2018 | 2:00:00 PM | 0 | 30.7106 | 16.558 | 2022 |
| 9/23/2018 | 2:15:00 PM | 0 | 30.7139 | 16.554 | 2023.9 |
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| 9/23/2018 | 3:00:00 PM | 0 | 30.72 | 16.551 | 2024.3 |
| 9/23/2018 | 3:15:00 PM | 0 | 30.7184 | 16.556 | 2022.7 |
| 9/23/2018 | 3:30:00 PM | 0 | 30.7153 | 16.569 | 2023 |
| 9/23/2018 | 3:45:00 PM | 0 | 30.7164 | 16.555 | 2023.5 |
| 9/23/2018 | 4:00:00 PM | 0 | 30.7163 | 16.558 | 2024.2 |
| 9/23/2018 | 4:15:00 PM | 0 | 30.7172 | 16.553 | 2023.7 |
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| 9/23/2018 | 4:45:00 PM | 0 | 30.7219 | 16.568 | 2024.2 |
| 9/23/2018 | 5:00:00 PM | 0 | 30.7236 | 16.555 | 2024.5 |
| 9/23/2018 | 5:15:00 PM | 0 | 30.7244 | 16.564 | 2023.9 |
| 9/23/2018 | 5:30:00 PM | 0 | 30.7236 | 16.573 | 2022.9 |
| 9/23/2018 | 5:45:00 PM | 0 | 30.7237 | 16.565 | 2021.4 |
| 9/23/2018 | 6:00:00 PM | 0 | 30.7225 | 16.569 | 2024.3 |
| 9/23/2018 | 6:15:00 PM | 0 | 30.72 | 16.575 | 2020.2 |
| 9/23/2018 | 6:30:00 PM | 0 | 30.7211 | 16.567 | 2023.4 |
| 9/23/2018 | 6:45:00 PM | 0 | 30.7197 | 16.552 | 2023.7 |
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| 9/23/2018 | 10:30:00 PM | 0 | 30.7039 | 16.556 | 2023.9 |
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| 9/24/2018 | 12:15:00 AM | 0 | 30.7076 | 16.563 | 2023.3 |
| 9/24/2018 | 12:30:00 AM | 0 | 30.7094 | 16.558 | 2024.9 |
| 9/24/2018 | 12:45:00 AM | 0 | 30.7031 | 16.564 | 2023.7 |
| 9/24/2018 | 1:00:00 AM | 0 | 30.7029 | 16.577 | 2022.4 |
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| 9/24/2018 | 6:45:00 AM | 0 | 30.7023 | 16.562 | 2024.3 |
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| 9/24/2018 | 7:45:00 AM | 0 | 30.6952 | 16.563 | 2022.4 |
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| 9/24/2018 | 12:45:00 PM | 0 | 30.6923 | 16.569 | 2025.1 |
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| 9/24/2018 | 2:45:00 PM | 0 | 30.7047 | 16.568 | 2023.6 |
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| 9/24/2018 | 3:15:00 PM | 0 | 30.7041 | 16.558 | 2024.6 |
| 9/24/2018 | 3:30:00 PM | 0 | 30.7074 | 16.573 | 2023.5 |
| 9/24/2018 | 3:45:00 PM | 0 | 30.7066 | 16.566 | 2025.5 |
| 9/24/2018 | 4:00:00 PM | 0 | 30.7081 | 16.567 | 2023.6 |
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| 9/24/2018 | 5:15:00 PM | 0 | 30.7086 | 16.556 | 2022.5 |
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| 9/24/2018 | 6:15:00 PM | 0 | 30.7146 | 16.568 | 2023.7 |
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| 9/24/2018 | 6:45:00 PM | 0 | 30.7051 | 16.572 | 2023.1 |
| 9/24/2018 | 7:00:00 PM | 0 | 30.7094 | 16.57 | 2025 |
| 9/24/2018 | 7:15:00 PM | 0 | 30.7006 | 16.562 | 2023.8 |
| 9/24/2018 | 7:30:00 PM | 0 | 30.7028 | 16.555 | 2023.6 |
| 9/24/2018 | 7:45:00 PM | 0 | 30.7035 | 16.562 | 2024.2 |
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| 9/24/2018 | 8:15:00 PM | 0 | 30.6895 | 16.567 | 2023.7 |

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| 9/24/2018 | 9:30:00 PM | 0 | 30.6727 | 16.57 | 2022.7 |
| 9/24/2018 | 9:45:00 PM | 0 | 30.6757 | 16.57 | 2023.5 |
| 9/24/2018 | 10:00:00 PM | 0 | 30.6776 | 16.561 | 2022.2 |
| 9/24/2018 | 10:15:00 PM | 0 | 30.6771 | 16.555 | 2024.1 |
| 9/24/2018 | 10:30:00 PM | 0 | 30.6762 | 16.565 | 2022.1 |
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| 9/24/2018 | 11:00:00 PM | 0 | 30.6765 | 16.568 | 2023.7 |
| 9/24/2018 | 11:15:00 PM | 0 | 30.6742 | 16.566 | 2023.6 |
| 9/24/2018 | 11:30:00 PM | 0 | 30.6724 | 16.571 | 2022.9 |
| 9/24/2018 | 11:45:00 PM | 0 | 30.6777 | 16.57 | 2023.1 |
| 9/25/2018 | 12:00:00 AM | 0 | 30.6769 | 16.557 | 2021.7 |
| 9/25/2018 | 12:15:00 AM | 0 | 30.681 | 16.564 | 2023.3 |
| 9/25/2018 | 12:30:00 AM | 0 | 30.6771 | 16.568 | 2024.9 |
| 9/25/2018 | 12:45:00 AM | 0 | 30.6839 | 16.57 | 2024.8 |
| 9/25/2018 | 1:00:00 AM | 0 | 30.6827 | 16.575 | 2023.6 |
| 9/25/2018 | 1:15:00 AM | 0 | 30.6837 | 16.58 | 2023.9 |
| 9/25/2018 | 1:30:00 AM | 0 | 30.6824 | 16.575 | 2023.1 |
| 9/25/2018 | 1:45:00 AM | 0 | 30.6841 | 16.571 | 2022.8 |
| 9/25/2018 | 2:00:00 AM | 0 | 30.6837 | 16.558 | 2024.3 |
| 9/25/2018 | 2:15:00 AM | 0 | 30.6822 | 16.555 | 2025 |
| 9/25/2018 | 2:30:00 AM | 0 | 30.6871 | 16.572 | 2024 |
| 9/25/2018 | 2:45:00 AM | 0 | 30.6843 | 16.571 | 2023.6 |
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| 9/25/2018 | 4:00:00 AM | 0 | 30.6923 | 16.565 | 2022.4 |
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| 9/25/2018 | 4:45:00 AM | 0 | 30.6964 | 16.57 | 2023.5 |
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| 9/25/2018 | 5:45:00 AM | 0 | 30.6823 | 16.554 | 2024.7 |
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| 9/25/2018 | 6:15:00 AM | 0 | 30.6838 | 16.573 | 2024.6 |
| 9/25/2018 | 6:30:00 AM | 0 | 30.6767 | 16.569 | 2024.5 |
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| 9/25/2018 | 7:00:00 AM | 0 | 30.6783 | 16.554 | 2024 |
| 9/25/2018 | 7:15:00 AM | 0 | 30.6746 | 16.555 | 2024.1 |
| 9/25/2018 | 7:30:00 AM | 0 | 30.6711 | 16.571 | 2024.6 |
| 9/25/2018 | 7:45:00 AM | 0 | 30.6736 | 16.567 | 2024.7 |
| 9/25/2018 | 8:00:00 AM | 0 | 30.6691 | 16.568 | 2023.6 |
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| 9/25/2018 | 9:30:00 AM | 0 | 30.6588 | 16.559 | 2024.7 |
| 9/25/2018 | 9:45:00 AM | 0 | 30.6568 | 16.56 | 2024.9 |
| 9/25/2018 | 10:00:00 AM | 0 | 30.6513 | 16.565 | 2024.2 |
| 9/25/2018 | 10:15:00 AM | 0 | 30.657 | 16.565 | 2024.7 |
| 9/25/2018 | 10:30:00 AM | 0 | 30.6569 | 16.565 | 2023.3 |
| 9/25/2018 | 10:45:00 AM | 0 | 30.6528 | 16.577 | 2024.3 |
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| 9/25/2018 | 11:15:00 AM | 0 | 30.6514 | 16.561 | 2024.6 |
| 9/25/2018 | 11:30:00 AM | 0 | 30.6525 | 16.573 | 2024.5 |
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| 9/25/2018 | 12:00:00 PM | 0 | 30.6578 | 16.555 | 2024.8 |
| 9/25/2018 | 12:15:00 PM | 0 | 30.6602 | 16.555 | 2025 |
| 9/25/2018 | 12:30:00 PM | 0 | 30.6606 | 16.572 | 2023.1 |
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| 9/25/2018 | 1:15:00 PM | 0 | 30.6661 | 16.56 | 2023.6 |
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| 9/25/2018 | 1:45:00 PM | 0 | 30.6694 | 16.55 | 2023.5 |
| 9/25/2018 | 2:00:00 PM | 0 | 30.673 | 16.567 | 2022.6 |
| 9/25/2018 | 2:15:00 PM | 0 | 30.6773 | 16.559 | 2024.8 |
| 9/25/2018 | 2:30:00 PM | 0 | 30.6847 | 16.564 | 2024.9 |
| 9/25/2018 | 2:45:00 PM | 0 | 30.6883 | 16.564 | 2024.1 |
| 9/25/2018 | 3:00:00 PM | 0 | 30.6857 | 16.55 | 2024.1 |
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| 9/25/2018 | 4:15:00 PM | 0 | 30.6896 | 16.569 | 2024.6 |
| 9/25/2018 | 4:30:00 PM | 0 | 30.6903 | 16.562 | 2024.1 |
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| 9/25/2018 | 7:15:00 PM | 0 | 30.679 | 16.566 | 2024.6 |
| 9/25/2018 | 7:30:00 PM | 0 | 30.6724 | 16.564 | 2024.3 |
| 9/25/2018 | 7:45:00 PM | 0 | 30.6733 | 16.564 | 2023.6 |
| 9/25/2018 | 8:00:00 PM | 0 | 30.6744 | 16.57 | 2024.7 |
| 9/25/2018 | 8:15:00 PM | 0 | 30.6691 | 16.558 | 2025 |

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| 9/25/2018 | 9:00:00 PM | 0 | 30.6632 | 16.567 | 2024.4 |
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| 9/25/2018 | 10:00:00 PM | 0 | 30.6602 | 16.573 | 2023.3 |
| 9/25/2018 | 10:15:00 PM | 0 | 30.6626 | 16.565 | 2023.9 |
| 9/25/2018 | 10:30:00 PM | 0 | 30.6627 | 16.558 | 2024.3 |
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| 9/25/2018 | 11:15:00 PM | 0 | 30.6669 | 16.575 | 2024.3 |
| 9/25/2018 | 11:30:00 PM | 0 | 30.6661 | 16.563 | 2022.6 |
| 9/25/2018 | 11:45:00 PM | 0 | 30.6721 | 16.566 | 2023.9 |
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| 9/26/2018 | 12:15:00 AM | 0 | 30.669 | 16.569 | 2025.4 |
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| 9/26/2018 | 3:00:00 AM | 0 | 30.6697 | 16.577 | 2024.2 |
| 9/26/2018 | 3:15:00 AM | 0 | 30.6757 | 16.564 | 2024.8 |
| 9/26/2018 | 3:30:00 AM | 0 | 30.6829 | 16.568 | 2025.2 |
| 9/26/2018 | 3:45:00 AM | 0 | 30.6808 | 16.562 | 2023 |
| 9/26/2018 | 4:00:00 AM | 0 | 30.6834 | 16.566 | 2024.6 |
| 9/26/2018 | 4:15:00 AM | 0 | 30.6828 | 16.577 | 2024 |
| 9/26/2018 | 4:30:00 AM | 0 | 30.6797 | 16.569 | 2022.9 |
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| 9/26/2018 | 5:00:00 AM | 0 | 30.6756 | 16.574 | 2024.8 |
| 9/26/2018 | 5:15:00 AM | 0 | 30.6703 | 16.575 | 2023.6 |
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| 9/26/2018 | 5:45:00 AM | 0 | 30.6683 | 16.569 | 2024.6 |
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| 9/26/2018 | 6:15:00 AM | 0 | 30.6587 | 16.565 | 2024.8 |
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| 9/26/2018 | 7:00:00 AM | 0 | 30.6545 | 16.574 | 2025.7 |
| 9/26/2018 | 7:15:00 AM | 0 | 30.6535 | 16.569 | 2024.2 |
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| 9/26/2018 | 7:45:00 AM | 0 | 30.6477 | 16.566 | 2025 |
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| 9/26/2018 | 9:00:00 AM | 0 | 30.6415 | 16.565 | 2025.6 |
| 9/26/2018 | 9:15:00 AM | 0 | 30.6431 | 16.559 | 2024.4 |
| 9/26/2018 | 9:30:00 AM | 0 | 30.6405 | 16.567 | 2024.7 |
| 9/26/2018 | 9:45:00 AM | 0 | 30.6435 | 16.557 | 2024.7 |
| 9/26/2018 | 10:00:00 AM | 0 | 30.6505 | 16.566 | 2025.2 |
| 9/26/2018 | 10:15:00 AM | 0 | 30.6554 | 16.563 | 2024.6 |
| 9/26/2018 | 10:30:00 AM | 0 | 30.6506 | 16.568 | 2023.7 |
| 9/26/2018 | 10:45:00 AM | 0 | 30.6614 | 16.562 | 2024.1 |
| 9/26/2018 | 11:00:00 AM | 0 | 30.668 | 16.557 | 2023.6 |
| 9/26/2018 | 11:15:00 AM | 0 | 30.6814 | 16.57 | 2023.8 |
| 9/26/2018 | 11:30:00 AM | 0 | 30.6833 | 16.57 | 2023.2 |
| 9/26/2018 | 11:45:00 AM | 0 | 30.6824 | 16.57 | 2025.5 |
| 9/26/2018 | 12:00:00 PM | 0 | 30.6772 | 16.571 | 2025.7 |
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| 9/26/2018 | 12:30:00 PM | 0 | 30.6726 | 16.569 | 2024.6 |
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| 9/26/2018 | 1:45:00 PM | 0 | 30.6753 | 16.559 | 2025.6 |
| 9/26/2018 | 2:00:00 PM | 0 | 30.6814 | 16.561 | 2025.7 |
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| 9/26/2018 | 3:15:00 PM | 0 | 30.6819 | 16.564 | 2024.7 |
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| 9/26/2018 | 4:00:00 PM | 0 | 30.6715 | 16.564 | 2024.2 |
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| 9/26/2018 | 4:45:00 PM | 0 | 30.6723 | 16.561 | 2025.3 |
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| 9/26/2018 | 5:45:00 PM | 0 | 30.6664 | 16.564 | 2024.8 |
| 9/26/2018 | 6:00:00 PM | 0 | 30.6673 | 16.576 | 2025.2 |
| 9/26/2018 | 6:15:00 PM | 0 | 30.6693 | 16.56 | 2025.1 |
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| 9/26/2018 | 7:00:00 PM | 0 | 30.6719 | 16.568 | 2024.2 |
| 9/26/2018 | 7:15:00 PM | 0 | 30.6702 | 16.571 | 2024.7 |
| 9/26/2018 | 7:30:00 PM | 0 | 30.68 | 16.562 | 2025 |
| 9/26/2018 | 7:45:00 PM | 0 | 30.6779 | 16.549 | 2024.8 |
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| 9/26/2018 | 8:15:00 PM | 0 | 30.6752 | 16.57 | 2025 |

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| 9/26/2018 | 9:45:00 PM | 0 | 30.6758 | 16.561 | 2024.9 |
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| 9/26/2018 | 11:00:00 PM | 0 | 30.6717 | 16.567 | 2024.9 |
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| 9/26/2018 | 11:30:00 PM | 0 | 30.6745 | 16.561 | 2025.3 |
| 9/26/2018 | 11:45:00 PM | 0 | 30.6758 | 16.558 | 2025.6 |
| 9/27/2018 | 12:00:00 AM | 0 | 30.6758 | 16.566 | 2024.5 |
| 9/27/2018 | 12:15:00 AM | 0 | 30.6797 | 16.567 | 2024.8 |
| 9/27/2018 | 12:30:00 AM | 0 | 30.6802 | 16.561 | 2024.9 |
| 9/27/2018 | 12:45:00 AM | 0 | 30.6839 | 16.563 | 2024.5 |
| 9/27/2018 | 1:00:00 AM | 0 | 30.6851 | 16.577 | 2024.8 |
| 9/27/2018 | 1:15:00 AM | 0 | 30.6892 | 16.575 | 2025 |
| 9/27/2018 | 1:30:00 AM | 0 | 30.6893 | 16.569 | 2026.1 |
| 9/27/2018 | 1:45:00 AM | 0 | 30.6904 | 16.566 | 2024.1 |
| 9/27/2018 | 2:00:00 AM | 0 | 30.6929 | 16.561 | 2024.5 |
| 9/27/2018 | 2:15:00 AM | 0 | 30.6929 | 16.555 | 2025.1 |
| 9/27/2018 | 2:30:00 AM | 0 | 30.6936 | 16.57 | 2024.4 |
| 9/27/2018 | 2:45:00 AM | 0 | 30.6949 | 16.566 | 2023 |
| 9/27/2018 | 3:00:00 AM | 0 | 30.6895 | 16.555 | 2023.5 |
| 9/27/2018 | 3:15:00 AM | 0 | 30.6942 | 16.576 | 2025.2 |
| 9/27/2018 | 3:30:00 AM | 0 | 30.6917 | 16.575 | 2025.6 |
| 9/27/2018 | 3:45:00 AM | 0 | 30.693 | 16.576 | 2024.8 |
| 9/27/2018 | 4:00:00 AM | 0 | 30.6905 | 16.579 | 2025.9 |
| 9/27/2018 | 4:15:00 AM | 0 | 30.6921 | 16.573 | 2025 |
| 9/27/2018 | 4:30:00 AM | 0 | 30.6945 | 16.565 | 2025.6 |
| 9/27/2018 | 4:45:00 AM | 0 | 30.6917 | 16.564 | 2025.4 |
| 9/27/2018 | 5:00:00 AM | 0 | 30.6917 | 16.563 | 2024.8 |
| 9/27/2018 | 5:15:00 AM | 0 | 30.6876 | 16.563 | 2023.8 |
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| 9/27/2018 | 6:15:00 AM | 0 | 30.6856 | 16.577 | 2025.3 |
| 9/27/2018 | 6:30:00 AM | 0 | 30.6863 | 16.569 | 2026.6 |
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| 9/27/2018 | 7:00:00 AM | 0 | 30.676 | 16.571 | 2025 |
| 9/27/2018 | 7:15:00 AM | 0 | 30.6686 | 16.57 | 2025.1 |
| 9/27/2018 | 7:30:00 AM | 0 | 30.6684 | 16.565 | 2023.3 |
| 9/27/2018 | 7:45:00 AM | 0 | 30.6623 | 16.571 | 2025.6 |
| 9/27/2018 | 8:00:00 AM | 0 | 30.66 | 16.574 | 2025.2 |
| 9/27/2018 | 8:15:00 AM | 0 | 30.6554 | 16.572 | 2023.7 |
| 9/27/2018 | 8:30:00 AM | 0 | 30.6574 | 16.575 | 2025.5 |
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| 9/27/2018 | 9:00:00 AM | 0 | 30.6556 | 16.553 | 2025.2 |
| 9/27/2018 | 9:15:00 AM | 0 | 30.6582 | 16.556 | 2025.7 |
| 9/27/2018 | 9:30:00 AM | 0 | 30.6515 | 16.571 | 2025.3 |
| 9/27/2018 | 9:45:00 AM | 0 | 30.6557 | 16.565 | 2024.8 |
| 9/27/2018 | 10:00:00 AM | 0 | 30.6544 | 16.555 | 2024.9 |
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| 9/27/2018 | 10:30:00 AM | 0 | 30.6529 | 16.57 | 2025 |
| 9/27/2018 | 10:45:00 AM | 0 | 30.6592 | 16.569 | 2026.3 |
| 9/27/2018 | 11:00:00 AM | 0 | 30.6652 | 16.557 | 2025.2 |
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| 9/27/2018 | 12:00:00 PM | 0 | 30.6749 | 16.569 | 2024.6 |
| 9/27/2018 | 12:15:00 PM | 0 | 30.6732 | 16.56 | 2025 |
| 9/27/2018 | 12:30:00 PM | 0 | 30.6762 | 16.561 | 2025.1 |
| 9/27/2018 | 12:45:00 PM | 0 | 30.6789 | 16.57 | 2024.2 |
| 9/27/2018 | 1:00:00 PM | 0 | 30.6827 | 16.575 | 2024.1 |
| 9/27/2018 | 1:15:00 PM | 0 | 30.6896 | 16.575 | 2025.3 |
| 9/27/2018 | 1:30:00 PM | 0 | 30.6889 | 16.568 | 2026.3 |
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| 9/27/2018 | 2:00:00 PM | 0 | 30.6992 | 16.561 | 2025.6 |
| 9/27/2018 | 2:15:00 PM | 0 | 30.7045 | 16.565 | 2024.9 |
| 9/27/2018 | 2:30:00 PM | 0 | 30.7063 | 16.579 | 2024.7 |
| 9/27/2018 | 2:45:00 PM | 0 | 30.7045 | 16.58 | 2025.6 |
| 9/27/2018 | 3:00:00 PM | 0 | 30.7073 | 16.572 | 2024.4 |
| 9/27/2018 | 3:15:00 PM | 0 | 30.7038 | 16.566 | 2025.1 |
| 9/27/2018 | 3:30:00 PM | 0 | 30.7027 | 16.556 | 2025.2 |
| 9/27/2018 | 3:45:00 PM | 0 | 30.7022 | 16.564 | 2026.4 |
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| 9/27/2018 | 5:15:00 PM | 0 | 30.6994 | 16.56 | 2025.5 |
| 9/27/2018 | 5:30:00 PM | 0 | 30.6988 | 16.554 | 2024.5 |
| 9/27/2018 | 5:45:00 PM | 0 | 30.6995 | 16.567 | 2024.8 |
| 9/27/2018 | 6:00:00 PM | 0 | 30.7002 | 16.573 | 2025.4 |
| 9/27/2018 | 6:15:00 PM | 0 | 30.6962 | 16.562 | 2025.3 |
| 9/27/2018 | 6:30:00 PM | 0 | 30.6994 | 16.566 | 2024.4 |
| 9/27/2018 | 6:45:00 PM | 0 | 30.7004 | 16.569 | 2025.2 |
| 9/27/2018 | 7:00:00 PM | 0 | 30.701 | 16.576 | 2024.4 |
| 9/27/2018 | 7:15:00 PM | 0 | 30.7072 | 16.573 | 2024.9 |
| 9/27/2018 | 7:30:00 PM | 0 | 30.7022 | 16.549 | 2023.6 |
| 9/27/2018 | 7:45:00 PM | 0 | 30.699 | 16.554 | 2024.6 |
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| 9/27/2018 | 8:15:00 PM | 0 | 30.6963 | 16.563 | 2024 |

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| 9/27/2018 | 8:45:00 PM | 0 | 30.6962 | 16.575 | 2026.2 |
| 9/27/2018 | 9:00:00 PM | 0 | 30.6934 | 16.56 | 2023.7 |
| 9/27/2018 | 9:15:00 PM | 0 | 30.6961 | 16.565 | 2025.4 |
| 9/27/2018 | 9:30:00 PM | 0 | 30.6951 | 16.562 | 2025.8 |
| 9/27/2018 | 9:45:00 PM | 0 | 30.698 | 16.558 | 2025.8 |
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| 9/27/2018 | 10:15:00 PM | 0 | 30.6906 | 16.567 | 2025 |
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| 9/27/2018 | 11:00:00 PM | 0 | 30.691 | 16.565 | 2024.3 |
| 9/27/2018 | 11:15:00 PM | 0 | 30.6947 | 16.574 | 2024.2 |
| 9/27/2018 | 11:30:00 PM | 0 | 30.6914 | 16.576 | 2025.4 |
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| 9/28/2018 | 12:30:00 AM | 0 | 30.6866 | 16.556 | 2025.8 |
| 9/28/2018 | 12:45:00 AM | 0 | 30.685 | 16.566 | 2026.3 |
| 9/28/2018 | 1:00:00 AM | 0 | 30.6919 | 16.568 | 2026.7 |
| 9/28/2018 | 1:15:00 AM | 0 | 30.6929 | 16.573 | 2024.5 |
| 9/28/2018 | 1:30:00 AM | 0 | 30.6964 | 16.57 | 2021.9 |
| 9/28/2018 | 1:45:00 AM | 0 | 30.6896 | 16.566 | 2024.9 |
| 9/28/2018 | 2:00:00 AM | 0 | 30.6928 | 16.556 | 2023.7 |
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| 9/28/2018 | 2:30:00 AM | 0 | 30.6888 | 16.558 | 2026.3 |
| 9/28/2018 | 2:45:00 AM | 0 | 30.6937 | 16.569 | 2025.8 |
| 9/28/2018 | 3:00:00 AM | 0 | 30.692 | 16.567 | 2025.4 |
| 9/28/2018 | 3:15:00 AM | 0 | 30.6939 | 16.56 | 2025.7 |
| 9/28/2018 | 3:30:00 AM | 0 | 30.6967 | 16.56 | 2025.1 |
| 9/28/2018 | 3:45:00 AM | 0 | 30.7026 | 16.565 | 2026.8 |
| 9/28/2018 | 4:00:00 AM | 0 | 30.706 | 16.565 | 2026 |
| 9/28/2018 | 4:15:00 AM | 0 | 30.7075 | 16.57 | 2024.7 |
| 9/28/2018 | 4:30:00 AM | 0 | 30.7056 | 16.562 | 2023.2 |
| 9/28/2018 | 4:45:00 AM | 0 | 30.7045 | 16.562 | 2025.6 |
| 9/28/2018 | 5:00:00 AM | 0 | 30.6982 | 16.556 | 2022.9 |
| 9/28/2018 | 5:15:00 AM | 0 | 30.6956 | 16.555 | 2026.2 |
| 9/28/2018 | 5:30:00 AM | 0 | 30.6954 | 16.563 | 2025.5 |
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| 9/28/2018 | 7:45:00 AM | 0 | 30.6633 | 16.559 | 2025 |
| 9/28/2018 | 8:00:00 AM | 0 | 30.6699 | 16.565 | 2025.7 |
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| 9/28/2018 | 9:30:00 AM | 0 | 30.6686 | 16.558 | 2025.5 |
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| 9/28/2018 | 10:30:00 AM | 0 | 30.668 | 16.573 | 2026.8 |
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| 9/28/2018 | 12:15:00 PM | 0 | 30.683 | 16.561 | 2025.6 |
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| 9/28/2018 | 1:45:00 PM | 0 | 30.6937 | 16.566 | 2026.7 |
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| 9/28/2018 | 2:45:00 PM | 0 | 30.7098 | 16.566 | 2025.6 |
| 9/28/2018 | 3:00:00 PM | 0 | 30.7078 | 16.573 | 2026.2 |
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| 9/28/2018 | 3:30:00 PM | 0 | 30.7074 | 16.555 | 2024.9 |
| 9/28/2018 | 3:45:00 PM | 0 | 30.7068 | 16.552 | 2025.3 |
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| 9/28/2018 | 4:30:00 PM | 0 | 30.7099 | 16.571 | 2025.2 |
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| 9/28/2018 | 6:30:00 PM | 0 | 30.7098 | 16.561 | 2026.1 |
| 9/28/2018 | 6:45:00 PM | 0 | 30.7047 | 16.561 | 2025.8 |
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| 9/28/2018 | 7:15:00 PM | 0 | 30.701 | 16.573 | 2026.1 |
| 9/28/2018 | 7:30:00 PM | 0 | 30.6994 | 16.569 | 2025.9 |
| 9/28/2018 | 7:45:00 PM | 0 | 30.693 | 16.559 | 2025.7 |
| 9/28/2018 | 8:00:00 PM | 0 | 30.6885 | 16.557 | 2026.3 |
| 9/28/2018 | 8:15:00 PM | 0 | 30.6876 | 16.56 | 2024.5 |

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| 9/28/2018 | 9:00:00 PM | 0 | 30.6798 | 16.556 | 2026.4 |
| 9/28/2018 | 9:15:00 PM | 0 | 30.6787 | 16.569 | 2026.1 |
| 9/28/2018 | 9:30:00 PM | 0 | 30.6746 | 16.565 | 2026 |
| 9/28/2018 | 9:45:00 PM | 0 | 30.6802 | 16.572 | 2024.9 |
| 9/28/2018 | 10:00:00 PM | 0 | 30.6818 | 16.552 | 2027.1 |
| 9/28/2018 | 10:15:00 PM | 0 | 30.686 | 16.56 | 2025.4 |
| 9/28/2018 | 10:30:00 PM | 0 | 30.6812 | 16.564 | 2025.7 |
| 9/28/2018 | 10:45:00 PM | 0 | 30.6825 | 16.57 | 2026.9 |
| 9/28/2018 | 11:00:00 PM | 0 | 30.6747 | 16.559 | 2026.4 |
| 9/28/2018 | 11:15:00 PM | 0 | 30.675 | 16.564 | 2026.5 |
| 9/28/2018 | 11:30:00 PM | 0 | 30.6767 | 16.561 | 2025.3 |
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| 9/29/2018 | 12:00:00 AM | 0 | 30.677 | 16.558 | 2026.7 |
| 9/29/2018 | 12:15:00 AM | 0 | 30.6793 | 16.569 | 2025.8 |
| 9/29/2018 | 12:30:00 AM | 0 | 30.681 | 16.562 | 2025.9 |
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| 9/29/2018 | 6:15:00 PM | 0 | 30.6902 | 16.575 | 2026.8 |
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| 9/30/2018 | 8:15:00 PM | 0 | 30.6687 | 16.558 | 2026.8 |

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| 10/1/2018 | 4:15:00 PM | 0 | 30.7134 | 16.569 | 2027.4 |
| 10/1/2018 | 4:30:00 PM | 0 | 30.7148 | 16.564 | 2027.6 |
| 10/1/2018 | 4:45:00 PM | 0 | 30.7063 | 16.565 | 2026.9 |
| 10/1/2018 | 5:00:00 PM | 0 | 30.7066 | 16.556 | 2027.1 |
| 10/1/2018 | 5:15:00 PM | 0 | 30.7083 | 16.551 | 2028.5 |
| 10/1/2018 | 5:30:00 PM | 0 | 30.7012 | 16.558 | 2028.4 |
| 10/1/2018 | 5:45:00 PM | 0 | 30.7028 | 16.57 | 2028.5 |
| 10/1/2018 | 6:00:00 PM | 0 | 30.6996 | 16.578 | 2027.9 |
| 10/1/2018 | 6:15:00 PM | 0 | 30.6977 | 16.57 | 2029 |
| 10/1/2018 | 6:30:00 PM | 0 | 30.7043 | 16.56 | 2026.6 |
| 10/1/2018 | 6:45:00 PM | 0 | 30.704 | 16.575 | 2027.3 |
| 10/1/2018 | 7:00:00 PM | 0 | 30.7098 | 16.563 | 2028 |
| 10/1/2018 | 7:15:00 PM | 0 | 30.7073 | 16.563 | 2029 |
| 10/1/2018 | 7:30:00 PM | 0 | 30.7128 | 16.569 | 2028.3 |
| 10/1/2018 | 7:45:00 PM | 0 | 30.7086 | 16.565 | 2029.4 |
| 10/1/2018 | 8:00:00 PM | 0 | 30.7064 | 16.565 | 2027.8 |
| 10/1/2018 | 8:15:00 PM | 0 | 30.7038 | 16.564 | 2028.8 |

| | | | | | |
|-----------|-------------|---|---------|--------|--------|
| 10/1/2018 | 8:30:00 PM | 0 | 30.7031 | 16.561 | 2027 |
| 10/1/2018 | 8:45:00 PM | 0 | 30.7012 | 16.568 | 2027.8 |
| 10/1/2018 | 9:00:00 PM | 0 | 30.6981 | 16.557 | 2028.3 |
| 10/1/2018 | 9:15:00 PM | 0 | 30.6947 | 16.551 | 2029.4 |
| 10/1/2018 | 9:30:00 PM | 0 | 30.6952 | 16.549 | 2028.6 |
| 10/1/2018 | 9:45:00 PM | 0 | 30.6928 | 16.554 | 2027.4 |
| 10/1/2018 | 10:00:00 PM | 0 | 30.6855 | 16.57 | 2028.1 |
| 10/1/2018 | 10:15:00 PM | 0 | 30.6884 | 16.562 | 2029.1 |
| 10/1/2018 | 10:30:00 PM | 0 | 30.6915 | 16.569 | 2028.6 |
| 10/1/2018 | 10:45:00 PM | 0 | 30.69 | 16.568 | 2028.6 |
| 10/1/2018 | 11:00:00 PM | 0 | 30.6898 | 16.568 | 2027.8 |
| 10/1/2018 | 11:15:00 PM | 0 | 30.6976 | 16.571 | 2027.6 |
| 10/1/2018 | 11:30:00 PM | 0 | 30.6953 | 16.569 | 2028.3 |
| 10/1/2018 | 11:45:00 PM | 0 | 30.6902 | 16.555 | 2028.3 |
| 10/2/2018 | 12:00:00 AM | 0 | 30.6905 | 16.559 | 2027.6 |
| 10/2/2018 | 12:15:00 AM | 0 | 30.6895 | 16.575 | 2028.4 |
| 10/2/2018 | 12:30:00 AM | 0 | 30.6872 | 16.571 | 2028.9 |
| 10/2/2018 | 12:45:00 AM | 0 | 30.6885 | 16.562 | 2028.4 |
| 10/2/2018 | 1:00:00 AM | 0 | 30.6904 | 16.564 | 2028.2 |
| 10/2/2018 | 1:15:00 AM | 0 | 30.6961 | 16.572 | 2026.4 |
| 10/2/2018 | 1:30:00 AM | 0 | 30.6986 | 16.568 | 2027.9 |
| 10/2/2018 | 1:45:00 AM | 0 | 30.6967 | 16.56 | 2028.4 |
| 10/2/2018 | 2:00:00 AM | 0 | 30.6958 | 16.554 | 2027 |
| 10/2/2018 | 2:15:00 AM | 0 | 30.6938 | 16.562 | 2027.1 |
| 10/2/2018 | 2:30:00 AM | 0 | 30.6929 | 16.561 | 2027 |
| 10/2/2018 | 2:45:00 AM | 0 | 30.6972 | 16.564 | 2028.2 |
| 10/2/2018 | 3:00:00 AM | 0 | 30.7011 | 16.567 | 2029.3 |
| 10/2/2018 | 3:15:00 AM | 0 | 30.7056 | 16.57 | 2027.1 |
| 10/2/2018 | 3:30:00 AM | 0 | 30.7108 | 16.563 | 2028.6 |
| 10/2/2018 | 3:45:00 AM | 0 | 30.7115 | 16.553 | 2027.3 |
| 10/2/2018 | 4:00:00 AM | 0 | 30.7154 | 16.553 | 2026.9 |
| 10/2/2018 | 4:15:00 AM | 0 | 30.7178 | 16.571 | 2028.3 |
| 10/2/2018 | 4:30:00 AM | 0 | 30.7076 | 16.575 | 2027.4 |
| 10/2/2018 | 4:45:00 AM | 0 | 30.7107 | 16.554 | 2029.3 |
| 10/2/2018 | 5:00:00 AM | 0 | 30.7046 | 16.55 | 2028.2 |
| 10/2/2018 | 5:15:00 AM | 0 | 30.7009 | 16.552 | 2028.1 |
| 10/2/2018 | 5:30:00 AM | 0 | 30.6927 | 16.567 | 2029 |
| 10/2/2018 | 5:45:00 AM | 0 | 30.6994 | 16.555 | 2029.5 |
| 10/2/2018 | 6:00:00 AM | 0 | 30.6833 | 16.57 | 2028.6 |
| 10/2/2018 | 6:15:00 AM | 0 | 30.6834 | 16.572 | 2028.4 |
| 10/2/2018 | 6:30:00 AM | 0 | 30.6837 | 16.572 | 2028.6 |
| 10/2/2018 | 6:45:00 AM | 0 | 30.6819 | 16.569 | 2029.6 |
| 10/2/2018 | 7:00:00 AM | 0 | 30.6853 | 16.562 | 2028.1 |
| 10/2/2018 | 7:15:00 AM | 0 | 30.6876 | 16.562 | 2028.2 |
| 10/2/2018 | 7:30:00 AM | 0 | 30.684 | 16.556 | 2028.7 |
| 10/2/2018 | 7:45:00 AM | 0 | 30.689 | 16.552 | 2028.9 |
| 10/2/2018 | 8:00:00 AM | 0 | 30.6902 | 16.553 | 2029.8 |
| 10/2/2018 | 8:15:00 AM | 0 | 30.6818 | 16.56 | 2028.5 |
| 10/2/2018 | 8:30:00 AM | 0 | 30.6801 | 16.57 | 2027.8 |
| 10/2/2018 | 8:45:00 AM | 0 | 30.684 | 16.566 | 2027.6 |
| 10/2/2018 | 9:00:00 AM | 0 | 30.685 | 16.563 | 2027.3 |
| 10/2/2018 | 9:15:00 AM | 0 | 30.6784 | 16.564 | 2028.2 |
| 10/2/2018 | 9:30:00 AM | 0 | 30.672 | 16.564 | 2027.7 |
| 10/2/2018 | 9:45:00 AM | 0 | 30.6679 | 16.569 | 2029.4 |
| 10/2/2018 | 10:00:00 AM | 0 | 30.6676 | 16.567 | 2028.7 |
| 10/2/2018 | 10:15:00 AM | 0 | 30.6723 | 16.561 | 2027.7 |
| 10/2/2018 | 10:30:00 AM | 0 | 30.6703 | 16.559 | 2028 |
| 10/2/2018 | 10:45:00 AM | 0 | 30.6747 | 16.566 | 2029.7 |
| 10/2/2018 | 11:00:00 AM | 0 | 30.6837 | 16.564 | 2028.1 |
| 10/2/2018 | 11:15:00 AM | 0 | 30.6826 | 16.562 | 2028.7 |
| 10/2/2018 | 11:30:00 AM | 0 | 30.6836 | 16.56 | 2029.7 |
| 10/2/2018 | 11:45:00 AM | 0 | 30.6901 | 16.557 | 2028.2 |
| 10/2/2018 | 12:00:00 PM | 0 | 30.6896 | 16.573 | 2029.7 |
| 10/2/2018 | 12:15:00 PM | 0 | 30.6925 | 16.561 | 2029.8 |
| 10/2/2018 | 12:30:00 PM | 0 | 30.6985 | 16.568 | 2029.1 |
| 10/2/2018 | 12:45:00 PM | 0 | 30.6957 | 16.562 | 2027.6 |
| 10/2/2018 | 1:00:00 PM | 0 | 30.7038 | 16.561 | 2029.1 |
| 10/2/2018 | 1:15:00 PM | 0 | 30.7073 | 16.562 | 2028.5 |
| 10/2/2018 | 1:30:00 PM | 0 | 30.7116 | 16.571 | 2027.4 |
| 10/2/2018 | 1:45:00 PM | 0 | 30.7146 | 16.572 | 2028.9 |
| 10/2/2018 | 2:00:00 PM | 0 | 30.7203 | 16.57 | 2028.5 |
| 10/2/2018 | 2:15:00 PM | 0 | 30.7244 | 16.557 | 2029.6 |
| 10/2/2018 | 2:30:00 PM | 0 | 30.7237 | 16.559 | 2029.4 |
| 10/2/2018 | 2:45:00 PM | 0 | 30.725 | 16.558 | 2027.2 |
| 10/2/2018 | 3:00:00 PM | 0 | 30.7271 | 16.568 | 2028.2 |
| 10/2/2018 | 3:15:00 PM | 0 | 30.7259 | 16.563 | 2028 |
| 10/2/2018 | 3:30:00 PM | 0 | 30.7259 | 16.553 | 2027.9 |
| 10/2/2018 | 3:45:00 PM | 0 | 30.7257 | 16.56 | 2029.5 |
| 10/2/2018 | 4:00:00 PM | 0 | 30.7222 | 16.57 | 2029.3 |
| 10/2/2018 | 4:15:00 PM | 0 | 30.7247 | 16.575 | 2028.4 |
| 10/2/2018 | 4:30:00 PM | 0 | 30.7199 | 16.57 | 2027.9 |
| 10/2/2018 | 4:45:00 PM | 0 | 30.7204 | 16.558 | 2027 |
| 10/2/2018 | 5:00:00 PM | 0 | 30.7137 | 16.561 | 2028.5 |
| 10/2/2018 | 5:15:00 PM | 0 | 30.7087 | 16.571 | 2030.1 |
| 10/2/2018 | 5:30:00 PM | 0 | 30.7053 | 16.56 | 2030 |
| 10/2/2018 | 5:45:00 PM | 0 | 30.7024 | 16.558 | 2029 |
| 10/2/2018 | 6:00:00 PM | 0 | 30.6998 | 16.559 | 2029.3 |
| 10/2/2018 | 6:15:00 PM | 0 | 30.6907 | 16.554 | 2029.9 |
| 10/2/2018 | 6:30:00 PM | 0 | 30.6862 | 16.555 | 2029.6 |
| 10/2/2018 | 6:45:00 PM | 0 | 30.6761 | 16.565 | 2029.6 |
| 10/2/2018 | 7:00:00 PM | 0 | 30.6678 | 16.575 | 2030.2 |
| 10/2/2018 | 7:15:00 PM | 0 | 30.6586 | 16.576 | 2029.4 |
| 10/2/2018 | 7:30:00 PM | 0 | 30.6523 | 16.571 | 2028.7 |
| 10/2/2018 | 7:45:00 PM | 0 | 30.6512 | 16.566 | 2030 |
| 10/2/2018 | 8:00:00 PM | 0 | 30.6427 | 16.565 | 2030.3 |
| 10/2/2018 | 8:15:00 PM | 0 | 30.6453 | 16.555 | 2029.2 |

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|-----------|-------------|---|---------|--------|--------|
| 10/2/2018 | 8:30:00 PM | 0 | 30.6427 | 16.552 | 2029 |
| 10/2/2018 | 8:45:00 PM | 0 | 30.6388 | 16.566 | 2028.8 |
| 10/2/2018 | 9:00:00 PM | 0 | 30.6355 | 16.55 | 2029.1 |
| 10/2/2018 | 9:15:00 PM | 0 | 30.634 | 16.564 | 2028.7 |
| 10/2/2018 | 9:30:00 PM | 0 | 30.6324 | 16.569 | 2030 |
| 10/2/2018 | 9:45:00 PM | 0 | 30.6338 | 16.569 | 2030.4 |
| 10/2/2018 | 10:00:00 PM | 0 | 30.6271 | 16.56 | 2028.2 |
| 10/2/2018 | 10:15:00 PM | 0 | 30.6316 | 16.552 | 2029.9 |
| 10/2/2018 | 10:30:00 PM | 0 | 30.6359 | 16.553 | 2028 |
| 10/2/2018 | 10:45:00 PM | 0 | 30.6349 | 16.569 | 2028 |
| 10/2/2018 | 11:00:00 PM | 0 | 30.6318 | 16.574 | 2027.7 |
| 10/2/2018 | 11:15:00 PM | 0 | 30.6383 | 16.568 | 2027.8 |
| 10/2/2018 | 11:30:00 PM | 0 | 30.6385 | 16.564 | 2029.2 |
| 10/2/2018 | 11:45:00 PM | 0 | 30.6398 | 16.562 | 2030.2 |
| 10/3/2018 | 12:00:00 AM | 0 | 30.6428 | 16.562 | 2029.4 |
| 10/3/2018 | 12:15:00 AM | 0 | 30.6476 | 16.571 | 2029.2 |
| 10/3/2018 | 12:30:00 AM | 0 | 30.6578 | 16.57 | 2029.3 |
| 10/3/2018 | 12:45:00 AM | 0 | 30.6547 | 16.578 | 2029.3 |
| 10/3/2018 | 1:00:00 AM | 0 | 30.6573 | 16.558 | 2028.2 |
| 10/3/2018 | 1:15:00 AM | 0 | 30.6577 | 16.553 | 2030.3 |
| 10/3/2018 | 1:30:00 AM | 0 | 30.6595 | 16.573 | 2028.7 |
| 10/3/2018 | 1:45:00 AM | 0 | 30.659 | 16.555 | 2028.9 |
| 10/3/2018 | 2:00:00 AM | 0 | 30.6584 | 16.562 | 2029.5 |
| 10/3/2018 | 2:15:00 AM | 0 | 30.6596 | 16.557 | 2028.8 |
| 10/3/2018 | 2:30:00 AM | 0 | 30.664 | 16.558 | 2029 |
| 10/3/2018 | 2:45:00 AM | 0 | 30.6739 | 16.561 | 2029.9 |
| 10/3/2018 | 3:00:00 AM | 0 | 30.6748 | 16.562 | 2029.7 |
| 10/3/2018 | 3:15:00 AM | 0 | 30.6784 | 16.547 | 2030.2 |
| 10/3/2018 | 3:30:00 AM | 0 | 30.6798 | 16.545 | 2029.7 |
| 10/3/2018 | 3:45:00 AM | 0 | 30.6807 | 16.548 | 2029.7 |
| 10/3/2018 | 4:00:00 AM | 0 | 30.679 | 16.572 | 2027.9 |
| 10/3/2018 | 4:15:00 AM | 0 | 30.6775 | 16.567 | 2028.8 |
| 10/3/2018 | 4:30:00 AM | 0 | 30.6827 | 16.568 | 2029.4 |
| 10/3/2018 | 4:45:00 AM | 0 | 30.6857 | 16.551 | 2030.8 |
| 10/3/2018 | 5:00:00 AM | 0 | 30.6863 | 16.554 | 2029.6 |
| 10/3/2018 | 5:15:00 AM | 0 | 30.6788 | 16.555 | 2028.3 |
| 10/3/2018 | 5:30:00 AM | 0 | 30.6739 | 16.564 | 2029 |
| 10/3/2018 | 5:45:00 AM | 0 | 30.6687 | 16.562 | 2029.9 |
| 10/3/2018 | 6:00:00 AM | 0 | 30.6707 | 16.575 | 2028.9 |
| 10/3/2018 | 6:15:00 AM | 0 | 30.6701 | 16.571 | 2030.3 |
| 10/3/2018 | 6:30:00 AM | 0 | 30.6785 | 16.562 | 2029.1 |
| 10/3/2018 | 6:45:00 AM | 0 | 30.6766 | 16.566 | 2028.9 |
| 10/3/2018 | 7:00:00 AM | 0 | 30.6716 | 16.56 | 2029.6 |
| 10/3/2018 | 7:15:00 AM | 0 | 30.6704 | 16.556 | 2029.6 |
| 10/3/2018 | 7:30:00 AM | 0 | 30.6611 | 16.569 | 2030.5 |
| 10/3/2018 | 7:45:00 AM | 0 | 30.6612 | 16.572 | 2028.5 |
| 10/3/2018 | 8:00:00 AM | 0 | 30.6588 | 16.564 | 2029.9 |
| 10/3/2018 | 8:15:00 AM | 0 | 30.6578 | 16.566 | 2028.8 |
| 10/3/2018 | 8:30:00 AM | 0 | 30.6505 | 16.562 | 2030.8 |
| 10/3/2018 | 8:45:00 AM | 0 | 30.6524 | 16.56 | 2028.8 |
| 10/3/2018 | 9:00:00 AM | 0 | 30.6517 | 16.55 | 2029.8 |
| 10/3/2018 | 9:15:00 AM | 0 | 30.6432 | 16.551 | 2028.1 |
| 10/3/2018 | 9:30:00 AM | 0 | 30.6453 | 16.554 | 2028.9 |
| 10/3/2018 | 9:45:00 AM | 0 | 30.6494 | 16.556 | 2030.4 |
| 10/3/2018 | 10:00:00 AM | 0 | 30.649 | 16.562 | 2029.4 |
| 10/3/2018 | 10:15:00 AM | 0 | 30.6456 | 16.561 | 2030.6 |
| 10/3/2018 | 10:30:00 AM | 0 | 30.6516 | 16.55 | 2030.3 |
| 10/3/2018 | 10:45:00 AM | 0 | 30.6505 | 16.565 | 2029.5 |
| 10/3/2018 | 11:00:00 AM | 0 | 30.648 | 16.565 | 2030.1 |
| 10/3/2018 | 11:15:00 AM | 0 | 30.6445 | 16.557 | 2030.1 |
| 10/3/2018 | 11:30:00 AM | 0 | 30.6467 | 16.557 | 2030.3 |
| 10/3/2018 | 11:45:00 AM | 0 | 30.6577 | 16.565 | 2030.1 |
| 10/3/2018 | 12:00:00 PM | 0 | 30.668 | 16.576 | 2029.4 |
| 10/3/2018 | 12:15:00 PM | 0 | 30.6748 | 16.577 | 2029.2 |
| 10/3/2018 | 12:30:00 PM | 0 | 30.6721 | 16.559 | 2029.4 |
| 10/3/2018 | 12:45:00 PM | 0 | 30.6697 | 16.553 | 2028.4 |
| 10/3/2018 | 1:00:00 PM | 0 | 30.6772 | 16.567 | 2030 |
| 10/3/2018 | 1:15:00 PM | 0 | 30.6804 | 16.562 | 2028.9 |
| 10/3/2018 | 1:30:00 PM | 0 | 30.6828 | 16.567 | 2029.7 |
| 10/3/2018 | 1:45:00 PM | 0 | 30.6783 | 16.573 | 2029.7 |
| 10/3/2018 | 2:00:00 PM | 0 | 30.6843 | 16.574 | 2030.4 |
| 10/3/2018 | 2:15:00 PM | 0 | 30.6858 | 16.56 | 2028.9 |
| 10/3/2018 | 2:30:00 PM | 0 | 30.6837 | 16.555 | 2029.6 |
| 10/3/2018 | 2:45:00 PM | 0 | 30.6867 | 16.549 | 2029.2 |
| 10/3/2018 | 3:00:00 PM | 0 | 30.6839 | 16.56 | 2029.4 |
| 10/3/2018 | 3:15:00 PM | 0 | 30.6916 | 16.554 | 2029.6 |
| 10/3/2018 | 3:30:00 PM | 0 | 30.6918 | 16.562 | 2028.2 |
| 10/3/2018 | 3:45:00 PM | 0 | 30.6892 | 16.572 | 2029.6 |
| 10/3/2018 | 4:00:00 PM | 0 | 30.6897 | 16.565 | 2029.7 |
| 10/3/2018 | 4:15:00 PM | 0 | 30.6889 | 16.565 | 2029.8 |
| 10/3/2018 | 4:30:00 PM | 0 | 30.6876 | 16.571 | 2028.9 |
| 10/3/2018 | 4:45:00 PM | 0 | 30.6848 | 16.567 | 2030.7 |
| 10/3/2018 | 5:00:00 PM | 0 | 30.6792 | 16.56 | 2030.6 |
| 10/3/2018 | 5:15:00 PM | 0 | 30.6773 | 16.568 | 2030.2 |
| 10/3/2018 | 5:30:00 PM | 0 | 30.6672 | 16.555 | 2030.8 |
| 10/3/2018 | 5:45:00 PM | 0 | 30.6699 | 16.554 | 2030.6 |
| 10/3/2018 | 6:00:00 PM | 0 | 30.6631 | 16.558 | 2030.1 |
| 10/3/2018 | 6:15:00 PM | 0 | 30.6628 | 16.568 | 2030 |
| 10/3/2018 | 6:30:00 PM | 0 | 30.6582 | 16.56 | 2030.1 |
| 10/3/2018 | 6:45:00 PM | 0 | 30.6571 | 16.564 | 2030.1 |
| 10/3/2018 | 7:00:00 PM | 0 | 30.6564 | 16.561 | 2029.2 |
| 10/3/2018 | 7:15:00 PM | 0 | 30.6509 | 16.565 | 2029 |
| 10/3/2018 | 7:30:00 PM | 0 | 30.6437 | 16.553 | 2031.1 |
| 10/3/2018 | 7:45:00 PM | 0 | 30.647 | 16.563 | 2030.5 |
| 10/3/2018 | 8:00:00 PM | 0 | 30.644 | 16.561 | 2030.7 |
| 10/3/2018 | 8:15:00 PM | 0 | 30.6384 | 16.563 | 2029.1 |

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|-----------|-------------|---|---------|--------|--------|
| 10/3/2018 | 8:30:00 PM | 0 | 30.6442 | 16.567 | 2030.3 |
| 10/3/2018 | 8:45:00 PM | 0 | 30.6391 | 16.565 | 2030.9 |
| 10/3/2018 | 9:00:00 PM | 0 | 30.635 | 16.559 | 2030.5 |
| 10/3/2018 | 9:15:00 PM | 0 | 30.6375 | 16.559 | 2030 |
| 10/3/2018 | 9:30:00 PM | 0 | 30.6363 | 16.561 | 2029.8 |
| 10/3/2018 | 9:45:00 PM | 0 | 30.6373 | 16.563 | 2030.2 |
| 10/3/2018 | 10:00:00 PM | 0 | 30.6365 | 16.56 | 2028.9 |
| 10/3/2018 | 10:15:00 PM | 0 | 30.6339 | 16.556 | 2030.2 |
| 10/3/2018 | 10:30:00 PM | 0 | 30.6305 | 16.559 | 2030.7 |
| 10/3/2018 | 10:45:00 PM | 0 | 30.6334 | 16.564 | 2028.2 |
| 10/3/2018 | 11:00:00 PM | 0 | 30.6299 | 16.565 | 2029 |
| 10/3/2018 | 11:15:00 PM | 0 | 30.6293 | 16.556 | 2030.5 |
| 10/3/2018 | 11:30:00 PM | 0 | 30.6296 | 16.564 | 2029.8 |
| 10/3/2018 | 11:45:00 PM | 0 | 30.6288 | 16.562 | 2030 |

Report Date: 10/8/2018 13:16
 Report User Name: WMassoll
 Report Computer Name: WNST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MPWSP MW-6M(L) LT Test_2018-10-04_08-40-47-733-BaroMerge.ws
 Create Date: 10/8/2018 13:07

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP MW-6M(L)
 Device Name:
 Serial Number: 483472
 Firmware Version: 2.01
 Hardware Version: 4
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 0
 Used Battery: 3

Log Configuration
 Log Name: MPWSP MW-6M(L) LT Test
 Created By: WMassoll
 Computer Name: PROBOOK2
 Application: WinSitu.exe
 Application Version: 5.6.27.1
 Create Date: 3/16/2017 11:30:17 AM Pacific Daylight Time
 Log Setup Time Zone: Pacific DaylightTime
 Notes Size(bytes): 4096
 Overwrite when full: Enabled
 Scheduled Start Time: 3/16/2017 12:00:00 PM Pacific Daylight Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Specific Gravity
 Depth: 1.012

Other Log Settings
 Depth of Probe: 41.5883 (ft)
 Head Pressure: 18.246 (PSI)
 Temperature: 21.9248 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:
 Date and Time Note
 3/16/2017 11:30 Log Download - Used Battery: 3% Used Memory: 3% User Name: WMassoll
 3/16/2017 13:00 Log Download - Used Battery: 3% Used Memory: 3% User Name: WMassoll Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 3/16/2017 1:00:00 PM
 3/23/2017 13:14 Log Download - Used Battery: 3% Used Memory: 3% User Name: AVanHaltsma Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 3/23/2017 2:00:00 PM
 3/30/2017 11:34 Log Download - Used Battery: 3% Used Memory: 4% User Name: AVanHaltsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 12:45:00 PM
 4/6/2017 10:19 Log Download - Used Battery: 4% Used Memory: 4% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 3/31/2017 11:59:00 PM
 4/6/2017 10:27 Log Download - Used Battery: 4% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 4/1/2017 6:00:00 AM
 4/6/2017 11:53 Log Download - Used Battery: 4% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 4/6/2017 12:45:00 PM
 4/13/2017 8:49 Log Download - Used Battery: 4% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:45:00 AM
 4/13/2017 8:51 Log Download - Used Battery: 4% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 8:45:00 AM
 4/13/2017 9:02 Log Download - Used Battery: 4% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:45:00 AM
 4/20/2017 10:45 Log Download - Used Battery: 4% Used Memory: 6% User Name: AVanHaltsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 12:45:00 PM
 4/27/2017 9:50 Log Download - Used Battery: 5% Used Memory: 7% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 10:45:00 AM
 5/4/2017 10:12 Log Download - Used Battery: 5% Used Memory: 7% User Name: AVanHaltsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 12:00:00 PM
 5/11/2017 10:23 Log Download - Used Battery: 5% Used Memory: 9% User Name: AVanHaltsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 12:00:00 PM
 5/18/2017 14:33 Log Download - Used Battery: 6% Used Memory: 9% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 3:30:00 PM
 5/25/2017 10:04 Log Download - Used Battery: 6% Used Memory: 10% User Name: AVanHaltsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:15:00 AM
 6/1/2017 14:58 Log Download - Used Battery: 7% Used Memory: 10% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 3:45:00 PM
 6/8/2017 8:22 Log Download - Used Battery: 7% Used Memory: 12% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 8:15:00 AM
 6/15/2017 13:18 Log Download - Used Battery: 7% Used Memory: 12% User Name: AVanHaltsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 2:00:00 PM
 6/22/2017 7:15 Log Download - Used Battery: 8% Used Memory: 14% User Name: AVanHaltsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 8:15:00 AM
 6/29/2017 7:54 Log Download - Used Battery: 8% Used Memory: 14% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 8:45:00 AM
 7/6/2017 01:01 Log Download - Used Battery: 9% Used Memory: 15% User Name: AVanHaltsma Interval - Start Time: 6/29/2017 10:00:00 PM Stop Time: 7/6/2017 11:45:00 PM
 7/13/2017 10:13 Log Download - Used Battery: 9% Used Memory: 15% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 11:00:00 AM
 7/20/2017 9:19 Log Download - Used Battery: 9% Used Memory: 17% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 9:15:00 AM
 7/27/2017 11:00 Log Download - Used Battery: 10% Used Memory: 17% User Name: AVanHaltsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 12:00:00 PM
 8/3/2017 11:43 Log Download - Used Battery: 10% Used Memory: 18% User Name: AVanHaltsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 12:30:00 PM
 8/10/2017 8:07 Log Download - Used Battery: 10% Used Memory: 18% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 8:00:00 AM
 8/17/2017 10:57 Log Download - Used Battery: 11% Used Memory: 20% User Name: AVanHaltsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 11:30:00 AM
 8/24/2017 13:25 Log Download - Used Battery: 11% Used Memory: 21% User Name: AVanHaltsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 2:15:00 PM
 9/1/2017 10:11 Log Download - Used Battery: 11% Used Memory: 21% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 10:00:00 AM
 9/7/2017 11:26 Log Download - Used Battery: 12% Used Memory: 23% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 11:15:00 AM
 9/14/2017 12:47 Log Download - Used Battery: 12% Used Memory: 23% User Name: AVanHaltsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:45:00 PM
 9/21/2017 12:03 Log Download - Used Battery: 12% Used Memory: 25% User Name: AVanHaltsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:30:00 PM
 9/28/2017 10:01 Log Download - Used Battery: 13% Used Memory: 25% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 10:45:00 AM
 10/5/2017 11:41 Log Download - Used Battery: 13% Used Memory: 26% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 11:30:00 AM
 10/12/2017 11:13 Log Download - Used Battery: 14% Used Memory: 26% User Name: AVanHaltsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 12:00:00 PM
 10/19/2017 11:22 Log Download - Used Battery: 14% Used Memory: 28% User Name: AVanHaltsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 12:15:00 PM
 10/26/2017 10:11 Log Download - Used Battery: 14% Used Memory: 28% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 11:00:00 AM
 11/2/2017 11:33 Log Download - Used Battery: 15% Used Memory: 29% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 12:15:00 PM
 11/9/2017 12:43 Log Download - Used Battery: 15% Used Memory: 29% User Name: AVanHaltsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 2:00:00 PM
 11/16/2017 9:26 Log Download - Used Battery: 15% Used Memory: 31% User Name: WMassoll Interval - Start Time: 11/8/2017 10:00:00 PM Stop Time: 11/16/2017 9:15:00 AM
 11/23/2017 13:11 Log Download - Used Battery: 16% Used Memory: 31% User Name: AVanHaltsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 2:00:00 PM
 12/1/2017 8:16 Log Download - Used Battery: 16% Used Memory: 32% User Name: AVanHaltsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 7:00:00 PM
 12/7/2017 9:28 Log Download - Used Battery: 16% Used Memory: 32% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 9:15:00 AM
 12/14/2017 10:39 Log Download - Used Battery: 17% Used Memory: 34% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 10:30:00 AM
 12/21/2017 7:44 Log Download - Used Battery: 17% Used Memory: 34% User Name: AVanHaltsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 8:30:00 AM
 1/4/2018 11:17 Log Download - Used Battery: 18% Used Memory: 35% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 12:15:00 PM
 1/11/2018 11:01 Log Download - Used Battery: 18% Used Memory: 37% User Name: AVanHaltsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 12:00:00 PM
 1/18/2018 9:09 Log Download - Used Battery: 19% Used Memory: 39% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 9:00:00 AM
 1/26/2018 9:27 Log Download - Used Battery: 19% Used Memory: 39% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 9:15:00 AM
 2/1/2018 15:08 Log Download - Used Battery: 19% Used Memory: 40% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/1/2018 8:00:00 PM
 2/8/2018 9:33 Log Download - Used Battery: 20% Used Memory: 40% User Name: AVanHaltsma Interval - Start Time: 2/1/2018 10:00:00 PM Stop Time: 2/8/2018 10:30:00 AM
 2/15/2018 9:22 Log Download - Used Battery: 20% Used Memory: 42% User Name: AVanHaltsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 10:15:00 AM
 2/22/2018 10:29 Log Download - Used Battery: 21% Used Memory: 42% User Name: WMassoll Interval - Start Time: 2/14/2018 10:00:00 PM Stop Time: 2/22/2018 10:15:00 AM
 2/22/2018 10:30 Log Download - Used Battery: 21% Used Memory: 42% User Name: WMassoll Interval - Start Time: 2/14/2018 10:00:00 PM Stop Time: 2/22/2018 11:15:00 AM
 3/1/2018 13:51 Log Download - Used Battery: 21% Used Memory: 43% User Name: WMassoll Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 3/1/2018 1:45:00 PM
 3/8/2018 11:11 Log Download - Used Battery: 21% Used Memory: 43% User Name: AVanHaltsma Interval - Start Time: 2/23/2018 10:00:00 PM Stop Time: 3/8/2018 12:00:00 PM
 3/22/2018 10:13 Log Download - Used Battery: 22% Used Memory: 45% User Name: AVanHaltsma Interval - Start Time: 3/7/2018 10:00:00 PM Stop Time: 3/22/2018 11:00:00 AM
 4/19/2018 10:13 Log Download - Used Battery: 23% Used Memory: 48% User Name: WMassoll Interval - Start Time: 3/20/2018 10:00:00 PM Stop Time: 4/19/2018 11:00:00 AM
 5/17/2018 11:01 Log Download - Used Battery: 25% Used Memory: 51% User Name: AVanHaltsma Interval - Start Time: 4/18/2018 10:00:00 PM Stop Time: 5/17/2018 11:00:00 AM
 10/8/2018 13:07 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-10-05_15-48-09-951.wsl""

Log Data:
 Record Count: 2730

Sensors:
 2
 1 483472 PCTD 300 PSIA (200.7m/658.7ft)
 2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(A) 658.7ft SNR: 483472 | | Sensor: PCTD(A) 658.7ft SNR: 483472 | | Sensor: PCTD(A) 658.7ft SNR: 483472 | | Sensor: PCTD(A) 658.7ft SNR: 483472 | | Sensor: PCTD(A) 658.7ft SNR: 483472 | | Sensor: PCTD(A) 658.7ft SNR: 483472 | | Sensor: PCTD(A) 658.7ft SNR: 483472 | | Sensor: PCTD(A) 658.7ft SNR: 483472 | | Sensor: Baro-Adj Calc SNR: 000000 | |
|----------------|-------------------------|--|-----------------|--|-----------------------------|--|----------------|--|----------------------|--|---------------------------|--|--|--|--|--|--|--------------------------------------|--|
| | | Pressure (PSI) | Temperature (C) | Corrected Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids (ppt) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) | | | | | | | | |
| 9/6/2018 0:00 | 7200 | 114.418 | 20.397 | 260.794 | 4736.163 | 5192.678 | 2.828 | 211.141 | 1 | 14.747 | | | | | | | | | |
| 9/6/2018 0:15 | 8100 | 114.413 | 20.397 | 260.782 | 4737.292 | 5193.982 | 2.829 | 211.091 | 1 | 14.751 | | | | | | | | | |
| 9/6/2018 0:30 | 9000 | 114.43 | 20.39 | 260.821 | 4736.669 | 5194.042 | 2.829 | 211.119 | 1 | 14.748 | | | | | | | | | |
| 9/6/2018 0:45 | 9900 | 114.423 | 20.388 | 260.805 | 4736.962 | 5194.571 | 2.829 | 211.106 | 1 | 14.753 | | | | | | | | | |
| 9/6/2018 1:00 | 10800 | 114.429 | 20.387 | 260.819 | 4732.463 | 5189.705 | 2.826 | 211.306 | 1 | 14.749 | | | | | | | | | |
| 9/6/2018 1:15 | 11700 | 114.425 | 20.401 | 260.809 | 4737.349 | 5193.59 | 2.828 | 211.089 | 1 | 14.753 | | | | | | | | | |
| 9/6/2018 1:30 | 12600 | 114.434 | 20.389 | 260.83 | 4734.058 | 5191.301 | 2.827 | 211.235 | 1 | 14.752 | | | | | | | | | |
| 9/6/2018 1:45 | 13500 | 114.44 | 20.388 | 260.845 | 4736.941 | 5194.482 | 2.829 | 211.107 | 1 | 14.752 | | | | | | | | | |
| 9/6/2018 2:00 | 14400 | 114.446 | 20.394 | 260.857 | 4737.379 | 5194.364 | 2.829 | 211.087 | 1 | 14.748 | | | | | | | | | |
| 9/6/2018 2:15 | 15300 | 114.454 | 20.385 | 260.877 | 4735.715 | 5193.508 | 2.828 | 211.161 | 1 | 14.75 | | | | | | | | | |
| 9/6/2018 2:30 | 16200 | 114.449 | 20.388 | 260.863 | 4736.949 | 5194.386 | 2.829 | 211.106 | 1 | 14.747 | | | | | | | | | |
| 9/6/2018 2:45 | 17100 | 114.451 | 20.396 | 260.87 | 4736.245 | 5192.93 | 2.828 | 211.138 | 1 | 14.745 | | | | | | | | | |
| 9/6/2018 3:00 | 18000 | 114.457 | 20.388 | 260.884 | 4736.172 | 5193.64 | 2.828 | 211.141 | 1 | 14.742 | | | | | | | | | |
| 9/6/2018 3:15 | 18900 | 114.473 | 20.391 | 260.92 | 4734.301 | 5191.312 | 2.827 | 211.224 | 1 | 14.741 | | | | | | | | | |
| 9/6/2018 3:30 | 19800 | 114.48 | 20.39 | 260.935 | 4736.717 | 5194.075 | 2.829 | 211.117 | 1 | 14.741 | | | | | | | | | |
| 9/6/2018 3:45 | 20700 | 114.485 | 20.388 | 260.946 | 4735.27 | 5192.724 | 2.828 | 211.181 | 1 | 14.735 | | | | | | | | | |
| 9/6/2018 4:00 | 21600 | 114.488 | 20.394 | 260.954 | 4735.08 | 5192.293 | 2.828 | 211.243 | 1 | 14.742 | | | | | | | | | |
| 9/6/2018 4:15 | 22500 | 114.495 | 20.379 | 260.97 | 4735.698 | 5194.136 | 2.829 | 211.162 | 1 | 14.74 | | | | | | | | | |
| 9/6/2018 4:30 | 23400 | 114.494 | 20.395 | 260.968 | 4736.351 | 5193.075 | 2.828 | 211.133 | 1 | 14.743 | | | | | | | | | |
| 9/6/2018 4:45 | 24300 | 114.51 | 20.396 | 261.003 | 4734.415 | 5190.913 | 2.827 | 211.219 | 1 | 14.738 | | | | | | | | | |
| 9/6/2018 5:00 | 25200 | 114.519 | 20.377 | 261.025 | 4733.034 | 5191.385 | 2.827 | 211.281 | 1 | 14.736 | | | | | | | | | |
| 9/6/2018 5:15 | 26100 | 114.518 | 20.395 | 261.021 | 4735.362 | 5192.028 | 2.828 | 211.177 | 1 | 14.743 | | | | | | | | | |
| 9/6/2018 5:30 | 27000 | 114.514 | 20.394 | 261.012 | 4735.148 | 5191.045 | 2.827 | 211.169 | 1 | 14.74 | | | | | | | | | |
| 9/6/2018 5:45 | 27900 | 114.513 | 20.396 | 261.049 | 4738.967 | 5195.924 | 2.83 | 211.016 | 1 | 14.753 | | | | | | | | | |
| 9/6/2018 6:00 | 28800 | 114.541 | 20.387 | 261.075 | 4735.358 | 5192.936 | 2.828 | 211.177 | 1 | 14.757 | | | | | | | | | |
| 9/6/2018 6:15 | 29700 | 114.574 | 20.392 | 261.151 | 4736.647 | 5193.798 | 2.829 | 211.12 | 1 | 14.751 | | | | | | | | | |
| 9/6/2018 6:30 | 30600 | 114.583 | 20.402 | 261.171 | 4736.689 | 5192.714 | 2.828 | 211.118 | 1 | 14.753 | | | | | | | | | |
| 9/6/2018 6:45 | 31500 | 114.6 | 20.39 | 261.209 | 4734.067 | 5191.207 | 2.827 | 211.235 | 1 | 14.756 | | | | | | | | | |
| 9/6/2018 7:00 | 32400 | 114.605 | 20.389 | 261.205 | 4735.257 | 5192.527 | 2.828 | 211.258 | 1 | 14.759 | | | | | | | | | |
| 9/6/2018 7:15 | 33300 | 114.641 | 20.376 | 261.302 | 4732.252 | 5190.65 | 2.827 | 211.316 | 1 | 14.764 | | | | | | | | | |
| 9/6/2018 7:30 | 34200 | 114.656 | 20.388 | 261.335 | 4736.833 | 5194.439 | 2.829 | 211.111 | 1 | 14.764 | | | | | | | | | |
| 9/6/2018 7:45 | 35100 | 114.658 | 20.39 | 261.342 | 4735.598 | 5192.801 | 2.828 | 211.167 | 1 | 14.768 | | | | | | | | | |
| 9/6/2018 8:00 | 36000 | 114.683 | 20.384 | 261.398 | 4734.358 | 5192.153 | 2.828 | 211.222 | 1 | 14.764 | | | | | | | | | |
| 9/6/2018 8:15 | 36900 | 114.681 | 20.406 | 261.393 | 4737.379 | 5193.081 | 2.828 | 211.087 | 1 | 14.767 | | | | | | | | | |
| 9/6/2018 8:30 | 37800 | 114.698 | 20.397 | 261.405 | 4735.548 | 5191.045 | 2.827 | 211.169 | 1 | 14.764 | | | | | | | | | |
| 9/6/2018 8:45 | 38700 | 114.688 | 20.399 | 261.409 | 4736.383 | 5192.739 | 2.828 | 211.132 | 1 | 14.766 | | | | | | | | | |
| 9/6/2018 9:00 | 39600 | 114.686 | 20.399 | 261.404 | 4734.889 | 5191.111 | 2.827 | 211.198 | 1 | 14.763 | | | | | | | | | |
| 9/6/2018 9:15 | 40500 | 114.669 | 20.387 | 261.367 | 4733.747 | 5191.123 | 2.827 | 211.249 | 1 | 14.776 | | | | | | | | | |
| 9/6/2018 9:30 | 41400 | 114.633 | 20.382 | 261.283 | 4734.495 | 5192.541 | 2.828 | 211.216 | 1 | 14.769 | | | | | | | | | |
| 9/6/2018 9:45 | 42300 | 114.596 | 20.396 | 261.199 | 4735.251 | 5191.803 | 2.827 | 211.182 | 1 | 14.765 | | | | | | | | | |
| 9/6/2018 10:00 | 43200 | 114.554 | 20.392 | 261.104 | 4735.148 | 5192.088 | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/6/2018 18:30 | 73800 | 114.475 | 20.375 | 260.924 | 4732.629 | 5191.225 | 2.827 | 3.53 | 211.299 | 1 | 14.743 |
| 9/6/2018 18:45 | 74700 | 114.471 | 20.394 | 260.914 | 4734.196 | 5190.835 | 2.827 | 3.53 | 211.229 | 1 | 14.743 |
| 9/6/2018 19:00 | 75600 | 114.483 | 20.389 | 260.942 | 4736.173 | 5193.535 | 2.828 | 3.532 | 211.141 | 1 | 14.739 |
| 9/6/2018 19:15 | 76500 | 114.493 | 20.387 | 260.966 | 4736.12 | 5193.734 | 2.829 | 3.532 | 211.143 | 1 | 14.739 |
| 9/6/2018 19:30 | 77400 | 114.495 | 20.397 | 260.969 | 4735.844 | 5192.394 | 2.828 | 3.531 | 211.156 | 1 | 14.741 |
| 9/6/2018 19:45 | 78300 | 114.526 | 20.374 | 261.041 | 4734.459 | 5193.309 | 2.828 | 3.531 | 211.217 | 1 | 14.734 |
| 9/6/2018 20:00 | 79200 | 114.531 | 20.379 | 261.052 | 4733.003 | 5192.091 | 2.828 | 3.531 | 211.282 | 1 | 14.733 |
| 9/6/2018 20:15 | 80100 | 114.545 | 20.385 | 261.082 | 4735.33 | 5193.048 | 2.828 | 3.531 | 211.179 | 1 | 14.733 |
| 9/6/2018 20:30 | 81000 | 114.54 | 20.383 | 261.072 | 4734.882 | 5192.804 | 2.828 | 3.531 | 211.198 | 1 | 14.743 |
| 9/6/2018 20:45 | 81900 | 114.539 | 20.381 | 261.07 | 4735.231 | 5193.395 | 2.828 | 3.532 | 211.183 | 1 | 14.744 |
| 9/6/2018 21:00 | 82800 | 114.536 | 20.378 | 261.063 | 4734.383 | 5192.806 | 2.828 | 3.531 | 211.221 | 1 | 14.744 |
| 9/6/2018 21:15 | 83700 | 114.524 | 20.389 | 261.035 | 4737.233 | 5194.783 | 2.829 | 3.532 | 211.094 | 1 | 14.746 |
| 9/6/2018 21:30 | 84600 | 114.502 | 20.386 | 260.986 | 4734.778 | 5192.509 | 2.828 | 3.531 | 211.203 | 1 | 14.747 |
| 9/6/2018 21:45 | 85500 | 114.492 | 20.374 | 260.962 | 4735.025 | 5193.958 | 2.829 | 3.532 | 211.192 | 1 | 14.747 |
| 9/6/2018 22:00 | 86400 | 114.491 | 20.396 | 260.96 | 4735.414 | 5191.952 | 2.828 | 3.531 | 211.175 | 1 | 14.753 |
| 9/6/2018 22:15 | 87300 | 114.502 | 20.38 | 260.986 | 4736.135 | 5194.511 | 2.829 | 3.532 | 211.143 | 1 | 14.743 |
| 9/6/2018 22:30 | 88200 | 114.505 | 20.379 | 260.992 | 4736.565 | 5195.039 | 2.829 | 3.533 | 211.123 | 1 | 14.748 |
| 9/6/2018 22:45 | 89100 | 114.5 | 20.38 | 260.982 | 4735.239 | 5193.49 | 2.828 | 3.532 | 211.183 | 1 | 14.75 |
| 9/6/2018 23:00 | 90000 | 114.507 | 20.394 | 260.99 | 4735.336 | 5192.246 | 2.828 | 3.532 | 211.187 | 1 | 14.745 |
| 9/6/2018 23:15 | 90900 | 114.504 | 20.397 | 260.989 | 4735.563 | 5195.365 | 2.829 | 3.533 | 211.034 | 1 | 14.744 |
| 9/6/2018 23:30 | 91800 | 114.497 | 20.388 | 260.973 | 4737.127 | 5194.673 | 2.829 | 3.532 | 211.098 | 1 | 14.749 |
| 9/6/2018 23:45 | 92700 | 114.496 | 20.39 | 260.971 | 4735.172 | 5192.38 | 2.828 | 3.531 | 211.186 | 1 | 14.747 |
| 9/7/2018 0:00 | 93600 | 114.499 | 20.393 | 260.978 | 4736.073 | 5193.037 | 2.828 | 3.531 | 211.145 | 1 | 14.745 |
| 9/7/2018 0:15 | 94500 | 114.505 | 20.393 | 260.992 | 4736.959 | 5193.989 | 2.829 | 3.532 | 211.106 | 1 | 14.75 |
| 9/7/2018 0:30 | 95400 | 114.505 | 20.398 | 261.02 | 4735.382 | 5191.966 | 2.828 | 3.531 | 211.164 | 1 | 14.745 |
| 9/7/2018 0:45 | 96300 | 114.505 | 20.391 | 260.993 | 4736.941 | 5194.167 | 2.829 | 3.532 | 211.107 | 1 | 14.747 |
| 9/7/2018 1:00 | 97200 | 114.509 | 20.38 | 261.002 | 4735.009 | 5193.303 | 2.828 | 3.531 | 211.193 | 1 | 14.749 |
| 9/7/2018 1:15 | 98100 | 114.513 | 20.386 | 261.01 | 4735.514 | 5193.145 | 2.828 | 3.531 | 211.17 | 1 | 14.748 |
| 9/7/2018 1:30 | 99000 | 114.53 | 20.397 | 261.05 | 4736.473 | 5192.999 | 2.828 | 3.531 | 211.128 | 1 | 14.742 |
| 9/7/2018 1:45 | 99900 | 114.54 | 20.387 | 261.072 | 4736.802 | 5194.491 | 2.829 | 3.532 | 211.113 | 1 | 14.744 |
| 9/7/2018 2:00 | 100800 | 114.533 | 20.399 | 261.042 | 4738.7 | 5193.106 | 2.828 | 3.531 | 211.23 | 1 | 14.742 |
| 9/7/2018 2:15 | 101700 | 114.537 | 20.386 | 261.065 | 4738.13 | 5196.052 | 2.83 | 3.533 | 211.054 | 1 | 14.739 |
| 9/7/2018 2:30 | 102600 | 114.534 | 20.373 | 261.058 | 4735.308 | 5194.317 | 2.829 | 3.532 | 211.18 | 1 | 14.744 |
| 9/7/2018 2:45 | 103500 | 114.534 | 20.385 | 261.059 | 4734.648 | 5192.366 | 2.828 | 3.531 | 211.209 | 1 | 14.736 |
| 9/7/2018 3:00 | 104400 | 114.558 | 20.396 | 261.113 | 4738.264 | 5195.144 | 2.829 | 3.533 | 211.048 | 1 | 14.742 |
| 9/7/2018 3:15 | 105300 | 114.546 | 20.388 | 261.086 | 4736.466 | 5194.055 | 2.829 | 3.532 | 211.128 | 1 | 14.741 |
| 9/7/2018 3:30 | 106200 | 114.571 | 20.387 | 261.142 | 4737.311 | 5195.049 | 2.829 | 3.533 | 211.09 | 1 | 14.74 |
| 9/7/2018 3:45 | 107100 | 114.568 | 20.39 | 261.156 | 4737.841 | 5195.307 | 2.829 | 3.533 | 211.067 | 1 | 14.74 |
| 9/7/2018 4:00 | 108000 | 114.561 | 20.396 | 261.12 | 4734.786 | 5191.255 | 2.827 | 3.53 | 211.203 | 1 | 14.748 |
| 9/7/2018 4:15 | 108900 | 114.569 | 20.391 | 261.139 | 4735.914 | 5193.109 | 2.828 | 3.531 | 211.152 | 1 | 14.74 |
| 9/7/2018 4:30 | 109800 | 114.57 | 20.385 | 261.14 | 4736.299 | 5194.177 | 2.829 | 3.532 | 211.135 | 1 | 14.748 |
| 9/7/2018 4:45 | 110700 | 114.583 | 20.392 | 261.171 | 4735.129 | 5192.086 | 2.828 | 3.531 | 211.187 | 1 | 14.742 |
| 9/7/2018 5:00 | 111600 | 114.6 | 20.394 | 261.209 | 4738.939 | 5196.017 | 2.83 | 3.533 | 211.018 | 1 | 14.74 |
| 9/7/2018 5:15 | 112500 | 114.605 | 20.378 | 261.221 | 4733.44 | 5191.792 | 2.827 | 3.53 | 211.263 | 1 | 14.743 |
| 9/7/2018 5:30 | 113400 | 114.593 | 20.39 | 261.192 | 4736.055 | 5193.368 | 2.828 | 3.531 | 211.146 | 1 | 14.743 |
| 9/7/2018 5:45 | 114300 | 114.624 | 20.4 | 261.264 | 4737.875 | 5194.261 | 2.829 | 3.532 | 211.065 | 1 | 14.736 |
| 9/7/2018 6:00 | 115200 | 114.64 | 20.398 | 261.301 | 4737.599 | 5194.12 | 2.829 | 3.532 | 211.077 | 1 | 14.735 |
| 9/7/2018 6:15 | 116100 | 114.656 | 20.399 | 261.336 | 4735.914 | 5192.244 | 2.828 | 3.531 | 211.152 | 1 | 14.739 |
| 9/7/2018 6:30 | 117000 | 114.691 | 20.384 | 261.416 | 4734.903 | 5192.674 | 2.828 | 3.531 | 211.198 | 1 | 14.741 |
| 9/7/2018 6:45 | 117900 | 114.698 | 20.383 | 261.432 | 4734.018 | 5191.875 | 2.827 | 3.53 | 211.237 | 1 | 14.748 |
| 9/7/2018 7:00 | 118800 | 114.722 | 20.377 | 261.487 | 4735.276 | 5193.911 | 2.829 | 3.532 | 211.181 | 1 | 14.748 |
| 9/7/2018 7:15 | 119700 | 114.75 | 20.379 | 261.551 | 4732.984 | 5191.187 | 2.827 | 3.53 | 211.283 | 1 | 14.747 |
| 9/7/2018 7:30 | 120600 | 114.758 | 20.382 | 261.569 | 4734.244 | 5192.17 | 2.828 | 3.531 | 211.227 | 1 | 14.739 |
| 9/7/2018 7:45 | 121500 | 114.766 | 20.379 | 261.587 | 4734.434 | 5192.768 | 2.828 | 3.531 | 211.218 | 1 | 14.747 |
| 9/7/2018 8:00 | 122400 | 114.776 | 20.4 | 261.611 | 4736.394 | 5192.599 | 2.828 | 3.531 | 211.131 | 1 | 14.748 |
| 9/7/2018 8:15 | 123300 | 114.786 | 20.402 | 261.633 | 4738.396 | 5194.554 | 2.829 | 3.532 | 211.042 | 1 | 14.75 |
| 9/7/2018 8:30 | 124200 | 114.784 | 20.386 | 261.629 | 4734.836 | 5192.383 | 2.828 | 3.531 | 211.201 | 1 | 14.748 |
| 9/7/2018 8:45 | 125100 | 114.773 | 20.381 | 261.604 | 4735.475 | 5193.634 | 2.828 | 3.532 | 211.172 | 1 | 14.751 |
| 9/7/2018 9:00 | 126000 | 114.777 | 20.391 | 261.612 | 4734.327 | 5191.339 | 2.827 | 3.53 | 211.223 | 1 | 14.744 |
| 9/7/2018 9:15 | 126900 | 114.779 | 20.375 | 261.616 | 4733.894 | 5192.594 | 2.828 | 3.531 | 211.243 | 1 | 14.751 |
| 9/7/2018 9:30 | 127800 | 114.764 | 20.383 | 261.582 | 4733.631 | 5191.489 | 2.827 | 3.53 | 211.254 | 1 | 14.751 |
| 9/7/2018 9:45 | 128700 | 114.763 | 20.387 | 261.58 | 4735.288 | 5192.686 | 2.828 | 3.532 | 211.184 | 1 | 14.755 |
| 9/7/2018 10:00 | 129600 | 114.756 | 20.374 | 261.565 | 4732.257 | 5190.885 | 2.827 | 3.53 | 211.316 | 1 | 14.749 |
| 9/7/2018 10:15 | 130500 | 114.738 | 20.375 | 261.523 | 4735.023 | 5193.786 | 2.829 | 3.532 | 211.192 | 1 | 14.752 |
| 9/7/2018 10:30 | 131400 | 114.732 | 20.375 | 261.51 | 4731.934 | 5190.425 | 2.827 | 3.529 | 211.33 | 1 | 14.751 |
| 9/7/2018 10:45 | 132300 | 114.707 | 20.379 | 261.453 | 4733.89 | 5192.104 | 2.828 | 3.531 | 211.243 | 1 | 14.757 |
| 9/7/2018 11:00 | 133200 | 114.702 | 20.377 | 261.442 | 4735.86 | 5194.522 | 2.829 | 3.532 | 211.155 | 1 | 14.752 |
| 9/7/2018 11:15 | 134100 | 114.692 | 20.377 | 261.42 | 4732.094 | 5193.283 | 2.827 | 3.529 | 211.262 | 1 | 14.752 |
| 9/7/2018 11:30 | 135000 | 114.69 | 20.386 | 261.413 | 4733.239 | 5190.65 | 2.827 | 3.53 | 211.272 | 1 | 14.751 |
| 9/7/2018 11:45 | 135900 | 114.695 | 20.384 | 261.426 | 4732.721 | 5190.366 | 2.827 | 3.529 | 211.295 | 1 | 14.747 |
| 9/7/2018 12:00 | 136800 | 114.681 | 20.393 | 261.393 | 4736.795 | 5193.818 | 2.829 | 3.532 | 211.113 | 1 | 14.754 |
| 9/7/2018 12:15 | 137700 | 114.675 | 20.385 | 261.38 | 4732.668 | 5190.177 | 2.826 | 3.529 | 211.297 | 1 | 14.749 |
| 9/7/2018 12:30 | 138600 | 114.673 | 20.369 | 261.376 | 4733.657 | 5192.98 | 2.828 | 3.531 | 211.253 | 1 | 14.747 |
| 9/7/2018 12:45 | 139500 | 114.671 | 20.372 | 261.367 | 4731.87 | 5190.669 | 2.827 | 3.53 | 211.33 | 1 | 14.744 |
| 9/7/2018 13:00 | 140400 | 114.648 | 20.379 | 261.319 | 4733.589 | 5191.842 | 2.829 | 3.53 | 211.256 | 1 | 14.743 |
| 9/7/2018 13:15 | 141300 | 114.644 | 20.386 | 261.309 | 4736.359 | 5194.148 | 2.829 | 3.532 | 211.133 | 1 | 14.743 |
| 9/7/2018 13:30 | 142200 | 114.627 | 20.373 | 261.27 | 4732.858 | 5191.676 | 2.827 | 3.53 | 211.289 | 1 | 14.749 |
| 9/7/2018 13:45 | 143100 | 114.62 | 20.388 | 261.254 | 4734.84 | 5192.188 | 2.828 | 3.531 | 211.2 | 1 | 14.744 |
| 9/7/2018 14:00 | 144000 | 114.595 | 20.378 | 261.197 | 4732.615 | 5190.858 | 2.827 | 3.53 | 211.3 | 1 | 14.742 |
| 9/7/2018 14:15 | 144900 | 114.593 | 20.385 | 261.193 | 4734.472 | 5192.125 | 2.828 | 3.531 | 211.217 | 1 | 14.74 |
| 9/7/2018 14:30 | 145800 | 114.571 | 20.366 | 261.146 | 4731.416 | 5190.874 | 2.827 | 3.53 | 211.353 | 1 | 14.742 |
| 9/7/2018 14:45 | 146700 | 114.563 | 20.379 | 261.124 | 4733.189 | 5191.345 | 2.827 | 3.53 | 211.274 | 1 | 14.737 |
| 9/7/2018 15:00 | 147600 | 114.543 | 20.393 | 261.08 | 4736.693 | 5193.745 | 2.829 | 3.532 | 211.118 | 1 | 14.741 |
| 9/7/2018 15:15 | 148500 | 114.536 | 20.384 | 261.062 | 4735.262 | 5193.106 | 2.828 | 3.531 | 211.182 | 1 | 14.741 |
| 9/7/2018 15:30 | 149400 | 114.535 | 20.368 | 261.061 | 4731.076 | 5190.301 | 2.826 | 3.529 | 211.368 | 1 | 14.737 |
| 9/7/2018 15:45 | 150300 | 114.501 | 20.391 | 260.983 | 4736.112 | 5193.269 | 2.828 | 3.532 | 211.144 | 1 | 14.74 |
| 9/7/2018 16:00 | 151200 | 1 | | | | | | | | | |

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|----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/8/2018 23:15 | 263700 | 114.283 | 20.388 | 260.486 | 4736.753 | 5194.285 | 2.829 | 3.532 | 211.115 | 1 | 14.688 |
| 9/8/2018 23:30 | 264600 | 114.272 | 20.388 | 260.461 | 4739.001 | 5196.75 | 2.83 | 3.534 | 211.015 | 1 | 14.69 |
| 9/8/2018 23:45 | 265500 | 114.261 | 20.407 | 260.437 | 4740.454 | 5196.337 | 2.83 | 3.534 | 210.95 | 1 | 14.693 |
| 9/9/2018 0:00 | 266400 | 114.267 | 20.4 | 260.451 | 4738.81 | 5195.22 | 2.829 | 3.533 | 211.023 | 1 | 14.69 |
| 9/9/2018 0:15 | 267300 | 114.283 | 20.388 | 260.486 | 4739.15 | 5196.989 | 2.83 | 3.534 | 211.008 | 1 | 14.69 |
| 9/9/2018 0:30 | 268200 | 114.288 | 20.392 | 260.498 | 4738.764 | 5196.091 | 2.83 | 3.533 | 211.026 | 1 | 14.688 |
| 9/9/2018 0:45 | 269100 | 114.285 | 20.401 | 260.491 | 4739.73 | 5196.257 | 2.83 | 3.533 | 210.973 | 1 | 14.692 |
| 9/9/2018 1:00 | 270000 | 114.288 | 20.406 | 260.497 | 4740.188 | 5196.178 | 2.83 | 3.533 | 210.962 | 1 | 14.686 |
| 9/9/2018 1:15 | 270900 | 114.293 | 20.408 | 260.508 | 4738.429 | 5193.995 | 2.829 | 3.532 | 211.04 | 1 | 14.682 |
| 9/9/2018 1:30 | 271800 | 114.312 | 20.396 | 260.551 | 4739.988 | 5197.024 | 2.83 | 3.534 | 210.971 | 1 | 14.68 |
| 9/9/2018 1:45 | 272700 | 114.315 | 20.383 | 260.558 | 4737.385 | 5195.586 | 2.83 | 3.533 | 211.087 | 1 | 14.686 |
| 9/9/2018 2:00 | 273600 | 114.324 | 20.391 | 260.581 | 4740.409 | 5198.009 | 2.831 | 3.535 | 210.952 | 1 | 14.682 |
| 9/9/2018 2:15 | 274500 | 114.329 | 20.38 | 260.591 | 4738.71 | 5197.392 | 2.831 | 3.534 | 211.025 | 1 | 14.687 |
| 9/9/2018 2:30 | 275400 | 114.36 | 20.393 | 260.622 | 4738.978 | 5196.163 | 2.83 | 3.533 | 211.016 | 1 | 14.682 |
| 9/9/2018 2:45 | 276300 | 114.366 | 20.403 | 260.676 | 4740.688 | 5196.994 | 2.83 | 3.534 | 210.94 | 1 | 14.682 |
| 9/9/2018 3:00 | 277200 | 114.375 | 20.395 | 260.696 | 4739.11 | 5196.118 | 2.83 | 3.533 | 211.01 | 1 | 14.682 |
| 9/9/2018 3:15 | 278100 | 114.378 | 20.397 | 260.703 | 4740.777 | 5197.718 | 2.831 | 3.534 | 210.936 | 1 | 14.681 |
| 9/9/2018 3:30 | 279000 | 114.395 | 20.398 | 260.741 | 4739.261 | 5196.018 | 2.83 | 3.533 | 211.003 | 1 | 14.683 |
| 9/9/2018 3:45 | 279900 | 114.409 | 20.39 | 260.774 | 4739.034 | 5196.824 | 2.83 | 3.534 | 211.013 | 1 | 14.678 |
| 9/9/2018 4:00 | 280800 | 114.428 | 20.405 | 260.817 | 4740.485 | 5196.6 | 2.83 | 3.534 | 210.949 | 1 | 14.682 |
| 9/9/2018 4:15 | 281700 | 114.436 | 20.379 | 260.836 | 4735.675 | 5194.12 | 2.829 | 3.532 | 211.163 | 1 | 14.678 |
| 9/9/2018 4:30 | 282600 | 114.428 | 20.384 | 260.816 | 4739.224 | 5197.48 | 2.831 | 3.534 | 211.005 | 1 | 14.687 |
| 9/9/2018 4:45 | 283500 | 114.446 | 20.387 | 260.858 | 4738.693 | 5196.546 | 2.83 | 3.534 | 211.029 | 1 | 14.682 |
| 9/9/2018 5:00 | 284400 | 114.468 | 20.391 | 260.909 | 4739.11 | 5196.594 | 2.83 | 3.534 | 211.01 | 1 | 14.677 |
| 9/9/2018 5:15 | 285300 | 114.478 | 20.412 | 260.93 | 4741.308 | 5198.646 | 2.83 | 3.534 | 211.012 | 1 | 14.681 |
| 9/9/2018 5:30 | 286200 | 114.522 | 20.401 | 261.031 | 4741.093 | 5197.686 | 2.831 | 3.534 | 210.922 | 1 | 14.678 |
| 9/9/2018 5:45 | 287100 | 114.542 | 20.389 | 261.077 | 4739.513 | 5197.245 | 2.831 | 3.534 | 210.992 | 1 | 14.68 |
| 9/9/2018 6:00 | 288000 | 114.565 | 20.394 | 261.128 | 4739.768 | 5196.925 | 2.83 | 3.534 | 210.981 | 1 | 14.688 |
| 9/9/2018 6:15 | 288900 | 114.585 | 20.394 | 261.175 | 4736.624 | 5193.469 | 2.828 | 3.532 | 211.121 | 1 | 14.682 |
| 9/9/2018 6:30 | 289800 | 114.605 | 20.409 | 261.22 | 4741.801 | 5197.576 | 2.831 | 3.534 | 210.89 | 1 | 14.688 |
| 9/9/2018 6:45 | 290700 | 114.647 | 20.404 | 261.291 | 4740.962 | 5197.17 | 2.831 | 3.534 | 210.928 | 1 | 14.682 |
| 9/9/2018 7:00 | 291600 | 114.664 | 20.379 | 261.355 | 4736.636 | 5195.202 | 2.829 | 3.533 | 211.12 | 1 | 14.689 |
| 9/9/2018 7:15 | 292500 | 114.685 | 20.385 | 261.403 | 4739.471 | 5197.637 | 2.831 | 3.534 | 210.994 | 1 | 14.681 |
| 9/9/2018 7:30 | 293400 | 114.691 | 20.399 | 261.416 | 4740.706 | 5197.42 | 2.831 | 3.534 | 210.939 | 1 | 14.689 |
| 9/9/2018 7:45 | 294300 | 114.701 | 20.398 | 261.438 | 4737.729 | 5194.33 | 2.829 | 3.532 | 211.072 | 1 | 14.694 |
| 9/9/2018 8:00 | 295200 | 114.726 | 20.405 | 261.496 | 4740.258 | 5196.332 | 2.83 | 3.534 | 210.959 | 1 | 14.692 |
| 9/9/2018 8:15 | 296100 | 114.744 | 20.412 | 261.528 | 4737.926 | 5195.762 | 2.83 | 3.533 | 211.063 | 1 | 14.693 |
| 9/9/2018 8:30 | 297000 | 114.75 | 20.4 | 261.55 | 4742.57 | 5199.426 | 2.832 | 3.536 | 210.856 | 1 | 14.695 |
| 9/9/2018 8:45 | 297900 | 114.768 | 20.4 | 261.592 | 4738.117 | 5194.507 | 2.829 | 3.532 | 211.054 | 1 | 14.695 |
| 9/9/2018 9:00 | 298800 | 114.778 | 20.395 | 261.615 | 4741.634 | 5198.876 | 2.832 | 3.535 | 210.898 | 1 | 14.696 |
| 9/9/2018 9:15 | 299700 | 114.789 | 20.395 | 261.639 | 4739.118 | 5196.136 | 2.83 | 3.533 | 211.01 | 1 | 14.696 |
| 9/9/2018 9:30 | 300600 | 114.796 | 20.383 | 261.657 | 4738.884 | 5197.184 | 2.831 | 3.534 | 211.02 | 1 | 14.698 |
| 9/9/2018 9:45 | 301500 | 114.823 | 20.397 | 261.717 | 4740.241 | 5197.178 | 2.831 | 3.534 | 210.96 | 1 | 14.692 |
| 9/9/2018 10:00 | 302400 | 114.822 | 20.406 | 261.715 | 4738.785 | 5195.441 | 2.83 | 3.533 | 211.034 | 1 | 14.693 |
| 9/9/2018 10:15 | 303300 | 114.832 | 20.4 | 261.737 | 4739.042 | 5195.568 | 2.83 | 3.533 | 211.013 | 1 | 14.698 |
| 9/9/2018 10:30 | 304200 | 114.84 | 20.398 | 261.757 | 4740.303 | 5197.122 | 2.831 | 3.534 | 210.957 | 1 | 14.692 |
| 9/9/2018 10:45 | 305100 | 114.855 | 20.39 | 261.79 | 4738.19 | 5195.69 | 2.83 | 3.533 | 211.051 | 1 | 14.693 |
| 9/9/2018 11:00 | 306000 | 114.846 | 20.392 | 261.768 | 4740.099 | 5197.592 | 2.831 | 3.534 | 210.966 | 1 | 14.693 |
| 9/9/2018 11:15 | 306900 | 114.847 | 20.384 | 261.772 | 4738.135 | 5196.286 | 2.83 | 3.533 | 211.054 | 1 | 14.689 |
| 9/9/2018 11:30 | 307800 | 114.834 | 20.407 | 261.792 | 4740.986 | 5196.931 | 2.83 | 3.534 | 210.927 | 1 | 14.692 |
| 9/9/2018 11:45 | 308700 | 114.856 | 20.391 | 261.792 | 4740.666 | 5198.262 | 2.831 | 3.535 | 210.941 | 1 | 14.687 |
| 9/9/2018 12:00 | 309600 | 114.833 | 20.401 | 261.74 | 4739.821 | 5196.281 | 2.83 | 3.533 | 210.978 | 1 | 14.692 |
| 9/9/2018 12:15 | 310500 | 114.836 | 20.399 | 261.748 | 4742.588 | 5199.484 | 2.832 | 3.536 | 210.855 | 1 | 14.689 |
| 9/9/2018 12:30 | 311400 | 114.857 | 20.397 | 261.794 | 4740.786 | 5197.756 | 2.831 | 3.534 | 210.936 | 1 | 14.689 |
| 9/9/2018 12:45 | 312300 | 114.845 | 20.392 | 261.767 | 4740.14 | 5197.619 | 2.831 | 3.534 | 210.964 | 1 | 14.687 |
| 9/9/2018 13:00 | 313200 | 114.86 | 20.39 | 261.8 | 4738.132 | 5195.664 | 2.83 | 3.533 | 211.054 | 1 | 14.694 |
| 9/9/2018 13:15 | 314100 | 114.856 | 20.39 | 261.792 | 4740.792 | 5198.486 | 2.831 | 3.535 | 210.935 | 1 | 14.69 |
| 9/9/2018 13:30 | 315000 | 114.844 | 20.409 | 261.766 | 4742.852 | 5198.756 | 2.831 | 3.535 | 210.844 | 1 | 14.692 |
| 9/9/2018 13:45 | 315900 | 114.863 | 20.394 | 261.809 | 4740.944 | 5198.292 | 2.831 | 3.535 | 210.928 | 1 | 14.688 |
| 9/9/2018 14:00 | 316800 | 114.864 | 20.401 | 261.809 | 4741.584 | 5198.252 | 2.831 | 3.535 | 210.9 | 1 | 14.691 |
| 9/9/2018 14:15 | 317700 | 114.867 | 20.418 | 261.817 | 4743.535 | 5198.451 | 2.831 | 3.535 | 210.813 | 1 | 14.685 |
| 9/9/2018 14:30 | 318600 | 114.867 | 20.412 | 261.817 | 4742.562 | 5198.896 | 2.832 | 3.535 | 210.866 | 1 | 14.687 |
| 9/9/2018 14:45 | 319500 | 114.868 | 20.405 | 261.819 | 4740.977 | 5197.053 | 2.83 | 3.534 | 210.927 | 1 | 14.689 |
| 9/9/2018 15:00 | 320400 | 114.87 | 20.412 | 261.825 | 4740.639 | 5195.931 | 2.83 | 3.533 | 210.942 | 1 | 14.681 |
| 9/9/2018 15:15 | 321300 | 114.876 | 20.408 | 261.837 | 4743.768 | 5199.855 | 2.832 | 3.536 | 210.803 | 1 | 14.679 |
| 9/9/2018 15:30 | 322200 | 114.883 | 20.402 | 261.855 | 4741.545 | 5198.008 | 2.831 | 3.535 | 210.902 | 1 | 14.675 |
| 9/9/2018 15:45 | 323100 | 114.889 | 20.408 | 261.868 | 4742.957 | 5198.996 | 2.832 | 3.535 | 210.839 | 1 | 14.674 |
| 9/9/2018 16:00 | 324000 | 114.885 | 20.408 | 261.859 | 4742.53 | 5198.508 | 2.831 | 3.535 | 210.879 | 1 | 14.679 |
| 9/9/2018 16:15 | 324900 | 114.901 | 20.403 | 261.896 | 4742.11 | 5198.543 | 2.831 | 3.535 | 210.877 | 1 | 14.683 |
| 9/9/2018 16:30 | 325800 | 114.906 | 20.407 | 261.906 | 4742.415 | 5198.438 | 2.831 | 3.535 | 210.863 | 1 | 14.678 |
| 9/9/2018 16:45 | 326700 | 114.914 | 20.397 | 261.924 | 4742.478 | 5199.563 | 2.832 | 3.536 | 210.86 | 1 | 14.676 |
| 9/9/2018 17:00 | 327600 | 114.933 | 20.397 | 261.968 | 4742.321 | 5199.411 | 2.832 | 3.536 | 210.867 | 1 | 14.673 |
| 9/9/2018 17:15 | 328500 | 114.941 | 20.389 | 261.986 | 4740.122 | 5197.855 | 2.831 | 3.535 | 210.965 | 1 | 14.673 |
| 9/9/2018 17:30 | 329400 | 114.946 | 20.39 | 261.998 | 4742.652 | 5199.17 | 2.832 | 3.536 | 210.852 | 1 | 14.671 |
| 9/9/2018 17:45 | 330300 | 114.948 | 20.404 | 262.003 | 4743.107 | 5199.579 | 2.832 | 3.536 | 210.832 | 1 | 14.671 |
| 9/9/2018 18:00 | 331200 | 114.952 | 20.395 | 262.011 | 4741.754 | 5198.99 | 2.832 | 3.535 | 210.892 | 1 | 14.672 |
| 9/9/2018 18:15 | 332100 | 114.976 | 20.402 | 262.066 | 4740.905 | 5197.345 | 2.831 | 3.534 | 210.93 | 1 | 14.669 |
| 9/9/2018 18:30 | 333000 | 114.986 | 20.395 | 262.088 | 4742.864 | 5200.244 | 2.832 | 3.536 | 210.843 | 1 | 14.662 |
| 9/9/2018 18:45 | 333900 | 115.007 | 20.411 | 262.137 | 4743.838 | 5199.57 | 2.832 | 3.536 | 210.8 | 1 | 14.665 |
| 9/9/2018 19:00 | 334800 | 114.986 | 20.4 | 262.088 | 4742.503 | 5199.34 | 2.832 | 3.536 | 210.859 | 1 | 14.667 |
| 9/9/2018 19:15 | 335700 | 114.991 | 20.395 | 262.099 | 4742.771 | 5200.179 | 2.832 | 3.536 | 210.862 | 1 | 14.666 |
| 9/9/2018 19:30 | 336600 | 114.973 | 20.391 | 262.059 | 4741.542 | 5199.289 | 2.832 | 3.536 | 210.902 | 1 | 14.665 |
| 9/9/2018 19:45 | 337500 | 114.965 | 20.407 | 262.042 | 4742.653 | 5198.72 | 2.831 | 3.535 | 210.852 | 1 | 14.665 |
| 9/9/2018 20:00 | 338400 | 114.959 | 20.393 | 262.026 | 4739.706 | 5197.048 | 2.83 | 3.534 | 210.984 | 1 | 14.668 |
| 9/9/2018 20:15 | 339300 | 114.967 | 20.398 | 262.046 | 4743.083 | 5200.161 | 2.832 | 3.536 | 210.833 | 1 | 14.669 |
| 9/9/2018 20:30 | 340200 | 114.969 | 20.406 | 262.049 | 4741.664 | 5197.778 | 2.832 | 3.534 | 210.896 | 1 | 14.67 |
| 9/9/2018 20:45 | 3 | | | | | | | | | | |

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|-----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/11/2018 4:00 | 453600 | 115.081 | 20.397 | 262.305 | 4745.201 | 5202.644 | 2.834 | 3.538 | 210.739 | 1 | 14.678 |
| 9/11/2018 4:15 | 454500 | 115.09 | 20.399 | 262.326 | 4743.431 | 5200.466 | 2.832 | 3.536 | 210.818 | 1 | 14.67 |
| 9/11/2018 4:30 | 455400 | 115.114 | 20.397 | 262.381 | 4746.093 | 5203.565 | 2.834 | 3.538 | 210.7 | 1 | 14.669 |
| 9/11/2018 4:45 | 456300 | 115.115 | 20.408 | 262.382 | 4747.484 | 5203.881 | 2.834 | 3.539 | 210.638 | 1 | 14.67 |
| 9/11/2018 5:00 | 457200 | 115.117 | 20.408 | 262.387 | 4745.893 | 5202.118 | 2.833 | 3.537 | 210.709 | 1 | 14.675 |
| 9/11/2018 5:15 | 458100 | 115.139 | 20.399 | 262.438 | 4743.517 | 5201.226 | 2.833 | 3.537 | 210.814 | 1 | 14.671 |
| 9/11/2018 5:30 | 459000 | 115.152 | 20.397 | 262.467 | 4742.152 | 5201.434 | 2.833 | 3.537 | 210.874 | 1 | 14.671 |
| 9/11/2018 5:45 | 459900 | 115.152 | 20.392 | 262.467 | 4745.423 | 5203.334 | 2.834 | 3.538 | 210.729 | 1 | 14.673 |
| 9/11/2018 6:00 | 460800 | 115.174 | 20.381 | 262.517 | 4742.517 | 5201.347 | 2.833 | 3.537 | 210.859 | 1 | 14.667 |
| 9/11/2018 6:15 | 461700 | 115.177 | 20.391 | 262.523 | 4745.625 | 5203.672 | 2.834 | 3.538 | 210.72 | 1 | 14.669 |
| 9/11/2018 6:30 | 462600 | 115.181 | 20.393 | 262.532 | 4746.558 | 5204.496 | 2.835 | 3.539 | 210.679 | 1 | 14.676 |
| 9/11/2018 6:45 | 463500 | 115.197 | 20.388 | 262.569 | 4743.725 | 5201.959 | 2.833 | 3.537 | 210.805 | 1 | 14.668 |
| 9/11/2018 7:00 | 464400 | 115.188 | 20.388 | 262.549 | 4743.983 | 5202.289 | 2.833 | 3.538 | 210.793 | 1 | 14.677 |
| 9/11/2018 7:15 | 465300 | 115.202 | 20.377 | 262.582 | 4743.241 | 5201.6 | 2.834 | 3.538 | 210.826 | 1 | 14.668 |
| 9/11/2018 7:30 | 466200 | 115.222 | 20.37 | 262.626 | 4741.405 | 5201.404 | 2.833 | 3.537 | 210.908 | 1 | 14.685 |
| 9/11/2018 7:45 | 467100 | 115.262 | 20.398 | 262.717 | 4744 | 5201.224 | 2.833 | 3.537 | 210.793 | 1 | 14.684 |
| 9/11/2018 8:00 | 468000 | 115.231 | 20.392 | 262.646 | 4744.423 | 5202.258 | 2.833 | 3.538 | 210.774 | 1 | 14.683 |
| 9/11/2018 8:15 | 468900 | 115.237 | 20.4 | 262.661 | 4743.113 | 5199.994 | 2.832 | 3.536 | 210.832 | 1 | 14.687 |
| 9/11/2018 8:30 | 469800 | 115.254 | 20.396 | 262.654 | 4744.465 | 5201.851 | 2.833 | 3.537 | 210.772 | 1 | 14.692 |
| 9/11/2018 8:45 | 470700 | 115.241 | 20.388 | 262.669 | 4742.136 | 5200.226 | 2.832 | 3.536 | 210.875 | 1 | 14.695 |
| 9/11/2018 9:00 | 471600 | 115.242 | 20.405 | 262.672 | 4745.729 | 5202.348 | 2.834 | 3.538 | 210.716 | 1 | 14.694 |
| 9/11/2018 9:15 | 472500 | 115.239 | 20.392 | 262.665 | 4744.581 | 5202.431 | 2.834 | 3.538 | 210.767 | 1 | 14.694 |
| 9/11/2018 9:30 | 473400 | 115.22 | 20.388 | 262.621 | 4745.583 | 5203.978 | 2.834 | 3.539 | 210.722 | 1 | 14.694 |
| 9/11/2018 9:45 | 474300 | 115.218 | 20.39 | 262.617 | 4743.448 | 5201.476 | 2.833 | 3.537 | 210.817 | 1 | 14.693 |
| 9/11/2018 10:00 | 475200 | 115.203 | 20.377 | 262.583 | 4742.76 | 5201.589 | 2.833 | 3.537 | 210.869 | 1 | 14.695 |
| 9/11/2018 10:15 | 476100 | 115.196 | 20.381 | 262.566 | 4744.993 | 5204.158 | 2.835 | 3.539 | 210.748 | 1 | 14.693 |
| 9/11/2018 10:30 | 477000 | 115.186 | 20.384 | 262.545 | 4741.896 | 5200.391 | 2.832 | 3.536 | 210.886 | 1 | 14.691 |
| 9/11/2018 10:45 | 477900 | 115.175 | 20.393 | 262.519 | 4743.05 | 5200.724 | 2.833 | 3.536 | 210.835 | 1 | 14.695 |
| 9/11/2018 11:00 | 478800 | 115.165 | 20.397 | 262.496 | 4744.091 | 5201.371 | 2.833 | 3.537 | 210.789 | 1 | 14.689 |
| 9/11/2018 11:15 | 479700 | 115.151 | 20.393 | 262.465 | 4746.225 | 5204.14 | 2.835 | 3.539 | 210.694 | 1 | 14.691 |
| 9/11/2018 11:30 | 480600 | 115.146 | 20.391 | 262.454 | 4743.389 | 5200.289 | 2.832 | 3.536 | 210.864 | 1 | 14.692 |
| 9/11/2018 11:45 | 481500 | 115.143 | 20.39 | 262.446 | 4745.958 | 5204.16 | 2.835 | 3.539 | 210.706 | 1 | 14.688 |
| 9/11/2018 12:00 | 482400 | 115.148 | 20.39 | 262.459 | 4742.543 | 5200.435 | 2.832 | 3.536 | 210.857 | 1 | 14.687 |
| 9/11/2018 12:15 | 483300 | 115.129 | 20.383 | 262.415 | 4742.537 | 5201.226 | 2.833 | 3.537 | 210.858 | 1 | 14.687 |
| 9/11/2018 12:30 | 484200 | 115.133 | 20.38 | 262.423 | 4743.738 | 5202.831 | 2.834 | 3.538 | 210.804 | 1 | 14.687 |
| 9/11/2018 12:45 | 485100 | 115.129 | 20.4 | 262.415 | 4743.999 | 5200.936 | 2.833 | 3.537 | 210.793 | 1 | 14.676 |
| 9/11/2018 13:00 | 486000 | 115.117 | 20.397 | 262.487 | 4743.055 | 5201.473 | 2.833 | 3.537 | 210.877 | 1 | 14.688 |
| 9/11/2018 13:15 | 486900 | 115.112 | 20.379 | 262.473 | 4743.129 | 5202.247 | 2.833 | 3.538 | 210.831 | 1 | 14.682 |
| 9/11/2018 13:30 | 487800 | 115.112 | 20.388 | 262.376 | 4742.22 | 5200.328 | 2.832 | 3.536 | 210.872 | 1 | 14.679 |
| 9/11/2018 13:45 | 488700 | 115.106 | 20.376 | 262.361 | 4742.368 | 5201.727 | 2.833 | 3.537 | 210.865 | 1 | 14.68 |
| 9/11/2018 14:00 | 489600 | 115.093 | 20.391 | 262.332 | 4742.624 | 5200.476 | 2.832 | 3.536 | 210.854 | 1 | 14.687 |
| 9/11/2018 14:15 | 490500 | 115.099 | 20.377 | 262.347 | 4742.887 | 5202.202 | 2.833 | 3.537 | 210.842 | 1 | 14.679 |
| 9/11/2018 14:30 | 491400 | 115.097 | 20.39 | 262.341 | 4743.969 | 5202.055 | 2.833 | 3.537 | 210.794 | 1 | 14.678 |
| 9/11/2018 14:45 | 492300 | 115.098 | 20.373 | 262.345 | 4741.606 | 5201.226 | 2.833 | 3.537 | 210.899 | 1 | 14.68 |
| 9/11/2018 15:00 | 493200 | 115.086 | 20.402 | 262.315 | 4744.381 | 5201.108 | 2.833 | 3.537 | 210.776 | 1 | 14.676 |
| 9/11/2018 15:15 | 494100 | 115.094 | 20.381 | 262.335 | 4744.059 | 5203.077 | 2.834 | 3.538 | 210.79 | 1 | 14.667 |
| 9/11/2018 15:30 | 495000 | 115.092 | 20.382 | 262.331 | 4742.98 | 5201.781 | 2.833 | 3.537 | 210.838 | 1 | 14.666 |
| 9/11/2018 15:45 | 495900 | 115.093 | 20.384 | 262.333 | 4741.721 | 5200.19 | 2.832 | 3.536 | 210.894 | 1 | 14.665 |
| 9/11/2018 16:00 | 496800 | 115.081 | 20.388 | 262.306 | 4743.506 | 5201.681 | 2.833 | 3.537 | 210.815 | 1 | 14.665 |
| 9/11/2018 16:15 | 497700 | 115.078 | 20.391 | 262.298 | 4746.571 | 5204.794 | 2.835 | 3.539 | 210.678 | 1 | 14.668 |
| 9/11/2018 16:30 | 498600 | 115.075 | 20.379 | 262.292 | 4741.454 | 5200.487 | 2.832 | 3.536 | 210.906 | 1 | 14.669 |
| 9/11/2018 16:45 | 499500 | 115.052 | 20.395 | 262.239 | 4744.831 | 5202.4 | 2.834 | 3.538 | 210.756 | 1 | 14.67 |
| 9/11/2018 17:00 | 500400 | 115.071 | 20.381 | 262.283 | 4742.289 | 5201.184 | 2.833 | 3.537 | 210.869 | 1 | 14.666 |
| 9/11/2018 17:15 | 501300 | 115.067 | 20.381 | 262.274 | 4742.236 | 5201.078 | 2.833 | 3.537 | 210.871 | 1 | 14.661 |
| 9/11/2018 17:30 | 502200 | 115.061 | 20.37 | 262.26 | 4742.86 | 5202.924 | 2.834 | 3.538 | 210.843 | 1 | 14.664 |
| 9/11/2018 17:45 | 503100 | 115.058 | 20.368 | 262.252 | 4744.433 | 5204.906 | 2.835 | 3.539 | 210.778 | 1 | 14.656 |
| 9/11/2018 18:00 | 504000 | 115.04 | 20.395 | 262.211 | 4743.06 | 5200.516 | 2.832 | 3.536 | 210.834 | 1 | 14.661 |
| 9/11/2018 18:15 | 504900 | 115.044 | 20.383 | 262.221 | 4742.65 | 5201.304 | 2.833 | 3.537 | 210.853 | 1 | 14.663 |
| 9/11/2018 18:30 | 505800 | 115.046 | 20.378 | 262.225 | 4744.061 | 5203.384 | 2.834 | 3.538 | 210.79 | 1 | 14.657 |
| 9/11/2018 18:45 | 506700 | 115.036 | 20.392 | 262.204 | 4743.545 | 5201.353 | 2.833 | 3.537 | 210.813 | 1 | 14.656 |
| 9/11/2018 19:00 | 507600 | 115.051 | 20.395 | 262.237 | 4746.755 | 5204.51 | 2.835 | 3.539 | 210.67 | 1 | 14.655 |
| 9/11/2018 19:15 | 508500 | 115.031 | 20.392 | 262.225 | 4743.13 | 5201.588 | 2.833 | 3.537 | 210.767 | 1 | 14.661 |
| 9/11/2018 19:30 | 509400 | 115.034 | 20.373 | 262.198 | 4742.479 | 5202.229 | 2.833 | 3.538 | 210.86 | 1 | 14.662 |
| 9/11/2018 19:45 | 510300 | 115.041 | 20.382 | 262.214 | 4743.736 | 5202.646 | 2.834 | 3.538 | 210.804 | 1 | 14.657 |
| 9/11/2018 20:00 | 511200 | 115.036 | 20.39 | 262.203 | 4743.049 | 5201.047 | 2.833 | 3.537 | 210.835 | 1 | 14.666 |
| 9/11/2018 20:15 | 512100 | 115.053 | 20.38 | 262.24 | 4743.953 | 5203.095 | 2.834 | 3.538 | 210.795 | 1 | 14.656 |
| 9/11/2018 20:30 | 513000 | 115.041 | 20.39 | 262.214 | 4744.708 | 5202.847 | 2.834 | 3.538 | 210.761 | 1 | 14.662 |
| 9/11/2018 20:45 | 513900 | 115.029 | 20.391 | 262.197 | 4744.86 | 5204.289 | 2.834 | 3.539 | 210.677 | 1 | 14.665 |
| 9/11/2018 21:00 | 514800 | 114.999 | 20.384 | 262.119 | 4744.141 | 5202.9 | 2.834 | 3.538 | 210.786 | 1 | 14.673 |
| 9/11/2018 21:15 | 515700 | 114.986 | 20.397 | 262.089 | 4743.592 | 5200.794 | 2.833 | 3.537 | 210.811 | 1 | 14.667 |
| 9/11/2018 21:30 | 516600 | 114.95 | 20.394 | 262.005 | 4745.481 | 5203.19 | 2.834 | 3.538 | 210.727 | 1 | 14.671 |
| 9/11/2018 21:45 | 517500 | 114.942 | 20.377 | 261.988 | 4742.876 | 5202.265 | 2.833 | 3.538 | 210.843 | 1 | 14.675 |
| 9/11/2018 22:00 | 518400 | 114.931 | 20.403 | 261.963 | 4748.641 | 5205.702 | 2.835 | 3.54 | 210.587 | 1 | 14.676 |
| 9/11/2018 22:15 | 519300 | 114.919 | 20.397 | 261.937 | 4745.093 | 5203.803 | 2.833 | 3.539 | 210.744 | 1 | 14.682 |
| 9/11/2018 22:30 | 520200 | 114.918 | 20.383 | 261.934 | 4744.348 | 5203.138 | 2.834 | 3.538 | 210.777 | 1 | 14.677 |
| 9/11/2018 22:45 | 521100 | 114.893 | 20.401 | 261.877 | 4746.42 | 5203.477 | 2.834 | 3.538 | 210.685 | 1 | 14.678 |
| 9/11/2018 23:00 | 522000 | 114.885 | 20.403 | 261.882 | 4748.723 | 5205.82 | 2.836 | 3.54 | 210.583 | 1 | 14.68 |
| 9/11/2018 23:15 | 522900 | 114.906 | 20.386 | 261.906 | 4745.088 | 5203.663 | 2.834 | 3.538 | 210.744 | 1 | 14.678 |
| 9/11/2018 23:30 | 523800 | 114.893 | 20.386 | 261.876 | 4745.409 | 5203.649 | 2.834 | 3.538 | 210.746 | 1 | 14.675 |
| 9/11/2018 23:45 | 524700 | 114.878 | 20.392 | 261.878 | 4746.224 | 5204.232 | 2.835 | 3.539 | 210.694 | 1 | 14.686 |
| 9/12/2018 0:00 | 525600 | 114.893 | 20.403 | 261.876 | 4746.113 | 5203.207 | 2.834 | 3.538 | 210.69 | 1 | 14.679 |
| 9/12/2018 0:15 | 526500 | 114.884 | 20.393 | 261.857 | 4745.229 | 5203.095 | 2.834 | 3.538 | 210.738 | 1 | 14.674 |
| 9/12/2018 0:30 | 527400 | 114.888 | 20.39 | 261.865 | 4746.89 | 5205.183 | 2.835 | 3.54 | 210.664 | 1 | 14.686 |
| 9/12/2018 0:45 | 528300 | 114.869 | 20.398 | 261.823 | 4746.07 | 5203.466 | 2.834 | 3.538 | 210.701 | 1 | 14.685 |
| 9/12/2018 1:00 | 529200 | 114.877 | 20.408 | 261.84 | 4747.274 | 5203.729 | 2.834 | 3.539 | 210.647 | 1 | 14.679 |
| 9/12/2018 1:15 | 530100 | | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/13/2018 8:45 | 643500 | 114.991 | 20.398 | 261.1 | 4743.941 | 5201.063 | 2.833 | 3.537 | 210.795 | 1 | 14.743 |
| 9/13/2018 9:00 | 644400 | 114.992 | 20.391 | 262.102 | 4744.062 | 5202.053 | 2.833 | 3.537 | 210.799 | 1 | 14.739 |
| 9/13/2018 9:15 | 645300 | 114.998 | 20.393 | 262.117 | 4743.699 | 5201.388 | 2.833 | 3.537 | 210.806 | 1 | 14.741 |
| 9/13/2018 9:30 | 646200 | 114.997 | 20.403 | 262.114 | 4744.14 | 5200.787 | 2.833 | 3.537 | 210.786 | 1 | 14.732 |
| 9/13/2018 9:45 | 647100 | 114.983 | 20.388 | 262.081 | 4741.5 | 5199.557 | 2.832 | 3.536 | 210.904 | 1 | 14.74 |
| 9/13/2018 10:00 | 648000 | 114.974 | 20.394 | 262.062 | 4743.018 | 5200.555 | 2.832 | 3.536 | 210.836 | 1 | 14.741 |
| 9/13/2018 10:15 | 648900 | 114.971 | 20.385 | 262.055 | 4743.989 | 5199.989 | 2.831 | 3.535 | 210.892 | 1 | 14.742 |
| 9/13/2018 10:30 | 649800 | 114.954 | 20.382 | 262.016 | 4741.672 | 5200.375 | 2.832 | 3.536 | 210.896 | 1 | 14.743 |
| 9/13/2018 10:45 | 650700 | 114.959 | 20.382 | 262.028 | 4741.096 | 5199.714 | 2.832 | 3.536 | 210.922 | 1 | 14.742 |
| 9/13/2018 11:00 | 651600 | 114.94 | 20.375 | 261.984 | 4739.637 | 5198.941 | 2.832 | 3.535 | 210.987 | 1 | 14.746 |
| 9/13/2018 11:15 | 652500 | 114.947 | 20.392 | 261.999 | 4743.985 | 5201.807 | 2.833 | 3.537 | 210.793 | 1 | 14.745 |
| 9/13/2018 11:30 | 653400 | 114.922 | 20.388 | 261.943 | 4742.15 | 5200.279 | 2.832 | 3.536 | 210.875 | 1 | 14.746 |
| 9/13/2018 11:45 | 654300 | 114.943 | 20.378 | 261.942 | 4741.891 | 5201.071 | 2.833 | 3.537 | 210.885 | 1 | 14.752 |
| 9/13/2018 12:00 | 655200 | 114.929 | 20.376 | 261.958 | 4740.314 | 5199.542 | 2.832 | 3.536 | 210.956 | 1 | 14.74 |
| 9/13/2018 12:15 | 656100 | 114.907 | 20.384 | 261.907 | 4740.033 | 5198.328 | 2.831 | 3.535 | 210.969 | 1 | 14.744 |
| 9/13/2018 12:30 | 657000 | 114.896 | 20.387 | 261.883 | 4740.62 | 5198.696 | 2.831 | 3.535 | 210.943 | 1 | 14.743 |
| 9/13/2018 12:45 | 657900 | 114.888 | 20.374 | 261.866 | 4740.326 | 5199.811 | 2.832 | 3.536 | 210.956 | 1 | 14.74 |
| 9/13/2018 13:00 | 658800 | 114.853 | 20.374 | 261.785 | 4741.263 | 5200.733 | 2.833 | 3.536 | 210.914 | 1 | 14.745 |
| 9/13/2018 13:15 | 659700 | 114.861 | 20.384 | 261.804 | 4738.299 | 5197.549 | 2.831 | 3.534 | 211.046 | 1 | 14.741 |
| 9/13/2018 13:30 | 660600 | 114.852 | 20.388 | 261.782 | 4742.158 | 5200.242 | 2.832 | 3.536 | 210.874 | 1 | 14.739 |
| 9/13/2018 13:45 | 661500 | 114.829 | 20.382 | 261.731 | 4743.831 | 5202.685 | 2.834 | 3.538 | 210.8 | 1 | 14.74 |
| 9/13/2018 14:00 | 662400 | 114.818 | 20.376 | 261.707 | 4740.434 | 5199.682 | 2.832 | 3.536 | 210.951 | 1 | 14.738 |
| 9/13/2018 14:15 | 663300 | 114.802 | 20.378 | 261.67 | 4741.476 | 5200.595 | 2.832 | 3.536 | 210.905 | 1 | 14.737 |
| 9/13/2018 14:30 | 664200 | 114.785 | 20.368 | 261.63 | 4740.959 | 5201.144 | 2.833 | 3.537 | 210.928 | 1 | 14.736 |
| 9/13/2018 14:45 | 665100 | 114.768 | 20.384 | 261.592 | 4742.026 | 5200.572 | 2.832 | 3.536 | 210.88 | 1 | 14.734 |
| 9/13/2018 15:00 | 666000 | 114.763 | 20.384 | 261.581 | 4741.292 | 5199.74 | 2.832 | 3.536 | 210.913 | 1 | 14.729 |
| 9/13/2018 15:15 | 666900 | 114.747 | 20.377 | 261.543 | 4741.681 | 5200.88 | 2.833 | 3.537 | 210.896 | 1 | 14.73 |
| 9/13/2018 15:30 | 667800 | 114.741 | 20.386 | 261.53 | 4741.889 | 5200.174 | 2.832 | 3.536 | 210.886 | 1 | 14.727 |
| 9/13/2018 15:45 | 668700 | 114.722 | 20.385 | 261.488 | 4742.153 | 5200.511 | 2.832 | 3.536 | 210.875 | 1 | 14.722 |
| 9/13/2018 16:00 | 669600 | 114.714 | 20.371 | 261.469 | 4741.223 | 5201.062 | 2.833 | 3.537 | 210.916 | 1 | 14.726 |
| 9/13/2018 16:15 | 670500 | 114.699 | 20.378 | 261.435 | 4741.354 | 5201.157 | 2.833 | 3.537 | 210.91 | 1 | 14.726 |
| 9/13/2018 16:30 | 671400 | 114.7 | 20.366 | 261.438 | 4742.333 | 5202.803 | 2.834 | 3.538 | 210.867 | 1 | 14.716 |
| 9/13/2018 16:45 | 672300 | 114.699 | 20.371 | 261.434 | 4739.475 | 5199.115 | 2.832 | 3.535 | 210.994 | 1 | 14.714 |
| 9/13/2018 17:00 | 673200 | 114.686 | 20.376 | 261.405 | 4742.504 | 5201.935 | 2.833 | 3.537 | 210.859 | 1 | 14.713 |
| 9/13/2018 17:15 | 674100 | 114.686 | 20.372 | 261.404 | 4741.939 | 5201.761 | 2.833 | 3.537 | 210.884 | 1 | 14.712 |
| 9/13/2018 17:30 | 675000 | 114.681 | 20.369 | 261.394 | 4743.499 | 5202.719 | 2.834 | 3.538 | 210.815 | 1 | 14.711 |
| 9/13/2018 17:45 | 675900 | 114.675 | 20.379 | 261.38 | 4745.125 | 5203.257 | 2.834 | 3.538 | 210.746 | 1 | 14.716 |
| 9/13/2018 18:00 | 676800 | 114.676 | 20.379 | 261.382 | 4742.564 | 5201.723 | 2.833 | 3.537 | 210.856 | 1 | 14.709 |
| 9/13/2018 18:15 | 677700 | 114.675 | 20.375 | 261.379 | 4741.576 | 5201.049 | 2.833 | 3.537 | 210.9 | 1 | 14.707 |
| 9/13/2018 18:30 | 678600 | 114.679 | 20.39 | 261.389 | 4746.017 | 5204.271 | 2.835 | 3.539 | 210.703 | 1 | 14.706 |
| 9/13/2018 18:45 | 679500 | 114.67 | 20.378 | 261.368 | 4743.679 | 5202.976 | 2.834 | 3.538 | 210.807 | 1 | 14.708 |
| 9/13/2018 19:00 | 680400 | 114.678 | 20.387 | 261.386 | 4743.217 | 5201.535 | 2.833 | 3.537 | 210.827 | 1 | 14.704 |
| 9/13/2018 19:15 | 681300 | 114.673 | 20.37 | 261.375 | 4742.075 | 5202.12 | 2.833 | 3.537 | 210.878 | 1 | 14.707 |
| 9/13/2018 19:30 | 682200 | 114.668 | 20.385 | 261.363 | 4744.077 | 5202.707 | 2.834 | 3.538 | 210.799 | 1 | 14.71 |
| 9/13/2018 19:45 | 683100 | 114.654 | 20.373 | 261.332 | 4742.787 | 5202.607 | 2.834 | 3.538 | 210.876 | 1 | 14.713 |
| 9/13/2018 20:00 | 684000 | 114.658 | 20.375 | 261.341 | 4740.859 | 5200.234 | 2.832 | 3.536 | 210.932 | 1 | 14.712 |
| 9/13/2018 20:15 | 684900 | 114.658 | 20.377 | 261.341 | 4744.21 | 5203.701 | 2.834 | 3.539 | 210.783 | 1 | 14.713 |
| 9/13/2018 20:30 | 685800 | 114.657 | 20.364 | 261.339 | 4740.867 | 5201.462 | 2.833 | 3.537 | 210.932 | 1 | 14.717 |
| 9/13/2018 20:45 | 686700 | 114.654 | 20.365 | 261.331 | 4743.571 | 5204.214 | 2.835 | 3.539 | 210.812 | 1 | 14.717 |
| 9/13/2018 21:00 | 687600 | 114.649 | 20.378 | 261.319 | 4743.13 | 5202.431 | 2.834 | 3.538 | 210.831 | 1 | 14.713 |
| 9/13/2018 21:15 | 688500 | 114.644 | 20.368 | 261.31 | 4743.467 | 5203.896 | 2.834 | 3.539 | 210.816 | 1 | 14.72 |
| 9/13/2018 21:30 | 689400 | 114.629 | 20.395 | 261.275 | 4744.094 | 5201.641 | 2.833 | 3.537 | 210.788 | 1 | 14.723 |
| 9/13/2018 21:45 | 690300 | 114.64 | 20.39 | 261.301 | 4746.43 | 5204.706 | 2.835 | 3.539 | 210.685 | 1 | 14.72 |
| 9/13/2018 22:00 | 691200 | 114.642 | 20.384 | 261.303 | 4743.17 | 5201.741 | 2.833 | 3.537 | 210.829 | 1 | 14.714 |
| 9/13/2018 22:15 | 692100 | 114.653 | 20.381 | 261.33 | 4744.353 | 5203.467 | 2.834 | 3.538 | 210.777 | 1 | 14.712 |
| 9/13/2018 22:30 | 693000 | 114.64 | 20.381 | 261.3 | 4742.84 | 5201.79 | 2.833 | 3.537 | 210.844 | 1 | 14.716 |
| 9/13/2018 22:45 | 693900 | 114.648 | 20.388 | 261.318 | 4745.813 | 5204.212 | 2.835 | 3.539 | 210.712 | 1 | 14.717 |
| 9/13/2018 23:00 | 694800 | 114.665 | 20.377 | 261.356 | 4744.544 | 5204.039 | 2.834 | 3.539 | 210.768 | 1 | 14.71 |
| 9/13/2018 23:15 | 695700 | 114.663 | 20.367 | 261.352 | 4744.335 | 5204.943 | 2.835 | 3.539 | 210.778 | 1 | 14.712 |
| 9/13/2018 23:30 | 696600 | 114.675 | 20.381 | 261.38 | 4743.853 | 5202.88 | 2.834 | 3.538 | 210.799 | 1 | 14.717 |
| 9/13/2018 23:45 | 697500 | 114.688 | 20.38 | 261.409 | 4745.145 | 5204.382 | 2.835 | 3.539 | 210.742 | 1 | 14.714 |
| 9/14/2018 0:00 | 698400 | 114.697 | 20.384 | 261.43 | 4743.31 | 5203.723 | 2.834 | 3.539 | 210.723 | 1 | 14.713 |
| 9/14/2018 0:15 | 699300 | 114.707 | 20.357 | 261.454 | 4742.543 | 5204.091 | 2.834 | 3.539 | 210.857 | 1 | 14.716 |
| 9/14/2018 0:30 | 700200 | 114.711 | 20.387 | 261.462 | 4748.229 | 5207.031 | 2.836 | 3.541 | 210.605 | 1 | 14.718 |
| 9/14/2018 0:45 | 701100 | 114.725 | 20.385 | 261.494 | 4744.853 | 5203.491 | 2.834 | 3.538 | 210.755 | 1 | 14.723 |
| 9/14/2018 1:00 | 702000 | 114.723 | 20.382 | 261.488 | 4747.882 | 5207.157 | 2.836 | 3.541 | 210.62 | 1 | 14.723 |
| 9/14/2018 1:15 | 702900 | 114.745 | 20.381 | 261.54 | 4747.249 | 5206.575 | 2.836 | 3.54 | 210.648 | 1 | 14.717 |
| 9/14/2018 1:30 | 703800 | 114.734 | 20.386 | 261.582 | 4746.298 | 5205.866 | 2.836 | 3.54 | 210.691 | 1 | 14.716 |
| 9/14/2018 1:45 | 704700 | 114.769 | 20.38 | 261.593 | 4747.903 | 5207.388 | 2.836 | 3.541 | 210.619 | 1 | 14.722 |
| 9/14/2018 2:00 | 705600 | 114.798 | 20.371 | 261.659 | 4746.077 | 5206.378 | 2.836 | 3.54 | 210.7 | 1 | 14.715 |
| 9/14/2018 2:15 | 706500 | 114.8 | 20.38 | 261.664 | 4744.978 | 5204.247 | 2.835 | 3.539 | 210.749 | 1 | 14.721 |
| 9/14/2018 2:30 | 707400 | 114.806 | 20.39 | 261.677 | 4749.536 | 5208.064 | 2.837 | 3.541 | 210.547 | 1 | 14.72 |
| 9/14/2018 2:45 | 708300 | 114.822 | 20.378 | 261.714 | 4745.739 | 5205.271 | 2.835 | 3.54 | 210.715 | 1 | 14.724 |
| 9/14/2018 3:00 | 709200 | 114.84 | 20.375 | 261.756 | 4745.98 | 5205.47 | 2.835 | 3.54 | 210.705 | 1 | 14.716 |
| 9/14/2018 3:15 | 710100 | 114.853 | 20.367 | 261.785 | 4746.398 | 5207.139 | 2.836 | 3.541 | 210.686 | 1 | 14.716 |
| 9/14/2018 3:30 | 711000 | 114.863 | 20.369 | 261.807 | 4745.544 | 5206.06 | 2.836 | 3.54 | 210.724 | 1 | 14.717 |
| 9/14/2018 3:45 | 711900 | 114.884 | 20.382 | 261.856 | 4747.339 | 5206.542 | 2.836 | 3.54 | 210.644 | 1 | 14.717 |
| 9/14/2018 4:00 | 712800 | 114.901 | 20.38 | 261.894 | 4746.88 | 5206.277 | 2.836 | 3.54 | 210.665 | 1 | 14.719 |
| 9/14/2018 4:15 | 713700 | 114.916 | 20.383 | 261.929 | 4747.952 | 5207.156 | 2.836 | 3.541 | 210.617 | 1 | 14.715 |
| 9/14/2018 4:30 | 714600 | 114.932 | 20.382 | 261.965 | 4748.748 | 5207.277 | 2.836 | 3.541 | 210.615 | 1 | 14.713 |
| 9/14/2018 4:45 | 715500 | 114.956 | 20.385 | 262.02 | 4748.176 | 5207.116 | 2.836 | 3.541 | 210.607 | 1 | 14.713 |
| 9/14/2018 5:00 | 716400 | 114.971 | 20.371 | 262.054 | 4747.036 | 5207.43 | 2.836 | 3.541 | 210.658 | 1 | 14.71 |
| 9/14/2018 5:15 | 717300 | 114.999 | 20.378 | 262.117 | 4747.397 | 5207.054 | 2.836 | 3.541 | 210.642 | 1 | 14.704 |
| 9/14/2018 5:30 | 718200 | 115.004 | 20.381 | 262.13 | 4746.655 | 5205.955 | 2.836 | 3.54 | 210.675 | 1 | 14.708 |
| 9/14/2018 5:45 | 719100 | 115.027 | 20.381 | 262.181 | 4747.624 | 5207.025 | 2.836 | 3.541 | 210.632 | 1 | 14.708 |
| 9/14/2018 6:00 | 720000 | 115.039 | 2 | | | | | | | | |

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|-----------------|--------|---------|-------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/15/2018 13:30 | 833400 | 114.424 | 20378 | 260.807 | 4781.042 | 5243.975 | 2.858 | 3.566 | 209.159 | 1 | 14.72 |
| 9/15/2018 13:45 | 834300 | 114.426 | 20388 | 260.812 | 4778.875 | 5240.534 | 2.856 | 3.564 | 209.254 | 1 | 14.71 |
| 9/15/2018 14:00 | 835200 | 114.411 | 20387 | 260.778 | 4781.531 | 5243.57 | 2.857 | 3.566 | 209.138 | 1 | 14.723 |
| 9/15/2018 14:15 | 836100 | 114.419 | 20389 | 260.796 | 4780.452 | 5242.148 | 2.857 | 3.565 | 209.185 | 1 | 14.713 |
| 9/15/2018 14:30 | 837000 | 114.419 | 2039 | 260.796 | 4780.548 | 5242.07 | 2.857 | 3.565 | 209.181 | 1 | 14.715 |
| 9/15/2018 14:45 | 837900 | 114.418 | 20391 | 260.795 | 4779.567 | 5240.986 | 2.856 | 3.564 | 209.224 | 1 | 14.71 |
| 9/15/2018 15:00 | 838800 | 114.42 | 20395 | 260.799 | 4780.771 | 5241.806 | 2.856 | 3.564 | 209.171 | 1 | 14.711 |
| 9/15/2018 15:15 | 839700 | 114.417 | 20405 | 260.792 | 4784.471 | 5244.75 | 2.858 | 3.566 | 209.01 | 1 | 14.708 |
| 9/15/2018 15:30 | 840600 | 114.429 | 20401 | 260.818 | 4782.6 | 5243.149 | 2.857 | 3.565 | 209.091 | 1 | 14.711 |
| 9/15/2018 15:45 | 841500 | 114.441 | 20391 | 260.847 | 4780.777 | 5242.226 | 2.857 | 3.565 | 209.171 | 1 | 14.704 |
| 9/15/2018 16:00 | 842400 | 114.436 | 20389 | 260.834 | 4782.05 | 5243.89 | 2.858 | 3.566 | 209.115 | 1 | 14.704 |
| 9/15/2018 16:15 | 843300 | 114.467 | 20377 | 260.905 | 4778.899 | 5241.769 | 2.856 | 3.564 | 209.253 | 1 | 14.7 |
| 9/15/2018 16:30 | 844200 | 114.482 | 20394 | 260.94 | 4783.77 | 5244.817 | 2.858 | 3.566 | 209.04 | 1 | 14.693 |
| 9/15/2018 16:45 | 845100 | 114.478 | 20393 | 260.93 | 4783.876 | 5245.461 | 2.859 | 3.567 | 209.035 | 1 | 14.699 |
| 9/15/2018 17:00 | 846000 | 114.487 | 20397 | 260.952 | 4783.835 | 5244.907 | 2.858 | 3.567 | 209.037 | 1 | 14.691 |
| 9/15/2018 17:15 | 846900 | 114.499 | 20395 | 260.979 | 4783.828 | 5245.13 | 2.858 | 3.567 | 209.038 | 1 | 14.692 |
| 9/15/2018 17:30 | 847800 | 114.503 | 20395 | 260.988 | 4782.157 | 5243.297 | 2.857 | 3.565 | 209.111 | 1 | 14.694 |
| 9/15/2018 17:45 | 848700 | 114.511 | 20401 | 261.007 | 4783.331 | 5243.981 | 2.858 | 3.566 | 209.059 | 1 | 14.694 |
| 9/15/2018 18:00 | 849600 | 114.537 | 20387 | 261.046 | 4783.433 | 5245.57 | 2.859 | 3.567 | 209.135 | 1 | 14.697 |
| 9/15/2018 18:15 | 850500 | 114.524 | 20381 | 261.037 | 4781.726 | 5244.457 | 2.858 | 3.566 | 209.13 | 1 | 14.696 |
| 9/15/2018 18:30 | 851400 | 114.53 | 204 | 261.048 | 4786.089 | 5247.128 | 2.86 | 3.568 | 209.39 | 1 | 14.693 |
| 9/15/2018 18:45 | 852300 | 114.551 | 20393 | 261.097 | 4785.198 | 5246.92 | 2.859 | 3.568 | 209.378 | 1 | 14.688 |
| 9/15/2018 19:00 | 853200 | 114.567 | 20399 | 261.134 | 4785.092 | 5246.142 | 2.859 | 3.567 | 209.382 | 1 | 14.685 |
| 9/15/2018 19:15 | 854100 | 114.566 | 20397 | 261.132 | 4783.271 | 5244.307 | 2.858 | 3.566 | 209.062 | 1 | 14.692 |
| 9/15/2018 19:30 | 855000 | 114.577 | 20383 | 261.156 | 4785.818 | 5248.408 | 2.86 | 3.569 | 208.959 | 1 | 14.687 |
| 9/15/2018 19:45 | 855900 | 114.574 | 20404 | 261.149 | 4785.496 | 5246.056 | 2.859 | 3.567 | 209.065 | 1 | 14.7 |
| 9/15/2018 20:00 | 856800 | 114.593 | 20379 | 261.194 | 4782.599 | 5245.605 | 2.859 | 3.567 | 209.091 | 1 | 14.701 |
| 9/15/2018 20:15 | 857700 | 114.602 | 20406 | 261.213 | 4787.58 | 5248.081 | 2.86 | 3.569 | 208.874 | 1 | 14.7 |
| 9/15/2018 20:30 | 858600 | 114.601 | 204 | 261.212 | 4786.97 | 5248.094 | 2.86 | 3.569 | 208.9 | 1 | 14.698 |
| 9/15/2018 20:45 | 859500 | 114.593 | 20384 | 261.193 | 4785.413 | 5248.067 | 2.86 | 3.569 | 208.968 | 1 | 14.7 |
| 9/15/2018 21:00 | 860400 | 114.56 | 20402 | 261.118 | 4789.59 | 5250.746 | 2.862 | 3.571 | 208.986 | 1 | 14.706 |
| 9/15/2018 21:15 | 861300 | 114.545 | 20392 | 261.084 | 4787.595 | 5249.663 | 2.861 | 3.57 | 208.873 | 1 | 14.704 |
| 9/15/2018 21:30 | 862200 | 114.523 | 20388 | 261.034 | 4790.052 | 5252.714 | 2.863 | 3.572 | 208.766 | 1 | 14.708 |
| 9/15/2018 21:45 | 863100 | 114.504 | 20413 | 260.99 | 4791.578 | 5251.734 | 2.862 | 3.571 | 208.7 | 1 | 14.706 |
| 9/15/2018 22:00 | 864000 | 114.494 | 20401 | 260.968 | 4786.226 | 5247.155 | 2.86 | 3.568 | 208.933 | 1 | 14.701 |
| 9/15/2018 22:15 | 864900 | 114.48 | 20382 | 260.934 | 4787.788 | 5250.922 | 2.862 | 3.571 | 208.865 | 1 | 14.707 |
| 9/15/2018 22:30 | 865800 | 114.467 | 20389 | 260.905 | 4790.886 | 5253.263 | 2.863 | 3.572 | 208.742 | 1 | 14.712 |
| 9/15/2018 22:45 | 866700 | 114.464 | 20387 | 260.898 | 4788.934 | 5251.331 | 2.862 | 3.571 | 208.815 | 1 | 14.703 |
| 9/15/2018 23:00 | 867600 | 114.443 | 20394 | 260.852 | 4792.125 | 5254.362 | 2.864 | 3.573 | 208.676 | 1 | 14.707 |
| 9/15/2018 23:15 | 868500 | 114.433 | 20393 | 260.828 | 4792.122 | 5254.455 | 2.864 | 3.573 | 208.676 | 1 | 14.715 |
| 9/15/2018 23:30 | 869400 | 114.448 | 20398 | 260.863 | 4792.554 | 5254.39 | 2.864 | 3.573 | 208.657 | 1 | 14.711 |
| 9/15/2018 23:45 | 870300 | 114.437 | 20397 | 260.836 | 4792.998 | 5254.962 | 2.864 | 3.573 | 208.638 | 1 | 14.713 |
| 9/16/2018 0:00 | 871200 | 114.43 | 20387 | 260.82 | 4789.467 | 5252.196 | 2.862 | 3.571 | 208.792 | 1 | 14.713 |
| 9/16/2018 0:15 | 872100 | 114.433 | 20387 | 260.827 | 4791.453 | 5252.21 | 2.862 | 3.572 | 208.705 | 1 | 14.713 |
| 9/16/2018 0:30 | 873000 | 114.431 | 20393 | 260.823 | 4791.302 | 5253.556 | 2.863 | 3.572 | 208.712 | 1 | 14.712 |
| 9/16/2018 0:45 | 873900 | 114.428 | 20395 | 260.817 | 4793.687 | 5256.005 | 2.865 | 3.574 | 208.608 | 1 | 14.715 |
| 9/16/2018 1:00 | 874800 | 114.421 | 20394 | 260.802 | 4791.762 | 5253.954 | 2.863 | 3.573 | 208.691 | 1 | 14.712 |
| 9/16/2018 1:15 | 875700 | 114.422 | 20401 | 260.804 | 4794.906 | 5256.611 | 2.865 | 3.574 | 208.555 | 1 | 14.717 |
| 9/16/2018 1:30 | 876600 | 114.435 | 20401 | 260.833 | 4791.958 | 5253.419 | 2.863 | 3.572 | 208.683 | 1 | 14.708 |
| 9/16/2018 1:45 | 877500 | 114.431 | 20395 | 260.823 | 4791.395 | 5253.246 | 2.863 | 3.572 | 208.716 | 1 | 14.715 |
| 9/16/2018 2:00 | 878400 | 114.426 | 20411 | 260.813 | 4795.408 | 5256.057 | 2.865 | 3.574 | 208.533 | 1 | 14.717 |
| 9/16/2018 2:15 | 879300 | 114.442 | 20401 | 260.848 | 4794.773 | 5256.466 | 2.865 | 3.574 | 208.56 | 1 | 14.717 |
| 9/16/2018 2:30 | 880200 | 114.439 | 20406 | 260.841 | 4792.454 | 5253.453 | 2.863 | 3.572 | 208.661 | 1 | 14.717 |
| 9/16/2018 2:45 | 881100 | 114.462 | 20397 | 260.894 | 4793.915 | 5256.063 | 2.865 | 3.574 | 208.598 | 1 | 14.714 |
| 9/16/2018 3:00 | 882000 | 114.468 | 20403 | 260.908 | 4792.137 | 5253.451 | 2.863 | 3.572 | 208.675 | 1 | 14.718 |
| 9/16/2018 3:15 | 882900 | 114.469 | 20398 | 260.911 | 4793.455 | 5255.996 | 2.864 | 3.574 | 208.618 | 1 | 14.717 |
| 9/16/2018 3:30 | 883800 | 114.471 | 20393 | 260.915 | 4793.248 | 5255.708 | 2.864 | 3.574 | 208.627 | 1 | 14.717 |
| 9/16/2018 3:45 | 884700 | 114.483 | 20384 | 260.942 | 4792.162 | 5255.469 | 2.864 | 3.574 | 208.674 | 1 | 14.72 |
| 9/16/2018 4:00 | 885600 | 114.504 | 20387 | 260.99 | 4793.073 | 5256.15 | 2.865 | 3.574 | 208.634 | 1 | 14.712 |
| 9/16/2018 4:15 | 886500 | 114.512 | 20388 | 261.008 | 4791.621 | 5254.443 | 2.864 | 3.573 | 208.698 | 1 | 14.714 |
| 9/16/2018 4:30 | 887400 | 114.526 | 20392 | 261.04 | 4794.012 | 5256.632 | 2.865 | 3.575 | 208.594 | 1 | 14.716 |
| 9/16/2018 4:45 | 888300 | 114.54 | 20386 | 261.073 | 4792.22 | 5258.442 | 2.866 | 3.576 | 208.545 | 1 | 14.715 |
| 9/16/2018 5:00 | 889200 | 114.576 | 20396 | 261.154 | 4796.563 | 5258.978 | 2.866 | 3.576 | 208.483 | 1 | 14.716 |
| 9/16/2018 5:15 | 890100 | 114.624 | 20395 | 261.263 | 4792.816 | 5255.041 | 2.864 | 3.573 | 208.646 | 1 | 14.72 |
| 9/16/2018 5:30 | 891000 | 114.659 | 20401 | 261.343 | 4796.386 | 5258.263 | 2.866 | 3.576 | 208.49 | 1 | 14.716 |
| 9/16/2018 5:45 | 891900 | 114.698 | 20402 | 261.433 | 4797.181 | 5259.086 | 2.866 | 3.576 | 208.456 | 1 | 14.72 |
| 9/16/2018 6:00 | 892800 | 114.727 | 20415 | 261.499 | 4797.75 | 5258.23 | 2.866 | 3.576 | 208.431 | 1 | 14.726 |
| 9/16/2018 6:15 | 893700 | 114.766 | 20402 | 261.586 | 4796.035 | 5261.715 | 2.865 | 3.575 | 208.366 | 1 | 14.718 |
| 9/16/2018 6:30 | 894600 | 114.792 | 20414 | 261.647 | 4795.292 | 5255.592 | 2.864 | 3.574 | 208.538 | 1 | 14.724 |
| 9/16/2018 6:45 | 895500 | 114.818 | 20401 | 261.705 | 4794.185 | 5255.821 | 2.865 | 3.574 | 208.586 | 1 | 14.729 |
| 9/16/2018 7:00 | 896400 | 114.838 | 2041 | 261.752 | 4797.951 | 5259.007 | 2.866 | 3.576 | 208.422 | 1 | 14.726 |
| 9/16/2018 7:15 | 897300 | 114.87 | 20401 | 261.824 | 4795.361 | 5257.14 | 2.865 | 3.575 | 208.535 | 1 | 14.727 |
| 9/16/2018 7:30 | 898200 | 114.894 | 204 | 261.879 | 4795.331 | 5257.432 | 2.865 | 3.575 | 208.527 | 1 | 14.729 |
| 9/16/2018 7:45 | 899100 | 114.887 | 20399 | 261.887 | 4796.178 | 5258.382 | 2.866 | 3.576 | 208.499 | 1 | 14.735 |
| 9/16/2018 8:00 | 900000 | 114.869 | 20394 | 261.822 | 4795.015 | 5257.568 | 2.866 | 3.575 | 208.55 | 1 | 14.737 |
| 9/16/2018 8:15 | 900900 | 114.865 | 20395 | 261.812 | 4795.332 | 5257.761 | 2.866 | 3.575 | 208.536 | 1 | 14.737 |
| 9/16/2018 8:30 | 901800 | 114.854 | 20406 | 261.788 | 4798.135 | 5259.595 | 2.867 | 3.577 | 208.414 | 1 | 14.732 |
| 9/16/2018 8:45 | 902700 | 114.828 | 20396 | 261.729 | 4794.191 | 5256.387 | 2.865 | 3.574 | 208.586 | 1 | 14.735 |
| 9/16/2018 9:00 | 903600 | 114.818 | 20396 | 261.705 | 4798.221 | 5260.795 | 2.867 | 3.577 | 208.411 | 1 | 14.734 |
| 9/16/2018 9:15 | 904500 | 114.822 | 20397 | 261.716 | 4795.236 | 5257.625 | 2.866 | 3.575 | 208.535 | 1 | 14.742 |
| 9/16/2018 9:30 | 905400 | 114.826 | 20405 | 261.725 | 4797.043 | 5259.238 | 2.867 | 3.576 | 208.436 | 1 | 14.736 |
| 9/16/2018 9:45 | 906300 | 114.839 | 20398 | 261.752 | 4798.036 | 5260.467 | 2.867 | 3.577 | 208.419 | 1 | 14.742 |
| 9/16/2018 10:00 | 907200 | 114.849 | 20403 | 261.776 | 4798.431 | 5260.265 | 2.867 | 3.577 | 208.401 | 1 | 14.735 |
| 9/16/2018 10:15 | 908100 | 114.866 | 20391 | 261.815 | 4798.273 | 5261.419 | 2.868 | 3.578 | 208.408 | 1 | 14.738 |
| 9/16/2018 10:30 | 909000 | 114.853 | 20405 | 261.784 | 4799.646 | 5261.395 | 2.868 | 3.578 | 208.349 | 1 | 14.745 |
| 9/16/2018 10:45 | 909900 | 114.865 | 20405 | 261.814 | 4799.215 | 5260.817 | 2.867 | 3.577 | 208.367 | 1 | 14 |

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|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/17/2018 18:15 | 1023300 | 115.08 | 20382 | 262.304 | 4816.277 | 5282.177 | 2.88 | 3.592 | 207.620 | 1 | 14.708 |
| 9/17/2018 18:30 | 1024200 | 115.083 | 20385 | 262.309 | 4817.737 | 5283.479 | 2.881 | 3.593 | 207.566 | 1 | 14.7 |
| 9/17/2018 18:45 | 1025100 | 115.085 | 20399 | 262.315 | 4819.377 | 5283.68 | 2.881 | 3.593 | 207.496 | 1 | 14.699 |
| 9/17/2018 19:00 | 1026000 | 115.09 | 20.4 | 262.325 | 4816.405 | 5280.384 | 2.879 | 3.591 | 207.624 | 1 | 14.693 |
| 9/17/2018 19:15 | 1026900 | 115.077 | 20.384 | 262.296 | 4815.246 | 5280.794 | 2.879 | 3.591 | 207.674 | 1 | 14.702 |
| 9/17/2018 19:30 | 1027800 | 115.08 | 20.38 | 262.302 | 4818.302 | 5284.583 | 2.881 | 3.594 | 207.542 | 1 | 14.7 |
| 9/17/2018 19:45 | 1028700 | 115.074 | 20.401 | 262.288 | 4815.034 | 5285.136 | 2.882 | 3.594 | 207.439 | 1 | 14.701 |
| 9/17/2018 20:00 | 1029600 | 115.066 | 20.391 | 262.271 | 4818.857 | 5284.011 | 2.881 | 3.593 | 207.518 | 1 | 14.706 |
| 9/17/2018 20:15 | 1030500 | 115.055 | 20.384 | 262.247 | 4817.298 | 5283.113 | 2.88 | 3.593 | 207.585 | 1 | 14.706 |
| 9/17/2018 20:30 | 1031400 | 115.058 | 20.406 | 262.254 | 4820.372 | 5284.057 | 2.881 | 3.593 | 207.453 | 1 | 14.705 |
| 9/17/2018 20:45 | 1032300 | 115.052 | 20.39 | 262.239 | 4819.272 | 5284.639 | 2.881 | 3.594 | 207.5 | 1 | 14.706 |
| 9/17/2018 21:00 | 1033200 | 115.031 | 20.391 | 262.192 | 4819.368 | 5284.629 | 2.881 | 3.594 | 207.496 | 1 | 14.714 |
| 9/17/2018 21:15 | 1034100 | 115.016 | 20.392 | 262.157 | 4818.454 | 5285.044 | 2.882 | 3.594 | 207.475 | 1 | 14.715 |
| 9/17/2018 21:30 | 1035000 | 115.01 | 20.378 | 262.142 | 4816.912 | 5283.299 | 2.88 | 3.593 | 207.602 | 1 | 14.716 |
| 9/17/2018 21:45 | 1035900 | 115.004 | 20.382 | 262.129 | 4819.127 | 5285.323 | 2.882 | 3.594 | 207.506 | 1 | 14.715 |
| 9/17/2018 22:00 | 1036800 | 114.993 | 20.388 | 262.105 | 4821.438 | 5287.216 | 2.883 | 3.595 | 207.407 | 1 | 14.713 |
| 9/17/2018 22:15 | 1037700 | 114.973 | 20.4 | 262.06 | 4820.606 | 5284.961 | 2.881 | 3.594 | 207.443 | 1 | 14.716 |
| 9/17/2018 22:30 | 1038600 | 114.968 | 20.408 | 262.048 | 4824.251 | 5288.098 | 2.883 | 3.596 | 207.286 | 1 | 14.718 |
| 9/17/2018 22:45 | 1039500 | 114.956 | 20.409 | 262.057 | 4822.654 | 5286.143 | 2.882 | 3.595 | 207.355 | 1 | 14.719 |
| 9/17/2018 23:00 | 1040400 | 114.959 | 20.39 | 262.026 | 4819.575 | 5284.895 | 2.881 | 3.594 | 207.487 | 1 | 14.722 |
| 9/17/2018 23:15 | 1041300 | 114.959 | 20.401 | 262.027 | 4821.353 | 5285.644 | 2.882 | 3.594 | 207.411 | 1 | 14.712 |
| 9/17/2018 23:30 | 1042200 | 114.947 | 20.391 | 262 | 4820.951 | 5286.316 | 2.882 | 3.595 | 207.428 | 1 | 14.717 |
| 9/17/2018 23:45 | 1043100 | 114.946 | 20.399 | 261.997 | 4823.849 | 5288.583 | 2.884 | 3.596 | 207.303 | 1 | 14.717 |
| 9/18/2018 0:00 | 1044000 | 114.945 | 20.403 | 261.994 | 4822.417 | 5286.589 | 2.882 | 3.595 | 207.365 | 1 | 14.714 |
| 9/18/2018 0:15 | 1044900 | 114.94 | 20.405 | 261.983 | 4823.443 | 5288.729 | 2.884 | 3.596 | 207.282 | 1 | 14.715 |
| 9/18/2018 0:30 | 1045800 | 114.942 | 20.393 | 261.988 | 4822.174 | 5287.425 | 2.883 | 3.595 | 207.375 | 1 | 14.714 |
| 9/18/2018 0:45 | 1046700 | 114.945 | 20.384 | 261.996 | 4821.265 | 5287.482 | 2.883 | 3.595 | 207.414 | 1 | 14.718 |
| 9/18/2018 1:00 | 1047600 | 114.95 | 20.389 | 262.005 | 4824.604 | 5290.505 | 2.885 | 3.598 | 207.271 | 1 | 14.714 |
| 9/18/2018 1:15 | 1048500 | 114.946 | 20.386 | 261.998 | 4825.053 | 5290.253 | 2.885 | 3.597 | 207.252 | 1 | 14.719 |
| 9/18/2018 1:30 | 1049400 | 114.962 | 20.398 | 262.034 | 4821.662 | 5287.453 | 2.883 | 3.595 | 207.397 | 1 | 14.712 |
| 9/18/2018 1:45 | 1050300 | 114.963 | 20.392 | 262.039 | 4825.286 | 5290.904 | 2.885 | 3.598 | 207.242 | 1 | 14.716 |
| 9/18/2018 2:00 | 1051200 | 114.974 | 20.407 | 262.061 | 4824.09 | 5287.939 | 2.883 | 3.596 | 207.293 | 1 | 14.711 |
| 9/18/2018 2:15 | 1052100 | 114.991 | 20.401 | 262.101 | 4824.52 | 5289.137 | 2.884 | 3.597 | 207.275 | 1 | 14.711 |
| 9/18/2018 2:30 | 1053000 | 114.98 | 20.386 | 262.074 | 4822.886 | 5288.96 | 2.884 | 3.596 | 207.345 | 1 | 14.712 |
| 9/18/2018 2:45 | 1053900 | 114.991 | 20.401 | 262.101 | 4824.552 | 5289.162 | 2.884 | 3.597 | 207.273 | 1 | 14.713 |
| 9/18/2018 3:00 | 1054800 | 115 | 20.404 | 262.121 | 4826.851 | 5291.382 | 2.885 | 3.598 | 207.174 | 1 | 14.713 |
| 9/18/2018 3:15 | 1055700 | 115.012 | 20.405 | 262.149 | 4824.255 | 5290.689 | 2.885 | 3.597 | 207.286 | 1 | 14.71 |
| 9/18/2018 3:30 | 1056600 | 115.02 | 20.379 | 262.167 | 4825.1 | 5292.167 | 2.886 | 3.599 | 207.207 | 1 | 14.709 |
| 9/18/2018 3:45 | 1057500 | 115.025 | 20.395 | 262.178 | 4823.433 | 5288.602 | 2.884 | 3.596 | 207.321 | 1 | 14.714 |
| 9/18/2018 4:00 | 1058400 | 115.039 | 20.385 | 262.21 | 4823.781 | 5290.067 | 2.884 | 3.597 | 207.306 | 1 | 14.71 |
| 9/18/2018 4:15 | 1059300 | 115.035 | 20.38 | 262.2 | 4824.281 | 5291.148 | 2.885 | 3.598 | 207.285 | 1 | 14.71 |
| 9/18/2018 4:30 | 1060200 | 115.036 | 20.404 | 262.203 | 4827.724 | 5292.31 | 2.886 | 3.599 | 207.137 | 1 | 14.714 |
| 9/18/2018 4:45 | 1061100 | 115.052 | 20.384 | 262.239 | 4824.898 | 5291.438 | 2.885 | 3.598 | 207.258 | 1 | 14.715 |
| 9/18/2018 5:00 | 1062000 | 115.047 | 20.402 | 262.227 | 4826.404 | 5293.055 | 2.885 | 3.598 | 207.184 | 1 | 14.715 |
| 9/18/2018 5:15 | 1062900 | 115.06 | 20.39 | 262.257 | 4826.748 | 5292.808 | 2.886 | 3.599 | 207.179 | 1 | 14.719 |
| 9/18/2018 5:30 | 1063800 | 115.074 | 20.408 | 262.289 | 4825.509 | 5289.407 | 2.884 | 3.597 | 207.232 | 1 | 14.715 |
| 9/18/2018 5:45 | 1064700 | 115.095 | 20.403 | 262.338 | 4827.329 | 5292.031 | 2.886 | 3.599 | 207.154 | 1 | 14.71 |
| 9/18/2018 6:00 | 1065600 | 115.099 | 20.407 | 262.346 | 4827.121 | 5291.339 | 2.885 | 3.598 | 207.163 | 1 | 14.72 |
| 9/18/2018 6:15 | 1066500 | 115.123 | 20.385 | 262.4 | 4826.553 | 5293.079 | 2.886 | 3.599 | 207.187 | 1 | 14.716 |
| 9/18/2018 6:30 | 1067400 | 115.139 | 20.402 | 262.437 | 4825.887 | 5290.548 | 2.885 | 3.598 | 207.216 | 1 | 14.724 |
| 9/18/2018 6:45 | 1068300 | 115.153 | 20.389 | 262.47 | 4827.02 | 5293.194 | 2.886 | 3.599 | 207.167 | 1 | 14.725 |
| 9/18/2018 7:00 | 1069200 | 115.17 | 20.397 | 262.507 | 4826.732 | 5291.977 | 2.886 | 3.599 | 207.18 | 1 | 14.722 |
| 9/18/2018 7:15 | 1070100 | 115.181 | 20.377 | 262.533 | 4825.795 | 5293.177 | 2.886 | 3.599 | 207.22 | 1 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 115.17 | 20.401 | 262.509 | 4829.701 | 5294.836 | 2.887 | 3.6 | 207.052 | 1 | 14.725 |
| 9/18/2018 7:45 | 1071900 | 115.175 | 20.401 | 262.519 | 4828.911 | 5293.97 | 2.887 | 3.6 | 207.086 | 1 | 14.723 |
| 9/18/2018 8:00 | 1072800 | 115.154 | 20.407 | 262.472 | 4825.238 | 5292.843 | 2.886 | 3.599 | 207.102 | 1 | 14.724 |
| 9/18/2018 8:15 | 1073700 | 115.156 | 20.403 | 262.477 | 4828.927 | 5293.783 | 2.887 | 3.6 | 207.085 | 1 | 14.726 |
| 9/18/2018 8:30 | 1074600 | 115.149 | 20.402 | 262.46 | 4831.043 | 5296.2 | 2.888 | 3.601 | 206.995 | 1 | 14.724 |
| 9/18/2018 8:45 | 1075500 | 115.122 | 20.388 | 262.399 | 4828.015 | 5294.41 | 2.887 | 3.6 | 207.124 | 1 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 115.106 | 20.392 | 262.362 | 4827.627 | 5293.481 | 2.886 | 3.6 | 207.141 | 1 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 115.096 | 20.404 | 262.34 | 4831.595 | 5296.495 | 2.888 | 3.602 | 206.971 | 1 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 115.074 | 20.405 | 262.329 | 4832.285 | 5292.699 | 2.886 | 3.599 | 207.159 | 1 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 115.067 | 20.395 | 262.273 | 4830.186 | 5295.967 | 2.888 | 3.601 | 207.031 | 1 | 14.731 |
| 9/18/2018 10:00 | 1080000 | 115.043 | 20.381 | 262.217 | 4828.393 | 5295.562 | 2.888 | 3.601 | 207.108 | 1 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 115.036 | 20.4 | 262.203 | 4831.817 | 5297.195 | 2.889 | 3.602 | 206.961 | 1 | 14.73 |
| 9/18/2018 10:30 | 1081800 | 115.012 | 20.401 | 262.148 | 4829.703 | 5294.857 | 2.887 | 3.601 | 207.052 | 1 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 115.004 | 20.394 | 262.13 | 4829.187 | 5294.979 | 2.887 | 3.601 | 207.074 | 1 | 14.726 |
| 9/18/2018 11:00 | 1083600 | 114.99 | 20.407 | 262.106 | 4833.057 | 5296.951 | 2.889 | 3.602 | 206.959 | 1 | 14.725 |
| 9/18/2018 11:15 | 1084500 | 114.983 | 20.403 | 262.082 | 4833.869 | 5299.191 | 2.89 | 3.603 | 206.874 | 1 | 14.728 |
| 9/18/2018 11:30 | 1085400 | 114.972 | 20.387 | 262.057 | 4832.489 | 5299.405 | 2.89 | 3.604 | 206.933 | 1 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 114.943 | 20.38 | 261.99 | 4828.454 | 5295.717 | 2.888 | 3.601 | 207.106 | 1 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 114.929 | 20.382 | 261.958 | 4830.669 | 5297.713 | 2.889 | 3.602 | 207.019 | 1 | 14.722 |
| 9/18/2018 12:15 | 1088100 | 114.92 | 20.378 | 261.938 | 4830.892 | 5298.669 | 2.889 | 3.603 | 207.001 | 1 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 114.906 | 20.381 | 261.886 | 4833.047 | 5301.792 | 2.891 | 3.605 | 206.909 | 1 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 114.892 | 20.38 | 261.874 | 4830.328 | 5297.839 | 2.889 | 3.603 | 207.025 | 1 | 14.723 |
| 9/18/2018 13:00 | 1090800 | 114.88 | 20.372 | 261.848 | 4829.594 | 5297.925 | 2.889 | 3.603 | 207.057 | 1 | 14.721 |
| 9/18/2018 13:15 | 1091700 | 114.867 | 20.391 | 261.817 | 4831.833 | 5298.209 | 2.889 | 3.603 | 206.961 | 1 | 14.717 |
| 9/18/2018 13:30 | 1092600 | 114.862 | 20.373 | 261.806 | 4831.114 | 5299.469 | 2.89 | 3.604 | 206.992 | 1 | 14.713 |
| 9/18/2018 13:45 | 1093500 | 114.836 | 20.376 | 261.747 | 4831.423 | 5299.648 | 2.89 | 3.604 | 206.978 | 1 | 14.716 |
| 9/18/2018 14:00 | 1094400 | 114.826 | 20.383 | 261.723 | 4832.609 | 5299.843 | 2.89 | 3.604 | 206.928 | 1 | 14.709 |
| 9/18/2018 14:15 | 1095300 | 114.815 | 20.372 | 261.698 | 4833.971 | 5302.645 | 2.892 | 3.606 | 206.871 | 1 | 14.709 |
| 9/18/2018 14:30 | 1096200 | 114.822 | 20.376 | 261.716 | 4831.414 | 5299.458 | 2.89 | 3.604 | 206.979 | 1 | 14.703 |
| 9/18/2018 14:45 | 1097100 | 114.812 | 20.383 | 261.691 | 4835.429 | 5303.093 | 2.892 | 3.606 | 206.807 | 1 | 14.704 |
| 9/18/2018 15:00 | 1098000 | 114.805 | 20.383 | 261.677 | 4835.56 | 5303.247 | 2.892 | 3.606 | 206.801 | 1 | 14.702 |
| 9/18/2018 15:15 | 1098900 | 114.8 | 20.387 | 261.665 | 4834.127 | 5301.211 | 2.891 | 3.605 | 206.863 | 1 | 1 |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/19/2018 23:00 | 1213200 | 114.993 | 20.386 | 262.104 | 4868.544 | 5399.1 | 2.913 | 3.631 | 205.4 | 1 | 14.646 |
| 9/19/2018 23:15 | 1214100 | 115.008 | 20.388 | 262.139 | 4866.612 | 5336.774 | 2.912 | 3.629 | 205.482 | 1 | 14.651 |
| 9/19/2018 23:30 | 1215000 | 115.012 | 20.389 | 262.148 | 4866.189 | 5336.194 | 2.911 | 3.629 | 205.5 | 1 | 14.646 |
| 9/19/2018 23:45 | 1215900 | 115.005 | 20.391 | 262.132 | 4866.258 | 5336.016 | 2.911 | 3.628 | 205.497 | 1 | 14.648 |
| 9/20/2018 0:00 | 1216800 | 115.02 | 20.39 | 262.166 | 4869.721 | 5339.95 | 2.913 | 3.631 | 205.351 | 1 | 14.644 |
| 9/20/2018 0:15 | 1217700 | 115.019 | 20.39 | 262.164 | 4867.576 | 5337.521 | 2.912 | 3.63 | 205.441 | 1 | 14.644 |
| 9/20/2018 0:30 | 1218600 | 115.023 | 20.386 | 262.173 | 4865.934 | 5336.196 | 2.911 | 3.63 | 205.411 | 1 | 14.642 |
| 9/20/2018 0:45 | 1219500 | 115.021 | 20.385 | 262.168 | 4869.375 | 5340.118 | 2.914 | 3.631 | 205.365 | 1 | 14.644 |
| 9/20/2018 1:00 | 1220400 | 115.031 | 20.373 | 262.191 | 4865.329 | 5336.989 | 2.912 | 3.629 | 205.536 | 1 | 14.642 |
| 9/20/2018 1:15 | 1221300 | 115.041 | 20.39 | 262.214 | 4869.588 | 5339.756 | 2.913 | 3.631 | 205.356 | 1 | 14.64 |
| 9/20/2018 1:30 | 1222200 | 115.047 | 20.392 | 262.227 | 4871.337 | 5341.409 | 2.914 | 3.632 | 205.282 | 1 | 14.637 |
| 9/20/2018 1:45 | 1223100 | 115.06 | 20.394 | 262.258 | 4868.844 | 5338.51 | 2.914 | 3.63 | 205.388 | 1 | 14.64 |
| 9/20/2018 2:00 | 1224000 | 115.061 | 20.378 | 262.259 | 4868.968 | 5340.75 | 2.914 | 3.631 | 205.382 | 1 | 14.644 |
| 9/20/2018 2:15 | 1224900 | 115.061 | 20.382 | 262.26 | 4870.315 | 5341.599 | 2.914 | 3.632 | 205.326 | 1 | 14.647 |
| 9/20/2018 2:30 | 1225800 | 115.067 | 20.394 | 262.272 | 4869.883 | 5339.688 | 2.913 | 3.631 | 205.344 | 1 | 14.645 |
| 9/20/2018 2:45 | 1226700 | 115.074 | 20.39 | 262.288 | 4869.766 | 5339.96 | 2.913 | 3.631 | 205.349 | 1 | 14.645 |
| 9/20/2018 3:00 | 1227600 | 115.09 | 20.403 | 262.326 | 4873.246 | 5342.271 | 2.915 | 3.633 | 205.202 | 1 | 14.634 |
| 9/20/2018 3:15 | 1228500 | 115.108 | 20.379 | 262.367 | 4866.938 | 5338.099 | 2.912 | 3.63 | 205.468 | 1 | 14.641 |
| 9/20/2018 3:30 | 1229400 | 115.099 | 20.374 | 262.347 | 4870.207 | 5340.028 | 2.913 | 3.631 | 205.328 | 1 | 14.645 |
| 9/20/2018 3:45 | 1230300 | 115.133 | 20.388 | 262.423 | 4869.625 | 5340.011 | 2.913 | 3.631 | 205.355 | 1 | 14.64 |
| 9/20/2018 4:00 | 1231200 | 115.136 | 20.408 | 262.431 | 4873.688 | 5342.228 | 2.915 | 3.633 | 205.183 | 1 | 14.638 |
| 9/20/2018 4:15 | 1232100 | 115.15 | 20.405 | 262.462 | 4873.758 | 5342.657 | 2.915 | 3.633 | 205.18 | 1 | 14.635 |
| 9/20/2018 4:30 | 1233000 | 115.156 | 20.395 | 262.476 | 4870.453 | 5340.127 | 2.914 | 3.631 | 205.32 | 1 | 14.641 |
| 9/20/2018 4:45 | 1233900 | 115.179 | 20.396 | 262.529 | 4872.938 | 5342.803 | 2.915 | 3.633 | 205.215 | 1 | 14.64 |
| 9/20/2018 5:00 | 1234800 | 115.176 | 20.403 | 262.521 | 4871.449 | 5340.38 | 2.914 | 3.631 | 205.278 | 1 | 14.638 |
| 9/20/2018 5:15 | 1235700 | 115.184 | 20.397 | 262.539 | 4870.561 | 5340.04 | 2.913 | 3.631 | 205.315 | 1 | 14.638 |
| 9/20/2018 5:30 | 1236600 | 115.21 | 20.397 | 262.599 | 4872.454 | 5342.077 | 2.915 | 3.633 | 205.235 | 1 | 14.64 |
| 9/20/2018 5:45 | 1237500 | 115.199 | 20.393 | 262.573 | 4872.289 | 5342.335 | 2.915 | 3.633 | 205.242 | 1 | 14.646 |
| 9/20/2018 6:00 | 1238400 | 115.233 | 20.382 | 262.652 | 4872.458 | 5343.763 | 2.916 | 3.634 | 205.236 | 1 | 14.643 |
| 9/20/2018 6:15 | 1239300 | 115.23 | 20.403 | 262.644 | 4872.684 | 5341.704 | 2.914 | 3.632 | 205.225 | 1 | 14.645 |
| 9/20/2018 6:30 | 1240200 | 115.248 | 20.394 | 262.686 | 4874.897 | 5344.659 | 2.916 | 3.634 | 205.149 | 1 | 14.642 |
| 9/20/2018 6:45 | 1241100 | 115.257 | 20.392 | 262.705 | 4872.085 | 5342.308 | 2.915 | 3.633 | 205.251 | 1 | 14.647 |
| 9/20/2018 7:00 | 1242000 | 115.263 | 20.399 | 262.72 | 4871.729 | 5341.107 | 2.914 | 3.632 | 205.266 | 1 | 14.653 |
| 9/20/2018 7:15 | 1242900 | 115.277 | 20.41 | 262.751 | 4875.716 | 5344.216 | 2.916 | 3.634 | 205.098 | 1 | 14.652 |
| 9/20/2018 7:30 | 1243800 | 115.295 | 20.395 | 262.793 | 4871.89 | 5341.702 | 2.914 | 3.632 | 205.259 | 1 | 14.655 |
| 9/20/2018 7:45 | 1244700 | 115.301 | 20.4 | 262.806 | 4872.38 | 5342.205 | 2.915 | 3.633 | 205.219 | 1 | 14.661 |
| 9/20/2018 8:00 | 1245600 | 115.316 | 20.376 | 262.841 | 4870.205 | 5342.181 | 2.915 | 3.633 | 205.211 | 1 | 14.661 |
| 9/20/2018 8:15 | 1246500 | 115.308 | 20.389 | 262.823 | 4873.202 | 5345.005 | 2.916 | 3.635 | 205.202 | 1 | 14.663 |
| 9/20/2018 8:30 | 1247400 | 115.321 | 20.383 | 262.851 | 4871.985 | 5343.205 | 2.915 | 3.633 | 205.255 | 1 | 14.662 |
| 9/20/2018 8:45 | 1248300 | 115.322 | 20.384 | 262.855 | 4871.261 | 5342.313 | 2.915 | 3.633 | 205.286 | 1 | 14.666 |
| 9/20/2018 9:00 | 1249200 | 115.3 | 20.393 | 262.804 | 4875.453 | 5345.902 | 2.917 | 3.635 | 205.109 | 1 | 14.665 |
| 9/20/2018 9:15 | 1250100 | 115.307 | 20.398 | 262.821 | 4871.77 | 5341.269 | 2.914 | 3.632 | 205.264 | 1 | 14.666 |
| 9/20/2018 9:30 | 1251000 | 115.31 | 20.393 | 262.826 | 4873.587 | 5343.798 | 2.916 | 3.634 | 205.188 | 1 | 14.664 |
| 9/20/2018 9:45 | 1251900 | 115.327 | 20.399 | 262.875 | 4873.553 | 5343.097 | 2.915 | 3.634 | 205.189 | 1 | 14.66 |
| 9/20/2018 10:00 | 1252800 | 115.278 | 20.394 | 262.754 | 4873.499 | 5343.575 | 2.916 | 3.634 | 205.191 | 1 | 14.667 |
| 9/20/2018 10:15 | 1253700 | 115.271 | 20.377 | 262.738 | 4872.279 | 5344.144 | 2.916 | 3.634 | 205.243 | 1 | 14.668 |
| 9/20/2018 10:30 | 1254600 | 115.252 | 20.385 | 262.695 | 4874.454 | 5345.706 | 2.917 | 3.635 | 205.151 | 1 | 14.668 |
| 9/20/2018 10:45 | 1255500 | 115.245 | 20.384 | 262.679 | 4874.083 | 5345.321 | 2.917 | 3.635 | 205.167 | 1 | 14.671 |
| 9/20/2018 11:00 | 1256400 | 115.232 | 20.389 | 262.649 | 4872.874 | 5343.515 | 2.915 | 3.634 | 205.218 | 1 | 14.669 |
| 9/20/2018 11:15 | 1257300 | 115.212 | 20.381 | 262.603 | 4873.666 | 5344.527 | 2.916 | 3.634 | 205.21 | 1 | 14.671 |
| 9/20/2018 11:30 | 1258200 | 115.211 | 20.389 | 262.602 | 4876.055 | 5346.925 | 2.917 | 3.636 | 205.084 | 1 | 14.662 |
| 9/20/2018 11:45 | 1259100 | 115.203 | 20.394 | 262.583 | 4876.075 | 5346.409 | 2.917 | 3.636 | 205.083 | 1 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 115.189 | 20.388 | 262.551 | 4877.143 | 5348.313 | 2.918 | 3.637 | 205.038 | 1 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 115.18 | 20.393 | 262.531 | 4874.506 | 5344.864 | 2.916 | 3.635 | 205.149 | 1 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 115.17 | 20.386 | 262.508 | 4875.453 | 5346.607 | 2.917 | 3.636 | 205.109 | 1 | 14.669 |
| 9/20/2018 12:45 | 1262700 | 115.161 | 20.377 | 262.488 | 4874.054 | 5346.903 | 2.917 | 3.636 | 205.168 | 1 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 115.133 | 20.385 | 262.424 | 4878.142 | 5349.645 | 2.919 | 3.638 | 204.996 | 1 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 115.131 | 20.381 | 262.42 | 4873.574 | 5345.193 | 2.916 | 3.635 | 205.188 | 1 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 115.131 | 20.398 | 262.42 | 4875.672 | 5345.488 | 2.917 | 3.635 | 205.1 | 1 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 115.127 | 20.391 | 262.411 | 4875.609 | 5346.241 | 2.917 | 3.635 | 205.103 | 1 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 115.113 | 20.394 | 262.378 | 4875.734 | 5346.005 | 2.917 | 3.635 | 205.097 | 1 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 115.119 | 20.387 | 262.375 | 4874.74 | 5346.215 | 2.917 | 3.635 | 205.187 | 1 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 115.115 | 20.396 | 262.382 | 4875.671 | 5345.811 | 2.917 | 3.635 | 205.1 | 1 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 115.098 | 20.397 | 262.344 | 4875.716 | 5345.722 | 2.917 | 3.635 | 205.098 | 1 | 14.664 |
| 9/20/2018 15:00 | 1270800 | 115.09 | 20.371 | 262.327 | 4872.95 | 5345.535 | 2.917 | 3.635 | 205.215 | 1 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 115.079 | 20.397 | 262.3 | 4879.514 | 5349.896 | 2.919 | 3.638 | 204.938 | 1 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 115.081 | 20.385 | 262.304 | 4876.953 | 5348.341 | 2.918 | 3.637 | 205.046 | 1 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 115.069 | 20.381 | 262.285 | 4875.311 | 5346.021 | 2.918 | 3.637 | 205.08 | 1 | 14.658 |
| 9/20/2018 16:00 | 1274400 | 115.054 | 20.392 | 262.242 | 4877.108 | 5347.825 | 2.918 | 3.637 | 205.04 | 1 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 115.045 | 20.389 | 262.222 | 4879.358 | 5350.616 | 2.92 | 3.638 | 204.945 | 1 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 115.032 | 20.399 | 262.194 | 4879.438 | 5349.578 | 2.919 | 3.638 | 204.942 | 1 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 115.032 | 20.393 | 262.193 | 4876.871 | 5347.448 | 2.918 | 3.636 | 205.049 | 1 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 115.023 | 20.389 | 262.174 | 4880.332 | 5351.703 | 2.92 | 3.639 | 204.904 | 1 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 115.02 | 20.387 | 262.166 | 4878.36 | 5351.019 | 2.92 | 3.639 | 204.977 | 1 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 115.014 | 20.377 | 262.152 | 4878.221 | 5350.652 | 2.92 | 3.638 | 204.993 | 1 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 115.011 | 20.371 | 262.145 | 4878.069 | 5351.16 | 2.92 | 3.639 | 204.999 | 1 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 115.009 | 20.371 | 262.141 | 4878.229 | 5351.315 | 2.92 | 3.639 | 204.992 | 1 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 115.011 | 20.394 | 262.145 | 4883.05 | 5354.058 | 2.922 | 3.641 | 204.79 | 1 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 114.993 | 20.388 | 262.104 | 4881.729 | 5353.265 | 2.921 | 3.64 | 204.845 | 1 | 14.66 |
| 9/20/2018 18:45 | 1284300 | 114.985 | 20.381 | 262.09 | 4878.73 | 5350.75 | 2.92 | 3.64 | 204.971 | 1 | 14.661 |
| 9/20/2018 19:00 | 1285200 | 115.005 | 20.377 | 262.132 | 4878.74 | 5351.354 | 2.92 | 3.639 | 204.995 | 1 | 14.658 |
| 9/20/2018 19:15 | 1286100 | 114.985 | 20.394 | 262.086 | 4882.485 | 5353.457 | 2.921 | 3.64 | 204.814 | 1 | 14.663 |
| 9/20/2018 19:30 | 1287000 | 114.981 | 20.384 | 262.077 | 4878.749 | 5350.525 | 2.92 | 3.638 | 204.971 | 1 | 14.664 |
| 9/20/2018 19:45 | 1287900 | 114.973 | 20.375 | 262.059 | 4881.411 | 5354.434 | 2.922 | 3.641 | 204.859 | 1 | 14.658 |
| 9/20/2018 20:00 | 1288800 | 114.965 | 20.383 | 262.041 | 4879.226 | 5351.167 | 2.92 | 3.639 | 204.9 | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/22/2018 3:45 | 1403100 | 115.192 | 20.403 | 262.557 | 4863.56 | 5331.711 | 2.909 | 3.626 | 205.611 | 1 | 14.719 |
| 9/22/2018 4:00 | 1404000 | 115.206 | 20.396 | 262.59 | 4864.023 | 5332.961 | 2.909 | 3.626 | 205.591 | 1 | 14.715 |
| 9/22/2018 4:15 | 1404900 | 115.202 | 20.399 | 262.581 | 4860.431 | 5328.739 | 2.907 | 3.624 | 205.743 | 1 | 14.719 |
| 9/22/2018 4:30 | 1405800 | 115.226 | 20.4 | 262.635 | 4862.066 | 5330.347 | 2.908 | 3.625 | 205.674 | 1 | 14.708 |
| 9/22/2018 4:45 | 1406700 | 115.227 | 20.389 | 262.638 | 4861.559 | 5331.078 | 2.908 | 3.625 | 205.695 | 1 | 14.723 |
| 9/22/2018 5:00 | 1407600 | 115.228 | 20.379 | 262.64 | 4860.347 | 5330.812 | 2.908 | 3.625 | 205.747 | 1 | 14.718 |
| 9/22/2018 5:15 | 1408500 | 115.24 | 20.387 | 262.667 | 4863.758 | 5332.598 | 2.909 | 3.626 | 205.602 | 1 | 14.721 |
| 9/22/2018 5:30 | 1409400 | 115.256 | 20.383 | 262.703 | 4862.314 | 5332.53 | 2.909 | 3.626 | 205.663 | 1 | 14.716 |
| 9/22/2018 5:45 | 1410300 | 115.267 | 20.398 | 262.729 | 4862.494 | 5331.088 | 2.908 | 3.625 | 205.666 | 1 | 14.715 |
| 9/22/2018 6:00 | 1411200 | 115.277 | 20.394 | 262.751 | 4860.563 | 5329.372 | 2.907 | 3.624 | 205.737 | 1 | 14.715 |
| 9/22/2018 6:15 | 1412100 | 115.289 | 20.388 | 262.778 | 4861.217 | 5330.848 | 2.908 | 3.625 | 205.71 | 1 | 14.717 |
| 9/22/2018 6:30 | 1413000 | 115.286 | 20.398 | 262.772 | 4861.591 | 5330.138 | 2.908 | 3.624 | 205.694 | 1 | 14.72 |
| 9/22/2018 6:45 | 1413900 | 115.302 | 20.391 | 262.801 | 4860.745 | 5329.87 | 2.908 | 3.624 | 205.73 | 1 | 14.721 |
| 9/22/2018 7:00 | 1414800 | 115.308 | 20.4 | 262.824 | 4863.482 | 5331.977 | 2.909 | 3.626 | 205.614 | 1 | 14.72 |
| 9/22/2018 7:15 | 1415700 | 115.321 | 20.408 | 262.852 | 4864.825 | 5332.522 | 2.909 | 3.626 | 205.557 | 1 | 14.717 |
| 9/22/2018 7:30 | 1416600 | 115.317 | 20.383 | 262.842 | 4858.02 | 5327.841 | 2.906 | 3.623 | 205.845 | 1 | 14.726 |
| 9/22/2018 7:45 | 1417500 | 115.299 | 20.402 | 262.803 | 4862.701 | 5330.906 | 2.908 | 3.625 | 205.647 | 1 | 14.72 |
| 9/22/2018 8:00 | 1418400 | 115.284 | 20.396 | 262.767 | 4862.514 | 5331.297 | 2.908 | 3.625 | 205.655 | 1 | 14.721 |
| 9/22/2018 8:15 | 1419300 | 115.271 | 20.394 | 262.759 | 4862.528 | 5332.528 | 2.909 | 3.626 | 205.618 | 1 | 14.733 |
| 9/22/2018 8:30 | 1420200 | 115.256 | 20.397 | 262.703 | 4863.957 | 5332.79 | 2.909 | 3.626 | 205.594 | 1 | 14.722 |
| 9/22/2018 8:45 | 1421100 | 115.257 | 20.392 | 262.706 | 4860.645 | 5329.704 | 2.907 | 3.624 | 205.734 | 1 | 14.725 |
| 9/22/2018 9:00 | 1422000 | 115.236 | 20.379 | 262.659 | 4860.461 | 5330.996 | 2.908 | 3.625 | 205.742 | 1 | 14.726 |
| 9/22/2018 9:15 | 1422900 | 115.232 | 20.387 | 262.648 | 4863.952 | 5333.868 | 2.91 | 3.627 | 205.594 | 1 | 14.728 |
| 9/22/2018 9:30 | 1423800 | 115.196 | 20.382 | 262.568 | 4860.781 | 5330.986 | 2.908 | 3.625 | 205.728 | 1 | 14.732 |
| 9/22/2018 9:45 | 1424700 | 115.196 | 20.391 | 262.567 | 4863.389 | 5332.802 | 2.909 | 3.626 | 205.618 | 1 | 14.73 |
| 9/22/2018 10:00 | 1425600 | 115.166 | 20.378 | 262.498 | 4860.262 | 5330.895 | 2.908 | 3.625 | 205.75 | 1 | 14.735 |
| 9/22/2018 10:15 | 1426500 | 115.141 | 20.395 | 262.442 | 4863.684 | 5332.744 | 2.909 | 3.626 | 205.605 | 1 | 14.736 |
| 9/22/2018 10:30 | 1427400 | 115.126 | 20.384 | 262.407 | 4861.157 | 5331.135 | 2.908 | 3.625 | 205.712 | 1 | 14.732 |
| 9/22/2018 10:45 | 1428300 | 115.102 | 20.388 | 262.352 | 4860.82 | 5330.366 | 2.908 | 3.625 | 205.727 | 1 | 14.737 |
| 9/22/2018 11:00 | 1429200 | 115.075 | 20.393 | 262.29 | 4863.055 | 5332.26 | 2.909 | 3.626 | 205.632 | 1 | 14.732 |
| 9/22/2018 11:15 | 1430100 | 115.052 | 20.394 | 262.239 | 4865.654 | 5335.023 | 2.911 | 3.628 | 205.522 | 1 | 14.733 |
| 9/22/2018 11:30 | 1431000 | 115.047 | 20.394 | 262.227 | 4863.731 | 5332.855 | 2.909 | 3.626 | 205.603 | 1 | 14.731 |
| 9/22/2018 11:45 | 1431900 | 115.018 | 20.39 | 262.161 | 4862.719 | 5332.205 | 2.909 | 3.626 | 205.646 | 1 | 14.733 |
| 9/22/2018 12:00 | 1432800 | 115.02 | 20.38 | 262.165 | 4859.354 | 5329.675 | 2.907 | 3.624 | 205.789 | 1 | 14.732 |
| 9/22/2018 12:15 | 1433700 | 115.003 | 20.383 | 262.127 | 4864.306 | 5334.715 | 2.91 | 3.628 | 205.579 | 1 | 14.731 |
| 9/22/2018 12:30 | 1434600 | 114.988 | 20.39 | 262.092 | 4862.261 | 5331.73 | 2.909 | 3.626 | 205.666 | 1 | 14.734 |
| 9/22/2018 12:45 | 1435500 | 114.97 | 20.39 | 262.052 | 4863.894 | 5333.461 | 2.91 | 3.627 | 205.597 | 1 | 14.733 |
| 9/22/2018 13:00 | 1436400 | 114.976 | 20.383 | 262.066 | 4864.235 | 5334.618 | 2.91 | 3.628 | 205.582 | 1 | 14.722 |
| 9/22/2018 13:15 | 1437300 | 114.949 | 20.405 | 262.003 | 4862.538 | 5330.367 | 2.908 | 3.625 | 205.654 | 1 | 14.73 |
| 9/22/2018 13:30 | 1438200 | 114.947 | 20.382 | 262.001 | 4861.665 | 5331.983 | 2.909 | 3.626 | 205.691 | 1 | 14.726 |
| 9/22/2018 13:45 | 1439100 | 114.944 | 20.399 | 261.993 | 4865.772 | 5334.545 | 2.91 | 3.627 | 205.517 | 1 | 14.721 |
| 9/22/2018 14:00 | 1440000 | 114.927 | 20.392 | 261.953 | 4865.331 | 5334.911 | 2.91 | 3.628 | 205.536 | 1 | 14.721 |
| 9/22/2018 14:15 | 1440900 | 114.911 | 20.393 | 261.917 | 4862.782 | 5331.921 | 2.909 | 3.626 | 205.644 | 1 | 14.717 |
| 9/22/2018 14:30 | 1441800 | 114.896 | 20.381 | 261.886 | 4865.232 | 5335.673 | 2.911 | 3.628 | 205.54 | 1 | 14.706 |
| 9/22/2018 14:45 | 1442700 | 114.889 | 20.388 | 261.868 | 4864.315 | 5334.16 | 2.91 | 3.627 | 205.579 | 1 | 14.715 |
| 9/22/2018 15:00 | 1443600 | 114.874 | 20.391 | 261.834 | 4864.416 | 5334.016 | 2.91 | 3.627 | 205.575 | 1 | 14.714 |
| 9/22/2018 15:15 | 1444500 | 114.865 | 20.398 | 261.814 | 4867.414 | 5336.464 | 2.911 | 3.629 | 205.448 | 1 | 14.713 |
| 9/22/2018 15:30 | 1445400 | 114.847 | 20.387 | 261.773 | 4862.698 | 5332.591 | 2.909 | 3.626 | 205.647 | 1 | 14.712 |
| 9/22/2018 15:45 | 1446300 | 114.843 | 20.395 | 261.763 | 4865.081 | 5334.247 | 2.91 | 3.627 | 205.546 | 1 | 14.711 |
| 9/22/2018 16:00 | 1447200 | 114.853 | 20.388 | 261.786 | 4864.425 | 5334.219 | 2.91 | 3.627 | 205.574 | 1 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 114.831 | 20.398 | 261.736 | 4864.651 | 5333.483 | 2.91 | 3.627 | 205.565 | 1 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 114.834 | 20.385 | 261.743 | 4864.218 | 5334.384 | 2.91 | 3.627 | 205.583 | 1 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 114.819 | 20.38 | 261.708 | 4864.282 | 5335.061 | 2.911 | 3.628 | 205.58 | 1 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 114.828 | 20.395 | 261.729 | 4866.291 | 5335.603 | 2.911 | 3.628 | 205.495 | 1 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 114.835 | 20.392 | 261.743 | 4866.028 | 5335.598 | 2.911 | 3.628 | 205.506 | 1 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 114.816 | 20.39 | 261.701 | 4862.503 | 5331.556 | 2.909 | 3.626 | 205.655 | 1 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 114.812 | 20.401 | 261.692 | 4865.927 | 5334.461 | 2.91 | 3.627 | 205.511 | 1 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 114.814 | 20.389 | 261.697 | 4866.74 | 5336.75 | 2.912 | 3.629 | 205.476 | 1 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 114.818 | 20.396 | 261.705 | 4867.805 | 5337.098 | 2.912 | 3.629 | 205.431 | 1 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 114.811 | 20.386 | 261.69 | 4863.813 | 5333.853 | 2.91 | 3.627 | 205.6 | 1 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 114.819 | 20.384 | 261.708 | 4864.148 | 5334.513 | 2.91 | 3.627 | 205.586 | 1 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 114.808 | 20.393 | 261.683 | 4865.76 | 5334.696 | 2.91 | 3.628 | 205.538 | 1 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 114.813 | 20.404 | 261.693 | 4868.029 | 5336.455 | 2.911 | 3.629 | 205.422 | 1 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 114.806 | 20.392 | 261.679 | 4866.655 | 5336.304 | 2.911 | 3.629 | 205.48 | 1 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 114.82 | 20.392 | 261.71 | 4866.783 | 5336.435 | 2.911 | 3.629 | 205.475 | 1 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 114.811 | 20.391 | 261.69 | 4865.31 | 5334.909 | 2.91 | 3.628 | 205.537 | 1 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 114.824 | 20.388 | 261.719 | 4863.118 | 5332.914 | 2.909 | 3.626 | 205.629 | 1 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 114.825 | 20.393 | 261.723 | 4863.723 | 5333.843 | 2.91 | 3.627 | 205.614 | 1 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 114.83 | 20.389 | 261.733 | 4863.816 | 5333.523 | 2.91 | 3.627 | 205.6 | 1 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 114.832 | 20.386 | 261.737 | 4863.953 | 5334.024 | 2.91 | 3.627 | 205.594 | 1 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 114.848 | 20.395 | 261.774 | 4866.35 | 5335.6 | 2.911 | 3.628 | 205.493 | 1 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 114.855 | 20.389 | 261.79 | 4863.804 | 5333.53 | 2.91 | 3.627 | 205.62 | 1 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 114.876 | 20.383 | 261.837 | 4863.205 | 5333.585 | 2.91 | 3.627 | 205.626 | 1 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 114.867 | 20.397 | 261.867 | 4865.86 | 5334.76 | 2.91 | 3.628 | 205.514 | 1 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 114.872 | 20.387 | 261.829 | 4865.099 | 5335.213 | 2.911 | 3.628 | 205.546 | 1 | 14.694 |
| 9/22/2018 22:30 | 1470600 | 114.878 | 20.409 | 261.842 | 4869.683 | 5337.702 | 2.912 | 3.63 | 205.352 | 1 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 114.883 | 20.399 | 261.854 | 4867.318 | 5336.31 | 2.911 | 3.629 | 205.452 | 1 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 114.897 | 20.386 | 261.886 | 4863.778 | 5333.864 | 2.91 | 3.627 | 205.601 | 1 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 114.908 | 20.403 | 261.911 | 4865.996 | 5334.421 | 2.91 | 3.628 | 205.508 | 1 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 114.927 | 20.397 | 261.961 | 4865.772 | 5334.811 | 2.91 | 3.627 | 205.517 | 1 | 14.691 |
| 9/22/2018 23:45 | 1475100 | 114.942 | 20.396 | 261.988 | 4864.986 | 5334.085 | 2.91 | 3.627 | 205.55 | 1 | 14.694 |
| 9/23/2018 0:00 | 1476000 | 114.946 | 20.392 | 261.998 | 4865.729 | 5335.31 | 2.911 | 3.628 | 205.519 | 1 | 14.695 |
| 9/23/2018 0:15 | 1476900 | 114.955 | 20.385 | 262.018 | 4869.087 | 5339.783 | 2.913 | 3.631 | 205.377 | 1 | 14.697 |
| 9/23/2018 0:30 | 1477800 | 114.958 | 20.403 | 262.025 | 4869.083 | 5337.718 | 2.912 | 3.63 | 205.377 | 1 | 14.693 |
| 9/23/2018 0:45 | 1478700 | 114.966 | 20.406 | 262.042 | 4868.826 | 5337.152 | 2.912 | 3.629 | 2 | | |

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|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/24/2018 8:30 | 1593000 | 115.829 | 20.391 | 264.01 | 4886.544 | 5358.232 | 2.924 | 3.644 | 204.644 | 1 | 14.671 |
| 9/24/2018 8:45 | 1593900 | 115.836 | 20.395 | 264.027 | 4888.122 | 5359.56 | 2.925 | 3.645 | 204.578 | 1 | 14.664 |
| 9/24/2018 9:00 | 1594800 | 115.824 | 20.398 | 263.999 | 4887.93 | 5358.975 | 2.924 | 3.644 | 204.586 | 1 | 14.676 |
| 9/24/2018 9:15 | 1595700 | 115.779 | 20.389 | 263.895 | 4887.899 | 5359.973 | 2.925 | 3.645 | 204.587 | 1 | 14.675 |
| 9/24/2018 9:30 | 1596600 | 115.767 | 20.396 | 263.87 | 4889.764 | 5361.203 | 2.926 | 3.646 | 204.509 | 1 | 14.675 |
| 9/24/2018 9:45 | 1597500 | 115.753 | 20.397 | 263.837 | 4889.11 | 5360.426 | 2.925 | 3.645 | 204.536 | 1 | 14.681 |
| 9/24/2018 10:00 | 1598400 | 115.754 | 20.396 | 263.859 | 4889.76 | 5360.836 | 2.925 | 3.645 | 204.525 | 1 | 14.682 |
| 9/24/2018 10:15 | 1599300 | 115.726 | 20.394 | 263.774 | 4886.892 | 5358.309 | 2.924 | 3.644 | 204.629 | 1 | 14.682 |
| 9/24/2018 10:30 | 1600200 | 115.718 | 20.401 | 263.757 | 4888.423 | 5359.204 | 2.925 | 3.644 | 204.565 | 1 | 14.681 |
| 9/24/2018 10:45 | 1601100 | 115.705 | 20.395 | 263.728 | 4887.884 | 5359.219 | 2.925 | 3.644 | 204.588 | 1 | 14.681 |
| 9/24/2018 11:00 | 1602000 | 115.692 | 20.373 | 263.697 | 4886.435 | 5360.102 | 2.925 | 3.645 | 204.648 | 1 | 14.689 |
| 9/24/2018 11:15 | 1602900 | 115.666 | 20.385 | 263.617 | 4890.512 | 5363.289 | 2.927 | 3.647 | 204.478 | 1 | 14.681 |
| 9/24/2018 11:30 | 1603800 | 115.633 | 20.381 | 263.543 | 4886.084 | 5359.482 | 2.925 | 3.644 | 204.638 | 1 | 14.675 |
| 9/24/2018 11:45 | 1604700 | 115.617 | 20.373 | 263.527 | 4885.194 | 5358.831 | 2.924 | 3.644 | 204.7 | 1 | 14.68 |
| 9/24/2018 12:00 | 1605600 | 115.623 | 20.39 | 263.54 | 4888.514 | 5360.548 | 2.925 | 3.645 | 204.561 | 1 | 14.68 |
| 9/24/2018 12:15 | 1606500 | 115.612 | 20.39 | 263.516 | 4889.091 | 5361.102 | 2.926 | 3.646 | 204.537 | 1 | 14.682 |
| 9/24/2018 12:30 | 1607400 | 115.597 | 20.386 | 263.481 | 4889.161 | 5361.65 | 2.926 | 3.646 | 204.534 | 1 | 14.684 |
| 9/24/2018 12:45 | 1608300 | 115.597 | 20.392 | 263.482 | 4888.16 | 5359.905 | 2.925 | 3.645 | 204.576 | 1 | 14.683 |
| 9/24/2018 13:00 | 1609200 | 115.578 | 20.39 | 263.29 | 4888.979 | 5360.949 | 2.926 | 3.645 | 204.546 | 1 | 14.677 |
| 9/24/2018 13:15 | 1610100 | 115.587 | 20.4 | 263.459 | 4892.008 | 5363.211 | 2.927 | 3.647 | 204.415 | 1 | 14.671 |
| 9/24/2018 13:30 | 1611000 | 115.578 | 20.398 | 263.438 | 4889.081 | 5360.228 | 2.925 | 3.645 | 204.537 | 1 | 14.677 |
| 9/24/2018 13:45 | 1611900 | 115.528 | 20.404 | 263.324 | 4889.715 | 5360.297 | 2.925 | 3.645 | 204.511 | 1 | 14.68 |
| 9/24/2018 14:00 | 1612800 | 115.516 | 20.389 | 263.297 | 4888.901 | 5361.022 | 2.926 | 3.645 | 204.545 | 1 | 14.672 |
| 9/24/2018 14:15 | 1613700 | 115.497 | 20.395 | 263.252 | 4892.052 | 5363.78 | 2.927 | 3.647 | 204.413 | 1 | 14.676 |
| 9/24/2018 14:30 | 1614600 | 115.462 | 20.388 | 263.173 | 4887.978 | 5360.098 | 2.925 | 3.645 | 204.584 | 1 | 14.675 |
| 9/24/2018 14:45 | 1615500 | 115.459 | 20.374 | 263.166 | 4887.46 | 5361.158 | 2.926 | 3.646 | 204.605 | 1 | 14.668 |
| 9/24/2018 15:00 | 1616400 | 115.425 | 20.373 | 263.089 | 4888.962 | 5362.866 | 2.927 | 3.647 | 204.542 | 1 | 14.673 |
| 9/24/2018 15:15 | 1617300 | 115.413 | 20.391 | 263.062 | 4892.78 | 5365.118 | 2.928 | 3.648 | 204.383 | 1 | 14.669 |
| 9/24/2018 15:30 | 1618200 | 115.391 | 20.388 | 263.011 | 4889.412 | 5361.749 | 2.926 | 3.646 | 204.524 | 1 | 14.665 |
| 9/24/2018 15:45 | 1619100 | 115.376 | 20.388 | 262.977 | 4890.291 | 5362.645 | 2.927 | 3.647 | 204.487 | 1 | 14.67 |
| 9/24/2018 16:00 | 1620000 | 115.359 | 20.408 | 262.959 | 4894.381 | 5364.909 | 2.928 | 3.648 | 204.316 | 1 | 14.674 |
| 9/24/2018 16:15 | 1620900 | 115.355 | 20.388 | 262.93 | 4889.067 | 5361.332 | 2.926 | 3.646 | 204.538 | 1 | 14.669 |
| 9/24/2018 16:30 | 1621800 | 115.328 | 20.389 | 262.868 | 4890.372 | 5362.712 | 2.927 | 3.647 | 204.483 | 1 | 14.673 |
| 9/24/2018 16:45 | 1622700 | 115.316 | 20.391 | 262.84 | 4893.314 | 5365.665 | 2.928 | 3.649 | 204.36 | 1 | 14.668 |
| 9/24/2018 17:00 | 1623600 | 115.31 | 20.394 | 262.826 | 4889.895 | 5361.591 | 2.926 | 3.646 | 204.503 | 1 | 14.665 |
| 9/24/2018 17:15 | 1624500 | 115.303 | 20.39 | 262.811 | 4889.543 | 5361.686 | 2.926 | 3.646 | 204.518 | 1 | 14.662 |
| 9/24/2018 17:30 | 1625400 | 115.294 | 20.412 | 262.794 | 4892.918 | 5362.885 | 2.927 | 3.647 | 204.377 | 1 | 14.668 |
| 9/24/2018 17:45 | 1626300 | 115.273 | 20.403 | 262.773 | 4893.851 | 5364.015 | 2.927 | 3.648 | 204.328 | 1 | 14.667 |
| 9/24/2018 18:00 | 1627200 | 115.27 | 20.396 | 262.737 | 4892.214 | 5363.899 | 2.927 | 3.647 | 204.406 | 1 | 14.666 |
| 9/24/2018 18:15 | 1628100 | 115.263 | 20.396 | 262.72 | 4890.255 | 5361.742 | 2.926 | 3.646 | 204.488 | 1 | 14.667 |
| 9/24/2018 18:30 | 1629000 | 115.265 | 20.386 | 262.724 | 4892.597 | 5365.437 | 2.928 | 3.648 | 204.39 | 1 | 14.668 |
| 9/24/2018 18:45 | 1629900 | 115.259 | 20.385 | 262.71 | 4890.485 | 5363.201 | 2.927 | 3.647 | 204.479 | 1 | 14.665 |
| 9/24/2018 19:00 | 1630800 | 115.245 | 20.408 | 262.68 | 4893.308 | 5363.714 | 2.927 | 3.647 | 204.361 | 1 | 14.668 |
| 9/24/2018 19:15 | 1631700 | 115.233 | 20.397 | 262.584 | 4893.264 | 5362.054 | 2.926 | 3.646 | 204.489 | 1 | 14.67 |
| 9/24/2018 19:30 | 1632600 | 115.181 | 20.391 | 262.533 | 4894.203 | 5366.668 | 2.929 | 3.649 | 204.323 | 1 | 14.666 |
| 9/24/2018 19:45 | 1633500 | 115.138 | 20.394 | 262.435 | 4891.967 | 5363.873 | 2.927 | 3.647 | 204.417 | 1 | 14.668 |
| 9/24/2018 20:00 | 1634400 | 115.122 | 20.411 | 262.399 | 4894.134 | 5364.345 | 2.928 | 3.648 | 204.326 | 1 | 14.67 |
| 9/24/2018 20:15 | 1635300 | 115.118 | 20.402 | 262.39 | 4892.908 | 5363.942 | 2.927 | 3.647 | 204.377 | 1 | 14.671 |
| 9/24/2018 20:30 | 1636200 | 115.117 | 20.387 | 262.432 | 4889.524 | 5361.999 | 2.926 | 3.646 | 204.519 | 1 | 14.67 |
| 9/24/2018 20:45 | 1637100 | 115.126 | 20.406 | 262.431 | 4894.65 | 5365.451 | 2.928 | 3.649 | 204.305 | 1 | 14.681 |
| 9/24/2018 21:00 | 1638000 | 115.164 | 20.396 | 262.494 | 4891.414 | 5363.042 | 2.927 | 3.647 | 204.44 | 1 | 14.675 |
| 9/24/2018 21:15 | 1638900 | 115.169 | 20.39 | 262.505 | 4892.211 | 5364.544 | 2.928 | 3.648 | 204.407 | 1 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 115.157 | 20.4 | 262.478 | 4892.834 | 5364.127 | 2.927 | 3.648 | 204.381 | 1 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 115.14 | 20.414 | 262.439 | 4894.992 | 5364.874 | 2.928 | 3.648 | 204.29 | 1 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 115.12 | 20.419 | 262.394 | 4895.025 | 5364.419 | 2.928 | 3.648 | 204.289 | 1 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 115.11 | 20.405 | 262.371 | 4894.14 | 5365.029 | 2.928 | 3.648 | 204.326 | 1 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 115.103 | 20.416 | 262.355 | 4895.709 | 5365.493 | 2.928 | 3.649 | 204.26 | 1 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 115.098 | 20.406 | 262.344 | 4895.254 | 5366.083 | 2.929 | 3.649 | 204.279 | 1 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 115.098 | 20.415 | 262.344 | 4896.328 | 5366.309 | 2.929 | 3.649 | 204.235 | 1 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 115.106 | 20.395 | 262.361 | 4894.491 | 5366.455 | 2.929 | 3.649 | 204.311 | 1 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 115.106 | 20.402 | 262.362 | 4895.07 | 5366.392 | 2.929 | 3.649 | 204.287 | 1 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 115.132 | 20.407 | 262.322 | 4894.48 | 5366.14 | 2.928 | 3.648 | 204.317 | 1 | 14.691 |
| 9/25/2018 0:00 | 1648800 | 115.123 | 20.391 | 262.401 | 4892.13 | 5364.415 | 2.928 | 3.648 | 204.41 | 1 | 14.688 |
| 9/25/2018 0:15 | 1649700 | 115.118 | 20.381 | 262.389 | 4891.196 | 5364.51 | 2.928 | 3.648 | 204.449 | 1 | 14.689 |
| 9/25/2018 0:30 | 1650600 | 115.084 | 20.395 | 262.313 | 4893.712 | 5365.639 | 2.928 | 3.649 | 204.344 | 1 | 14.688 |
| 9/25/2018 0:45 | 1651500 | 115.061 | 20.407 | 262.259 | 4894.376 | 5365.002 | 2.928 | 3.648 | 204.316 | 1 | 14.686 |
| 9/25/2018 1:00 | 1652400 | 115.049 | 20.396 | 262.232 | 4895.57 | 5367.599 | 2.929 | 3.65 | 204.266 | 1 | 14.691 |
| 9/25/2018 1:15 | 1653300 | 115.065 | 20.395 | 262.271 | 4893.786 | 5365.347 | 2.928 | 3.648 | 204.341 | 1 | 14.688 |
| 9/25/2018 1:30 | 1654200 | 115.071 | 20.386 | 262.281 | 4892.631 | 5365.515 | 2.928 | 3.649 | 204.389 | 1 | 14.688 |
| 9/25/2018 1:45 | 1655100 | 115.079 | 20.401 | 262.301 | 4896.151 | 5367.626 | 2.93 | 3.65 | 204.242 | 1 | 14.69 |
| 9/25/2018 2:00 | 1656000 | 115.074 | 20.414 | 262.29 | 4897.8 | 5368 | 2.93 | 3.65 | 204.173 | 1 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 115.09 | 20.393 | 262.325 | 4893.276 | 5365.387 | 2.928 | 3.648 | 204.362 | 1 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 115.102 | 20.386 | 262.353 | 4893.133 | 5366.025 | 2.929 | 3.649 | 204.368 | 1 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 115.095 | 20.411 | 262.355 | 4897.4 | 5367.866 | 2.93 | 3.65 | 204.19 | 1 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 115.095 | 20.399 | 262.336 | 4894.192 | 5365.725 | 2.928 | 3.649 | 204.324 | 1 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 115.108 | 20.401 | 262.367 | 4894.192 | 5365.538 | 2.928 | 3.649 | 204.324 | 1 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 115.125 | 20.407 | 262.405 | 4894.691 | 5365.418 | 2.928 | 3.648 | 204.303 | 1 | 14.686 |
| 9/25/2018 3:45 | 1662300 | 115.124 | 20.394 | 262.404 | 4893.336 | 5365.325 | 2.928 | 3.648 | 204.36 | 1 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 115.099 | 20.4 | 262.347 | 4892.764 | 5364.012 | 2.927 | 3.648 | 204.383 | 1 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 115.078 | 20.392 | 262.299 | 4895.826 | 5368.261 | 2.93 | 3.65 | 204.256 | 1 | 14.68 |
| 9/25/2018 4:30 | 1665000 | 115.072 | 20.395 | 262.284 | 4893.498 | 5365.433 | 2.928 | 3.648 | 204.353 | 1 | 14.687 |
| 9/25/2018 4:45 | 1665900 | 115.056 | 20.389 | 262.248 | 4893.177 | 5365.729 | 2.928 | 3.649 | 204.366 | 1 | 14.685 |
| 9/25/2018 5:00 | 1666800 | 115.066 | 20.392 | 262.271 | 4892.678 | 5364.829 | 2.928 | 3.648 | 204.387 | 1 | 14.678 |
| 9/25/2018 5:15 | 1667700 | 115.077 | 20.394 | 262.296 | 4894.915 | 5367.086 | 2.929 | 3.65 | 204.294 | 1 | 14.682 |
| 9/25/2018 5:30 | 1668600 | 115.076 | 20.392 | 262.293 | 4895.067 | 5367.528 | 2.929 | 3.65 | | | |

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|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|-----------|---|--------|
| 9/26/2018 13:15 | 1782900 | 114.965 | 20.393 | 262.04 | 4896.628 | 5369.073 | 2.93 | 3.651 | 204.232 | 1 | 14.723 |
| 9/26/2018 13:30 | 1783800 | 114.943 | 20.398 | 261.991 | 4896.214 | 5368.079 | 2.93 | 3.65 | 204.239 | 1 | 14.73 |
| 9/26/2018 13:45 | 1784700 | 114.942 | 20.397 | 261.988 | 4898.493 | 5370.636 | 2.931 | 3.652 | 204.144 | 1 | 14.724 |
| 9/26/2018 14:00 | 1785600 | 114.944 | 20.4 | 261.992 | 4899.758 | 5371.698 | 2.932 | 3.653 | 204.092 | 1 | 14.73 |
| 9/26/2018 14:15 | 1786500 | 114.942 | 20.399 | 261.989 | 4898.923 | 5368.688 | 2.93 | 3.651 | 204.21 | 1 | 14.724 |
| 9/26/2018 14:30 | 1787400 | 114.936 | 20.405 | 261.975 | 4898.613 | 5369.873 | 2.931 | 3.652 | 204.139 | 1 | 14.724 |
| 9/26/2018 14:45 | 1788300 | 114.935 | 20.407 | 261.971 | 4898.25 | 5369.199 | 2.931 | 3.651 | 204.135 | 1 | 14.722 |
| 9/26/2018 15:00 | 1789200 | 114.956 | 20.395 | 262.019 | 4896.924 | 5369.199 | 2.93 | 3.651 | 204.21 | 1 | 14.719 |
| 9/26/2018 15:15 | 1790100 | 114.931 | 20.397 | 261.964 | 4896.399 | 5368.399 | 2.93 | 3.651 | 204.232 | 1 | 14.722 |
| 9/26/2018 15:30 | 1791000 | 114.948 | 20.402 | 262.001 | 4898.711 | 5370.375 | 2.931 | 3.652 | 204.135 | 1 | 14.716 |
| 9/26/2018 15:45 | 1791900 | 114.937 | 20.398 | 261.978 | 4898.21 | 5370.246 | 2.931 | 3.652 | 204.156 | 1 | 14.724 |
| 9/26/2018 16:00 | 1792800 | 114.946 | 20.372 | 261.998 | 4893.652 | 5368.127 | 2.93 | 3.65 | 204.346 | 1 | 14.723 |
| 9/26/2018 16:15 | 1793700 | 114.941 | 20.4 | 261.995 | 4899.77 | 5371.509 | 2.932 | 3.653 | 204.099 | 1 | 14.723 |
| 9/26/2018 16:30 | 1794600 | 114.953 | 20.394 | 262.013 | 4897.179 | 5369.658 | 2.931 | 3.651 | 204.199 | 1 | 14.721 |
| 9/26/2018 16:45 | 1795500 | 114.955 | 20.376 | 262.017 | 4895.622 | 5369.905 | 2.931 | 3.652 | 204.264 | 1 | 14.717 |
| 9/26/2018 17:00 | 1796400 | 114.96 | 20.387 | 262.029 | 4898.684 | 5372.044 | 2.932 | 3.653 | 204.136 | 1 | 14.72 |
| 9/26/2018 17:15 | 1797300 | 114.965 | 20.408 | 262.041 | 4896.451 | 5367.15 | 2.929 | 3.65 | 204.243 | 1 | 14.718 |
| 9/26/2018 17:30 | 1798200 | 114.965 | 20.392 | 262.042 | 4895.989 | 5368.5 | 2.93 | 3.651 | 204.249 | 1 | 14.724 |
| 9/26/2018 17:45 | 1799100 | 114.95 | 20.395 | 262.038 | 4897.253 | 5369.769 | 2.931 | 3.651 | 204.196 | 1 | 14.725 |
| 9/26/2018 18:00 | 1800000 | 114.945 | 20.406 | 261.996 | 4901.006 | 5372.399 | 2.932 | 3.653 | 204.04 | 1 | 14.727 |
| 9/26/2018 18:15 | 1800900 | 114.956 | 20.392 | 262.02 | 4896.3 | 5368.801 | 2.93 | 3.651 | 204.236 | 1 | 14.725 |
| 9/26/2018 18:30 | 1801800 | 114.956 | 20.388 | 262.02 | 4898.391 | 5371.595 | 2.932 | 3.653 | 204.149 | 1 | 14.722 |
| 9/26/2018 18:45 | 1802700 | 114.946 | 20.39 | 261.997 | 4898.414 | 5371.325 | 2.932 | 3.653 | 204.148 | 1 | 14.728 |
| 9/26/2018 19:00 | 1803600 | 114.953 | 20.386 | 262.013 | 4896.741 | 5370.001 | 2.931 | 3.652 | 204.217 | 1 | 14.727 |
| 9/26/2018 19:15 | 1804500 | 114.945 | 20.389 | 261.995 | 4897.998 | 5371.026 | 2.931 | 3.652 | 204.165 | 1 | 14.73 |
| 9/26/2018 19:30 | 1805400 | 114.936 | 20.388 | 261.975 | 4896.392 | 5369.403 | 2.931 | 3.651 | 204.232 | 1 | 14.723 |
| 9/26/2018 19:45 | 1806300 | 114.951 | 20.392 | 262.01 | 4899.065 | 5371.813 | 2.932 | 3.653 | 204.121 | 1 | 14.718 |
| 9/26/2018 20:00 | 1807200 | 114.954 | 20.395 | 262.016 | 4897.924 | 5370.286 | 2.931 | 3.652 | 204.168 | 1 | 14.72 |
| 9/26/2018 20:15 | 1808100 | 114.942 | 20.389 | 261.989 | 4895.478 | 5368.292 | 2.93 | 3.65 | 204.27 | 1 | 14.719 |
| 9/26/2018 20:30 | 1809000 | 114.94 | 20.399 | 261.984 | 4897.927 | 5369.798 | 2.931 | 3.651 | 204.168 | 1 | 14.724 |
| 9/26/2018 20:45 | 1809900 | 114.935 | 20.4 | 261.949 | 4899.893 | 5371.915 | 2.932 | 3.653 | 204.086 | 1 | 14.723 |
| 9/26/2018 21:00 | 1810800 | 114.885 | 20.394 | 261.857 | 4898.66 | 5371.173 | 2.932 | 3.652 | 204.137 | 1 | 14.722 |
| 9/26/2018 21:15 | 1811700 | 114.844 | 20.395 | 261.766 | 4899.113 | 5371.532 | 2.932 | 3.653 | 204.119 | 1 | 14.72 |
| 9/26/2018 21:30 | 1812600 | 114.806 | 20.396 | 261.678 | 4902.032 | 5374.713 | 2.934 | 3.655 | 203.997 | 1 | 14.719 |
| 9/26/2018 21:45 | 1813500 | 114.764 | 20.401 | 261.584 | 4899.648 | 5371.519 | 2.932 | 3.653 | 204.096 | 1 | 14.724 |
| 9/26/2018 22:00 | 1814400 | 114.759 | 20.393 | 261.571 | 4899.801 | 5372.512 | 2.932 | 3.653 | 204.09 | 1 | 14.722 |
| 9/26/2018 22:15 | 1815300 | 114.765 | 20.386 | 261.565 | 4897.972 | 5373.415 | 2.932 | 3.654 | 204.087 | 1 | 14.714 |
| 9/26/2018 22:30 | 1816200 | 114.743 | 20.387 | 261.525 | 4897.355 | 5370.507 | 2.931 | 3.652 | 204.192 | 1 | 14.725 |
| 9/26/2018 22:45 | 1817100 | 114.741 | 20.394 | 261.531 | 4899.768 | 5372.348 | 2.932 | 3.653 | 204.091 | 1 | 14.721 |
| 9/26/2018 23:00 | 1818000 | 114.718 | 20.393 | 261.478 | 4900.105 | 5372.924 | 2.933 | 3.654 | 204.077 | 1 | 14.724 |
| 9/26/2018 23:15 | 1818900 | 114.715 | 20.381 | 261.47 | 4899.477 | 5373.503 | 2.933 | 3.654 | 204.103 | 1 | 14.724 |
| 9/26/2018 23:30 | 1819800 | 114.705 | 20.39 | 261.449 | 4897.818 | 5370.662 | 2.931 | 3.652 | 204.173 | 1 | 14.719 |
| 9/26/2018 23:45 | 1820700 | 114.67 | 20.4 | 261.369 | 4902.509 | 5374.763 | 2.934 | 3.655 | 203.977 | 1 | 14.719 |
| 9/27/2018 00:00 | 1821600 | 114.647 | 20.386 | 261.266 | 4899.546 | 5373.756 | 2.932 | 3.654 | 204.014 | 1 | 14.724 |
| 9/27/2018 00:15 | 1822500 | 114.623 | 20.379 | 261.261 | 4898.898 | 5373.144 | 2.933 | 3.654 | 204.128 | 1 | 14.714 |
| 9/27/2018 00:30 | 1823400 | 114.61 | 20.397 | 261.231 | 4903.17 | 5375.851 | 2.934 | 3.656 | 203.95 | 1 | 14.715 |
| 9/27/2018 00:45 | 1824300 | 114.632 | 20.388 | 261.283 | 4899.335 | 5372.66 | 2.932 | 3.653 | 204.109 | 1 | 14.715 |
| 9/27/2018 01:00 | 1825200 | 114.613 | 20.394 | 261.237 | 4901.342 | 5374.133 | 2.933 | 3.654 | 204.026 | 1 | 14.715 |
| 9/27/2018 1:15 | 1826100 | 114.613 | 20.393 | 261.237 | 4901.957 | 5374.963 | 2.934 | 3.655 | 204 | 1 | 14.715 |
| 9/27/2018 1:30 | 1827000 | 114.622 | 20.39 | 261.26 | 4902.261 | 5373.25 | 2.933 | 3.654 | 204.174 | 1 | 14.714 |
| 9/27/2018 1:45 | 1827900 | 114.638 | 20.376 | 261.294 | 4899.363 | 5374.018 | 2.933 | 3.654 | 204.108 | 1 | 14.707 |
| 9/27/2018 2:00 | 1828800 | 114.626 | 20.403 | 261.267 | 4902.584 | 5374.473 | 2.934 | 3.655 | 203.974 | 1 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 114.631 | 20.392 | 261.278 | 4902.141 | 5375.185 | 2.934 | 3.655 | 203.993 | 1 | 14.705 |
| 9/27/2018 2:30 | 1830600 | 114.649 | 20.393 | 261.32 | 4902.193 | 5375.146 | 2.934 | 3.655 | 203.99 | 1 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 114.658 | 20.391 | 261.341 | 4900.867 | 5373.917 | 2.933 | 3.654 | 204.046 | 1 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 114.652 | 20.405 | 261.328 | 4902.271 | 5374.242 | 2.933 | 3.654 | 203.975 | 1 | 14.706 |
| 9/27/2018 3:15 | 1833300 | 114.622 | 20.386 | 261.26 | 4901.499 | 5375.2 | 2.934 | 3.655 | 204.019 | 1 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 114.63 | 20.41 | 261.276 | 4901.641 | 5372.7 | 2.932 | 3.653 | 204.013 | 1 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 114.644 | 20.396 | 261.309 | 4900.682 | 5373.203 | 2.933 | 3.654 | 204.053 | 1 | 14.705 |
| 9/27/2018 4:00 | 1836000 | 114.654 | 20.398 | 261.331 | 4903.104 | 5375.652 | 2.934 | 3.655 | 203.952 | 1 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 114.669 | 20.408 | 261.366 | 4902.797 | 5374.205 | 2.933 | 3.654 | 203.965 | 1 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 114.691 | 20.385 | 261.316 | 4899.388 | 5372.077 | 2.932 | 3.653 | 204.106 | 1 | 14.706 |
| 9/27/2018 4:45 | 1838700 | 114.716 | 20.387 | 261.474 | 4900.935 | 5374.464 | 2.933 | 3.655 | 204.043 | 1 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 114.739 | 20.391 | 261.526 | 4898.545 | 5371.381 | 2.932 | 3.653 | 204.142 | 1 | 14.702 |
| 9/27/2018 5:15 | 1840500 | 114.761 | 20.38 | 261.575 | 4898.197 | 5372.286 | 2.932 | 3.653 | 204.157 | 1 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 114.771 | 20.386 | 261.599 | 4902.214 | 5376.004 | 2.934 | 3.656 | 203.989 | 1 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 114.783 | 20.394 | 261.627 | 4903.512 | 5376.522 | 2.935 | 3.656 | 203.935 | 1 | 14.708 |
| 9/27/2018 6:00 | 1843200 | 114.816 | 20.384 | 261.627 | 4901.383 | 5374.101 | 2.933 | 3.654 | 204.049 | 1 | 14.701 |
| 9/27/2018 6:15 | 1844100 | 114.851 | 20.384 | 261.781 | 4900.694 | 5374.564 | 2.934 | 3.655 | 204.053 | 1 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 114.857 | 20.392 | 261.794 | 4902.06 | 5375.185 | 2.934 | 3.655 | 203.996 | 1 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 114.908 | 20.396 | 261.91 | 4902.326 | 5375.025 | 2.934 | 3.655 | 203.985 | 1 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 114.947 | 20.398 | 262 | 4901.304 | 5373.628 | 2.933 | 3.654 | 204.027 | 1 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 114.96 | 20.388 | 262.03 | 4901.293 | 5374.739 | 2.934 | 3.655 | 204.028 | 1 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 114.974 | 20.402 | 262.061 | 4902.763 | 5375.804 | 2.934 | 3.656 | 203.925 | 1 | 14.71 |
| 9/27/2018 7:45 | 1849500 | 114.998 | 20.383 | 262.115 | 4902.452 | 5376.579 | 2.935 | 3.656 | 203.98 | 1 | 14.714 |
| 9/27/2018 8:00 | 1850400 | 115.008 | 20.378 | 262.138 | 4902.174 | 5376.817 | 2.935 | 3.656 | 203.991 | 1 | 14.711 |
| 9/27/2018 8:15 | 1851300 | 115.016 | 20.394 | 262.157 | 4903.795 | 5376.862 | 2.935 | 3.656 | 203.924 | 1 | 14.718 |
| 9/27/2018 8:30 | 1852200 | 115.038 | 20.401 | 262.208 | 4901.587 | 5373.595 | 2.933 | 3.654 | 204.016 | 1 | 14.711 |
| 9/27/2018 8:45 | 1853100 | 115.049 | 20.407 | 262.231 | 4904.197 | 5375.847 | 2.934 | 3.656 | 203.907 | 1 | 14.715 |
| 9/27/2018 9:00 | 1854000 | 115.046 | 20.403 | 262.224 | 4905.432 | 5377.743 | 2.935 | 3.657 | 203.866 | 1 | 14.716 |
| 9/27/2018 9:15 | 1854900 | 115.029 | 20.394 | 262.188 | 4903.31 | 5376.3 | 2.935 | 3.656 | 203.944 | 1 | 14.712 |
| 9/27/2018 9:30 | 1855800 | 115.042 | 20.388 | 262.215 | 4903.008 | 5376.676 | 2.935 | 3.656 | 203.956 | 1 | 14.722 |
| 9/27/2018 9:45 | 1856700 | 115.025 | 20.398 | 262.178 | 4904.452 | 5377.14 | 2.935 | 3.656 | 203.896 | 1 | 14.724 |
| 9/27/2018 10:00 | 1857600 | 115.027 | 20.406 | 262.183 | 4904.916 | 5376.664 | 2.935 | 3.656 | 203.877 | 1 | 14.719 |
| 9/27/2018 10:15 | 1858500 | 115.02 | 20.397 | 262.165 | 4902.326 | 5374.888 | 2.934 | 3.655 | 203.985</ | | |

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|-----------------|---------|---------|-------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/28/2018 18:00 | 1972800 | 115.103 | 20397 | 262.356 | 4883.774 | 5354.538 | 2.922 | 3.641 | 204.76 | 1 | 14.658 |
| 9/28/2018 18:15 | 1973700 | 115.101 | 20374 | 262.352 | 4882.85 | 5356.091 | 2.923 | 3.642 | 204.798 | 1 | 14.657 |
| 9/28/2018 18:30 | 1974600 | 115.089 | 20394 | 262.324 | 4882.568 | 5353.518 | 2.921 | 3.64 | 204.81 | 1 | 14.66 |
| 9/28/2018 18:45 | 1975500 | 115.088 | 20395 | 262.322 | 4883.733 | 5354.678 | 2.922 | 3.641 | 204.761 | 1 | 14.658 |
| 9/28/2018 19:00 | 1976400 | 115.071 | 20384 | 262.283 | 4878.513 | 5350.267 | 2.919 | 3.638 | 204.98 | 1 | 14.657 |
| 9/28/2018 19:15 | 1977300 | 115.036 | 20397 | 262.202 | 4883.508 | 5354.284 | 2.922 | 3.641 | 204.771 | 1 | 14.66 |
| 9/28/2018 19:30 | 1978200 | 115.082 | 20397 | 262.08 | 4883.97 | 5353.777 | 2.921 | 3.641 | 204.884 | 1 | 14.664 |
| 9/28/2018 19:45 | 1979100 | 114.953 | 20376 | 262.013 | 4878.594 | 5351.257 | 2.92 | 3.639 | 204.977 | 1 | 14.657 |
| 9/28/2018 20:00 | 1980000 | 114.939 | 20392 | 261.982 | 4879.507 | 5350.427 | 2.92 | 3.638 | 204.939 | 1 | 14.664 |
| 9/28/2018 20:15 | 1980900 | 114.941 | 20393 | 261.986 | 4879.75 | 5350.586 | 2.92 | 3.638 | 204.929 | 1 | 14.662 |
| 9/28/2018 20:30 | 1981800 | 114.94 | 20378 | 261.984 | 4878.758 | 5351.143 | 2.92 | 3.639 | 204.97 | 1 | 14.666 |
| 9/28/2018 20:45 | 1982700 | 114.944 | 20387 | 261.993 | 4879.972 | 5351.476 | 2.919 | 3.639 | 204.919 | 1 | 14.67 |
| 9/28/2018 21:00 | 1983600 | 114.962 | 20394 | 262.005 | 4882.2 | 5353.155 | 2.921 | 3.64 | 204.688 | 1 | 14.668 |
| 9/28/2018 21:15 | 1984500 | 114.966 | 20244 | 262.044 | 4879.651 | 5349.968 | 2.919 | 3.638 | 204.933 | 1 | 14.667 |
| 9/28/2018 21:30 | 1985400 | 114.956 | 2039 | 262.021 | 4880.13 | 5351.326 | 2.92 | 3.639 | 204.913 | 1 | 14.672 |
| 9/28/2018 21:45 | 1986300 | 114.934 | 20394 | 261.97 | 4880.282 | 5351.012 | 2.92 | 3.639 | 204.906 | 1 | 14.663 |
| 9/28/2018 22:00 | 1987200 | 114.898 | 20384 | 261.888 | 4880.755 | 5352.688 | 2.921 | 3.64 | 204.886 | 1 | 14.668 |
| 9/28/2018 22:15 | 1988100 | 114.888 | 20392 | 261.865 | 4878.787 | 5349.627 | 2.919 | 3.638 | 204.969 | 1 | 14.67 |
| 9/28/2018 22:30 | 1989000 | 114.89 | 20390 | 261.874 | 4881.236 | 5351.58 | 2.92 | 3.639 | 204.87 | 1 | 14.668 |
| 9/28/2018 22:45 | 1989900 | 114.895 | 20396 | 261.88 | 4876.539 | 5346.752 | 2.917 | 3.636 | 205.063 | 1 | 14.675 |
| 9/28/2018 23:00 | 1990800 | 114.889 | 20388 | 261.868 | 4876.135 | 5347.111 | 2.918 | 3.636 | 205.08 | 1 | 14.672 |
| 9/28/2018 23:15 | 1991700 | 114.879 | 20387 | 261.845 | 4876.819 | 5348.046 | 2.918 | 3.637 | 205.052 | 1 | 14.68 |
| 9/28/2018 23:30 | 1992600 | 114.911 | 20408 | 261.918 | 4880.921 | 5350.127 | 2.919 | 3.638 | 204.879 | 1 | 14.665 |
| 9/28/2018 23:45 | 1993500 | 114.906 | 20406 | 261.906 | 4880.376 | 5349.813 | 2.919 | 3.638 | 204.902 | 1 | 14.669 |
| 9/29/2018 00:00 | 1994400 | 114.938 | 20417 | 261.934 | 4882.21 | 5350.911 | 2.92 | 3.639 | 204.812 | 1 | 14.674 |
| 9/29/2018 00:15 | 1995300 | 114.927 | 20404 | 261.954 | 4878.718 | 5348.171 | 2.918 | 3.637 | 204.972 | 1 | 14.68 |
| 9/29/2018 00:30 | 1996200 | 114.944 | 20389 | 261.993 | 4875.586 | 5346.421 | 2.917 | 3.636 | 205.104 | 1 | 14.675 |
| 9/29/2018 00:45 | 1997100 | 114.951 | 20385 | 262.008 | 4878.513 | 5350.14 | 2.919 | 3.638 | 204.98 | 1 | 14.672 |
| 9/29/2018 01:00 | 1998000 | 114.955 | 20384 | 262.017 | 4874.018 | 5345.317 | 2.917 | 3.635 | 205.17 | 1 | 14.674 |
| 9/29/2018 1:15 | 1998900 | 114.961 | 20389 | 262.032 | 4875.095 | 5345.942 | 2.917 | 3.635 | 205.124 | 1 | 14.675 |
| 9/29/2018 1:30 | 1999800 | 114.976 | 20396 | 262.048 | 4877.344 | 5349.42 | 2.919 | 3.638 | 205.03 | 1 | 14.672 |
| 9/29/2018 1:45 | 2000700 | 114.976 | 20391 | 262.056 | 4876.42 | 5347.149 | 2.918 | 3.636 | 205.068 | 1 | 14.677 |
| 9/29/2018 2:00 | 2001600 | 114.984 | 204 | 262.085 | 4880.301 | 5350.425 | 2.92 | 3.638 | 204.905 | 1 | 14.675 |
| 9/29/2018 2:15 | 2002500 | 114.994 | 20408 | 262.107 | 4879.061 | 5348.177 | 2.918 | 3.637 | 204.957 | 1 | 14.673 |
| 9/29/2018 2:30 | 2003400 | 115.005 | 20412 | 262.132 | 4881.163 | 5350.01 | 2.919 | 3.638 | 204.869 | 1 | 14.675 |
| 9/29/2018 2:45 | 2004300 | 115.007 | 20398 | 262.136 | 4877.971 | 5348.087 | 2.918 | 3.637 | 205.003 | 1 | 14.679 |
| 9/29/2018 3:00 | 2005200 | 115.003 | 20403 | 262.141 | 4880.165 | 5350.211 | 2.919 | 3.638 | 204.901 | 1 | 14.675 |
| 9/29/2018 3:15 | 2006100 | 115.029 | 20407 | 262.187 | 4878.805 | 5347.985 | 2.918 | 3.637 | 204.968 | 1 | 14.672 |
| 9/29/2018 3:30 | 2007000 | 115.036 | 20403 | 262.202 | 4878.547 | 5348.112 | 2.918 | 3.637 | 204.979 | 1 | 14.665 |
| 9/29/2018 3:45 | 2007900 | 115.02 | 20398 | 262.165 | 4878.737 | 5348.907 | 2.919 | 3.637 | 204.971 | 1 | 14.678 |
| 9/29/2018 4:00 | 2008800 | 115.013 | 2038 | 262.149 | 4879.11 | 5351.373 | 2.92 | 3.639 | 204.955 | 1 | 14.671 |
| 9/29/2018 4:15 | 2009700 | 115.001 | 20398 | 262.123 | 4878.778 | 5348.972 | 2.919 | 3.637 | 204.969 | 1 | 14.668 |
| 9/29/2018 4:30 | 2010600 | 115.019 | 20407 | 262.165 | 4880.629 | 5349.993 | 2.919 | 3.638 | 204.892 | 1 | 14.666 |
| 9/29/2018 4:45 | 2011500 | 115.027 | 20407 | 262.181 | 4876.419 | 5345.21 | 2.917 | 3.636 | 205.069 | 1 | 14.676 |
| 9/29/2018 5:00 | 2012400 | 115.049 | 20395 | 262.231 | 4880.568 | 5351.217 | 2.92 | 3.639 | 204.894 | 1 | 14.67 |
| 9/29/2018 5:15 | 2013300 | 115.051 | 20409 | 262.237 | 4879.933 | 5348.975 | 2.919 | 3.637 | 204.921 | 1 | 14.671 |
| 9/29/2018 5:30 | 2014200 | 115.073 | 20413 | 262.287 | 4882.87 | 5351.773 | 2.92 | 3.639 | 204.798 | 1 | 14.674 |
| 9/29/2018 5:45 | 2015100 | 115.087 | 20414 | 262.319 | 4882.509 | 5351.25 | 2.92 | 3.639 | 204.813 | 1 | 14.676 |
| 9/29/2018 6:00 | 2016000 | 115.105 | 20395 | 262.359 | 4876.63 | 5346.969 | 2.918 | 3.636 | 205.06 | 1 | 14.68 |
| 9/29/2018 6:15 | 2016900 | 115.151 | 20394 | 262.466 | 4878.796 | 5349.422 | 2.919 | 3.638 | 204.969 | 1 | 14.676 |
| 9/29/2018 6:30 | 2017800 | 115.167 | 20381 | 262.5 | 4878.02 | 5350.03 | 2.919 | 3.638 | 205.001 | 1 | 14.684 |
| 9/29/2018 6:45 | 2018700 | 115.19 | 20391 | 262.555 | 4876.98 | 5347.724 | 2.918 | 3.636 | 205.045 | 1 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 115.216 | 20394 | 262.613 | 4878.665 | 5349.249 | 2.919 | 3.637 | 204.974 | 1 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 115.244 | 20385 | 262.676 | 4878.781 | 5350.452 | 2.92 | 3.638 | 204.969 | 1 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 115.238 | 20391 | 262.664 | 4879.875 | 5350.977 | 2.92 | 3.639 | 204.923 | 1 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 115.241 | 20403 | 262.669 | 4881.056 | 5350.901 | 2.92 | 3.639 | 204.874 | 1 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 115.24 | 20401 | 262.667 | 4879.536 | 5349.421 | 2.919 | 3.638 | 204.938 | 1 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 115.234 | 20405 | 262.654 | 4879.359 | 5348.767 | 2.919 | 3.637 | 204.945 | 1 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 115.208 | 20392 | 262.594 | 4877.463 | 5348.136 | 2.918 | 3.637 | 205.025 | 1 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 115.163 | 20408 | 262.493 | 4880.295 | 5349.459 | 2.919 | 3.638 | 204.906 | 1 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 115.123 | 20408 | 262.401 | 4882.425 | 5351.813 | 2.92 | 3.639 | 204.816 | 1 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 115.103 | 20403 | 262.356 | 4880.86 | 5349.583 | 2.919 | 3.638 | 204.893 | 1 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 115.104 | 20396 | 262.358 | 4878.187 | 5348.52 | 2.918 | 3.637 | 204.994 | 1 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 115.095 | 20399 | 262.338 | 4882.515 | 5352.971 | 2.921 | 3.64 | 204.812 | 1 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 115.1 | 20387 | 262.35 | 4878.709 | 5350.128 | 2.919 | 3.638 | 204.972 | 1 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 115.092 | 2039 | 262.33 | 4881.38 | 5352.667 | 2.921 | 3.64 | 204.86 | 1 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 115.081 | 20389 | 262.304 | 4879.259 | 5350.439 | 2.92 | 3.638 | 204.949 | 1 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 115.082 | 20389 | 262.307 | 4881.059 | 5351.708 | 2.92 | 3.639 | 204.874 | 1 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 115.088 | 20389 | 262.321 | 4882.367 | 5353.875 | 2.922 | 3.641 | 204.819 | 1 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 115.103 | 20381 | 262.356 | 4879.776 | 5351.956 | 2.92 | 3.639 | 204.927 | 1 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 115.101 | 20402 | 262.351 | 4883.846 | 5354.078 | 2.922 | 3.641 | 204.757 | 1 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 115.106 | 204 | 262.363 | 4881.448 | 5351.615 | 2.92 | 3.639 | 204.857 | 1 | 14.699 |
| 9/29/2018 12:00 | 2037600 | 115.104 | 20391 | 262.358 | 4881.178 | 5352.386 | 2.921 | 3.64 | 204.869 | 1 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 115.099 | 20395 | 262.369 | 4884.005 | 5354.967 | 2.922 | 3.641 | 204.75 | 1 | 14.693 |
| 9/29/2018 12:30 | 2039400 | 115.091 | 20384 | 262.329 | 4878.476 | 5350.156 | 2.919 | 3.638 | 204.982 | 1 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 115.119 | 20401 | 262.392 | 4882.948 | 5353.192 | 2.921 | 3.64 | 204.794 | 1 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 115.095 | 20391 | 262.337 | 4878.465 | 5349.342 | 2.919 | 3.638 | 204.983 | 1 | 14.69 |
| 9/29/2018 13:15 | 2042100 | 115.092 | 20393 | 262.329 | 4883.39 | 5354.529 | 2.922 | 3.641 | 204.776 | 1 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 115.089 | 20391 | 262.323 | 4881.613 | 5352.834 | 2.921 | 3.64 | 204.85 | 1 | 14.686 |
| 9/29/2018 13:45 | 2043900 | 115.089 | 20377 | 262.346 | 4880.027 | 5353.515 | 2.921 | 3.64 | 204.884 | 1 | 14.69 |
| 9/29/2018 14:00 | 2044800 | 115.1 | 20399 | 262.348 | 4882.973 | 5353.24 | 2.921 | 3.64 | 204.793 | 1 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 115.105 | 204 | 262.36 | 4883.84 | 5354.218 | 2.922 | 3.641 | 204.757 | 1 | 14.686 |
| 9/29/2018 14:30 | 2046600 | 115.123 | 2039 | 262.401 | 4883.786 | 5355.305 | 2.922 | 3.642 | 204.759 | 1 | 14.684 |
| 9/29/2018 14:45 | 2047500 | 115.12 | 20378 | 262.395 | 4881.531 | 5354.174 | 2.922 | 3.641 | 204.854 | 1 | 14.685 |
| 9/29/2018 15:00 | 2048400 | 115.142 | 20381 | 262.444 | 4882.254 | 5354.684 | 2.922 | 3.641 | 204.823 | 1 | 14.681 |
| 9/29/2018 15:15 | 2049300 | 115.138 | 20386 | 262.436 | 4884.073 | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 9/30/2018 22:45 | 2162700 | 115.675 | 20.381 | 263.658 | 4892.902 | 5366.352 | 2.929 | 3.649 | 204.378 | 1 | 14.667 |
| 9/30/2018 23:00 | 2163600 | 115.656 | 20.397 | 263.615 | 4895.363 | 5367.204 | 2.929 | 3.65 | 204.275 | 1 | 14.672 |
| 9/30/2018 23:15 | 2164500 | 115.656 | 20.394 | 263.616 | 4893.723 | 5365.72 | 2.928 | 3.649 | 204.343 | 1 | 14.669 |
| 9/30/2018 23:30 | 2165400 | 115.637 | 20.397 | 263.572 | 4895.844 | 5367.809 | 2.93 | 3.65 | 204.255 | 1 | 14.666 |
| 9/30/2018 23:45 | 2166300 | 115.598 | 20.411 | 263.484 | 4894.512 | 5364.709 | 2.928 | 3.648 | 204.31 | 1 | 14.671 |
| 10/1/2018 0:00 | 2167200 | 115.583 | 20.395 | 263.449 | 4893.365 | 5365.278 | 2.928 | 3.648 | 204.338 | 1 | 14.672 |
| 10/1/2018 0:15 | 2168100 | 115.588 | 20.395 | 263.461 | 4896.355 | 5368.985 | 2.93 | 3.651 | 204.273 | 1 | 14.673 |
| 10/1/2018 0:30 | 2169000 | 115.595 | 20.393 | 263.477 | 4896.767 | 5369.273 | 2.93 | 3.651 | 204.216 | 1 | 14.67 |
| 10/1/2018 0:45 | 2169900 | 115.597 | 20.404 | 263.482 | 4895.83 | 5366.921 | 2.929 | 3.65 | 204.255 | 1 | 14.672 |
| 10/1/2018 1:00 | 2170800 | 115.602 | 20.392 | 263.493 | 4895.605 | 5368.059 | 2.93 | 3.65 | 204.265 | 1 | 14.671 |
| 10/1/2018 1:15 | 2171700 | 115.607 | 20.393 | 263.503 | 4894.195 | 5366.405 | 2.929 | 3.649 | 204.324 | 1 | 14.671 |
| 10/1/2018 1:30 | 2172600 | 115.613 | 20.376 | 263.517 | 4891.939 | 5365.846 | 2.928 | 3.649 | 204.418 | 1 | 14.675 |
| 10/1/2018 1:45 | 2173500 | 115.615 | 20.391 | 263.5 | 4895.335 | 5368.399 | 2.93 | 3.651 | 204.255 | 1 | 14.675 |
| 10/1/2018 2:00 | 2174400 | 115.606 | 20.403 | 263.503 | 4895.953 | 5367.252 | 2.929 | 3.65 | 204.275 | 1 | 14.675 |
| 10/1/2018 2:15 | 2175300 | 115.578 | 20.38 | 263.438 | 4896.958 | 5370.859 | 2.931 | 3.652 | 204.208 | 1 | 14.677 |
| 10/1/2018 2:30 | 2176200 | 115.565 | 20.398 | 263.409 | 4894.242 | 5365.906 | 2.929 | 3.649 | 204.322 | 1 | 14.67 |
| 10/1/2018 2:45 | 2177100 | 115.546 | 20.398 | 263.365 | 4893.734 | 5365.33 | 2.928 | 3.648 | 204.343 | 1 | 14.668 |
| 10/1/2018 3:00 | 2178000 | 115.557 | 20.412 | 263.39 | 4897.243 | 5367.665 | 2.93 | 3.65 | 204.197 | 1 | 14.668 |
| 10/1/2018 3:15 | 2178900 | 115.567 | 20.406 | 263.424 | 4896.52 | 5370.17 | 2.931 | 3.652 | 204.117 | 1 | 14.674 |
| 10/1/2018 3:30 | 2179800 | 115.593 | 20.407 | 263.473 | 4896.141 | 5366.996 | 2.929 | 3.65 | 204.242 | 1 | 14.667 |
| 10/1/2018 3:45 | 2180700 | 115.594 | 20.397 | 263.473 | 4894.029 | 5365.761 | 2.928 | 3.649 | 204.331 | 1 | 14.671 |
| 10/1/2018 4:00 | 2181600 | 115.614 | 20.404 | 263.521 | 4898.583 | 5369.997 | 2.931 | 3.652 | 204.141 | 1 | 14.663 |
| 10/1/2018 4:15 | 2182500 | 115.613 | 20.413 | 263.517 | 4897.361 | 5367.598 | 2.93 | 3.65 | 204.192 | 1 | 14.667 |
| 10/1/2018 4:30 | 2183400 | 115.61 | 20.406 | 263.51 | 4897.084 | 5368.139 | 2.93 | 3.65 | 204.203 | 1 | 14.663 |
| 10/1/2018 4:45 | 2184300 | 115.613 | 20.397 | 263.517 | 4896.96 | 5368.705 | 2.93 | 3.651 | 204.219 | 1 | 14.663 |
| 10/1/2018 5:00 | 2185200 | 115.62 | 20.402 | 263.524 | 4897.59 | 5369.165 | 2.93 | 3.651 | 204.182 | 1 | 14.667 |
| 10/1/2018 5:15 | 2186100 | 115.616 | 20.406 | 263.525 | 4898.811 | 5370.032 | 2.931 | 3.652 | 204.131 | 1 | 14.669 |
| 10/1/2018 5:30 | 2187000 | 115.617 | 20.387 | 263.619 | 4893.793 | 5366.642 | 2.929 | 3.649 | 204.334 | 1 | 14.672 |
| 10/1/2018 5:45 | 2187900 | 115.668 | 20.394 | 263.643 | 4896.249 | 5368.519 | 2.93 | 3.651 | 204.238 | 1 | 14.673 |
| 10/1/2018 6:00 | 2188800 | 115.686 | 20.397 | 263.683 | 4896.753 | 5368.837 | 2.93 | 3.651 | 204.217 | 1 | 14.669 |
| 10/1/2018 6:15 | 2189700 | 115.688 | 20.397 | 263.689 | 4895.645 | 5367.542 | 2.929 | 3.65 | 204.263 | 1 | 14.672 |
| 10/1/2018 6:30 | 2190600 | 115.705 | 20.394 | 263.727 | 4898.861 | 5371.363 | 2.932 | 3.653 | 204.129 | 1 | 14.667 |
| 10/1/2018 6:45 | 2191500 | 115.732 | 20.394 | 263.789 | 4896.844 | 5369.191 | 2.93 | 3.651 | 204.213 | 1 | 14.671 |
| 10/1/2018 7:00 | 2192400 | 115.736 | 20.395 | 263.799 | 4895.779 | 5367.955 | 2.93 | 3.65 | 204.258 | 1 | 14.677 |
| 10/1/2018 7:15 | 2193300 | 115.734 | 20.398 | 263.793 | 4897.789 | 5369.765 | 2.931 | 3.651 | 204.174 | 1 | 14.685 |
| 10/1/2018 7:30 | 2194200 | 115.754 | 20.41 | 263.839 | 4898.688 | 5369.395 | 2.931 | 3.651 | 204.136 | 1 | 14.683 |
| 10/1/2018 7:45 | 2195100 | 115.719 | 20.418 | 263.759 | 4898.995 | 5368.829 | 2.93 | 3.651 | 204.124 | 1 | 14.689 |
| 10/1/2018 8:00 | 2196000 | 115.702 | 20.404 | 263.72 | 4900.493 | 5372.112 | 2.932 | 3.652 | 204.061 | 1 | 14.686 |
| 10/1/2018 8:15 | 2196900 | 115.697 | 20.4 | 263.709 | 4897.081 | 5368.832 | 2.93 | 3.651 | 204.203 | 1 | 14.685 |
| 10/1/2018 8:30 | 2197800 | 115.687 | 20.397 | 263.687 | 4899.362 | 5371.599 | 2.932 | 3.653 | 204.108 | 1 | 14.689 |
| 10/1/2018 8:45 | 2198700 | 115.683 | 20.396 | 263.677 | 4896.375 | 5368.422 | 2.93 | 3.651 | 204.233 | 1 | 14.682 |
| 10/1/2018 9:00 | 2199600 | 115.66 | 20.404 | 263.624 | 4895.916 | 5367.015 | 2.929 | 3.65 | 204.252 | 1 | 14.687 |
| 10/1/2018 9:15 | 2200500 | 115.648 | 20.404 | 263.597 | 4896.273 | 5367.426 | 2.929 | 3.65 | 204.237 | 1 | 14.688 |
| 10/1/2018 9:30 | 2201400 | 115.638 | 20.403 | 263.574 | 4895.403 | 5371.172 | 2.932 | 3.652 | 204.1 | 1 | 14.689 |
| 10/1/2018 9:45 | 2202300 | 115.634 | 20.399 | 263.566 | 4899.532 | 5371.569 | 2.932 | 3.653 | 204.101 | 1 | 14.677 |
| 10/1/2018 10:00 | 2203200 | 115.625 | 20.399 | 263.545 | 4896.578 | 5368.389 | 2.93 | 3.651 | 204.224 | 1 | 14.677 |
| 10/1/2018 10:15 | 2204100 | 115.613 | 20.4 | 263.518 | 4898.18 | 5369.968 | 2.931 | 3.652 | 204.157 | 1 | 14.681 |
| 10/1/2018 10:30 | 2205000 | 115.599 | 20.388 | 263.485 | 4896.751 | 5369.729 | 2.931 | 3.651 | 204.217 | 1 | 14.677 |
| 10/1/2018 10:45 | 2205900 | 115.594 | 20.394 | 263.474 | 4898.268 | 5370.722 | 2.931 | 3.652 | 204.154 | 1 | 14.679 |
| 10/1/2018 11:00 | 2206800 | 115.578 | 20.412 | 263.438 | 4896.553 | 5369.889 | 2.929 | 3.649 | 204.225 | 1 | 14.675 |
| 10/1/2018 11:15 | 2207700 | 115.567 | 20.406 | 263.414 | 4895.93 | 5366.823 | 2.929 | 3.649 | 204.251 | 1 | 14.678 |
| 10/1/2018 11:30 | 2208600 | 115.56 | 20.401 | 263.397 | 4899.384 | 5371.189 | 2.932 | 3.652 | 204.107 | 1 | 14.671 |
| 10/1/2018 11:45 | 2209500 | 115.555 | 20.397 | 263.386 | 4898.594 | 5370.736 | 2.931 | 3.652 | 204.14 | 1 | 14.672 |
| 10/1/2018 12:00 | 2210400 | 115.549 | 20.397 | 263.372 | 4896.531 | 5368.495 | 2.93 | 3.651 | 204.226 | 1 | 14.667 |
| 10/1/2018 12:15 | 2211300 | 115.546 | 20.415 | 263.366 | 4900.945 | 5371.299 | 2.932 | 3.652 | 204.042 | 1 | 14.665 |
| 10/1/2018 12:30 | 2212200 | 115.532 | 20.4 | 263.333 | 4897.178 | 5368.918 | 2.93 | 3.651 | 204.199 | 1 | 14.662 |
| 10/1/2018 12:45 | 2213100 | 115.542 | 20.41 | 263.357 | 4900.265 | 5371.203 | 2.932 | 3.652 | 204.071 | 1 | 14.658 |
| 10/1/2018 13:00 | 2214000 | 115.534 | 20.418 | 263.337 | 4900.736 | 5370.806 | 2.931 | 3.652 | 204.051 | 1 | 14.657 |
| 10/1/2018 13:15 | 2214900 | 115.532 | 20.404 | 263.334 | 4899.437 | 5370.934 | 2.931 | 3.652 | 204.105 | 1 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 115.532 | 20.412 | 263.333 | 4897.267 | 5367.681 | 2.93 | 3.65 | 204.196 | 1 | 14.655 |
| 10/1/2018 13:45 | 2216700 | 115.531 | 20.407 | 263.331 | 4898.374 | 5369.366 | 2.931 | 3.651 | 204.149 | 1 | 14.652 |
| 10/1/2018 14:00 | 2217600 | 115.527 | 20.405 | 263.327 | 4895.921 | 5371.9 | 2.932 | 3.653 | 204.065 | 1 | 14.649 |
| 10/1/2018 14:15 | 2218500 | 115.537 | 20.403 | 263.344 | 4897.584 | 5369.01 | 2.93 | 3.651 | 204.182 | 1 | 14.646 |
| 10/1/2018 14:30 | 2219400 | 115.534 | 20.414 | 263.338 | 4901.328 | 5371.906 | 2.932 | 3.653 | 204.026 | 1 | 14.644 |
| 10/1/2018 14:45 | 2220300 | 115.513 | 20.41 | 263.289 | 4899.767 | 5370.627 | 2.931 | 3.652 | 204.091 | 1 | 14.643 |
| 10/1/2018 15:00 | 2221200 | 115.478 | 20.404 | 263.21 | 4897.121 | 5368.326 | 2.93 | 3.65 | 204.202 | 1 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 115.434 | 20.398 | 263.109 | 4898.886 | 5370.948 | 2.931 | 3.652 | 204.128 | 1 | 14.644 |
| 10/1/2018 15:30 | 2223000 | 115.408 | 20.4 | 263.065 | 4899.857 | 5371.827 | 2.932 | 3.653 | 204.088 | 1 | 14.647 |
| 10/1/2018 15:45 | 2223900 | 115.402 | 20.413 | 263.036 | 4901.553 | 5372.173 | 2.932 | 3.653 | 204.017 | 1 | 14.638 |
| 10/1/2018 16:00 | 2224800 | 115.399 | 20.415 | 263.031 | 4902.656 | 5373.193 | 2.933 | 3.654 | 203.971 | 1 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 115.406 | 20.42 | 263.046 | 4902.262 | 5372.193 | 2.932 | 3.653 | 203.987 | 1 | 14.64 |
| 10/1/2018 16:30 | 2226600 | 115.418 | 20.411 | 263.072 | 4900.759 | 5371.577 | 2.932 | 3.653 | 204.005 | 1 | 14.637 |
| 10/1/2018 16:45 | 2227500 | 115.427 | 20.413 | 263.093 | 4901.845 | 5372.591 | 2.932 | 3.653 | 204.005 | 1 | 14.638 |
| 10/1/2018 17:00 | 2228400 | 115.445 | 20.4 | 263.146 | 4899.549 | 5371.666 | 2.932 | 3.653 | 204.1 | 1 | 14.64 |
| 10/1/2018 17:15 | 2229300 | 115.467 | 20.408 | 263.184 | 4902.828 | 5374.179 | 2.933 | 3.654 | 203.964 | 1 | 14.632 |
| 10/1/2018 17:30 | 2230200 | 115.476 | 20.394 | 263.205 | 4900.276 | 5372.935 | 2.933 | 3.654 | 204.07 | 1 | 14.635 |
| 10/1/2018 17:45 | 2231100 | 115.498 | 20.398 | 263.255 | 4901.184 | 5373.458 | 2.933 | 3.654 | 204.032 | 1 | 14.641 |
| 10/1/2018 18:00 | 2232000 | 115.502 | 20.408 | 263.265 | 4899.28 | 5370.27 | 2.931 | 3.652 | 204.112 | 1 | 14.631 |
| 10/1/2018 18:15 | 2232900 | 115.512 | 20.403 | 263.287 | 4900.353 | 5372.026 | 2.932 | 3.653 | 204.067 | 1 | 14.639 |
| 10/1/2018 18:30 | 2233800 | 115.522 | 20.4 | 263.311 | 4898.95 | 5370.87 | 2.931 | 3.652 | 204.125 | 1 | 14.636 |
| 10/1/2018 18:45 | 2234700 | 115.55 | 20.402 | 263.35 | 4899.448 | 5371.541 | 2.932 | 3.653 | 204.088 | 1 | 14.63 |
| 10/1/2018 19:00 | 2235600 | 115.538 | 20.398 | 263.347 | 4902.98 | 5375.447 | 2.934 | 3.655 | 203.958 | 1 | 14.634 |
| 10/1/2018 19:15 | 2236500 | 115.561 | 20.399 | 263.399 | 4900.921 | 5373.121 | 2.933 | 3.654 | 204.043 | 1 | 14.632 |
| 10/1/2018 19:30 | 2237400 | 115.546 | 20.416 | 263.365 | 4902.441 | 5372.871 | 2.933 | 3.654 | 203.98 | 1 | 14.632 |
| 10/1/2018 19:45 | 2238300 | 115.552 | 20.419 | 263.38 | 4901.914 | 5371.9 | 2.932 | 3.653 | 204.002 | 1 | 14. |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|---|--------|
| 10/3/2018 3:30 | 2352600 | 115.746 | 20.402 | 263.821 | 4917.8 | 5391.311 | 2.943 | 3.666 | 203.343 | 1 | 14.666 |
| 10/3/2018 3:45 | 2353500 | 115.758 | 20.403 | 263.848 | 4916.131 | 5389.373 | 2.942 | 3.665 | 203.412 | 1 | 14.669 |
| 10/3/2018 4:00 | 2354400 | 115.755 | 20.404 | 263.842 | 4917.53 | 5390.709 | 2.943 | 3.666 | 203.354 | 1 | 14.665 |
| 10/3/2018 4:15 | 2355300 | 115.764 | 20.4 | 263.862 | 4913.022 | 5386.259 | 2.94 | 3.663 | 203.541 | 1 | 14.663 |
| 10/3/2018 4:30 | 2356200 | 115.762 | 20.403 | 263.857 | 4917.42 | 5390.716 | 2.943 | 3.666 | 203.359 | 1 | 14.665 |
| 10/3/2018 4:45 | 2357100 | 115.8 | 20.403 | 263.944 | 4914.177 | 5387.151 | 2.941 | 3.663 | 203.493 | 1 | 14.658 |
| 10/3/2018 5:00 | 2358000 | 115.801 | 20.422 | 263.946 | 4917.978 | 5389.257 | 2.942 | 3.665 | 203.336 | 1 | 14.666 |
| 10/3/2018 5:15 | 2358900 | 115.794 | 20.415 | 263.931 | 4919.673 | 5391.864 | 2.944 | 3.666 | 203.266 | 1 | 14.665 |
| 10/3/2018 5:30 | 2359800 | 115.804 | 20.398 | 263.954 | 4915.291 | 5389.013 | 2.942 | 3.665 | 203.447 | 1 | 14.661 |
| 10/3/2018 5:45 | 2360700 | 115.806 | 20.4 | 263.957 | 4917.578 | 5391.206 | 2.943 | 3.666 | 203.352 | 1 | 14.667 |
| 10/3/2018 6:00 | 2361600 | 115.813 | 20.397 | 263.973 | 4914.831 | 5388.617 | 2.942 | 3.664 | 203.466 | 1 | 14.668 |
| 10/3/2018 6:15 | 2362500 | 115.824 | 20.382 | 263.998 | 4914.873 | 5390.292 | 2.943 | 3.665 | 203.464 | 1 | 14.667 |
| 10/3/2018 6:30 | 2363400 | 115.819 | 20.384 | 263.988 | 4917.043 | 5392.453 | 2.944 | 3.667 | 203.374 | 1 | 14.666 |
| 10/3/2018 6:45 | 2364300 | 115.839 | 20.408 | 264.033 | 4915.905 | 5388.573 | 2.942 | 3.664 | 203.421 | 1 | 14.653 |
| 10/3/2018 7:00 | 2365200 | 115.828 | 20.395 | 264.007 | 4914.009 | 5387.943 | 2.941 | 3.664 | 203.5 | 1 | 14.671 |
| 10/3/2018 7:15 | 2366100 | 115.839 | 20.394 | 264.034 | 4916.248 | 5390.477 | 2.943 | 3.666 | 203.407 | 1 | 14.668 |
| 10/3/2018 7:30 | 2367000 | 115.84 | 20.4 | 264.035 | 4918.534 | 5392.322 | 2.944 | 3.667 | 203.313 | 1 | 14.664 |
| 10/3/2018 7:45 | 2367900 | 115.837 | 20.384 | 264.028 | 4914.759 | 5389.959 | 2.942 | 3.665 | 203.469 | 1 | 14.677 |
| 10/3/2018 8:00 | 2368800 | 115.825 | 20.402 | 264 | 4918.162 | 5391.698 | 2.944 | 3.666 | 203.328 | 1 | 14.673 |
| 10/3/2018 8:15 | 2369700 | 115.831 | 20.392 | 264.015 | 4915.491 | 5389.883 | 2.942 | 3.665 | 203.438 | 1 | 14.669 |
| 10/3/2018 8:30 | 2370600 | 115.83 | 20.405 | 264.012 | 4915.564 | 5388.455 | 2.942 | 3.664 | 203.435 | 1 | 14.675 |
| 10/3/2018 8:45 | 2371500 | 115.807 | 20.402 | 263.96 | 4918.792 | 5392.318 | 2.944 | 3.667 | 203.302 | 1 | 14.674 |
| 10/3/2018 9:00 | 2372400 | 115.804 | 20.402 | 263.952 | 4918.515 | 5392.004 | 2.944 | 3.667 | 203.313 | 1 | 14.675 |
| 10/3/2018 9:15 | 2373300 | 115.807 | 20.392 | 263.959 | 4917.232 | 5391.744 | 2.944 | 3.666 | 203.366 | 1 | 14.678 |
| 10/3/2018 9:30 | 2374200 | 115.785 | 20.4 | 263.91 | 4918.001 | 5391.679 | 2.944 | 3.666 | 203.335 | 1 | 14.685 |
| 10/3/2018 9:45 | 2375100 | 115.792 | 20.395 | 263.927 | 4917.688 | 5391.917 | 2.944 | 3.667 | 203.348 | 1 | 14.676 |
| 10/3/2018 10:00 | 2376000 | 115.786 | 20.392 | 263.913 | 4915.782 | 5390.163 | 2.943 | 3.665 | 203.426 | 1 | 14.682 |
| 10/3/2018 10:15 | 2376900 | 115.776 | 20.387 | 263.889 | 4916.615 | 5391.688 | 2.943 | 3.666 | 203.392 | 1 | 14.676 |
| 10/3/2018 10:30 | 2377800 | 115.757 | 20.406 | 263.846 | 4917.005 | 5389.916 | 2.942 | 3.665 | 203.376 | 1 | 14.68 |
| 10/3/2018 10:45 | 2378700 | 115.764 | 20.397 | 263.863 | 4918.543 | 5392.706 | 2.944 | 3.667 | 203.312 | 1 | 14.684 |
| 10/3/2018 11:00 | 2379600 | 115.761 | 20.384 | 263.856 | 4916.939 | 5392.33 | 2.944 | 3.667 | 203.379 | 1 | 14.679 |
| 10/3/2018 11:15 | 2380500 | 115.751 | 20.381 | 263.833 | 4915.833 | 5391.442 | 2.943 | 3.666 | 203.424 | 1 | 14.683 |
| 10/3/2018 11:30 | 2381400 | 115.72 | 20.382 | 263.761 | 4915.164 | 5390.6 | 2.943 | 3.666 | 203.452 | 1 | 14.688 |
| 10/3/2018 11:45 | 2382300 | 115.721 | 20.392 | 263.763 | 4917.208 | 5391.736 | 2.944 | 3.666 | 203.367 | 1 | 14.685 |
| 10/3/2018 12:00 | 2383200 | 115.716 | 20.399 | 263.753 | 4918.804 | 5392.658 | 2.944 | 3.667 | 203.301 | 1 | 14.681 |
| 10/3/2018 12:15 | 2384100 | 115.701 | 20.387 | 263.718 | 4915.288 | 5390.242 | 2.943 | 3.665 | 203.447 | 1 | 14.681 |
| 10/3/2018 12:30 | 2385000 | 115.697 | 20.387 | 263.709 | 4915.151 | 5389.4 | 2.945 | 3.668 | 203.287 | 1 | 14.681 |
| 10/3/2018 12:45 | 2385900 | 115.692 | 20.379 | 263.698 | 4915.555 | 5391.375 | 2.943 | 3.666 | 203.436 | 1 | 14.682 |
| 10/3/2018 13:00 | 2386800 | 115.675 | 20.394 | 263.659 | 4919.122 | 5393.588 | 2.945 | 3.668 | 203.288 | 1 | 14.672 |
| 10/3/2018 13:15 | 2387700 | 115.657 | 20.398 | 263.618 | 4916.122 | 5389.915 | 2.942 | 3.665 | 203.412 | 1 | 14.675 |
| 10/3/2018 13:30 | 2388600 | 115.661 | 20.389 | 263.627 | 4916.851 | 5391.65 | 2.943 | 3.666 | 203.382 | 1 | 14.675 |
| 10/3/2018 13:45 | 2389500 | 115.644 | 20.393 | 263.589 | 4919.099 | 5393.712 | 2.945 | 3.668 | 203.289 | 1 | 14.671 |
| 10/3/2018 14:00 | 2390400 | 115.625 | 20.393 | 263.544 | 4918.609 | 5393.155 | 2.944 | 3.667 | 203.309 | 1 | 14.671 |
| 10/3/2018 14:15 | 2391300 | 115.621 | 20.387 | 263.537 | 4919.657 | 5394.971 | 2.945 | 3.669 | 203.266 | 1 | 14.67 |
| 10/3/2018 14:30 | 2392200 | 115.624 | 20.398 | 263.542 | 4917.892 | 5391.806 | 2.944 | 3.666 | 203.339 | 1 | 14.663 |
| 10/3/2018 14:45 | 2393100 | 115.61 | 20.389 | 263.511 | 4919.739 | 5394.917 | 2.945 | 3.669 | 203.263 | 1 | 14.671 |
| 10/3/2018 15:00 | 2394000 | 115.598 | 20.396 | 263.484 | 4918.418 | 5392.609 | 2.944 | 3.667 | 203.317 | 1 | 14.668 |
| 10/3/2018 15:15 | 2394900 | 115.599 | 20.388 | 263.485 | 4915.388 | 5390.252 | 2.943 | 3.665 | 203.443 | 1 | 14.665 |
| 10/3/2018 15:30 | 2395800 | 115.599 | 20.38 | 263.485 | 4916.243 | 5392.079 | 2.944 | 3.667 | 203.407 | 1 | 14.662 |
| 10/3/2018 15:45 | 2396700 | 115.591 | 20.374 | 263.467 | 4917.95 | 5394.593 | 2.945 | 3.668 | 203.337 | 1 | 14.661 |
| 10/3/2018 16:00 | 2397600 | 115.578 | 20.382 | 263.439 | 4916.622 | 5392.238 | 2.944 | 3.667 | 203.392 | 1 | 14.663 |
| 10/3/2018 16:15 | 2398500 | 115.589 | 20.38 | 263.462 | 4917.181 | 5393.048 | 2.944 | 3.667 | 203.369 | 1 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 115.584 | 20.396 | 263.453 | 4917.032 | 5391.11 | 2.943 | 3.666 | 203.375 | 1 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 115.586 | 20.382 | 263.457 | 4916.908 | 5392.513 | 2.944 | 3.667 | 203.38 | 1 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 115.57 | 20.387 | 263.42 | 4919.849 | 5395.165 | 2.946 | 3.669 | 203.258 | 1 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 115.56 | 20.411 | 263.398 | 4919.685 | 5392.361 | 2.944 | 3.667 | 203.265 | 1 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 115.575 | 20.394 | 263.432 | 4918.495 | 5392.891 | 2.944 | 3.667 | 203.314 | 1 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 115.556 | 20.399 | 263.388 | 4917.051 | 5390.755 | 2.943 | 3.666 | 203.374 | 1 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 115.561 | 20.403 | 263.4 | 4919.012 | 5392.521 | 2.944 | 3.667 | 203.293 | 1 | 14.666 |
| 10/3/2018 18:15 | 2405700 | 115.563 | 20.396 | 263.404 | 4920.037 | 5394.454 | 2.945 | 3.668 | 203.251 | 1 | 14.663 |
| 10/3/2018 18:30 | 2406600 | 115.55 | 20.403 | 263.373 | 4919.153 | 5392.616 | 2.944 | 3.667 | 203.287 | 1 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 115.538 | 20.396 | 263.348 | 4919.066 | 5393.301 | 2.944 | 3.667 | 203.291 | 1 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 115.543 | 20.389 | 263.359 | 4917.578 | 5392.507 | 2.944 | 3.667 | 203.352 | 1 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 115.536 | 20.403 | 263.342 | 4918.658 | 5392.103 | 2.944 | 3.667 | 203.307 | 1 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 115.53 | 20.381 | 263.328 | 4914.59 | 5390.089 | 2.943 | 3.665 | 203.476 | 1 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 115.528 | 20.392 | 263.323 | 4917.035 | 5391.506 | 2.943 | 3.666 | 203.375 | 1 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 115.527 | 20.383 | 263.322 | 4916.963 | 5392.504 | 2.944 | 3.667 | 203.378 | 1 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 115.529 | 20.388 | 263.326 | 4915.694 | 5390.511 | 2.943 | 3.666 | 203.43 | 1 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 115.518 | 20.391 | 263.301 | 4916.914 | 5391.561 | 2.943 | 3.666 | 203.38 | 1 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 115.515 | 20.395 | 263.293 | 4916.191 | 5390.295 | 2.943 | 3.665 | 203.41 | 1 | 14.689 |
| 10/3/2018 21:00 | 2415600 | 115.506 | 20.38 | 263.274 | 4913.092 | 5388.595 | 2.942 | 3.664 | 203.538 | 1 | 14.688 |
| 10/3/2018 21:15 | 2416500 | 115.526 | 20.389 | 263.32 | 4917.576 | 5392.476 | 2.944 | 3.667 | 203.352 | 1 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 115.523 | 20.397 | 263.313 | 4917.326 | 5391.304 | 2.943 | 3.666 | 203.363 | 1 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 115.517 | 20.398 | 263.298 | 4918.828 | 5392.842 | 2.944 | 3.667 | 203.3 | 1 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 115.519 | 20.395 | 263.303 | 4917.537 | 5391.781 | 2.944 | 3.666 | 203.354 | 1 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 115.515 | 20.39 | 263.295 | 4917.246 | 5392.055 | 2.944 | 3.667 | 203.366 | 1 | 14.695 |
| 10/3/2018 22:30 | 2421000 | 115.524 | 20.396 | 263.315 | 4915.682 | 5389.609 | 2.942 | 3.665 | 203.431 | 1 | 14.692 |
| 10/3/2018 22:45 | 2421900 | 115.527 | 20.391 | 263.322 | 4918.14 | 5392.847 | 2.944 | 3.667 | 203.329 | 1 | 14.699 |
| 10/3/2018 23:00 | 2422800 | 115.528 | 20.386 | 263.325 | 4914.473 | 5389.458 | 2.942 | 3.665 | 203.481 | 1 | 14.699 |
| 10/3/2018 23:15 | 2423700 | 115.527 | 20.386 | 263.321 | 4915.425 | 5390.462 | 2.943 | 3.666 | 203.441 | 1 | 14.701 |
| 10/3/2018 23:30 | 2424600 | 115.529 | 20.411 | 263.326 | 4920.134 | 5392.854 | 2.944 | 3.667 | 203.247 | 1 | 14.697 |
| 10/3/2018 23:45 | 2425500 | 115.526 | 20.388 | 263.32 | 4915.641 | 5390.433 | 2.943 | 3.665 | 203.432 | 1 | 14.705 |

Report Date: 10/8/2018 13:14
 Report User Name: WMassoll
 Report Computer Name: WKST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MPWSP MW-6M LT Test_2018-10-04_08-37-36-017-BaroMerge.wsl
 Create Date: 10/8/2018 13:10

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP MW-6M
 Device Name:
 Serial Number: 440621
 Firmware Version: 2.01
 Hardware Version: 4
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 75
 Used Battery: 34

Log Configuration
 Log Name: MPWSP MW-6M LT Test
 Created By: WMassoll
 Computer Name: TABLET001
 Application: WinSitu.exe
 Application Version: 5.6.27.1
 Create Date: 11/16/2017 9:25:00 AM Pacific Standard Time
 Log Setup Time Zone: Pacific Standard Time
 Notes Size(Bytes): 4096
 Overwrite when full: Enabled
 Scheduled Start Time: 11/16/2017 9:30:00 AM Pacific Standard Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Depth
 Specific Gravity: 0.999

Other Log Settings
 Depth of Probe: 172.215 (ft)
 Head Pressure: 74.5853 (PSI)
 Temperature: 16.8649 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:
 Date and Time Note
 11/16/2017 9:24 Used Battery: 34% Used Memory: 78% User Name: WMassoll
 11/23/2017 13:13 Log Download - Used Battery: 34% Used Memory: 78% User Name: AVanHaltisma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 3:00:00 PM
 12/1/2017 8:20 Log Download - Used Battery: 34% Used Memory: 79% User Name: AVanHaltisma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 9:15:00 AM
 12/7/2017 9:26 Log Download - Used Battery: 35% Used Memory: 79% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 9:15:00 AM
 12/14/2017 10:38 Log Download - Used Battery: 35% Used Memory: 81% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 10:30:00 AM
 12/21/2017 7:46 Log Download - Used Battery: 35% Used Memory: 81% User Name: AVanHaltisma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 8:45:00 AM
 1/4/2018 11:13 Log Download - Used Battery: 36% Used Memory: 82% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 12:00:00 PM
 1/11/2018 11:03 Log Download - Used Battery: 36% Used Memory: 84% User Name: AVanHaltisma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 12:00:00 PM
 1/18/2018 9:06 Log Download - Used Battery: 37% Used Memory: 84% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 9:00:00 AM
 1/26/2018 9:25 Log Download - Used Battery: 37% Used Memory: 85% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 9:15:00 AM
 2/1/2018 15:05 Log Download - Used Battery: 38% Used Memory: 85% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/1/2018 3:00:00 PM
 2/8/2018 9:39 Log Download - Used Battery: 38% Used Memory: 87% User Name: AVanHaltisma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 10:30:00 AM
 2/15/2018 9:24 Log Download - Used Battery: 38% Used Memory: 87% User Name: AVanHaltisma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 10:15:00 AM
 2/22/2018 10:27 Log Download - Used Battery: 39% Used Memory: 89% User Name: WMassoll Interval - Start Time: 2/14/2018 10:00:00 PM Stop Time: 2/22/2018 10:15:00 AM
 3/1/2018 13:47 Log Download - Used Battery: 39% Used Memory: 89% User Name: WMassoll Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 3/1/2018 1:45:00 PM
 3/8/2018 11:13 Log Download - Used Battery: 39% Used Memory: 90% User Name: AVanHaltisma Interval - Start Time: 2/21/2018 10:00:00 PM Stop Time: 3/8/2018 12:00:00 PM
 3/22/2018 10:15 Log Download - Used Battery: 40% Used Memory: 92% User Name: AVanHaltisma Interval - Start Time: 3/7/2018 10:00:00 PM Stop Time: 3/22/2018 11:15:00 AM
 4/19/2018 10:09 Log Download - Used Battery: 42% Used Memory: 95% User Name: WMassoll Interval - Start Time: 3/20/2018 10:00:00 PM Stop Time: 4/19/2018 10:00:00 AM
 5/17/2018 11:04 Log Download - Used Battery: 43% Used Memory: 98% User Name: AVanHaltisma Interval - Start Time: 4/18/2018 10:00:00 PM Stop Time: 5/17/2018 12:00:00 PM
 6/14/2018 11:35 Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaltisma Interval - Start Time: 5/16/2018 10:00:00 PM Stop Time: 6/14/2018 12:30:00 PM
 7/12/2018 11:04 Log Download - Used Battery: 46% Used Memory: 107% User Name: AVanHaltisma Interval - Start Time: 6/13/2018 10:00:00 PM Stop Time: 7/12/2018 12:00:00 PM
 8/9/2018 10:15 Log Download - Used Battery: 47% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/11/2018 10:00:00 PM Stop Time: 8/9/2018 11:00:00 AM
 9/6/2018 17:26 Log Download - Used Battery: 49% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/8/2018 10:00:00 PM Stop Time: 9/6/2018 5:15:00 PM
 10/4/2018 8:33 Log Download - Used Battery: 50% Used Memory: 100% User Name: WMassoll Interval - Start Time: 9/5/2018 10:00:00 PM Stop Time: 10/4/2018 8:30:00 AM
 10/8/2018 13:10 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-10-05_15-48-09-951.wsl""

Log Data:
 Record Count: 2730

Sensors: 2
 1 440621 PCTD 100 PSIA (60.1m/197.3ft)
 2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(A) 197.3ft SNW: 440621 | Sensor: Baro-Adj Calc SNW: 000000 |
|----------------|-------------------------|--|--|--|--|--|--|--|--|--|--------------------------------------|
| | | Corrected Pressure (PSI) | Temperature (C) | Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids (ppt) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) |
| 9/6/2018 0:00 | 7200 | 56.214 | 16.917 | 129.796 | 1173.742 | 1388.037 | 0.701 | 851.976 | 0.944 | 851.976 | 14.747 |
| 9/6/2018 0:15 | 8100 | 56.201 | 16.914 | 129.766 | 1173.603 | 1388.037 | 0.701 | 852.077 | 0.944 | 852.077 | 14.751 |
| 9/6/2018 0:30 | 9000 | 56.225 | 16.913 | 129.822 | 1174.256 | 1388.755 | 0.702 | 851.603 | 0.944 | 851.603 | 14.748 |
| 9/6/2018 0:45 | 9900 | 56.228 | 16.913 | 129.829 | 1173.672 | 1388.229 | 0.701 | 852.027 | 0.944 | 852.027 | 14.753 |
| 9/6/2018 1:00 | 10800 | 56.236 | 16.913 | 129.847 | 1173.7 | 1388.122 | 0.701 | 852.007 | 0.944 | 852.007 | 14.749 |
| 9/6/2018 1:15 | 11700 | 56.237 | 16.913 | 129.849 | 1173.877 | 1388.329 | 0.702 | 851.878 | 0.944 | 851.878 | 14.753 |
| 9/6/2018 1:30 | 12600 | 56.241 | 16.914 | 129.858 | 1173.984 | 1388.42 | 0.702 | 851.8 | 0.944 | 851.8 | 14.752 |
| 9/6/2018 1:45 | 13500 | 56.249 | 16.914 | 129.876 | 1174.129 | 1388.588 | 0.702 | 851.695 | 0.944 | 851.695 | 14.752 |
| 9/6/2018 2:00 | 14400 | 56.259 | 16.914 | 129.9 | 1174.066 | 1388.52 | 0.702 | 851.741 | 0.944 | 851.741 | 14.748 |
| 9/6/2018 2:15 | 15300 | 56.258 | 16.915 | 129.852 | 1173.515 | 1387.822 | 0.701 | 852.144 | 0.944 | 852.144 | 14.75 |
| 9/6/2018 2:30 | 16200 | 56.259 | 16.913 | 129.901 | 1172.927 | 1387.186 | 0.701 | 852.568 | 0.944 | 852.568 | 14.747 |
| 9/6/2018 2:45 | 17100 | 56.269 | 16.913 | 129.923 | 1173.321 | 1387.674 | 0.701 | 852.282 | 0.944 | 852.282 | 14.745 |
| 9/6/2018 3:00 | 18000 | 56.275 | 16.912 | 129.938 | 1173.975 | 1388.458 | 0.702 | 851.807 | 0.944 | 851.807 | 14.742 |
| 9/6/2018 3:15 | 18900 | 56.278 | 16.913 | 129.944 | 1173.827 | 1388.244 | 0.702 | 851.915 | 0.944 | 851.915 | 14.741 |
| 9/6/2018 3:30 | 19800 | 56.283 | 16.913 | 129.957 | 1173.884 | 1388.335 | 0.702 | 851.873 | 0.944 | 851.873 | 14.741 |
| 9/6/2018 3:45 | 20700 | 56.297 | 16.913 | 129.985 | 1173.76 | 1387.739 | 0.701 | 852.242 | 0.944 | 852.242 | 14.735 |
| 9/6/2018 4:00 | 21600 | 56.296 | 16.914 | 129.985 | 1173.156 | 1387.449 | 0.701 | 852.401 | 0.944 | 852.401 | 14.742 |
| 9/6/2018 4:15 | 22500 | 56.301 | 16.913 | 129.998 | 1173.429 | 1387.785 | 0.701 | 852.203 | 0.944 | 852.203 | 14.74 |
| 9/6/2018 4:30 | 23400 | 56.302 | 16.914 | 130 | 1173.639 | 1388.019 | 0.701 | 852.051 | 0.944 | 852.051 | 14.743 |
| 9/6/2018 4:45 | 24300 | 56.313 | 16.912 | 130.026 | 1173.626 | 1388.065 | 0.701 | 852.06 | 0.944 | 852.06 | 14.738 |
| 9/6/2018 5:00 | 25200 | 56.322 | 16.912 | 130.046 | 1173.307 | 1387.69 | 0.701 | 852.292 | 0.944 | 852.292 | 14.736 |
| 9/6/2018 5:15 | 26100 | 56.313 | 16.913 | 130.026 | 1173.909 | 1388.38 | 0.702 | 851.855 | 0.944 | 851.855 | 14.743 |
| 9/6/2018 5:30 | 27000 | 56.325 | 16.914 | 130.052 | 1174.049 | 1388.482 | 0.702 | 851.753 | 0.944 | 851.753 | 14.747 |
| 9/6/2018 5:45 | 27900 | 56.331 | 16.914 | 130.066 | 1173.786 | 1388.189 | 0.701 | 851.944 | 0.944 | 851.944 | 14.753 |
| 9/6/2018 6:00 | 28800 | 56.336 | 16.914 | 130.079 | 1173.055 | 1387.329 | 0.701 | 852.475 | 0.944 | 852.475 | 14.757 |
| 9/6/2018 6:15 | 29700 | 56.343 | 16.914 | 130.094 | 1173.947 | 1388.373 | 0.702 | 851.827 | 0.944 | 851.827 | 14.751 |
| 9/6/2018 6:30 | 30600 | 56.35 | 16.914 | 130.111 | 1173.182 | 1387.466 | 0.701 | 852.383 | 0.944 | 852.383 | 14.753 |
| 9/6/2018 6:45 | 31500 | 56.349 | 16.913 | 130.109 | 1173.389 | 1387.74 | 0.701 | 852.233 | 0.944 | 852.233 | 14.756 |
| 9/6/2018 7:00 | 32400 | 56.353 | 16.913 | 130.117 | 1173.414 | 1387.775 | 0.701 | 852.214 | 0.944 | 852.214 | 14.759 |
| 9/6/2018 7:15 | 33300 | 56.35 | 16.915 | 130.111 | 1173.508 | 1387.835 | 0.701 | 852.146 | 0.944 | 852.146 | 14.764 |
| 9/6/2018 7:30 | 34200 | 56.351 | 16.913 | 130.112 | 1173.539 | 1387.906 | 0.701 | 852.124 | 0.944 | 852.124 | 14.764 |
| 9/6/2018 7:45 | 35100 | 56.347 | 16.914 | 130.103 | 1173.441 | 1387.782 | 0.701 | 852.195 | 0.944 | 852.195 | 14.768 |
| 9/6/2018 8:00 | 36000 | 56.354 | 16.913 | 130.121 | 1173.341 | 1387.672 | 0.701 | 852.267 | 0.944 | 852.267 | 14.764 |
| 9/6/2018 8:15 | 36900 | 56.351 | 16.913 | 130.112 | 1173.481 | 1387.163 | 0.701 | 852.594 | 0.944 | 852.594 | 14.767 |
| 9/6/2018 8:30 | 37800 | 56.354 | 16.912 | 130.12 | 1172.863 | 1387.151 | 0.701 | 852.615 | 0.944 | 852.615 | 14.764 |
| 9/6/2018 8:45 | 38700 | 56.349 | 16.912 | 130.109 | 1172.913 | 1387.197 | 0.701 | 852.578 | 0.944 | 852.578 | 14.766 |
| 9/6/2018 9:00 | 39600 | 56.349 | 16.913 | 130.107 | 1173.247 | 1387.578 | 0.701 | 852.335 | 0.944 | 852.335 | 14.763 |
| 9/6/2018 9:15 | 40500 | 56.333 | 16.913 | 130.071 | 1172.089 | 1386.189 | 0.7 | 853.177 | 0.944 | 853.177 | 14.776 |
| 9/6/2018 9:30 | 41400 | 56.334 | 16.91 | 130.073 | 1172.682 | 1386.995 | 0.701 | 852.746 | 0.943 | 852.746 | 14.769 |
| 9/6/2018 9:45 | 42300 | 56.336 | 16.913 | 130.078 | 1172.923 | 1387.2 | 0.701 | 852.571 | 0.943 | 852.571 | 14.765 |
| 9/6/2018 10:00 | 43200 | 56.325 | 16.913 | 130.052 | 1172.693 | 1386.851 | 0.701 | 852.738 | 0.943 | 852.738 | 14.771 |
| 9/6/2018 10:15 | 44100 | 56.319 | 16.911 | 130.038 | 1172.89 | 1387.218 | 0.701 | 852.595 | 0.943 | 852.595 | 14.771 |
| 9/6/2018 10:30 | 45000 | 56.319 | 16.911 | 130.039 | 1172.632 | 1386.924 | 0.701 | 852.783 | 0.943 | 852.783 | 14.763 |
| 9/6/2018 10:45 | 45900 | 56.31 | 16.912 | 130.018 | 1173.649 | 1388.076 | 0.701 | 852.043 | 0.944 | 852.043 | 14.765 |
| 9/6/2018 11:00 | 46800 | 56.298 | 16.914 | 129.991 | 1173.063 | 1387.314 | 0.701 | 852.469 | 0.943 | 852.469 | 14.774 |
| 9/6/2018 11:15 | 47700 | 56.282 | 16.913 | 129.953 | 1173.069 | 1387.353 | 0.701 | 852.465 | 0.943 | 852.465 | 14.776 |
| 9/6/2018 11:30 | 48600 | 56.299 | 16.913 | 129.985 | 1173.156 | 1387.449 | 0.701 | 852.401 | 0.944 | 852.401 | 14.771 |
| 9/6/2018 11:45 | 49500 | 56.261 | 16.914 | 129.904 | 1173.127 | 1387.409 | 0.701 | 852.423 | 0.943 | 852.423 | 14.768 |
| 9/6/2018 12:00 | 50400 | 56.244 | 16.913 | 129.866 | 1173.58 | 1387.959 | 0.701 | 852.093 | 0.944 | 852.093 | 14.769 |
| 9/6/2018 12:15 | 51300 | 56.223 | 16.913 | 129.818 | 1173.395 | 1387.739 | 0.701 | 852.228 | 0.944 | 852.228 | 14.761 |
| 9/6/2018 12:30 | 52200 | 56.224 | 16.915 | 129.819 | 1173.758 | 1388.119 | 0.701 | 851.965 | 0.944 | 851.965 | 14.767 |
| 9/6/2018 12:45 | 53100 | 56.212 | 16.913 | 129.791 | 1173.515 | 1387.892 | 0.701 | 852.141 | 0.944 | 852.141 | 14.771 |
| 9/6/2018 13:00 | 54000 | 56.209 | 16.913 | 129.785 | 1173.806 | 1388.249 | 0.701 | 851.899 | 0.944 | 851.899 | 14.765 |
| 9/6/2018 13:15 | 54900 | 56.192 | 16.914 | 129.745 | 1173.757 | 1388.137 | 0.701 | 851.965 | 0.944 | 851.965 | 14.768 |
| 9/6/2018 13:30 | 55800 | 56.187 | 16.915 | 129.733 | 1173.999 | 1388.401 | 0.702 | 851.79 | 0.944 | 851.79 | 14.766 |
| 9/6/2018 13:45 | 56700 | 56.178 | 16.914 | 129.714 | 1173.578 | 1387.923 | 0.701 | 852.095 | 0.944 | 852.095 | 14.766 |
| 9/6/2018 14:00 | 57600 | 56.173 | 16.914 | 129.702 | 1173.161 | 1387.452 | 0.701 | 852.398 | 0.943 | 852.398 | 14.762 |
| 9/6/2018 14:15 | 58500 | 56.161 | 16.914 | 129.674 | 1173.333 | 1387.655 | 0.701 | 852.273 | 0.944 | 852.273 | 14.763 |
| 9/6/2018 14:30 | 59400 | 56.139 | 16.913 | | | | | | | | |

| | | | | | | | | | | | |
|----------------|--------|--------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/7/2018 3:30 | 106200 | 56.375 | 16.913 | 130.167 | 1172.884 | 1387.16 | 0.701 | 0.943 | 852.599 | 0.999 | 14.74 |
| 9/7/2018 3:45 | 107100 | 56.38 | 16.912 | 130.18 | 1173.288 | 1387.651 | 0.701 | 0.944 | 852.306 | 0.999 | 14.74 |
| 9/7/2018 4:00 | 108000 | 56.378 | 16.912 | 130.174 | 1172.919 | 1387.223 | 0.701 | 0.943 | 852.574 | 0.999 | 14.748 |
| 9/7/2018 4:15 | 108900 | 56.371 | 16.914 | 130.16 | 1172.902 | 1387.124 | 0.701 | 0.943 | 852.586 | 0.999 | 14.74 |
| 9/7/2018 4:30 | 109800 | 56.386 | 16.913 | 130.193 | 1172.802 | 1387.047 | 0.701 | 0.943 | 852.659 | 0.999 | 14.748 |
| 9/7/2018 4:45 | 110700 | 56.4 | 16.912 | 130.226 | 1173.015 | 1387.317 | 0.701 | 0.943 | 852.504 | 0.999 | 14.742 |
| 9/7/2018 5:00 | 111600 | 56.402 | 16.913 | 130.23 | 1173.087 | 1387.361 | 0.701 | 0.943 | 852.452 | 0.999 | 14.74 |
| 9/7/2018 5:15 | 112500 | 56.418 | 16.913 | 130.268 | 1173.178 | 1387.502 | 0.701 | 0.944 | 852.386 | 0.999 | 14.731 |
| 9/7/2018 5:30 | 113400 | 56.41 | 16.913 | 130.249 | 1172.855 | 1387.096 | 0.701 | 0.943 | 852.62 | 0.999 | 14.73 |
| 9/7/2018 5:45 | 114300 | 56.426 | 16.914 | 130.286 | 1172.639 | 1386.828 | 0.701 | 0.943 | 852.778 | 0.999 | 14.736 |
| 9/7/2018 6:00 | 115200 | 56.413 | 16.913 | 130.256 | 1172.519 | 1386.728 | 0.701 | 0.943 | 852.865 | 0.999 | 14.735 |
| 9/7/2018 6:15 | 116100 | 56.437 | 16.914 | 130.311 | 1172.564 | 1386.746 | 0.701 | 0.943 | 852.832 | 0.999 | 14.739 |
| 9/7/2018 6:30 | 117000 | 56.439 | 16.914 | 130.315 | 1170.745 | 1387.192 | 0.701 | 0.943 | 852.552 | 0.999 | 14.741 |
| 9/7/2018 6:45 | 117900 | 56.442 | 16.914 | 130.322 | 1172.077 | 1386.169 | 0.7 | 0.943 | 853.186 | 0.999 | 14.748 |
| 9/7/2018 7:00 | 118800 | 56.444 | 16.912 | 130.327 | 1172.518 | 1386.757 | 0.701 | 0.943 | 852.865 | 0.999 | 14.748 |
| 9/7/2018 7:15 | 119700 | 56.45 | 16.912 | 130.342 | 1173.021 | 1387.347 | 0.701 | 0.943 | 852.499 | 0.999 | 14.747 |
| 9/7/2018 7:30 | 120600 | 56.465 | 16.913 | 130.377 | 1172.485 | 1386.669 | 0.701 | 0.943 | 852.889 | 0.999 | 14.739 |
| 9/7/2018 7:45 | 121500 | 56.464 | 16.913 | 130.373 | 1172.8 | 1387.055 | 0.701 | 0.943 | 852.666 | 0.999 | 14.747 |
| 9/7/2018 8:00 | 122400 | 56.471 | 16.913 | 130.39 | 1172.87 | 1387.187 | 0.701 | 0.943 | 852.568 | 0.999 | 14.748 |
| 9/7/2018 8:15 | 123300 | 56.475 | 16.913 | 130.4 | 1172.512 | 1386.706 | 0.701 | 0.943 | 852.87 | 0.999 | 14.75 |
| 9/7/2018 8:30 | 124200 | 56.483 | 16.913 | 130.418 | 1172.522 | 1386.712 | 0.701 | 0.943 | 852.863 | 0.999 | 14.748 |
| 9/7/2018 8:45 | 125100 | 56.465 | 16.912 | 130.376 | 1172.852 | 1387.132 | 0.701 | 0.943 | 852.623 | 0.999 | 14.751 |
| 9/7/2018 9:00 | 126000 | 56.49 | 16.914 | 130.434 | 1172.548 | 1386.729 | 0.701 | 0.943 | 852.844 | 0.999 | 14.744 |
| 9/7/2018 9:15 | 126900 | 56.485 | 16.915 | 130.422 | 1172.814 | 1387.011 | 0.701 | 0.943 | 852.65 | 0.999 | 14.751 |
| 9/7/2018 9:30 | 127800 | 56.488 | 16.913 | 130.429 | 1172.856 | 1386.536 | 0.701 | 0.943 | 852.546 | 0.999 | 14.751 |
| 9/7/2018 9:45 | 128700 | 56.484 | 16.913 | 130.42 | 1172.451 | 1386.636 | 0.701 | 0.943 | 852.914 | 0.999 | 14.755 |
| 9/7/2018 10:00 | 129600 | 56.494 | 16.913 | 130.443 | 1172.075 | 1386.203 | 0.7 | 0.943 | 853.187 | 0.999 | 14.749 |
| 9/7/2018 10:15 | 130500 | 56.488 | 16.914 | 130.43 | 1172.335 | 1386.461 | 0.701 | 0.943 | 852.998 | 0.999 | 14.752 |
| 9/7/2018 10:30 | 131400 | 56.485 | 16.913 | 130.422 | 1171.592 | 1385.621 | 0.7 | 0.942 | 853.539 | 0.999 | 14.751 |
| 9/7/2018 10:45 | 132300 | 56.477 | 16.912 | 130.404 | 1172.413 | 1386.605 | 0.701 | 0.943 | 852.942 | 0.999 | 14.757 |
| 9/7/2018 11:00 | 133200 | 56.478 | 16.913 | 130.406 | 1172.225 | 1386.345 | 0.701 | 0.943 | 852.678 | 0.999 | 14.752 |
| 9/7/2018 11:15 | 134100 | 56.466 | 16.912 | 130.377 | 1172.51 | 1386.732 | 0.701 | 0.943 | 852.871 | 0.999 | 14.756 |
| 9/7/2018 11:30 | 135000 | 56.463 | 16.913 | 130.372 | 1173.045 | 1387.336 | 0.701 | 0.943 | 852.482 | 0.999 | 14.751 |
| 9/7/2018 11:45 | 135900 | 56.468 | 16.913 | 130.382 | 1172.768 | 1387 | 0.701 | 0.943 | 852.683 | 0.999 | 14.747 |
| 9/7/2018 12:00 | 136800 | 56.451 | 16.911 | 130.343 | 1172.553 | 1386.812 | 0.701 | 0.943 | 852.84 | 0.999 | 14.754 |
| 9/7/2018 12:15 | 137700 | 56.453 | 16.913 | 130.349 | 1171.964 | 1386.071 | 0.7 | 0.943 | 853.269 | 0.999 | 14.749 |
| 9/7/2018 12:30 | 138600 | 56.444 | 16.913 | 130.327 | 1172.973 | 1387.241 | 0.701 | 0.943 | 852.344 | 0.999 | 14.747 |
| 9/7/2018 12:45 | 139500 | 56.442 | 16.913 | 130.323 | 1172.498 | 1386.685 | 0.701 | 0.943 | 852.88 | 0.999 | 14.744 |
| 9/7/2018 13:00 | 140400 | 56.438 | 16.913 | 130.314 | 1172.425 | 1386.611 | 0.701 | 0.943 | 852.933 | 0.999 | 14.743 |
| 9/7/2018 13:15 | 141300 | 56.43 | 16.913 | 130.294 | 1172.434 | 1386.616 | 0.701 | 0.943 | 852.927 | 0.999 | 14.743 |
| 9/7/2018 13:30 | 142200 | 56.416 | 16.913 | 130.262 | 1171.923 | 1386.001 | 0.7 | 0.942 | 853.298 | 0.999 | 14.749 |
| 9/7/2018 13:45 | 143100 | 56.411 | 16.912 | 130.251 | 1171.785 | 1385.882 | 0.7 | 0.942 | 853.399 | 0.999 | 14.744 |
| 9/7/2018 14:00 | 144000 | 56.409 | 16.913 | 130.248 | 1172.571 | 1386.778 | 0.701 | 0.943 | 852.827 | 0.999 | 14.742 |
| 9/7/2018 14:15 | 144900 | 56.398 | 16.911 | 130.222 | 1172.206 | 1386.394 | 0.701 | 0.943 | 853.092 | 0.999 | 14.74 |
| 9/7/2018 14:30 | 145800 | 56.384 | 16.912 | 130.188 | 1171.793 | 1385.888 | 0.7 | 0.942 | 853.393 | 0.999 | 14.742 |
| 9/7/2018 14:45 | 146700 | 56.388 | 16.911 | 130.151 | 1172.736 | 1387.02 | 0.701 | 0.943 | 852.707 | 0.999 | 14.737 |
| 9/7/2018 15:00 | 147600 | 56.369 | 16.913 | 130.153 | 1173.065 | 1387.371 | 0.701 | 0.943 | 852.468 | 0.999 | 14.741 |
| 9/7/2018 15:15 | 148500 | 56.362 | 16.913 | 130.139 | 1171.87 | 1385.942 | 0.7 | 0.942 | 853.337 | 0.999 | 14.741 |
| 9/7/2018 15:30 | 149400 | 56.347 | 16.914 | 130.103 | 1171.953 | 1386.022 | 0.7 | 0.942 | 853.277 | 0.999 | 14.737 |
| 9/7/2018 15:45 | 150300 | 56.334 | 16.912 | 130.073 | 1172.538 | 1386.77 | 0.701 | 0.943 | 852.851 | 0.999 | 14.74 |
| 9/7/2018 16:00 | 151200 | 56.329 | 16.911 | 130.063 | 1172.728 | 1387.03 | 0.701 | 0.943 | 852.713 | 0.999 | 14.733 |
| 9/7/2018 16:15 | 152100 | 56.321 | 16.912 | 130.044 | 1172.256 | 1386.43 | 0.701 | 0.943 | 853.056 | 0.999 | 14.732 |
| 9/7/2018 16:30 | 153000 | 56.306 | 16.914 | 130.01 | 1173.122 | 1387.395 | 0.701 | 0.943 | 852.426 | 0.999 | 14.73 |
| 9/7/2018 16:45 | 153900 | 56.297 | 16.911 | 129.988 | 1173.078 | 1387.428 | 0.701 | 0.943 | 852.458 | 0.999 | 14.731 |
| 9/7/2018 17:00 | 154800 | 56.271 | 16.913 | 129.927 | 1172.796 | 1387.041 | 0.701 | 0.943 | 852.664 | 0.999 | 14.729 |
| 9/7/2018 17:15 | 155700 | 56.276 | 16.913 | 129.939 | 1173.037 | 1387.31 | 0.701 | 0.943 | 852.488 | 0.999 | 14.732 |
| 9/7/2018 17:30 | 156600 | 56.277 | 16.913 | 129.942 | 1173.193 | 1387.525 | 0.701 | 0.944 | 852.375 | 0.999 | 14.725 |
| 9/7/2018 17:45 | 157500 | 56.266 | 16.914 | 129.917 | 1172.385 | 1386.525 | 0.701 | 0.943 | 852.962 | 0.999 | 14.73 |
| 9/7/2018 18:00 | 158400 | 56.242 | 16.913 | 129.86 | 1172.55 | 1386.751 | 0.701 | 0.943 | 852.842 | 0.999 | 14.732 |
| 9/7/2018 18:15 | 159300 | 56.256 | 16.913 | 129.894 | 1172.914 | 1387.165 | 0.701 | 0.943 | 852.578 | 0.999 | 14.728 |
| 9/7/2018 18:30 | 160200 | 56.247 | 16.914 | 129.873 | 1172.767 | 1386.977 | 0.701 | 0.943 | 852.685 | 0.999 | 14.73 |
| 9/7/2018 18:45 | 161100 | 56.231 | 16.913 | 129.825 | 1172.954 | 1387.224 | 0.701 | 0.943 | 852.548 | 0.999 | 14.725 |
| 9/7/2018 19:00 | 162000 | 56.241 | 16.914 | 129.859 | 1173.003 | 1387.251 | 0.701 | 0.943 | 852.512 | 0.999 | 14.724 |
| 9/7/2018 19:15 | 162900 | 56.235 | 16.913 | 129.845 | 1172.855 | 1387.11 | 0.701 | 0.943 | 852.62 | 0.999 | 14.724 |
| 9/7/2018 19:30 | 163800 | 56.23 | 16.914 | 129.834 | 1172.473 | 1386.629 | 0.701 | 0.943 | 852.898 | 0.999 | 14.722 |
| 9/7/2018 19:45 | 164700 | 56.22 | 16.912 | 129.81 | 1172.873 | 1387.155 | 0.701 | 0.943 | 852.607 | 0.999 | 14.729 |
| 9/7/2018 20:00 | 165600 | 56.223 | 16.913 | 129.816 | 1172.105 | 1386.224 | 0.7 | 0.943 | 853.166 | 0.999 | 14.723 |
| 9/7/2018 20:15 | 166500 | 56.218 | 16.913 | 129.805 | 1172.865 | 1387.149 | 0.701 | 0.943 | 852.697 | 0.999 | 14.732 |
| 9/7/2018 20:30 | 167400 | 56.222 | 16.915 | 129.814 | 1172.865 | 1387.06 | 0.701 | 0.943 | 852.613 | 0.999 | 14.724 |
| 9/7/2018 20:45 | 168300 | 56.211 | 16.914 | 129.789 | 1172.959 | 1387.213 | 0.701 | 0.943 | 852.544 | 0.999 | 14.721 |
| 9/7/2018 21:00 | 169200 | 56.208 | 16.913 | 129.782 | 1172.76 | 1387.01 | 0.701 | 0.943 | 852.689 | 0.999 | 14.727 |
| 9/7/2018 21:15 | 170100 | 56.23 | 16.913 | 129.834 | 1172.786 | 1387.024 | 0.701 | 0.943 | 852.671 | 0.999 | 14.723 |
| 9/7/2018 21:30 | 171000 | 56.232 | 16.913 | 129.838 | 1172.691 | 1386.931 | 0.701 | 0.943 | 852.74 | 0.999 | 14.724 |
| 9/7/2018 21:45 | 171900 | 56.236 | 16.913 | 129.846 | 1172.927 | 1387.27 | 0.701 | 0.943 | 853.004 | 0.999 | 14.722 |
| 9/7/2018 22:00 | 172800 | 56.238 | 16.914 | 129.852 | 1172.592 | 1386.762 | 0.701 | 0.943 | 852.812 | 0.999 | 14.726 |
| 9/7/2018 22:15 | 173700 | 56.241 | 16.914 | 129.86 | 1172.605 | 1386.772 | 0.701 | 0.943 | 852.802 | 0.999 | 14.726 |
| 9/7/2018 22:30 | 174600 | 56.241 | 16.911 | 129.858 | 1172.632 | 1386.897 | 0.701 | 0.943 | 852.783 | 0.999 | 14.728 |
| 9/7/2018 22:45 | 175500 | 56.243 | 16.914 | 129.863 | 1172.567 | 1386.74 | 0.701 | 0.943 | 852.83 | 0.999 | 14.727 |
| 9/7/2018 23:00 | 176400 | 56.251 | 16.914 | 129.881 | 1172.393 | 1386.532 | 0.701 | 0.943 | 852.956 | 0.999 | 14.728 |
| 9/7/2018 23:15 | 177300 | 56.251 | 16.913 | 129.881 | 1172.661 | 1386.868 | 0.701 | 0.943 | 852.765 | 0.999 | 14.726 |
| 9/7/2018 23:30 | 178200 | 56.261 | 16.914 | 129.905 | 1172.665 | 1386.504 | 0.701 | 0.943 | 852.977 | 0.999 | 14.726 |
| 9/7/2018 23:45 | 179100 | 56.262 | 16.915 | 129.907 | 1172.52 | 1386.666 | 0.701 | 0.943 | 852.864 | 0.999 | 14.73 |
| 9/8/2018 0:00 | 180000 | 56.267 | 16.912 | 129.919 | 1172.513 | 1386.729 | 0.701 | 0.943 | 852.869 | 0.999 | 14.73 |
| 9/8/2018 0:15 | 180900 | 56.272 | 16.914 | 129.93 | 1172.68 | 1386.871 | 0.701 | 0.943 | 852.748 | 0.999 | 14.728 |
| 9/8/2018 0:30 | 181800 | | | | | | | | | | |

| | | | | | | | | | | | |
|----------------|--------|--------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/9/2018 8:15 | 296100 | 56.386 | 16.91 | 130.193 | 1170.394 | 1384.286 | 0.699 | 0.941 | 854.413 | 0.999 | 14.693 |
| 9/9/2018 8:30 | 297000 | 56.4 | 16.911 | 130.226 | 1170.516 | 1384.405 | 0.699 | 0.941 | 854.324 | 0.999 | 14.695 |
| 9/9/2018 8:45 | 297900 | 56.406 | 16.911 | 130.24 | 1170.448 | 1384.333 | 0.699 | 0.941 | 854.374 | 0.999 | 14.695 |
| 9/9/2018 9:00 | 298800 | 56.407 | 16.911 | 130.242 | 1170.275 | 1384.118 | 0.699 | 0.941 | 854.5 | 0.999 | 14.696 |
| 9/9/2018 9:15 | 299700 | 56.411 | 16.911 | 130.252 | 1170.595 | 1384.516 | 0.7 | 0.941 | 854.266 | 0.999 | 14.696 |
| 9/9/2018 9:30 | 300600 | 56.415 | 16.91 | 130.261 | 1170.277 | 1384.161 | 0.699 | 0.941 | 854.499 | 0.999 | 14.698 |
| 9/9/2018 9:45 | 301500 | 56.42 | 16.911 | 130.3 | 1170.065 | 1383.845 | 0.699 | 0.941 | 854.654 | 0.999 | 14.692 |
| 9/9/2018 10:00 | 302400 | 56.431 | 16.913 | 130.297 | 1170.211 | 1383.968 | 0.699 | 0.941 | 854.547 | 0.999 | 14.693 |
| 9/9/2018 10:15 | 303300 | 56.432 | 16.911 | 130.3 | 1169.807 | 1383.567 | 0.699 | 0.941 | 854.842 | 0.999 | 14.698 |
| 9/9/2018 10:30 | 304200 | 56.441 | 16.911 | 130.321 | 1169.628 | 1383.35 | 0.699 | 0.941 | 854.973 | 0.999 | 14.692 |
| 9/9/2018 10:45 | 305100 | 56.442 | 16.91 | 130.324 | 1169.573 | 1383.328 | 0.699 | 0.941 | 855.013 | 0.999 | 14.693 |
| 9/9/2018 11:00 | 306000 | 56.449 | 16.913 | 130.338 | 1169.958 | 1383.694 | 0.699 | 0.941 | 854.731 | 0.999 | 14.693 |
| 9/9/2018 11:15 | 306900 | 56.456 | 16.91 | 130.345 | 1169.733 | 1383.565 | 0.699 | 0.941 | 854.896 | 0.999 | 14.689 |
| 9/9/2018 11:30 | 307800 | 56.46 | 16.909 | 130.364 | 1169.807 | 1383.638 | 0.699 | 0.941 | 854.842 | 0.999 | 14.692 |
| 9/9/2018 11:45 | 308700 | 56.45 | 16.909 | 130.342 | 1169.955 | 1383.819 | 0.699 | 0.941 | 854.733 | 0.999 | 14.687 |
| 9/9/2018 12:00 | 309600 | 56.464 | 16.91 | 130.373 | 1169.568 | 1383.328 | 0.699 | 0.941 | 855.017 | 0.999 | 14.692 |
| 9/9/2018 12:15 | 310500 | 56.474 | 16.91 | 130.397 | 1169.57 | 1383.32 | 0.699 | 0.941 | 855.015 | 0.999 | 14.689 |
| 9/9/2018 12:30 | 311400 | 56.476 | 16.91 | 130.402 | 1169.648 | 1383.401 | 0.699 | 0.941 | 854.958 | 0.999 | 14.689 |
| 9/9/2018 12:45 | 312300 | 56.478 | 16.908 | 130.425 | 1169.901 | 1383.206 | 0.699 | 0.94 | 855.212 | 0.999 | 14.687 |
| 9/9/2018 13:00 | 313200 | 56.488 | 16.912 | 130.429 | 1169.494 | 1383.166 | 0.699 | 0.941 | 855.071 | 0.999 | 14.684 |
| 9/9/2018 13:15 | 314100 | 56.472 | 16.91 | 130.393 | 1169.604 | 1383.35 | 0.699 | 0.941 | 854.99 | 0.999 | 14.69 |
| 9/9/2018 13:30 | 315000 | 56.472 | 16.911 | 130.393 | 1169.586 | 1383.292 | 0.699 | 0.941 | 855.003 | 0.999 | 14.692 |
| 9/9/2018 13:45 | 315900 | 56.498 | 16.911 | 130.451 | 1169.855 | 1383.618 | 0.699 | 0.941 | 854.807 | 0.999 | 14.688 |
| 9/9/2018 14:00 | 316800 | 56.483 | 16.911 | 130.418 | 1169.244 | 1382.901 | 0.699 | 0.94 | 855.253 | 0.999 | 14.691 |
| 9/9/2018 14:15 | 317700 | 56.507 | 16.91 | 130.473 | 1169.022 | 1382.717 | 0.699 | 0.94 | 855.386 | 0.999 | 14.685 |
| 9/9/2018 14:30 | 318600 | 56.505 | 16.911 | 130.469 | 1169.655 | 1383.395 | 0.699 | 0.941 | 854.953 | 0.999 | 14.687 |
| 9/9/2018 14:45 | 319500 | 56.505 | 16.91 | 130.468 | 1169.551 | 1383.31 | 0.699 | 0.941 | 855.029 | 0.999 | 14.689 |
| 9/9/2018 15:00 | 320400 | 56.512 | 16.911 | 130.483 | 1169.307 | 1382.986 | 0.699 | 0.94 | 855.208 | 0.999 | 14.681 |
| 9/9/2018 15:15 | 321300 | 56.522 | 16.912 | 130.509 | 1168.788 | 1382.345 | 0.698 | 0.94 | 855.587 | 0.999 | 14.679 |
| 9/9/2018 15:30 | 322200 | 56.524 | 16.909 | 130.511 | 1169.112 | 1382.811 | 0.699 | 0.94 | 855.35 | 0.999 | 14.675 |
| 9/9/2018 15:45 | 323100 | 56.529 | 16.909 | 130.523 | 1168.965 | 1382.648 | 0.699 | 0.94 | 855.457 | 0.999 | 14.674 |
| 9/9/2018 16:00 | 324000 | 56.531 | 16.911 | 130.528 | 1169.589 | 1383.326 | 0.699 | 0.941 | 855.001 | 0.999 | 14.679 |
| 9/9/2018 16:15 | 324900 | 56.533 | 16.911 | 130.534 | 1169.198 | 1382.849 | 0.699 | 0.94 | 855.287 | 0.999 | 14.683 |
| 9/9/2018 16:30 | 325800 | 56.546 | 16.91 | 130.563 | 1169.276 | 1382.972 | 0.699 | 0.94 | 855.23 | 0.999 | 14.678 |
| 9/9/2018 16:45 | 326700 | 56.553 | 16.91 | 130.58 | 1169.379 | 1383.104 | 0.699 | 0.941 | 855.155 | 0.999 | 14.676 |
| 9/9/2018 17:00 | 327600 | 56.563 | 16.91 | 130.603 | 1169.479 | 1383.204 | 0.699 | 0.941 | 855.081 | 0.999 | 14.673 |
| 9/9/2018 17:15 | 328500 | 56.553 | 16.91 | 130.58 | 1169.45 | 1383.37 | 0.699 | 0.941 | 854.982 | 0.999 | 14.673 |
| 9/9/2018 17:30 | 329400 | 56.576 | 16.912 | 130.632 | 1169.831 | 1383.56 | 0.699 | 0.941 | 854.824 | 0.999 | 14.671 |
| 9/9/2018 17:45 | 330300 | 56.583 | 16.912 | 130.647 | 1169.512 | 1383.202 | 0.699 | 0.941 | 855.057 | 0.999 | 14.671 |
| 9/9/2018 18:00 | 331200 | 56.583 | 16.909 | 130.648 | 1168.92 | 1382.581 | 0.699 | 0.94 | 855.491 | 0.999 | 14.672 |
| 9/9/2018 18:15 | 332100 | 56.594 | 16.909 | 130.675 | 1168.626 | 1382.244 | 0.698 | 0.94 | 855.706 | 0.999 | 14.669 |
| 9/9/2018 18:30 | 333000 | 56.605 | 16.909 | 130.699 | 1168.643 | 1382.251 | 0.698 | 0.94 | 855.693 | 0.999 | 14.662 |
| 9/9/2018 18:45 | 333900 | 56.613 | 16.911 | 130.717 | 1169.239 | 1382.887 | 0.699 | 0.94 | 855.257 | 0.999 | 14.665 |
| 9/9/2018 19:00 | 334800 | 56.625 | 16.909 | 130.746 | 1168.529 | 1382.116 | 0.698 | 0.94 | 855.776 | 0.999 | 14.66 |
| 9/9/2018 19:15 | 335700 | 56.624 | 16.91 | 130.743 | 1168.728 | 1382.315 | 0.698 | 0.94 | 855.631 | 0.999 | 14.666 |
| 9/9/2018 19:30 | 336600 | 56.612 | 16.909 | 130.714 | 1168.861 | 1382.505 | 0.698 | 0.94 | 855.534 | 0.999 | 14.665 |
| 9/9/2018 19:45 | 337500 | 56.64 | 16.909 | 130.779 | 1169.25 | 1382.985 | 0.699 | 0.94 | 855.249 | 0.999 | 14.665 |
| 9/9/2018 20:00 | 338400 | 56.644 | 16.91 | 130.789 | 1169.266 | 1382.954 | 0.699 | 0.94 | 855.238 | 0.999 | 14.668 |
| 9/9/2018 20:15 | 339300 | 56.639 | 16.91 | 130.778 | 1169.786 | 1383.573 | 0.699 | 0.941 | 854.857 | 0.999 | 14.669 |
| 9/9/2018 20:30 | 340200 | 56.652 | 16.911 | 130.807 | 1169.004 | 1382.625 | 0.699 | 0.94 | 855.429 | 0.999 | 14.67 |
| 9/9/2018 20:45 | 341100 | 56.661 | 16.912 | 130.829 | 1169.017 | 1382.614 | 0.699 | 0.94 | 855.419 | 0.999 | 14.67 |
| 9/9/2018 21:00 | 342000 | 56.658 | 16.911 | 130.822 | 1168.369 | 1381.875 | 0.698 | 0.94 | 855.894 | 0.999 | 14.679 |
| 9/9/2018 21:15 | 342900 | 56.667 | 16.911 | 130.843 | 1168.705 | 1382.252 | 0.698 | 0.94 | 855.648 | 0.999 | 14.681 |
| 9/9/2018 21:30 | 343800 | 56.673 | 16.912 | 130.856 | 1168.742 | 1382.281 | 0.698 | 0.94 | 855.621 | 0.999 | 14.683 |
| 9/9/2018 21:45 | 344700 | 56.674 | 16.912 | 130.86 | 1169.286 | 1382.926 | 0.699 | 0.94 | 855.223 | 0.999 | 14.686 |
| 9/9/2018 22:00 | 345600 | 56.678 | 16.91 | 130.867 | 1169.148 | 1382.815 | 0.699 | 0.94 | 855.324 | 0.999 | 14.684 |
| 9/9/2018 22:15 | 346500 | 56.685 | 16.91 | 130.883 | 1169.893 | 1383.701 | 0.699 | 0.941 | 854.779 | 0.999 | 14.688 |
| 9/9/2018 22:30 | 347400 | 56.691 | 16.911 | 130.897 | 1170.143 | 1383.967 | 0.699 | 0.941 | 854.597 | 0.999 | 14.686 |
| 9/9/2018 22:45 | 348300 | 56.699 | 16.91 | 130.916 | 1169.299 | 1382.991 | 0.699 | 0.94 | 855.213 | 0.999 | 14.685 |
| 9/9/2018 23:00 | 349200 | 56.689 | 16.911 | 130.892 | 1168.475 | 1382 | 0.698 | 0.94 | 855.816 | 0.999 | 14.685 |
| 9/9/2018 23:15 | 350100 | 56.711 | 16.91 | 130.945 | 1168.811 | 1382.436 | 0.698 | 0.94 | 855.577 | 0.999 | 14.689 |
| 9/9/2018 23:30 | 351000 | 56.723 | 16.911 | 130.973 | 1169.175 | 1382.816 | 0.699 | 0.94 | 855.404 | 0.999 | 14.684 |
| 9/9/2018 23:45 | 351900 | 56.725 | 16.911 | 130.977 | 1169.46 | 1383.159 | 0.699 | 0.941 | 855.096 | 0.999 | 14.686 |
| 9/10/2018 0:00 | 352800 | 56.733 | 16.91 | 130.995 | 1169.28 | 1382.968 | 0.699 | 0.94 | 855.227 | 0.999 | 14.687 |
| 9/10/2018 0:15 | 353700 | 56.731 | 16.912 | 130.989 | 1169.66 | 1383.368 | 0.699 | 0.941 | 854.949 | 0.999 | 14.692 |
| 9/10/2018 0:30 | 354600 | 56.749 | 16.911 | 131.031 | 1169.626 | 1383.355 | 0.699 | 0.941 | 854.974 | 0.999 | 14.681 |
| 9/10/2018 0:45 | 355500 | 56.749 | 16.91 | 131.033 | 1169.185 | 1382.873 | 0.699 | 0.94 | 855.296 | 0.999 | 14.684 |
| 9/10/2018 1:00 | 356400 | 56.761 | 16.911 | 131.059 | 1169.561 | 1383.298 | 0.699 | 0.941 | 855.022 | 0.999 | 14.682 |
| 9/10/2018 1:15 | 357300 | 56.771 | 16.911 | 131.083 | 1169.549 | 1383.276 | 0.699 | 0.941 | 855.03 | 0.999 | 14.681 |
| 9/10/2018 1:30 | 358200 | 56.753 | 16.911 | 131.04 | 1169.682 | 1383.43 | 0.699 | 0.941 | 854.933 | 0.999 | 14.688 |
| 9/10/2018 1:45 | 359100 | 56.784 | 16.912 | 131.111 | 1169.59 | 1383.267 | 0.699 | 0.941 | 855 | 0.999 | 14.681 |
| 9/10/2018 2:00 | 360000 | 56.78 | 16.911 | 131.104 | 1169.611 | 1383.29 | 0.699 | 0.941 | 854.985 | 0.999 | 14.688 |
| 9/10/2018 2:15 | 360900 | 56.783 | 16.911 | 131.109 | 1169.844 | 1383.613 | 0.699 | 0.941 | 854.815 | 0.999 | 14.689 |
| 9/10/2018 2:30 | 361800 | 56.794 | 16.912 | 131.135 | 1169.912 | 1383.661 | 0.699 | 0.941 | 854.774 | 0.999 | 14.684 |
| 9/10/2018 2:45 | 362700 | 56.804 | 16.91 | 131.158 | 1169.249 | 1382.953 | 0.699 | 0.94 | 855.25 | 0.999 | 14.686 |
| 9/10/2018 3:00 | 363600 | 56.804 | 16.909 | 131.159 | 1169.068 | 1382.746 | 0.699 | 0.94 | 855.382 | 0.999 | 14.687 |
| 9/10/2018 3:15 | 364500 | 56.814 | 16.911 | 131.181 | 1169.732 | 1383.481 | 0.699 | 0.941 | 854.897 | 0.999 | 14.686 |
| 9/10/2018 3:30 | 365400 | 56.823 | 16.912 | 131.203 | 1169.434 | 1383.096 | 0.699 | 0.941 | 855.115 | 0.999 | 14.681 |
| 9/10/2018 3:45 | 366300 | 56.827 | 16.911 | 131.211 | 1169.394 | 1383.078 | 0.699 | 0.94 | 855.144 | 0.999 | 14.68 |
| 9/10/2018 4:00 | 367200 | 56.832 | 16.91 | 131.223 | 1169.954 | 1383.776 | 0.699 | 0.941 | 854.735 | 0.999 | 14.682 |
| 9/10/2018 4:15 | 368100 | 56.842 | 16.911 | 131.247 | 1170.009 | 1383.812 | 0.699 | 0.941 | 854.694 | 0.999 | 14.677 |
| 9/10/2018 4:30 | 369000 | 56.84 | 16.912 | 131.241 | 1169.489 | 1383.164 | 0.699 | 0.941 | 855.074 | 0.999 | 14.684 |
| 9/10/2018 4:45 | 369900 | 56.857 | 16.91 | 131.28 | 1169.087 | 1382.745 | 0.699 | 0.94 | 855.369 | 0.999 | 14.675 |
| 9/10/2018 5:00 | 370800 | 56.863 | 16.911 | 131.295 | 1169.12 | 1382.766 | 0.699 | 0.94 | 855.344 | 0.999 | 14.679 |
| 9/10/2018 5:15 | 371700 | 56.869 | | | | | | | | | |

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|-----------------|--------|--------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/11/2018 13:00 | 486000 | 56.697 | 16.909 | 130.912 | 1166.327 | 1379.522 | 0.697 | 0.938 | 857.392 | 0.999 | 14.688 |
| 9/11/2018 13:15 | 486900 | 56.689 | 16.908 | 130.894 | 1166.105 | 1379.274 | 0.697 | 0.938 | 857.555 | 0.999 | 14.682 |
| 9/11/2018 13:30 | 487800 | 56.685 | 16.908 | 130.884 | 1166.543 | 1379.792 | 0.697 | 0.938 | 857.234 | 0.999 | 14.679 |
| 9/11/2018 13:45 | 488700 | 56.675 | 16.908 | 130.86 | 1166.462 | 1379.709 | 0.697 | 0.938 | 857.293 | 0.999 | 14.68 |
| 9/11/2018 14:00 | 489600 | 56.656 | 16.908 | 130.816 | 1166.498 | 1379.741 | 0.697 | 0.938 | 857.267 | 0.999 | 14.687 |
| 9/11/2018 14:15 | 490500 | 56.661 | 16.909 | 130.827 | 1166.579 | 1379.818 | 0.697 | 0.938 | 857.207 | 0.999 | 14.679 |
| 9/11/2018 14:30 | 491400 | 56.661 | 16.909 | 130.827 | 1166.534 | 1379.775 | 0.697 | 0.938 | 857.24 | 0.999 | 14.678 |
| 9/11/2018 14:45 | 492300 | 56.665 | 16.909 | 130.838 | 1166.872 | 1380.169 | 0.697 | 0.939 | 856.992 | 0.999 | 14.671 |
| 9/11/2018 15:00 | 493200 | 56.642 | 16.909 | 130.784 | 1166.944 | 1380.246 | 0.697 | 0.939 | 856.939 | 0.999 | 14.676 |
| 9/11/2018 15:15 | 494100 | 56.646 | 16.908 | 130.794 | 1167.287 | 1380.667 | 0.698 | 0.939 | 856.687 | 0.999 | 14.667 |
| 9/11/2018 15:30 | 495000 | 56.659 | 16.909 | 130.825 | 1167.209 | 1380.568 | 0.697 | 0.939 | 856.744 | 0.999 | 14.666 |
| 9/11/2018 15:45 | 495900 | 56.643 | 16.908 | 130.787 | 1166.709 | 1379.999 | 0.697 | 0.938 | 857.112 | 0.999 | 14.665 |
| 9/11/2018 16:00 | 496800 | 56.643 | 16.908 | 130.786 | 1166.334 | 1379.885 | 0.697 | 0.938 | 857.387 | 0.999 | 14.665 |
| 9/11/2018 16:15 | 497700 | 56.652 | 16.909 | 130.807 | 1166.548 | 1379.767 | 0.697 | 0.938 | 857.23 | 0.999 | 14.668 |
| 9/11/2018 16:30 | 498600 | 56.65 | 16.911 | 130.804 | 1166.501 | 1379.671 | 0.697 | 0.938 | 857.264 | 0.999 | 14.669 |
| 9/11/2018 16:45 | 499500 | 56.652 | 16.909 | 130.807 | 1166.92 | 1380.202 | 0.697 | 0.939 | 856.957 | 0.999 | 14.67 |
| 9/11/2018 17:00 | 500400 | 56.66 | 16.909 | 130.826 | 1166.808 | 1380.083 | 0.697 | 0.938 | 857.039 | 0.999 | 14.66 |
| 9/11/2018 17:15 | 501300 | 56.658 | 16.908 | 130.823 | 1166.605 | 1379.87 | 0.697 | 0.938 | 857.188 | 0.999 | 14.661 |
| 9/11/2018 17:30 | 502200 | 56.657 | 16.908 | 130.814 | 1166.556 | 1379.922 | 0.697 | 0.938 | 857.151 | 0.999 | 14.664 |
| 9/11/2018 17:45 | 503100 | 56.659 | 16.91 | 130.824 | 1167.218 | 1380.543 | 0.697 | 0.939 | 856.738 | 0.999 | 14.656 |
| 9/11/2018 18:00 | 504000 | 56.655 | 16.908 | 130.814 | 1167.284 | 1380.663 | 0.698 | 0.939 | 856.689 | 0.999 | 14.661 |
| 9/11/2018 18:15 | 504900 | 56.642 | 16.908 | 130.784 | 1167.874 | 1381.366 | 0.698 | 0.939 | 856.256 | 0.999 | 14.663 |
| 9/11/2018 18:30 | 505800 | 56.662 | 16.91 | 130.83 | 1167.614 | 1381.012 | 0.698 | 0.939 | 856.447 | 0.999 | 14.657 |
| 9/11/2018 18:45 | 506700 | 56.661 | 16.909 | 130.828 | 1167.384 | 1380.759 | 0.698 | 0.939 | 856.616 | 0.999 | 14.656 |
| 9/11/2018 19:00 | 507600 | 56.658 | 16.908 | 130.822 | 1166.997 | 1380.334 | 0.697 | 0.939 | 856.9 | 0.999 | 14.655 |
| 9/11/2018 19:15 | 508500 | 56.659 | 16.909 | 130.824 | 1167.853 | 1381.333 | 0.698 | 0.939 | 856.272 | 0.999 | 14.656 |
| 9/11/2018 19:30 | 509400 | 56.654 | 16.908 | 130.813 | 1167.733 | 1381.213 | 0.698 | 0.939 | 856.36 | 0.999 | 14.662 |
| 9/11/2018 19:45 | 510300 | 56.658 | 16.909 | 130.821 | 1167.53 | 1380.932 | 0.698 | 0.939 | 856.509 | 0.999 | 14.657 |
| 9/11/2018 20:00 | 511200 | 56.662 | 16.909 | 130.83 | 1167.704 | 1381.154 | 0.698 | 0.939 | 856.381 | 0.999 | 14.66 |
| 9/11/2018 20:15 | 512100 | 56.667 | 16.91 | 130.843 | 1167.632 | 1381.027 | 0.698 | 0.939 | 856.434 | 0.999 | 14.656 |
| 9/11/2018 20:30 | 513000 | 56.668 | 16.911 | 130.844 | 1168.356 | 1381.862 | 0.698 | 0.94 | 855.924 | 0.999 | 14.662 |
| 9/11/2018 20:45 | 513900 | 56.672 | 16.91 | 130.855 | 1168.042 | 1381.504 | 0.698 | 0.939 | 856.134 | 0.999 | 14.667 |
| 9/11/2018 21:00 | 514800 | 56.67 | 16.911 | 130.849 | 1168.234 | 1381.712 | 0.698 | 0.94 | 855.993 | 0.999 | 14.673 |
| 9/11/2018 21:15 | 515700 | 56.679 | 16.909 | 130.871 | 1167.904 | 1381.382 | 0.698 | 0.939 | 856.235 | 0.999 | 14.667 |
| 9/11/2018 21:30 | 516600 | 56.682 | 16.911 | 130.877 | 1168.181 | 1381.635 | 0.698 | 0.94 | 856.032 | 0.999 | 14.671 |
| 9/11/2018 21:45 | 517500 | 56.681 | 16.91 | 130.875 | 1167.795 | 1381.218 | 0.698 | 0.939 | 856.131 | 0.999 | 14.675 |
| 9/11/2018 22:00 | 518400 | 56.688 | 16.91 | 130.881 | 1167.168 | 1380.479 | 0.697 | 0.939 | 856.774 | 0.999 | 14.676 |
| 9/11/2018 22:15 | 519300 | 56.684 | 16.911 | 130.882 | 1168.497 | 1382.029 | 0.698 | 0.94 | 855.8 | 0.999 | 14.682 |
| 9/11/2018 22:30 | 520200 | 56.69 | 16.91 | 130.895 | 1168.573 | 1382.143 | 0.698 | 0.94 | 855.745 | 0.999 | 14.677 |
| 9/11/2018 22:45 | 521100 | 56.684 | 16.91 | 130.881 | 1168.641 | 1382.207 | 0.698 | 0.94 | 855.695 | 0.999 | 14.678 |
| 9/11/2018 23:00 | 522000 | 56.698 | 16.911 | 130.915 | 1169.089 | 1382.715 | 0.699 | 0.94 | 855.367 | 0.999 | 14.68 |
| 9/11/2018 23:15 | 522900 | 56.706 | 16.911 | 130.932 | 1169.031 | 1382.66 | 0.699 | 0.94 | 855.41 | 0.999 | 14.678 |
| 9/11/2018 23:30 | 523800 | 56.7 | 16.91 | 130.92 | 1168.764 | 1382.364 | 0.698 | 0.94 | 855.605 | 0.999 | 14.675 |
| 9/11/2018 23:45 | 524700 | 56.703 | 16.91 | 130.926 | 1168.703 | 1382.365 | 0.698 | 0.94 | 855.858 | 0.999 | 14.686 |
| 9/11/2018 0:00 | 525600 | 56.715 | 16.91 | 130.954 | 1167.548 | 1380.923 | 0.698 | 0.939 | 856.496 | 0.999 | 14.679 |
| 9/12/2018 0:15 | 526500 | 56.722 | 16.912 | 130.968 | 1168.631 | 1382.16 | 0.698 | 0.94 | 855.702 | 0.999 | 14.674 |
| 9/12/2018 0:30 | 527400 | 56.718 | 16.91 | 130.96 | 1168.163 | 1381.661 | 0.698 | 0.94 | 856.045 | 0.999 | 14.686 |
| 9/12/2018 0:45 | 528300 | 56.722 | 16.91 | 130.97 | 1168.671 | 1382.256 | 0.698 | 0.94 | 855.673 | 0.999 | 14.685 |
| 9/12/2018 1:00 | 529200 | 56.734 | 16.91 | 130.998 | 1168.734 | 1382.336 | 0.698 | 0.94 | 855.627 | 0.999 | 14.679 |
| 9/12/2018 1:15 | 530100 | 56.717 | 16.908 | 130.957 | 1168.762 | 1382.422 | 0.698 | 0.94 | 855.606 | 0.999 | 14.681 |
| 9/12/2018 1:30 | 531000 | 56.731 | 16.91 | 130.991 | 1168.479 | 1382.026 | 0.698 | 0.94 | 855.814 | 0.999 | 14.687 |
| 9/12/2018 1:45 | 531900 | 56.736 | 16.91 | 131.002 | 1168.718 | 1382.315 | 0.698 | 0.94 | 855.638 | 0.999 | 14.686 |
| 9/12/2018 2:00 | 532800 | 56.74 | 16.912 | 131.012 | 1167.915 | 1381.305 | 0.698 | 0.939 | 856.227 | 0.999 | 14.685 |
| 9/12/2018 2:15 | 533700 | 56.741 | 16.912 | 131.014 | 1169.078 | 1382.679 | 0.699 | 0.94 | 855.375 | 0.999 | 14.685 |
| 9/12/2018 2:30 | 534600 | 56.752 | 16.91 | 131.038 | 1168.751 | 1382.36 | 0.698 | 0.94 | 855.614 | 0.999 | 14.683 |
| 9/12/2018 2:45 | 535500 | 56.753 | 16.91 | 131.041 | 1168.533 | 1382.085 | 0.698 | 0.94 | 855.774 | 0.999 | 14.688 |
| 9/12/2018 3:00 | 536400 | 56.759 | 16.911 | 131.054 | 1169.068 | 1382.701 | 0.699 | 0.94 | 855.383 | 0.999 | 14.683 |
| 9/12/2018 3:15 | 537300 | 56.743 | 16.911 | 131.018 | 1169.184 | 1382.833 | 0.699 | 0.94 | 855.297 | 0.999 | 14.686 |
| 9/12/2018 3:30 | 538200 | 56.765 | 16.912 | 131.069 | 1168.958 | 1382.547 | 0.699 | 0.94 | 855.462 | 0.999 | 14.682 |
| 9/12/2018 3:45 | 539100 | 56.769 | 16.911 | 131.079 | 1168.469 | 1381.992 | 0.698 | 0.94 | 855.821 | 0.999 | 14.684 |
| 9/12/2018 4:00 | 540000 | 56.778 | 16.91 | 131.098 | 1168.379 | 1381.902 | 0.698 | 0.94 | 855.887 | 0.999 | 14.678 |
| 9/12/2018 4:15 | 540900 | 56.778 | 16.91 | 131.098 | 1168.409 | 1382.205 | 0.698 | 0.94 | 855.664 | 0.999 | 14.682 |
| 9/12/2018 4:30 | 541800 | 56.781 | 16.913 | 131.106 | 1168.875 | 1382.416 | 0.698 | 0.94 | 855.523 | 0.999 | 14.683 |
| 9/12/2018 4:45 | 542700 | 56.774 | 16.912 | 131.089 | 1168.056 | 1381.471 | 0.698 | 0.939 | 856.124 | 0.999 | 14.683 |
| 9/12/2018 5:00 | 543600 | 56.793 | 16.91 | 131.133 | 1168.127 | 1381.618 | 0.698 | 0.94 | 856.071 | 0.999 | 14.683 |
| 9/12/2018 5:15 | 544500 | 56.794 | 16.91 | 131.134 | 1167.931 | 1381.384 | 0.698 | 0.939 | 856.215 | 0.999 | 14.686 |
| 9/12/2018 5:30 | 545400 | 56.799 | 16.913 | 131.147 | 1168.654 | 1382.146 | 0.698 | 0.94 | 855.685 | 0.999 | 14.687 |
| 9/12/2018 5:45 | 546300 | 56.808 | 16.913 | 131.161 | 1168.602 | 1382.15 | 0.698 | 0.94 | 855.723 | 0.999 | 14.684 |
| 9/12/2018 6:00 | 547200 | 56.811 | 16.912 | 131.176 | 1168.711 | 1382.249 | 0.698 | 0.94 | 855.644 | 0.999 | 14.687 |
| 9/12/2018 6:15 | 548100 | 56.823 | 16.911 | 131.202 | 1168.957 | 1382.559 | 0.699 | 0.94 | 855.463 | 0.999 | 14.684 |
| 9/12/2018 6:30 | 549000 | 56.813 | 16.911 | 131.18 | 1168.677 | 1382.234 | 0.698 | 0.94 | 855.668 | 0.999 | 14.696 |
| 9/12/2018 6:45 | 549900 | 56.818 | 16.911 | 131.191 | 1168.315 | 1381.803 | 0.698 | 0.94 | 855.933 | 0.999 | 14.692 |
| 9/12/2018 7:00 | 550800 | 56.822 | 16.91 | 131.201 | 1168.583 | 1382.143 | 0.698 | 0.94 | 855.738 | 0.999 | 14.688 |
| 9/12/2018 7:15 | 551700 | 56.825 | 16.912 | 131.208 | 1168.721 | 1382.318 | 0.698 | 0.94 | 855.631 | 0.999 | 14.689 |
| 9/12/2018 7:30 | 552600 | 56.813 | 16.911 | 131.179 | 1168.426 | 1381.936 | 0.698 | 0.94 | 855.853 | 0.999 | 14.7 |
| 9/12/2018 7:45 | 553500 | 56.801 | 16.911 | 131.152 | 1168.264 | 1381.745 | 0.698 | 0.94 | 855.971 | 0.999 | 14.701 |
| 9/12/2018 8:00 | 554400 | 56.819 | 16.911 | 131.194 | 1168.09 | 1381.55 | 0.698 | 0.939 | 856.099 | 0.999 | 14.701 |
| 9/12/2018 8:15 | 555300 | 56.812 | 16.909 | 131.178 | 1167.938 | 1381.409 | 0.698 | 0.939 | 856.21 | 0.999 | 14.705 |
| 9/12/2018 8:30 | 556200 | 56.812 | 16.91 | 131.177 | 1167.556 | 1380.94 | 0.698 | 0.939 | 856.49 | 0.999 | 14.704 |
| 9/12/2018 8:45 | 557100 | 56.807 | 16.91 | 131.166 | 1167.682 | 1381.078 | 0.698 | 0.939 | 856.398 | 0.999 | 14.705 |
| 9/12/2018 9:00 | 558000 | 56.802 | 16.91 | 131.155 | 1167.66 | 1381.104 | 0.698 | 0.939 | 856.414 | 0.999 | 14.711 |
| 9/12/2018 9:15 | 558900 | 56.799 | 16.909 | 131.147 | 1167.592 | 1381.021 | 0.698 | 0.939 | 856.464 | 0.999 | 14.711 |
| 9/12/2018 9:30 | 559800 | 56.8 | 16.911 | 131.148 | 1168.138 | 1381.596 | 0.698 | 0.939 | 856.063 | 0.999 | 14.71 |
| 9/12/2018 9:45 | 560700 | 56.79 | 16.909 | 131.127 | 1167.739 | 1381.184 | 0.698 | 0.939 | 856.356 | 0. | |

| | | | | | | | | | | | |
|-----------------|--------|-------|-------|--------|---------|-----------|-------|-------|--------|-------|-------|
| 9/13/2018 17:45 | 675900 | 56565 | 16911 | 130607 | 116768 | 1381040 | 0.698 | 0.939 | 856399 | 0.999 | 14716 |
| 9/13/2018 18:00 | 676800 | 56568 | 16911 | 130614 | 1167746 | 1381176 | 0.698 | 0.939 | 85635 | 0.999 | 14709 |
| 9/13/2018 18:15 | 677700 | 56565 | 16912 | 130607 | 116738 | 1380672 | 0.698 | 0.939 | 856619 | 0.999 | 14707 |
| 9/13/2018 18:30 | 678600 | 56556 | 16911 | 130587 | 1166969 | 1380211 | 0.697 | 0.939 | 856921 | 0.999 | 14706 |
| 9/13/2018 18:45 | 679500 | 56556 | 16909 | 130587 | 1167451 | 1380857 | 0.698 | 0.939 | 856567 | 0.999 | 14708 |
| 9/13/2018 19:00 | 680400 | 56541 | 16911 | 130552 | 1167432 | 1380771 | 0.698 | 0.939 | 856581 | 0.999 | 14704 |
| 9/13/2018 19:15 | 681300 | 56555 | 16911 | 130583 | 1167074 | 1380374 | 0.697 | 0.939 | 856545 | 0.999 | 14707 |
| 9/13/2018 19:30 | 682200 | 5655 | 16909 | 130572 | 116718 | 138051 | 0.697 | 0.939 | 856766 | 0.999 | 14709 |
| 9/13/2018 19:45 | 683100 | 56549 | 16911 | 13057 | 1167231 | 1380506 | 0.697 | 0.939 | 856729 | 0.999 | 14713 |
| 9/13/2018 20:00 | 684000 | 56551 | 16912 | 130575 | 1167134 | 1380381 | 0.697 | 0.939 | 856799 | 0.999 | 14712 |
| 9/13/2018 20:15 | 684900 | 56549 | 16911 | 130569 | 1167002 | 1380236 | 0.697 | 0.939 | 856897 | 0.999 | 14713 |
| 9/13/2018 20:30 | 685800 | 56551 | 16911 | 130575 | 1166948 | 1380174 | 0.697 | 0.939 | 856936 | 0.999 | 14717 |
| 9/13/2018 20:45 | 686700 | 56557 | 16912 | 130588 | 1167316 | 1380605 | 0.697 | 0.939 | 856666 | 0.999 | 14717 |
| 9/13/2018 21:00 | 687600 | 56564 | 16912 | 130605 | 1166705 | 1379855 | 0.697 | 0.938 | 857115 | 0.999 | 14713 |
| 9/13/2018 21:15 | 688500 | 56562 | 16912 | 1306 | 1166785 | 1379971 | 0.697 | 0.938 | 857056 | 0.999 | 1472 |
| 9/13/2018 21:30 | 689400 | 56563 | 16912 | 130602 | 1166871 | 1380056 | 0.697 | 0.938 | 856993 | 0.999 | 14723 |
| 9/13/2018 21:45 | 690300 | 56569 | 16913 | 130617 | 1167024 | 1380229 | 0.697 | 0.939 | 85688 | 0.999 | 1472 |
| 9/13/2018 22:00 | 691200 | 56573 | 16913 | 130626 | 116667 | 1379789 | 0.697 | 0.938 | 85714 | 0.999 | 14714 |
| 9/13/2018 22:15 | 692100 | 56549 | 16913 | 130667 | 1167096 | 1380352 | 0.697 | 0.939 | 856828 | 0.999 | 14716 |
| 9/13/2018 22:30 | 693000 | 56565 | 16913 | 130608 | 1167046 | 1380253 | 0.697 | 0.939 | 856864 | 0.999 | 14716 |
| 9/13/2018 22:45 | 693900 | 56577 | 16912 | 130636 | 1166951 | 138016 | 0.697 | 0.939 | 856934 | 0.999 | 14717 |
| 9/13/2018 23:00 | 694800 | 56586 | 16912 | 130656 | 1167134 | 1380386 | 0.697 | 0.939 | 8568 | 0.999 | 1471 |
| 9/13/2018 23:15 | 695700 | 56583 | 16911 | 130647 | 1166808 | 1380018 | 0.697 | 0.938 | 857039 | 0.999 | 14712 |
| 9/13/2018 23:30 | 696600 | 5657 | 16912 | 130617 | 1166972 | 1380176 | 0.697 | 0.939 | 856919 | 0.999 | 14717 |
| 9/13/2018 23:45 | 697500 | 56591 | 16913 | 130667 | 1166531 | 1379664 | 0.697 | 0.938 | 857228 | 0.999 | 14714 |
| 9/14/2018 0:00 | 698400 | 56594 | 16912 | 130674 | 1166539 | 1379666 | 0.697 | 0.938 | 857237 | 0.999 | 14713 |
| 9/14/2018 0:15 | 699300 | 56592 | 16913 | 13067 | 1166816 | 1379961 | 0.697 | 0.938 | 857033 | 0.999 | 14716 |
| 9/14/2018 0:30 | 700200 | 56601 | 16912 | 13069 | 1166614 | 137975 | 0.697 | 0.938 | 857181 | 0.999 | 14718 |
| 9/14/2018 0:45 | 701100 | 56592 | 16914 | 130668 | 1166688 | 1379797 | 0.697 | 0.938 | 857127 | 0.999 | 14723 |
| 9/14/2018 1:00 | 702000 | 56597 | 16913 | 130681 | 1166596 | 1379712 | 0.697 | 0.938 | 857195 | 0.999 | 14723 |
| 9/14/2018 1:15 | 702900 | 56608 | 16913 | 130706 | 1166993 | 1380178 | 0.697 | 0.939 | 856904 | 0.999 | 14717 |
| 9/14/2018 1:30 | 703800 | 56607 | 16913 | 130703 | 1166587 | 1379698 | 0.697 | 0.938 | 857202 | 0.999 | 14721 |
| 9/14/2018 1:45 | 704700 | 56609 | 16914 | 130708 | 116637 | 1379407 | 0.697 | 0.938 | 857361 | 0.999 | 14722 |
| 9/14/2018 2:00 | 705600 | 56623 | 16912 | 130741 | 1166425 | 1379527 | 0.697 | 0.938 | 85732 | 0.999 | 14715 |
| 9/14/2018 2:15 | 706500 | 56604 | 16913 | 130696 | 1166708 | 1379839 | 0.697 | 0.938 | 857113 | 0.999 | 14721 |
| 9/14/2018 2:30 | 707400 | 56622 | 16912 | 130739 | 1166676 | 1379828 | 0.697 | 0.938 | 857136 | 0.999 | 1472 |
| 9/14/2018 2:45 | 708300 | 56623 | 16912 | 130741 | 1166802 | 1380072 | 0.697 | 0.938 | 856996 | 0.999 | 14724 |
| 9/14/2018 3:00 | 709200 | 56637 | 16913 | 130774 | 1167034 | 1380222 | 0.697 | 0.939 | 856873 | 0.999 | 14716 |
| 9/14/2018 3:15 | 710100 | 56625 | 16914 | 130745 | 1166558 | 1379629 | 0.697 | 0.938 | 857223 | 0.999 | 14716 |
| 9/14/2018 3:30 | 711000 | 56625 | 16912 | 130746 | 1166664 | 1379831 | 0.697 | 0.938 | 857145 | 0.999 | 14717 |
| 9/14/2018 3:45 | 711900 | 56643 | 16913 | 130788 | 1166792 | 1379927 | 0.697 | 0.938 | 857051 | 0.999 | 14717 |
| 9/14/2018 4:00 | 712800 | 5665 | 16913 | 130803 | 1166834 | 1379999 | 0.697 | 0.938 | 85702 | 0.999 | 14719 |
| 9/14/2018 4:15 | 713700 | 5666 | 16913 | 130826 | 1166974 | 1380153 | 0.697 | 0.939 | 856917 | 0.999 | 14715 |
| 9/14/2018 4:30 | 714600 | 56668 | 16913 | 130845 | 1166607 | 1379719 | 0.697 | 0.938 | 857187 | 0.999 | 14713 |
| 9/14/2018 4:45 | 715500 | 56674 | 16912 | 130858 | 1166434 | 1379539 | 0.697 | 0.938 | 857314 | 0.999 | 14713 |
| 9/14/2018 5:00 | 716400 | 56685 | 16913 | 130883 | 1165832 | 1378789 | 0.697 | 0.938 | 857757 | 0.999 | 1471 |
| 9/14/2018 5:15 | 717300 | 56692 | 16911 | 130899 | 1166444 | 1379579 | 0.697 | 0.938 | 857306 | 0.999 | 14704 |
| 9/14/2018 5:30 | 718200 | 567 | 16913 | 130919 | 1166862 | 1380035 | 0.697 | 0.938 | 856999 | 0.999 | 14708 |
| 9/14/2018 5:45 | 719100 | 56706 | 16914 | 130933 | 1166629 | 1379726 | 0.697 | 0.938 | 857171 | 0.999 | 14708 |
| 9/14/2018 6:00 | 720000 | 56696 | 16911 | 130951 | 116652 | 1379673 | 0.697 | 0.938 | 85725 | 0.999 | 1471 |
| 9/14/2018 6:15 | 720900 | 56717 | 16911 | 130958 | 1166765 | 137998 | 0.697 | 0.938 | 85707 | 0.999 | 14709 |
| 9/14/2018 6:30 | 721800 | 56731 | 16912 | 13099 | 1166635 | 1379791 | 0.697 | 0.938 | 857166 | 0.999 | 14705 |
| 9/14/2018 6:45 | 722700 | 56734 | 16912 | 130997 | 1166896 | 1380108 | 0.697 | 0.938 | 856974 | 0.999 | 14705 |
| 9/14/2018 7:00 | 723600 | 56723 | 16911 | 130972 | 1166513 | 1379676 | 0.697 | 0.938 | 857256 | 0.999 | 14707 |
| 9/14/2018 7:15 | 724500 | 56743 | 16912 | 131019 | 1166252 | 1379319 | 0.697 | 0.938 | 857448 | 0.999 | 1471 |
| 9/14/2018 7:30 | 725400 | 56746 | 16911 | 131025 | 1166532 | 1379568 | 0.697 | 0.938 | 857315 | 0.999 | 14697 |
| 9/14/2018 7:45 | 726300 | 56747 | 16911 | 131026 | 1166836 | 1380069 | 0.697 | 0.938 | 857019 | 0.999 | 1471 |
| 9/14/2018 8:00 | 727200 | 56745 | 16911 | 131023 | 116665 | 1379844 | 0.697 | 0.938 | 857155 | 0.999 | 14715 |
| 9/14/2018 8:15 | 728100 | 56747 | 16911 | 131026 | 1166551 | 1379713 | 0.697 | 0.938 | 857228 | 0.999 | 14711 |
| 9/14/2018 8:30 | 729000 | 56749 | 16911 | 131031 | 116669 | 1379889 | 0.697 | 0.938 | 857126 | 0.999 | 14708 |
| 9/14/2018 8:45 | 729900 | 56741 | 16911 | 131013 | 1166124 | 1379244 | 0.697 | 0.938 | 857541 | 0.999 | 14709 |
| 9/14/2018 9:00 | 730800 | 56741 | 16911 | 131013 | 116629 | 137976 | 0.697 | 0.938 | 857472 | 0.999 | 14709 |
| 9/14/2018 9:15 | 731700 | 56736 | 16909 | 131002 | 1166505 | 137865 | 0.696 | 0.937 | 857923 | 0.999 | 14707 |
| 9/14/2018 9:30 | 732600 | 56737 | 16911 | 131005 | 1165498 | 1378506 | 0.696 | 0.937 | 858002 | 0.999 | 14704 |
| 9/14/2018 9:45 | 733500 | 56714 | 16911 | 13095 | 1166185 | 1379292 | 0.697 | 0.938 | 857497 | 0.999 | 14706 |
| 9/14/2018 10:00 | 734400 | 56716 | 16911 | 130955 | 1165681 | 1378722 | 0.696 | 0.938 | 857868 | 0.999 | 14713 |
| 9/14/2018 10:15 | 735300 | 56711 | 16908 | 130945 | 1165855 | 1378978 | 0.697 | 0.938 | 857739 | 0.999 | 14713 |
| 9/14/2018 10:30 | 736200 | 56711 | 16911 | 130945 | 1165668 | 1378785 | 0.696 | 0.938 | 857878 | 0.999 | 14705 |
| 9/14/2018 10:45 | 737100 | 56712 | 16911 | 130945 | 1165692 | 1378713 | 0.696 | 0.938 | 85786 | 0.999 | 14705 |
| 9/14/2018 11:00 | 738000 | 56712 | 16911 | 130945 | 1165735 | 1378789 | 0.697 | 0.938 | 857828 | 0.999 | 14706 |
| 9/14/2018 11:15 | 738900 | 56707 | 16911 | 130936 | 116563 | 1378614 | 0.696 | 0.937 | 857905 | 0.999 | 14704 |
| 9/14/2018 11:30 | 739800 | 5671 | 16908 | 130942 | 1165981 | 1379151 | 0.697 | 0.938 | 857647 | 0.999 | 14706 |
| 9/14/2018 11:45 | 740700 | 56711 | 16911 | 130944 | 1165846 | 1378926 | 0.697 | 0.938 | 857746 | 0.999 | 14705 |
| 9/14/2018 12:00 | 741600 | 56712 | 16909 | 130947 | 116533 | 1378346 | 0.696 | 0.937 | 858126 | 0.999 | 14706 |
| 9/14/2018 12:15 | 742500 | 56705 | 16909 | 130929 | 1165729 | 1378807 | 0.697 | 0.938 | 857832 | 0.999 | 14705 |
| 9/14/2018 12:30 | 743400 | 56701 | 16908 | 130921 | 1165481 | 1378549 | 0.696 | 0.937 | 858015 | 0.999 | 14706 |
| 9/14/2018 12:45 | 744300 | 56701 | 16909 | 130921 | 1165915 | 1379029 | 0.697 | 0.938 | 857696 | 0.999 | 14699 |
| 9/14/2018 13:00 | 745200 | 56694 | 16911 | 130905 | 1165837 | 1378916 | 0.697 | 0.938 | 85753 | 0.999 | 14701 |
| 9/14/2018 13:15 | 746100 | 56692 | 16909 | 1309 | 1166238 | 1379414 | 0.697 | 0.938 | 857458 | 0.999 | 14695 |
| 9/14/2018 13:30 | 747000 | 56685 | 16909 | 130883 | 116587 | 1379876 | 0.697 | 0.938 | 857729 | 0.999 | 14692 |
| 9/14/2018 13:45 | 747900 | 56679 | 16909 | 130879 | 1165397 | 1378416 | 0.696 | 0.937 | 858077 | 0.999 | 14692 |
| 9/14/2018 14:00 | 748800 | 56652 | 16911 | 130809 | 1166463 | 1379629 | 0.697 | 0.938 | 857292 | 0.999 | 14693 |
| 9/14/2018 14:15 | 749700 | 56661 | 16911 | 130829 | 116569 | 1378725 | 0.696 | 0.938 | 857861 | 0.999 | 14691 |
| 9/14/2018 14:30 | 750600 | 56656 | 16909 | 130817 | 1165501 | 1379706 | 0.697 | 0.938 | 857265 | 0.999 | 14685 |
| 9/14/2018 14:45 | 751500 | 56649 | 16911 | 130801 | 1166491 | 1379689 | 0.697 | 0.938 | 857272 | 0.999 | 14685 |
| 9/14/2018 15:00 | 752400 | 56645 | 16911 | 130791 | 1165697 | 1378785 | 0.697 | 0.938 | 857856 | 0.999 | 14681 |
| 9/14/2018 15:15 | 753300 | 56626 | 16909 | 130748 | 1166491 | 1378717 | 0.697 | 0.938 | 857272 | 0.999 | 14687 |
| 9/14/2018 15:30 | 754200 | 56621 | 16909 | 130735 | 1166284 | 1379468</ | | | | | |

| | | | | | | | | | | | |
|-----------------|--------|-------|-------|--------|---------|---------|-------|-------|--------|-------|--------|
| 9/15/2018 22:30 | 865800 | 56456 | 16911 | 130356 | 1165027 | 1377911 | 0.696 | 0.937 | 858340 | 0.999 | 14.712 |
| 9/15/2018 22:45 | 866700 | 56468 | 16911 | 130384 | 1164988 | 1377888 | 0.696 | 0.937 | 858384 | 0.999 | 14.703 |
| 9/15/2018 23:00 | 867600 | 56468 | 16911 | 130382 | 1165452 | 1378428 | 0.696 | 0.937 | 858036 | 0.999 | 14.707 |
| 9/15/2018 23:15 | 868500 | 56466 | 16912 | 130379 | 1165272 | 1378171 | 0.696 | 0.937 | 858169 | 0.999 | 14.715 |
| 9/15/2018 23:30 | 869400 | 56473 | 16912 | 130395 | 1164622 | 1377399 | 0.696 | 0.937 | 858648 | 0.999 | 14.711 |
| 9/15/2018 23:45 | 870300 | 56473 | 16912 | 130394 | 1164899 | 1377774 | 0.696 | 0.937 | 858444 | 0.999 | 14.713 |
| 9/16/2018 00:00 | 871200 | 56481 | 16912 | 130413 | 1164649 | 1377229 | 0.696 | 0.937 | 858766 | 0.999 | 14.713 |
| 9/16/2018 00:15 | 872100 | 56478 | 16912 | 130406 | 1164746 | 1377554 | 0.696 | 0.937 | 858556 | 0.999 | 14.713 |
| 9/16/2018 00:30 | 873000 | 56483 | 16913 | 130418 | 1164522 | 1377248 | 0.696 | 0.937 | 858721 | 0.999 | 14.712 |
| 9/16/2018 00:45 | 873900 | 56485 | 16913 | 130422 | 1164611 | 1377359 | 0.696 | 0.937 | 858656 | 0.999 | 14.715 |
| 9/16/2018 1:00 | 874800 | 5649 | 16913 | 130434 | 1164875 | 1377658 | 0.696 | 0.937 | 858461 | 0.999 | 14.712 |
| 9/16/2018 1:15 | 875700 | 56491 | 16912 | 130436 | 1164848 | 137768 | 0.696 | 0.937 | 858481 | 0.999 | 14.717 |
| 9/16/2018 1:30 | 876600 | 56503 | 16913 | 130463 | 1164665 | 1377426 | 0.696 | 0.937 | 858555 | 0.999 | 14.708 |
| 9/16/2018 1:45 | 877500 | 56501 | 16912 | 130459 | 1164669 | 1377447 | 0.696 | 0.937 | 858613 | 0.999 | 14.715 |
| 9/16/2018 2:00 | 878400 | 56501 | 16913 | 13046 | 1165051 | 137788 | 0.696 | 0.937 | 858331 | 0.999 | 14.717 |
| 9/16/2018 2:15 | 879300 | 56507 | 16911 | 130474 | 1164618 | 1377436 | 0.696 | 0.937 | 858651 | 0.999 | 14.717 |
| 9/16/2018 2:30 | 880200 | 56512 | 16913 | 130485 | 1164405 | 1377126 | 0.696 | 0.936 | 858808 | 0.999 | 14.717 |
| 9/16/2018 2:45 | 881100 | 56517 | 16913 | 130497 | 1164523 | 1377247 | 0.696 | 0.937 | 858773 | 0.999 | 14.714 |
| 9/16/2018 3:00 | 882000 | 5652 | 16912 | 130502 | 1164541 | 1377308 | 0.696 | 0.937 | 858692 | 0.999 | 14.716 |
| 9/16/2018 3:15 | 882900 | 56526 | 16913 | 130517 | 1164791 | 1377574 | 0.696 | 0.937 | 858523 | 0.999 | 14.717 |
| 9/16/2018 3:30 | 883800 | 56528 | 16912 | 13052 | 1164428 | 1377161 | 0.696 | 0.936 | 858791 | 0.999 | 14.717 |
| 9/16/2018 3:45 | 884700 | 56515 | 16914 | 130492 | 1164429 | 1377128 | 0.696 | 0.936 | 85879 | 0.999 | 14.72 |
| 9/16/2018 4:00 | 885600 | 56544 | 16914 | 130558 | 1164258 | 1376904 | 0.696 | 0.936 | 85916 | 0.999 | 14.712 |
| 9/16/2018 4:15 | 886500 | 56548 | 16913 | 130567 | 1164437 | 1377167 | 0.696 | 0.936 | 858784 | 0.999 | 14.714 |
| 9/16/2018 4:30 | 887400 | 56552 | 16912 | 130576 | 1164748 | 1377543 | 0.696 | 0.937 | 858555 | 0.999 | 14.716 |
| 9/16/2018 4:45 | 888300 | 56559 | 16914 | 130592 | 1164313 | 1376981 | 0.696 | 0.936 | 858876 | 0.999 | 14.715 |
| 9/16/2018 5:00 | 889200 | 56565 | 16913 | 130606 | 1164297 | 1376999 | 0.696 | 0.936 | 858887 | 0.999 | 14.716 |
| 9/16/2018 5:15 | 890100 | 56573 | 16916 | 130626 | 1163998 | 1376555 | 0.695 | 0.936 | 859108 | 0.999 | 14.72 |
| 9/16/2018 5:30 | 891000 | 56579 | 16915 | 13064 | 1164753 | 1377467 | 0.696 | 0.937 | 858551 | 0.999 | 14.716 |
| 9/16/2018 5:45 | 891900 | 56589 | 16913 | 130661 | 1164306 | 137699 | 0.696 | 0.936 | 858881 | 0.999 | 14.72 |
| 9/16/2018 6:00 | 892800 | 56587 | 16914 | 130658 | 1164707 | 1377443 | 0.696 | 0.937 | 858585 | 0.999 | 14.726 |
| 9/16/2018 6:15 | 893700 | 56601 | 16915 | 13069 | 1164688 | 1377401 | 0.696 | 0.937 | 858599 | 0.999 | 14.718 |
| 9/16/2018 6:30 | 894600 | 56605 | 16914 | 130698 | 1164591 | 1377316 | 0.696 | 0.937 | 858671 | 0.999 | 14.724 |
| 9/16/2018 6:45 | 895500 | 56602 | 16914 | 130692 | 1164504 | 1377207 | 0.696 | 0.937 | 858735 | 0.999 | 14.729 |
| 9/16/2018 7:00 | 896400 | 5662 | 16914 | 130734 | 1164739 | 1377478 | 0.696 | 0.937 | 858561 | 0.999 | 14.726 |
| 9/16/2018 7:15 | 897300 | 56632 | 16912 | 130761 | 116474 | 1377533 | 0.696 | 0.937 | 858561 | 0.999 | 14.727 |
| 9/16/2018 7:30 | 898200 | 5663 | 16913 | 130763 | 1164761 | 1377663 | 0.696 | 0.937 | 858561 | 0.999 | 14.729 |
| 9/16/2018 7:45 | 899100 | 56633 | 16912 | 130763 | 1164514 | 1377266 | 0.696 | 0.937 | 858727 | 0.999 | 14.725 |
| 9/16/2018 8:00 | 900000 | 56641 | 16913 | 130782 | 1164681 | 1377453 | 0.696 | 0.937 | 858604 | 0.999 | 14.737 |
| 9/16/2018 8:15 | 900900 | 56634 | 16911 | 130765 | 1164432 | 1377226 | 0.696 | 0.937 | 858788 | 0.999 | 14.737 |
| 9/16/2018 8:30 | 901800 | 56659 | 16911 | 130824 | 1164545 | 1377355 | 0.696 | 0.937 | 858704 | 0.999 | 14.732 |
| 9/16/2018 8:45 | 902700 | 5666 | 16913 | 130827 | 1164935 | 1377758 | 0.696 | 0.937 | 858417 | 0.999 | 14.735 |
| 9/16/2018 9:00 | 903600 | 56671 | 16911 | 130851 | 1164699 | 1377536 | 0.696 | 0.937 | 858591 | 0.999 | 14.734 |
| 9/16/2018 9:15 | 904500 | 56669 | 16911 | 130848 | 1164688 | 1377518 | 0.696 | 0.937 | 858599 | 0.999 | 14.733 |
| 9/16/2018 9:30 | 905400 | 56676 | 16913 | 130863 | 1164887 | 1377694 | 0.696 | 0.937 | 858452 | 0.999 | 14.734 |
| 9/16/2018 9:45 | 906300 | 56673 | 16911 | 130857 | 1164499 | 1377281 | 0.696 | 0.937 | 858739 | 0.999 | 14.742 |
| 9/16/2018 10:00 | 907200 | 56668 | 16909 | 130845 | 1164442 | 1377271 | 0.696 | 0.937 | 85878 | 0.999 | 14.735 |
| 9/16/2018 10:15 | 908100 | 56682 | 16911 | 130876 | 1164589 | 137739 | 0.696 | 0.937 | 858672 | 0.999 | 14.738 |
| 9/16/2018 10:30 | 909000 | 56676 | 16912 | 130864 | 1164551 | 1377226 | 0.696 | 0.937 | 8587 | 0.999 | 14.745 |
| 9/16/2018 10:45 | 909900 | 56682 | 16911 | 130878 | 1164782 | 1377624 | 0.696 | 0.937 | 85853 | 0.999 | 14.742 |
| 9/16/2018 11:00 | 910800 | 56681 | 16909 | 130875 | 1164437 | 1377267 | 0.696 | 0.937 | 858784 | 0.999 | 14.744 |
| 9/16/2018 11:15 | 911700 | 56695 | 1691 | 130908 | 1164848 | 1377729 | 0.696 | 0.937 | 858481 | 0.999 | 14.736 |
| 9/16/2018 11:30 | 912600 | 56687 | 16911 | 130889 | 1164693 | 1377532 | 0.696 | 0.937 | 858595 | 0.999 | 14.743 |
| 9/16/2018 11:45 | 913500 | 56693 | 16909 | 130903 | 116433 | 1377157 | 0.696 | 0.936 | 858863 | 0.999 | 14.737 |
| 9/16/2018 12:00 | 914400 | 56683 | 16911 | 130879 | 1164465 | 1377249 | 0.696 | 0.937 | 858763 | 0.999 | 14.734 |
| 9/16/2018 12:15 | 915300 | 56693 | 16912 | 130902 | 1164724 | 1377577 | 0.696 | 0.937 | 858573 | 0.999 | 14.736 |
| 9/16/2018 12:30 | 916200 | 56697 | 16909 | 130911 | 116418 | 1376985 | 0.696 | 0.936 | 858974 | 0.999 | 14.735 |
| 9/16/2018 12:45 | 917100 | 56693 | 16909 | 130903 | 1164546 | 1377421 | 0.696 | 0.937 | 858704 | 0.999 | 14.738 |
| 9/16/2018 13:00 | 918000 | 56693 | 16908 | 130903 | 1164007 | 1376806 | 0.695 | 0.936 | 859101 | 0.999 | 14.733 |
| 9/16/2018 13:15 | 918900 | 56695 | 1691 | 130907 | 1163694 | 1376365 | 0.695 | 0.936 | 859332 | 0.999 | 14.737 |
| 9/16/2018 13:30 | 919800 | 56683 | 16908 | 130878 | 1164185 | 1377006 | 0.696 | 0.936 | 859124 | 0.999 | 14.727 |
| 9/16/2018 13:45 | 920700 | 56696 | 1691 | 130926 | 1163914 | 1376638 | 0.696 | 0.936 | 85917 | 0.999 | 14.721 |
| 9/16/2018 14:00 | 921600 | 56677 | 16909 | 130866 | 1163762 | 1376483 | 0.695 | 0.936 | 859282 | 0.999 | 14.73 |
| 9/16/2018 14:15 | 922500 | 56685 | 16909 | 130884 | 1163514 | 1376184 | 0.695 | 0.936 | 859466 | 0.999 | 14.735 |
| 9/16/2018 14:30 | 923400 | 56682 | 16908 | 130877 | 1163383 | 1376062 | 0.695 | 0.936 | 859562 | 0.999 | 14.725 |
| 9/16/2018 14:45 | 924300 | 5668 | 1691 | 130871 | 1163911 | 1376621 | 0.695 | 0.936 | 859172 | 0.999 | 14.724 |
| 9/16/2018 15:00 | 925200 | 56699 | 16911 | 130915 | 1164335 | 1377345 | 0.696 | 0.937 | 858712 | 0.999 | 14.72 |
| 9/16/2018 15:15 | 926100 | 56704 | 16911 | 130904 | 1164056 | 1376847 | 0.696 | 0.937 | 859666 | 0.999 | 14.711 |
| 9/16/2018 15:30 | 927000 | 56691 | 16909 | 130897 | 1163712 | 1376421 | 0.695 | 0.936 | 859319 | 0.999 | 14.717 |
| 9/16/2018 15:45 | 927900 | 56711 | 16907 | 130943 | 1163321 | 1376008 | 0.695 | 0.936 | 859608 | 0.999 | 14.711 |
| 9/16/2018 16:00 | 928800 | 56712 | 16908 | 130946 | 1164039 | 1376827 | 0.695 | 0.936 | 859078 | 0.999 | 14.717 |
| 9/16/2018 16:15 | 929700 | 56723 | 16909 | 130972 | 1163977 | 1376745 | 0.695 | 0.936 | 859124 | 0.999 | 14.711 |
| 9/16/2018 16:30 | 930600 | 5673 | 16911 | 130987 | 1163699 | 1376352 | 0.695 | 0.936 | 859328 | 0.999 | 14.708 |
| 9/16/2018 16:45 | 931500 | 56732 | 16912 | 130993 | 1163546 | 1376257 | 0.695 | 0.936 | 859442 | 0.999 | 14.711 |
| 9/16/2018 17:00 | 932400 | 56747 | 16908 | 131028 | 116394 | 1376718 | 0.695 | 0.936 | 859151 | 0.999 | 14.701 |
| 9/16/2018 17:15 | 933300 | 5675 | 1691 | 131033 | 1163914 | 1376635 | 0.695 | 0.936 | 85917 | 0.999 | 14.704 |
| 9/16/2018 17:30 | 934200 | 56754 | 16909 | 131044 | 1163872 | 1376602 | 0.695 | 0.936 | 859201 | 0.999 | 14.707 |
| 9/16/2018 17:45 | 935100 | 56761 | 16911 | 13106 | 1163994 | 1376702 | 0.695 | 0.936 | 859111 | 0.999 | 14.703 |
| 9/16/2018 18:00 | 936000 | 56768 | 16907 | 131076 | 1164031 | 1376858 | 0.696 | 0.936 | 859084 | 0.999 | 14.709 |
| 9/16/2018 18:15 | 936900 | 56771 | 16909 | 131082 | 1163915 | 1376675 | 0.695 | 0.936 | 859169 | 0.999 | 14.708 |
| 9/16/2018 18:30 | 937800 | 56776 | 16911 | 131094 | 1164281 | 1377041 | 0.696 | 0.936 | 858808 | 0.999 | 14.711 |
| 9/16/2018 18:45 | 938700 | 56781 | 1691 | 131105 | 1164403 | 1377208 | 0.696 | 0.937 | 858809 | 0.999 | 14.714 |
| 9/16/2018 19:00 | 939600 | 56791 | 16909 | 13113 | 1164353 | 1377182 | 0.696 | 0.936 | 858846 | 0.999 | 14.708 |
| 9/16/2018 19:15 | 940500 | 56802 | 1691 | 131154 | 1163984 | 13767 | 0.695 | 0.936 | 859118 | 0.999 | 14.706 |
| 9/16/2018 19:30 | 941400 | 56808 | 16913 | 131169 | 116435 | 1377064 | 0.696 | 0.936 | 858849 | 0.999 | 14.709 |
| 9/16/2018 19:45 | 942300 | 56811 | 16911 | 131174 | 1164271 | 1377033 | 0.696 | 0.936 | 858807 | 0.999 | 14.711 |
| 9/16/2018 20:00 | 943200 | 56826 | 1691 | 131208 | 1163854 | 1376572 | 0.695 | 0.936 | 859214 | 0.999 | |

| | | | | | | | | | | | |
|-----------------|---------|--------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/18/2018 3:15 | 1055700 | 56.884 | 16.913 | 131.344 | 1162.916 | 1375.36 | 0.695 | 0.935 | 859.907 | 0.999 | 14.71 |
| 9/18/2018 3:30 | 1056600 | 56.886 | 16.914 | 131.349 | 1162.919 | 1374.461 | 0.694 | 0.935 | 860.444 | 0.999 | 14.709 |
| 9/18/2018 3:45 | 1057500 | 56.881 | 16.914 | 131.335 | 1162.459 | 1374.787 | 0.694 | 0.935 | 860.245 | 0.999 | 14.714 |
| 9/18/2018 4:00 | 1058400 | 56.888 | 16.913 | 131.353 | 1162.695 | 1375.101 | 0.695 | 0.935 | 860.071 | 0.999 | 14.71 |
| 9/18/2018 4:15 | 1059300 | 56.893 | 16.914 | 131.365 | 1162.569 | 1374.917 | 0.694 | 0.935 | 860.164 | 0.999 | 14.711 |
| 9/18/2018 4:30 | 1060200 | 56.899 | 16.913 | 131.379 | 1162.459 | 1374.803 | 0.694 | 0.935 | 860.246 | 0.999 | 14.714 |
| 9/18/2018 4:45 | 1061100 | 56.894 | 16.913 | 131.367 | 1162.578 | 1375.078 | 0.695 | 0.935 | 860.072 | 0.999 | 14.715 |
| 9/18/2018 5:00 | 1062000 | 56.902 | 16.912 | 131.386 | 1162.443 | 1374.827 | 0.694 | 0.935 | 860.257 | 0.999 | 14.715 |
| 9/18/2018 5:15 | 1062900 | 56.902 | 16.913 | 131.385 | 1162.57 | 1374.94 | 0.694 | 0.935 | 860.163 | 0.999 | 14.719 |
| 9/18/2018 5:30 | 1063800 | 56.912 | 16.913 | 131.408 | 1162.407 | 1374.764 | 0.694 | 0.935 | 860.284 | 0.999 | 14.715 |
| 9/18/2018 5:45 | 1064700 | 56.921 | 16.913 | 131.428 | 1162.357 | 1374.699 | 0.694 | 0.935 | 860.321 | 0.999 | 14.71 |
| 9/18/2018 6:00 | 1065600 | 56.916 | 16.913 | 131.416 | 1162.51 | 1374.868 | 0.694 | 0.935 | 860.208 | 0.999 | 14.72 |
| 9/18/2018 6:15 | 1066500 | 56.928 | 16.913 | 131.445 | 1162.113 | 1374.391 | 0.694 | 0.935 | 860.502 | 0.999 | 14.716 |
| 9/18/2018 6:30 | 1067400 | 56.928 | 16.914 | 131.446 | 1162.247 | 1374.547 | 0.694 | 0.935 | 860.402 | 0.999 | 14.724 |
| 9/18/2018 6:45 | 1068300 | 56.929 | 16.912 | 131.446 | 1162.327 | 1374.704 | 0.694 | 0.935 | 860.343 | 0.999 | 14.725 |
| 9/18/2018 7:00 | 1069200 | 56.925 | 16.911 | 131.437 | 1162.731 | 1375.19 | 0.695 | 0.935 | 860.404 | 0.999 | 14.722 |
| 9/18/2018 7:15 | 1070100 | 56.942 | 16.913 | 131.477 | 1162.897 | 1375.343 | 0.695 | 0.935 | 859.921 | 0.999 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 56.939 | 16.912 | 131.47 | 1162.949 | 1375.412 | 0.695 | 0.935 | 859.883 | 0.999 | 14.725 |
| 9/18/2018 7:45 | 1072000 | 56.935 | 16.913 | 131.465 | 1163.085 | 1375.61 | 0.695 | 0.935 | 859.78 | 0.999 | 14.723 |
| 9/18/2018 8:00 | 1072800 | 56.935 | 16.911 | 131.461 | 1163.328 | 1375.921 | 0.695 | 0.936 | 859.602 | 0.999 | 14.724 |
| 9/18/2018 8:15 | 1073700 | 56.927 | 16.912 | 131.442 | 1163.34 | 1375.875 | 0.695 | 0.936 | 859.594 | 0.999 | 14.726 |
| 9/18/2018 8:30 | 1074600 | 56.933 | 16.91 | 131.457 | 1162.963 | 1375.497 | 0.695 | 0.935 | 859.872 | 0.999 | 14.724 |
| 9/18/2018 8:45 | 1075500 | 56.923 | 16.911 | 131.433 | 1162.793 | 1375.258 | 0.695 | 0.935 | 859.998 | 0.999 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 56.915 | 16.913 | 131.414 | 1162.477 | 1374.851 | 0.694 | 0.935 | 860.232 | 0.999 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 56.904 | 16.91 | 131.389 | 1162.594 | 1375.552 | 0.695 | 0.935 | 859.85 | 0.999 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 56.886 | 16.911 | 131.347 | 1162.914 | 1375.917 | 0.695 | 0.935 | 859.909 | 0.999 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 56.897 | 16.911 | 131.372 | 1162.33 | 1374.737 | 0.694 | 0.935 | 860.341 | 0.999 | 14.731 |
| 9/18/2018 10:00 | 1080000 | 56.877 | 16.911 | 131.327 | 1162.738 | 1375.209 | 0.695 | 0.935 | 860.039 | 0.999 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 56.879 | 16.911 | 131.332 | 1162.497 | 1374.924 | 0.694 | 0.935 | 860.217 | 0.999 | 14.73 |
| 9/18/2018 10:30 | 1081800 | 56.869 | 16.911 | 131.308 | 1162.459 | 1374.866 | 0.694 | 0.935 | 860.245 | 0.999 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 56.86 | 16.911 | 131.289 | 1162.491 | 1374.904 | 0.694 | 0.935 | 860.221 | 0.999 | 14.734 |
| 9/18/2018 11:00 | 1083600 | 56.856 | 16.91 | 131.28 | 1162.205 | 1374.595 | 0.694 | 0.935 | 860.434 | 0.999 | 14.726 |
| 9/18/2018 11:15 | 1084500 | 56.839 | 16.911 | 131.238 | 1162.908 | 1375.416 | 0.695 | 0.935 | 859.913 | 0.999 | 14.728 |
| 9/18/2018 11:30 | 1085400 | 56.816 | 16.911 | 131.186 | 1163.083 | 1375.628 | 0.695 | 0.935 | 859.784 | 0.999 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 56.809 | 16.911 | 131.17 | 1162.831 | 1375.33 | 0.695 | 0.935 | 859.97 | 0.999 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 56.794 | 16.912 | 131.135 | 1162.657 | 1375.089 | 0.695 | 0.935 | 860.099 | 0.999 | 14.727 |
| 9/18/2018 12:15 | 1088100 | 56.784 | 16.911 | 131.114 | 1162.886 | 1375.145 | 0.695 | 0.935 | 860.077 | 0.999 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 56.764 | 16.911 | 131.067 | 1162.789 | 1375.264 | 0.695 | 0.935 | 860.001 | 0.999 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 56.742 | 16.909 | 131.015 | 1162.685 | 1375.215 | 0.695 | 0.935 | 860.078 | 0.999 | 14.723 |
| 9/18/2018 13:00 | 1090800 | 56.729 | 16.908 | 130.986 | 1163.301 | 1375.965 | 0.695 | 0.936 | 859.623 | 0.999 | 14.721 |
| 9/18/2018 13:15 | 1091700 | 56.737 | 16.91 | 131.004 | 1163.254 | 1375.849 | 0.695 | 0.936 | 859.658 | 0.999 | 14.717 |
| 9/18/2018 13:30 | 1092600 | 56.73 | 16.908 | 130.988 | 1162.831 | 1375.423 | 0.695 | 0.935 | 859.97 | 0.999 | 14.713 |
| 9/18/2018 13:45 | 1093500 | 56.714 | 16.909 | 130.952 | 1163.237 | 1375.87 | 0.695 | 0.936 | 859.67 | 0.999 | 14.716 |
| 9/18/2018 14:00 | 1094400 | 56.705 | 16.909 | 130.933 | 1163.773 | 1376.034 | 0.695 | 0.936 | 859.569 | 0.999 | 14.709 |
| 9/18/2018 14:15 | 1095300 | 56.696 | 16.909 | 130.908 | 1162.965 | 1375.527 | 0.695 | 0.935 | 859.871 | 0.999 | 14.709 |
| 9/18/2018 14:30 | 1096200 | 56.686 | 16.911 | 130.886 | 1162.693 | 1375.166 | 0.695 | 0.935 | 860.073 | 0.999 | 14.703 |
| 9/18/2018 14:45 | 1097100 | 56.675 | 16.911 | 130.86 | 1162.937 | 1375.458 | 0.695 | 0.935 | 859.892 | 0.999 | 14.704 |
| 9/18/2018 15:00 | 1098000 | 56.67 | 16.91 | 130.849 | 1162.715 | 1375.209 | 0.695 | 0.935 | 860.056 | 0.999 | 14.702 |
| 9/18/2018 15:15 | 1098900 | 56.663 | 16.912 | 130.834 | 1162.692 | 1375.125 | 0.695 | 0.935 | 860.073 | 0.999 | 14.704 |
| 9/18/2018 15:30 | 1099800 | 56.66 | 16.91 | 130.827 | 1162.749 | 1375.266 | 0.695 | 0.935 | 860.031 | 0.999 | 14.7 |
| 9/18/2018 15:45 | 1100700 | 56.65 | 16.91 | 130.804 | 1162.262 | 1374.666 | 0.694 | 0.935 | 860.391 | 0.999 | 14.704 |
| 9/18/2018 16:00 | 1101600 | 56.654 | 16.911 | 130.813 | 1162.197 | 1374.581 | 0.694 | 0.935 | 860.439 | 0.999 | 14.698 |
| 9/18/2018 16:15 | 1102500 | 56.641 | 16.911 | 130.783 | 1161.662 | 1373.921 | 0.694 | 0.934 | 860.835 | 0.999 | 14.705 |
| 9/18/2018 16:30 | 1103400 | 56.635 | 16.913 | 130.77 | 1161.833 | 1374.076 | 0.694 | 0.934 | 860.709 | 0.999 | 14.704 |
| 9/18/2018 16:45 | 1104300 | 56.633 | 16.913 | 130.764 | 1161.647 | 1373.865 | 0.694 | 0.934 | 860.847 | 0.999 | 14.701 |
| 9/18/2018 17:00 | 1105200 | 56.636 | 16.912 | 130.77 | 1161.846 | 1374.127 | 0.694 | 0.934 | 860.699 | 0.999 | 14.694 |
| 9/18/2018 17:15 | 1106100 | 56.634 | 16.911 | 130.766 | 1162.009 | 1374.344 | 0.694 | 0.935 | 860.579 | 0.999 | 14.695 |
| 9/18/2018 17:30 | 1107000 | 56.622 | 16.911 | 130.738 | 1162.025 | 1374.369 | 0.694 | 0.935 | 860.566 | 0.999 | 14.697 |
| 9/18/2018 17:45 | 1107900 | 56.629 | 16.912 | 130.755 | 1161.857 | 1374.12 | 0.694 | 0.934 | 860.691 | 0.999 | 14.699 |
| 9/18/2018 18:00 | 1108800 | 56.612 | 16.913 | 130.715 | 1161.732 | 1373.959 | 0.694 | 0.934 | 860.784 | 0.999 | 14.699 |
| 9/18/2018 18:15 | 1109700 | 56.624 | 16.911 | 130.742 | 1162.078 | 1374.418 | 0.694 | 0.935 | 860.527 | 0.999 | 14.692 |
| 9/18/2018 18:30 | 1110600 | 56.63 | 16.913 | 130.757 | 1161.945 | 1374.224 | 0.694 | 0.934 | 860.619 | 0.999 | 14.689 |
| 9/18/2018 18:45 | 1111500 | 56.63 | 16.913 | 130.757 | 1161.413 | 1373.59 | 0.694 | 0.934 | 861.02 | 0.999 | 14.688 |
| 9/18/2018 19:00 | 1112400 | 56.638 | 16.912 | 130.775 | 1161.937 | 1374.221 | 0.694 | 0.934 | 860.632 | 0.999 | 14.691 |
| 9/18/2018 19:15 | 1113300 | 56.638 | 16.912 | 130.774 | 1161.888 | 1374.179 | 0.694 | 0.934 | 860.668 | 0.999 | 14.684 |
| 9/18/2018 19:30 | 1114200 | 56.632 | 16.912 | 130.762 | 1162.079 | 1374.405 | 0.694 | 0.935 | 860.527 | 0.999 | 14.691 |
| 9/18/2018 19:45 | 1115100 | 56.631 | 16.913 | 130.759 | 1161.834 | 1374.069 | 0.694 | 0.934 | 860.708 | 0.999 | 14.693 |
| 9/18/2018 20:00 | 1116000 | 56.627 | 16.913 | 130.717 | 1161.743 | 1373.663 | 0.694 | 0.934 | 860.976 | 0.999 | 14.694 |
| 9/18/2018 20:15 | 1116900 | 56.628 | 16.911 | 130.751 | 1161.477 | 1373.71 | 0.694 | 0.934 | 860.972 | 0.999 | 14.694 |
| 9/18/2018 20:30 | 1117800 | 56.635 | 16.912 | 130.769 | 1161.613 | 1373.835 | 0.694 | 0.934 | 860.872 | 0.999 | 14.688 |
| 9/18/2018 20:45 | 1118700 | 56.639 | 16.91 | 130.777 | 1161.434 | 1373.689 | 0.694 | 0.934 | 861.004 | 0.999 | 14.688 |
| 9/18/2018 21:00 | 1119600 | 56.64 | 16.912 | 130.781 | 1161.744 | 1374.015 | 0.694 | 0.934 | 860.775 | 0.999 | 14.685 |
| 9/18/2018 21:15 | 1120500 | 56.644 | 16.913 | 130.789 | 1161.756 | 1373.98 | 0.694 | 0.934 | 860.766 | 0.999 | 14.688 |
| 9/18/2018 21:30 | 1121400 | 56.639 | 16.913 | 130.778 | 1161.678 | 1373.742 | 0.694 | 0.934 | 860.675 | 0.999 | 14.687 |
| 9/18/2018 21:45 | 1122300 | 56.648 | 16.911 | 130.798 | 1161.707 | 1373.995 | 0.694 | 0.934 | 860.802 | 0.999 | 14.688 |
| 9/18/2018 22:00 | 1123200 | 56.655 | 16.911 | 130.814 | 1162.091 | 1374.431 | 0.694 | 0.935 | 860.518 | 0.999 | 14.688 |
| 9/18/2018 22:15 | 1124100 | 56.665 | 16.912 | 130.837 | 1161.781 | 1374.045 | 0.694 | 0.934 | 860.747 | 0.999 | 14.682 |
| 9/18/2018 22:30 | 1125000 | 56.66 | 16.913 | 130.827 | 1161.91 | 1374.167 | 0.694 | 0.934 | 860.652 | 0.999 | 14.688 |
| 9/18/2018 22:45 | 1125900 | 56.67 | 16.912 | 130.849 | 1161.603 | 1373.829 | 0.694 | 0.934 | 860.879 | 0.999 | 14.684 |
| 9/18/2018 23:00 | 1126800 | 56.667 | 16.913 | 130.842 | 1161.596 | 1373.809 | 0.694 | 0.934 | 860.885 | 0.999 | 14.689 |
| 9/18/2018 23:15 | 1127700 | 56.679 | 16.911 | 130.869 | 1161.782 | 1374.068 | 0.694 | 0.934 | 860.746 | 0.999 | 14.685 |
| 9/18/2018 23:30 | 1128600 | 56.681 | 16.913 | 130.874 | 1161.558 | 1373.738 | 0.694 | 0.934 | 860.912 | 0.999 | 14.687 |
| 9/18/2018 23:45 | 1129500 | 56.68 | 16.912 | 130.872 | 1161.505 | 1373.715 | 0.694 | 0.934 | 860.952 | | |

| | | | | | | | | | | | |
|-----------------|---------|-------|-------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/20/2018 8:00 | 1245600 | 56939 | 16912 | 131.471 | 1161.121 | 1373.275 | 0.694 | 0.934 | 861.237 | 0.999 | 14.661 |
| 9/20/2018 8:15 | 1246500 | 5694 | 16908 | 131.472 | 1160.801 | 1373.008 | 0.693 | 0.934 | 861.474 | 0.999 | 14.663 |
| 9/20/2018 8:30 | 1247400 | 56947 | 16911 | 131.49 | 1160.671 | 1372.756 | 0.693 | 0.933 | 861.57 | 0.999 | 14.662 |
| 9/20/2018 8:45 | 1248300 | 56949 | 16908 | 131.493 | 1160.812 | 1373.031 | 0.693 | 0.934 | 861.466 | 0.999 | 14.666 |
| 9/20/2018 9:00 | 1249200 | 56953 | 16908 | 131.502 | 1161.063 | 1373.31 | 0.694 | 0.934 | 861.28 | 0.999 | 14.665 |
| 9/20/2018 9:15 | 1250100 | 56956 | 16911 | 131.511 | 1161.03 | 1373.192 | 0.694 | 0.934 | 861.304 | 0.999 | 14.666 |
| 9/20/2018 9:30 | 1251000 | 56955 | 16911 | 131.511 | 1160.878 | 1373.04 | 0.694 | 0.934 | 861.117 | 0.999 | 14.664 |
| 9/20/2018 9:45 | 1251900 | 56966 | 16911 | 131.532 | 1161.282 | 1373.474 | 0.694 | 0.934 | 861.117 | 0.999 | 14.666 |
| 9/20/2018 10:00 | 1252800 | 5694 | 16908 | 131.472 | 1160.976 | 1373.209 | 0.694 | 0.934 | 861.345 | 0.999 | 14.667 |
| 9/20/2018 10:15 | 1253700 | 56933 | 16911 | 131.455 | 1161.051 | 1373.198 | 0.694 | 0.934 | 861.289 | 0.999 | 14.668 |
| 9/20/2018 10:30 | 1254600 | 5694 | 16911 | 131.473 | 1160.765 | 1372.865 | 0.693 | 0.934 | 861.501 | 0.999 | 14.668 |
| 9/20/2018 10:45 | 1255500 | 5693 | 16909 | 131.451 | 1160.446 | 1372.547 | 0.693 | 0.933 | 861.738 | 0.999 | 14.671 |
| 9/20/2018 11:00 | 1256400 | 5693 | 16911 | 131.45 | 1160.894 | 1373.069 | 0.694 | 0.934 | 861.405 | 0.999 | 14.669 |
| 9/20/2018 11:15 | 1257300 | 56914 | 16908 | 131.412 | 1160.964 | 1373.208 | 0.694 | 0.934 | 861.354 | 0.999 | 14.671 |
| 9/20/2018 11:30 | 1258200 | 56904 | 16908 | 131.389 | 1160.723 | 1372.918 | 0.693 | 0.934 | 861.532 | 0.999 | 14.662 |
| 9/20/2018 11:45 | 1259100 | 56913 | 16908 | 131.411 | 1160.283 | 1372.409 | 0.693 | 0.933 | 861.858 | 0.999 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 56895 | 16908 | 131.369 | 1160.761 | 1372.955 | 0.693 | 0.934 | 861.504 | 0.999 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 5691 | 16908 | 131.404 | 1160.863 | 1373.081 | 0.694 | 0.934 | 861.428 | 0.999 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 56936 | 16911 | 131.393 | 1161.26 | 1373.24 | 0.694 | 0.934 | 861.233 | 0.999 | 14.669 |
| 9/20/2018 12:45 | 1262700 | 56889 | 16908 | 131.354 | 1160.838 | 1373.065 | 0.693 | 0.934 | 861.447 | 0.999 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 56895 | 16908 | 131.369 | 1160.794 | 1372.992 | 0.693 | 0.934 | 861.479 | 0.999 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 56896 | 16906 | 131.372 | 1160.837 | 1373.104 | 0.694 | 0.934 | 861.448 | 0.999 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 56892 | 16909 | 131.361 | 1160.906 | 1373.112 | 0.694 | 0.934 | 861.397 | 0.999 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 56875 | 16909 | 131.323 | 1161.115 | 1373.35 | 0.694 | 0.934 | 861.241 | 0.999 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 56885 | 1691 | 131.345 | 1160.264 | 1372.324 | 0.693 | 0.933 | 861.873 | 0.999 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 56893 | 16909 | 131.363 | 1160.746 | 1372.919 | 0.693 | 0.934 | 861.515 | 0.999 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 5689 | 16911 | 131.358 | 1160.922 | 1373.067 | 0.694 | 0.934 | 861.384 | 0.999 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 56885 | 1691 | 131.345 | 1160.776 | 1372.908 | 0.693 | 0.934 | 861.493 | 0.999 | 14.664 |
| 9/20/2018 15:00 | 1270800 | 56887 | 16908 | 131.351 | 1160.817 | 1373.018 | 0.693 | 0.934 | 861.462 | 0.999 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 56887 | 16909 | 131.349 | 1160.722 | 1372.895 | 0.693 | 0.934 | 861.533 | 0.999 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 56886 | 16911 | 131.348 | 1161.106 | 1373.289 | 0.694 | 0.934 | 861.248 | 0.999 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 56884 | 16909 | 131.343 | 1160.72 | 1372.876 | 0.693 | 0.934 | 861.534 | 0.999 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 5688 | 1691 | 131.335 | 1161.223 | 1373.439 | 0.694 | 0.934 | 861.161 | 0.999 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 56882 | 16911 | 131.338 | 1160.996 | 1373.162 | 0.694 | 0.934 | 861.33 | 0.999 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 56865 | 16912 | 131.299 | 1160.779 | 1372.873 | 0.693 | 0.934 | 861.491 | 0.999 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 56875 | 16909 | 131.323 | 1160.895 | 1373.076 | 0.694 | 0.934 | 861.404 | 0.999 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 56874 | 1691 | 131.321 | 1160.65 | 1372.792 | 0.693 | 0.933 | 861.575 | 0.999 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 56858 | 1691 | 131.284 | 1160.739 | 1372.861 | 0.693 | 0.934 | 861.52 | 0.999 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 56868 | 16911 | 131.307 | 1160.713 | 1372.8 | 0.693 | 0.934 | 861.539 | 0.999 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 56869 | 16913 | 131.31 | 1160.208 | 1372.166 | 0.693 | 0.933 | 861.914 | 0.999 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 56872 | 1691 | 131.315 | 1160.691 | 1372.818 | 0.693 | 0.934 | 861.556 | 0.999 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 56875 | 16912 | 131.321 | 1160.629 | 1372.679 | 0.693 | 0.933 | 861.602 | 0.999 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 5686 | 1691 | 131.289 | 1160.678 | 1372.803 | 0.693 | 0.934 | 861.565 | 0.999 | 14.66 |
| 9/20/2018 18:45 | 1284300 | 5686 | 16912 | 131.287 | 1160.453 | 1372.466 | 0.693 | 0.933 | 861.732 | 0.999 | 14.661 |
| 9/20/2018 19:00 | 1285200 | 56865 | 16911 | 131.298 | 1160.261 | 1372.282 | 0.693 | 0.933 | 861.875 | 0.999 | 14.658 |
| 9/20/2018 19:15 | 1286100 | 56858 | 16911 | 131.284 | 1160.239 | 1372.256 | 0.693 | 0.933 | 861.891 | 0.999 | 14.663 |
| 9/20/2018 19:30 | 1287000 | 56842 | 16911 | 131.247 | 1160.381 | 1372.406 | 0.693 | 0.933 | 861.786 | 0.999 | 14.664 |
| 9/20/2018 19:45 | 1287900 | 56861 | 16911 | 131.291 | 1160.948 | 1373.086 | 0.694 | 0.934 | 861.365 | 0.999 | 14.658 |
| 9/20/2018 20:00 | 1288800 | 56851 | 16913 | 131.266 | 1159.855 | 1371.748 | 0.693 | 0.933 | 862.176 | 0.999 | 14.665 |
| 9/20/2018 20:15 | 1289700 | 56851 | 16912 | 131.267 | 1159.854 | 1371.766 | 0.693 | 0.933 | 862.177 | 0.999 | 14.663 |
| 9/20/2018 20:30 | 1290600 | 5685 | 16914 | 131.264 | 1159.721 | 1371.548 | 0.693 | 0.933 | 862.277 | 0.999 | 14.665 |
| 9/20/2018 20:45 | 1291500 | 56845 | 16911 | 131.253 | 1160.234 | 1372.247 | 0.693 | 0.933 | 861.895 | 0.999 | 14.667 |
| 9/20/2018 21:00 | 1292400 | 56844 | 16913 | 131.251 | 1159.971 | 1371.874 | 0.693 | 0.933 | 862.09 | 0.999 | 14.669 |
| 9/20/2018 21:15 | 1293300 | 56848 | 16912 | 131.26 | 1159.982 | 1371.922 | 0.693 | 0.933 | 862.083 | 0.999 | 14.664 |
| 9/20/2018 21:30 | 1294200 | 56837 | 16912 | 131.236 | 1160.102 | 1372.048 | 0.693 | 0.933 | 861.993 | 0.999 | 14.675 |
| 9/20/2018 21:45 | 1295100 | 56839 | 16912 | 131.241 | 1159.706 | 1371.577 | 0.693 | 0.933 | 862.287 | 0.999 | 14.675 |
| 9/20/2018 22:00 | 1296000 | 56842 | 16912 | 131.246 | 1159.661 | 1371.527 | 0.693 | 0.933 | 862.321 | 0.999 | 14.673 |
| 9/20/2018 22:15 | 1296900 | 56833 | 16914 | 131.226 | 1159.108 | 1370.818 | 0.692 | 0.932 | 862.732 | 0.999 | 14.679 |
| 9/20/2018 22:30 | 1297800 | 5684 | 16913 | 131.242 | 1159.157 | 1370.925 | 0.692 | 0.932 | 862.696 | 0.999 | 14.67 |
| 9/20/2018 22:45 | 1298700 | 56835 | 16911 | 131.231 | 1159.641 | 1371.537 | 0.693 | 0.933 | 862.336 | 0.999 | 14.672 |
| 9/20/2018 23:00 | 1299600 | 56836 | 16914 | 131.231 | 1159.706 | 1371.53 | 0.693 | 0.933 | 862.288 | 0.999 | 14.672 |
| 9/20/2018 23:15 | 1300500 | 56835 | 1691 | 131.23 | 1160.029 | 1372.027 | 0.693 | 0.933 | 862.047 | 0.999 | 14.67 |
| 9/20/2018 23:30 | 1301400 | 56822 | 16913 | 131.199 | 1159.523 | 1371.328 | 0.693 | 0.933 | 862.423 | 0.999 | 14.667 |
| 9/20/2018 23:45 | 1302300 | 56833 | 16913 | 131.226 | 1159.6 | 1371.424 | 0.693 | 0.933 | 862.367 | 0.999 | 14.674 |
| 9/21/2018 0:00 | 1303200 | 56841 | 16912 | 131.243 | 1159.396 | 1371.22 | 0.693 | 0.932 | 862.518 | 0.999 | 14.667 |
| 9/21/2018 0:15 | 1304100 | 56838 | 16913 | 131.236 | 1159.625 | 1371.478 | 0.693 | 0.933 | 862.348 | 0.999 | 14.672 |
| 9/21/2018 0:30 | 1305000 | 56831 | 16914 | 131.22 | 1159.412 | 1371.178 | 0.693 | 0.932 | 862.506 | 0.999 | 14.667 |
| 9/21/2018 0:45 | 1305900 | 56848 | 16913 | 131.261 | 1159.404 | 1371.184 | 0.693 | 0.933 | 862.251 | 0.999 | 14.663 |
| 9/21/2018 1:00 | 1306800 | 56845 | 16914 | 131.252 | 1159.521 | 1371.301 | 0.693 | 0.932 | 862.425 | 0.999 | 14.668 |
| 9/21/2018 1:15 | 1307700 | 56848 | 16913 | 131.261 | 1159.581 | 1371.426 | 0.693 | 0.933 | 862.38 | 0.999 | 14.669 |
| 9/21/2018 1:30 | 1308600 | 56854 | 16912 | 131.273 | 1159.755 | 1371.635 | 0.693 | 0.933 | 862.251 | 0.999 | 14.661 |
| 9/21/2018 1:45 | 1309500 | 56852 | 16913 | 131.269 | 1159.294 | 1371.087 | 0.692 | 0.932 | 862.594 | 0.999 | 14.665 |
| 9/21/2018 2:00 | 1310400 | 56856 | 16913 | 131.278 | 1159.681 | 1371.515 | 0.693 | 0.933 | 862.306 | 0.999 | 14.665 |
| 9/21/2018 2:15 | 1311300 | 56856 | 16913 | 131.279 | 1159.254 | 1371.016 | 0.692 | 0.932 | 862.433 | 0.999 | 14.667 |
| 9/21/2018 2:30 | 1312200 | 56864 | 16913 | 131.298 | 1159.38 | 1371.186 | 0.693 | 0.932 | 862.53 | 0.999 | 14.659 |
| 9/21/2018 2:45 | 1313100 | 56866 | 16913 | 131.303 | 1159.431 | 1371.246 | 0.693 | 0.932 | 862.492 | 0.999 | 14.662 |
| 9/21/2018 3:00 | 1314000 | 56864 | 16912 | 131.298 | 1159.07 | 1370.847 | 0.692 | 0.932 | 862.76 | 0.999 | 14.673 |
| 9/21/2018 3:15 | 1314900 | 56872 | 16912 | 131.315 | 1159.568 | 1371.43 | 0.693 | 0.933 | 862.39 | 0.999 | 14.668 |
| 9/21/2018 3:30 | 1315800 | 56874 | 16912 | 131.321 | 1160.038 | 1371.986 | 0.693 | 0.933 | 862.041 | 0.999 | 14.668 |
| 9/21/2018 3:45 | 1316700 | 56864 | 16911 | 131.297 | 1159.544 | 1371.415 | 0.693 | 0.933 | 862.408 | 0.999 | 14.669 |
| 9/21/2018 4:00 | 1317600 | 56884 | 16912 | 131.343 | 1159.58 | 1371.447 | 0.693 | 0.933 | 862.381 | 0.999 | 14.666 |
| 9/21/2018 4:15 | 1318500 | 56876 | 16913 | 131.325 | 1159.104 | 1370.854 | 0.692 | 0.932 | 862.736 | 0.999 | 14.671 |
| 9/21/2018 4:30 | 1319400 | 56893 | 16912 | 131.363 | 1159.604 | 1371.457 | 0.693 | 0.933 | 862.363 | 0.999 | 14.675 |
| 9/21/2018 4:45 | 1320300 | 56903 | 16913 | 131.387 | 1159.57 | 1371.383 | 0.693 | 0.933 | 862.389 | 0.999 | 14.673 |

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|-----------------|---------|--------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/22/2018 12:45 | 1435500 | 56.812 | 16.91 | 131.178 | 1159.604 | 1371.543 | 0.693 | 0.933 | 862.363 | 0.999 | 14.733 |
| 9/22/2018 13:00 | 1436400 | 56.808 | 16.911 | 131.169 | 1159.539 | 1371.415 | 0.693 | 0.933 | 862.411 | 0.999 | 14.732 |
| 9/22/2018 13:15 | 1437300 | 56.786 | 16.909 | 131.116 | 1159.25 | 1371.158 | 0.692 | 0.932 | 862.626 | 0.999 | 14.73 |
| 9/22/2018 13:30 | 1438200 | 56.782 | 16.909 | 131.108 | 1159.639 | 1371.606 | 0.693 | 0.933 | 862.338 | 0.999 | 14.726 |
| 9/22/2018 13:45 | 1439100 | 56.774 | 16.91 | 131.089 | 1158.984 | 1370.804 | 0.692 | 0.932 | 862.824 | 0.999 | 14.721 |
| 9/22/2018 14:00 | 1440000 | 56.758 | 16.909 | 131.053 | 1159.786 | 1371.775 | 0.693 | 0.933 | 862.228 | 0.999 | 14.721 |
| 9/22/2018 14:15 | 1440900 | 56.749 | 16.91 | 131.031 | 1159.271 | 1371.132 | 0.692 | 0.932 | 862.606 | 0.999 | 14.717 |
| 9/22/2018 14:30 | 1441800 | 56.739 | 16.91 | 131.009 | 1159.455 | 1371.359 | 0.693 | 0.933 | 862.474 | 0.999 | 14.716 |
| 9/22/2018 14:45 | 1442700 | 56.706 | 16.91 | 130.932 | 1159.74 | 1371.691 | 0.693 | 0.933 | 862.262 | 0.999 | 14.715 |
| 9/22/2018 15:00 | 1443600 | 56.709 | 16.91 | 130.94 | 1158.928 | 1370.744 | 0.692 | 0.932 | 862.866 | 0.999 | 14.714 |
| 9/22/2018 15:15 | 1444500 | 56.699 | 16.912 | 130.917 | 1159.33 | 1371.149 | 0.692 | 0.932 | 862.567 | 0.999 | 14.713 |
| 9/22/2018 15:30 | 1445400 | 56.693 | 16.909 | 130.903 | 1159.982 | 1372.003 | 0.693 | 0.933 | 862.003 | 0.999 | 14.712 |
| 9/22/2018 15:45 | 1446300 | 56.671 | 16.91 | 130.851 | 1159.76 | 1371.51 | 0.693 | 0.933 | 862.384 | 0.999 | 14.711 |
| 9/22/2018 16:00 | 1447200 | 56.681 | 16.91 | 130.874 | 1159.574 | 1371.55 | 0.693 | 0.933 | 862.385 | 0.999 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 56.673 | 16.911 | 130.857 | 1159.384 | 1371.251 | 0.693 | 0.932 | 862.527 | 0.999 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 56.658 | 16.91 | 130.821 | 1159.697 | 1371.656 | 0.693 | 0.933 | 862.294 | 0.999 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 56.65 | 16.91 | 130.802 | 1159.842 | 1371.801 | 0.693 | 0.933 | 862.186 | 0.999 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 56.659 | 16.911 | 130.824 | 1159.549 | 1371.451 | 0.693 | 0.933 | 862.404 | 0.999 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 56.637 | 16.91 | 130.793 | 1158.728 | 1370.499 | 0.692 | 0.932 | 862.458 | 0.999 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 56.645 | 16.909 | 130.792 | 1159.613 | 1371.564 | 0.693 | 0.933 | 862.357 | 0.999 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 56.638 | 16.91 | 130.776 | 1159.528 | 1371.432 | 0.693 | 0.933 | 862.42 | 0.999 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 56.639 | 16.911 | 130.779 | 1158.999 | 1370.787 | 0.692 | 0.932 | 862.813 | 0.999 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 56.644 | 16.911 | 130.788 | 1159.02 | 1370.823 | 0.692 | 0.932 | 862.798 | 0.999 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 56.632 | 16.912 | 130.762 | 1158.648 | 1370.35 | 0.692 | 0.932 | 863.075 | 0.999 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 56.633 | 16.91 | 130.763 | 1158.728 | 1370.499 | 0.692 | 0.932 | 863.015 | 0.999 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 56.611 | 16.913 | 130.713 | 1158.658 | 1370.329 | 0.692 | 0.932 | 863.068 | 0.999 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 56.624 | 16.912 | 130.744 | 1158.354 | 1370.002 | 0.692 | 0.932 | 863.294 | 0.999 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 56.618 | 16.912 | 130.729 | 1158.917 | 1370.66 | 0.692 | 0.932 | 862.874 | 0.999 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 56.628 | 16.91 | 130.752 | 1158.917 | 1370.714 | 0.692 | 0.932 | 862.874 | 0.999 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 56.623 | 16.912 | 130.74 | 1158.313 | 1369.941 | 0.692 | 0.932 | 863.324 | 0.999 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 56.629 | 16.912 | 130.793 | 1158.048 | 1369.627 | 0.692 | 0.931 | 863.522 | 0.999 | 14.692 |
| 9/22/2018 20:30 | 1463400 | 56.615 | 16.913 | 130.722 | 1158.212 | 1369.807 | 0.692 | 0.931 | 863.4 | 0.999 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 56.626 | 16.912 | 130.748 | 1158.384 | 1370.027 | 0.692 | 0.932 | 863.272 | 0.999 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 56.621 | 16.911 | 130.737 | 1158.631 | 1370.343 | 0.692 | 0.932 | 863.088 | 0.999 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 56.633 | 16.91 | 130.764 | 1158.268 | 1369.942 | 0.692 | 0.932 | 863.358 | 0.999 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 56.639 | 16.912 | 130.778 | 1158.095 | 1369.672 | 0.692 | 0.931 | 863.487 | 0.999 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 56.653 | 16.909 | 130.809 | 1158.548 | 1370.24 | 0.692 | 0.932 | 863.149 | 0.999 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 56.658 | 16.912 | 130.821 | 1158.171 | 1369.773 | 0.692 | 0.931 | 863.43 | 0.999 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 56.666 | 16.912 | 130.84 | 1158.897 | 1370.637 | 0.692 | 0.932 | 862.889 | 0.999 | 14.694 |
| 9/22/2018 22:30 | 1470600 | 56.67 | 16.912 | 130.848 | 1158.452 | 1370.105 | 0.692 | 0.932 | 863.221 | 0.999 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 56.676 | 16.912 | 130.862 | 1158.525 | 1370.18 | 0.692 | 0.932 | 863.166 | 0.999 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 56.681 | 16.911 | 130.875 | 1158 | 1369.591 | 0.692 | 0.931 | 863.558 | 0.999 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 56.677 | 16.913 | 130.865 | 1158.699 | 1370.38 | 0.692 | 0.932 | 863.037 | 0.999 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 56.698 | 16.911 | 130.914 | 1158.678 | 1370.391 | 0.692 | 0.932 | 863.052 | 0.999 | 14.689 |
| 9/22/2018 23:45 | 1475100 | 56.706 | 16.911 | 130.934 | 1158.468 | 1370.145 | 0.692 | 0.932 | 863.209 | 0.999 | 14.694 |
| 9/23/2018 0:00 | 1476000 | 56.709 | 16.912 | 130.94 | 1158.399 | 1370.055 | 0.692 | 0.932 | 863.261 | 0.999 | 14.695 |
| 9/23/2018 0:15 | 1476900 | 56.7 | 16.912 | 130.918 | 1158.211 | 1369.809 | 0.692 | 0.931 | 863.401 | 0.999 | 14.697 |
| 9/23/2018 0:30 | 1477800 | 56.723 | 16.912 | 130.973 | 1157.989 | 1369.563 | 0.692 | 0.931 | 863.566 | 0.999 | 14.693 |
| 9/23/2018 0:45 | 1478700 | 56.712 | 16.911 | 130.945 | 1158.271 | 1369.91 | 0.692 | 0.932 | 863.356 | 0.999 | 14.698 |
| 9/23/2018 1:00 | 1479600 | 56.739 | 16.912 | 131.01 | 1158.253 | 1369.877 | 0.692 | 0.932 | 863.369 | 0.999 | 14.699 |
| 9/23/2018 1:15 | 1480500 | 56.749 | 16.911 | 131.032 | 1158.27 | 1369.909 | 0.692 | 0.932 | 863.356 | 0.999 | 14.693 |
| 9/23/2018 1:30 | 1481400 | 56.751 | 16.911 | 131.036 | 1158.375 | 1370.054 | 0.692 | 0.932 | 863.279 | 0.999 | 14.696 |
| 9/23/2018 1:45 | 1482300 | 56.767 | 16.912 | 131.072 | 1157.929 | 1369.48 | 0.692 | 0.931 | 863.611 | 0.999 | 14.686 |
| 9/23/2018 2:00 | 1483200 | 56.768 | 16.913 | 131.075 | 1158.306 | 1369.902 | 0.692 | 0.932 | 863.33 | 0.999 | 14.691 |
| 9/23/2018 2:15 | 1484100 | 56.776 | 16.912 | 131.094 | 1158.154 | 1369.763 | 0.692 | 0.931 | 863.443 | 0.999 | 14.688 |
| 9/23/2018 2:30 | 1485000 | 56.787 | 16.913 | 131.12 | 1158.427 | 1370.042 | 0.692 | 0.932 | 863.24 | 0.999 | 14.691 |
| 9/23/2018 2:45 | 1485900 | 56.786 | 16.913 | 131.117 | 1158.507 | 1370.14 | 0.692 | 0.932 | 863.18 | 0.999 | 14.694 |
| 9/23/2018 3:00 | 1486800 | 56.809 | 16.911 | 131.171 | 1158.734 | 1370.485 | 0.692 | 0.932 | 863.011 | 0.999 | 14.681 |
| 9/23/2018 3:15 | 1487700 | 56.802 | 16.911 | 131.154 | 1158.633 | 1370.346 | 0.692 | 0.932 | 863.086 | 0.999 | 14.693 |
| 9/23/2018 3:30 | 1488600 | 56.814 | 16.912 | 131.182 | 1158.214 | 1369.826 | 0.692 | 0.931 | 863.398 | 0.999 | 14.687 |
| 9/23/2018 3:45 | 1489500 | 56.825 | 16.911 | 131.208 | 1158.457 | 1370.145 | 0.692 | 0.932 | 863.217 | 0.999 | 14.682 |
| 9/23/2018 4:00 | 1490400 | 56.828 | 16.911 | 131.214 | 1158.59 | 1370.75 | 0.692 | 0.932 | 863.09 | 0.999 | 14.689 |
| 9/23/2018 4:15 | 1491300 | 56.845 | 16.909 | 131.254 | 1158.688 | 1370.466 | 0.692 | 0.932 | 863.045 | 0.999 | 14.682 |
| 9/23/2018 4:30 | 1492200 | 56.848 | 16.913 | 131.259 | 1158.945 | 1370.672 | 0.692 | 0.932 | 862.854 | 0.999 | 14.688 |
| 9/23/2018 4:45 | 1493100 | 56.862 | 16.912 | 131.291 | 1158.519 | 1370.187 | 0.692 | 0.932 | 863.171 | 0.999 | 14.679 |
| 9/23/2018 5:00 | 1494000 | 56.858 | 16.913 | 131.283 | 1158.61 | 1370.335 | 0.692 | 0.932 | 863.059 | 0.999 | 14.686 |
| 9/23/2018 5:15 | 1494900 | 56.87 | 16.912 | 131.312 | 1158.652 | 1370.335 | 0.692 | 0.932 | 863.072 | 0.999 | 14.678 |
| 9/23/2018 5:30 | 1495800 | 56.871 | 16.913 | 131.282 | 1158.782 | 1370.511 | 0.692 | 0.932 | 863.275 | 0.999 | 14.682 |
| 9/23/2018 5:45 | 1496700 | 56.886 | 16.91 | 131.349 | 1158.762 | 1370.523 | 0.692 | 0.932 | 862.99 | 0.999 | 14.682 |
| 9/23/2018 6:00 | 1497600 | 56.899 | 16.912 | 131.378 | 1158.564 | 1370.251 | 0.692 | 0.932 | 863.137 | 0.999 | 14.679 |
| 9/23/2018 6:15 | 1498500 | 56.894 | 16.912 | 131.367 | 1158.832 | 1370.56 | 0.692 | 0.932 | 862.938 | 0.999 | 14.691 |
| 9/23/2018 6:30 | 1499400 | 56.907 | 16.91 | 131.397 | 1158.428 | 1370.149 | 0.692 | 0.932 | 863.239 | 0.999 | 14.686 |
| 9/23/2018 6:45 | 1500300 | 56.91 | 16.91 | 131.404 | 1158.627 | 1370.391 | 0.692 | 0.932 | 863.09 | 0.999 | 14.685 |
| 9/23/2018 7:00 | 1501200 | 56.913 | 16.911 | 131.411 | 1158.656 | 1370.48 | 0.692 | 0.932 | 862.92 | 0.999 | 14.686 |
| 9/23/2018 7:15 | 1502100 | 56.924 | 16.91 | 131.437 | 1158.726 | 1370.481 | 0.692 | 0.932 | 863.017 | 0.999 | 14.681 |
| 9/23/2018 7:30 | 1503000 | 56.928 | 16.91 | 131.445 | 1158.914 | 1370.703 | 0.692 | 0.932 | 862.877 | 0.999 | 14.686 |
| 9/23/2018 7:45 | 1503900 | 56.925 | 16.91 | 131.438 | 1158.738 | 1370.502 | 0.692 | 0.932 | 863.008 | 0.999 | 14.688 |
| 9/23/2018 8:00 | 1504800 | 56.924 | 16.911 | 131.437 | 1158.449 | 1370.136 | 0.692 | 0.932 | 863.223 | 0.999 | 14.695 |
| 9/23/2018 8:15 | 1505700 | 56.924 | 16.91 | 131.435 | 1158.663 | 1370.412 | 0.692 | 0.932 | 863.063 | 0.999 | 14.7 |
| 9/23/2018 8:30 | 1506600 | 56.928 | 16.91 | 131.446 | 1158.525 | 1370.258 | 0.692 | 0.932 | 863.167 | 0.999 | 14.692 |
| 9/23/2018 8:45 | 1507500 | 56.932 | 16.912 | 131.453 | 1158.05 | 1369.645 | 0.692 | 0.931 | 863.521 | 0.999 | 14.701 |
| 9/23/2018 9:00 | 1508400 | 56.934 | 16.911 | 131.458 | 1158.616 | 1370.32 | 0.692 | 0.932 | 863.099 | 0.999 | 14.703 |
| 9/23/2018 9:15 | 1509300 | 56.93 | 16.912 | 131.45 | 1158.592 | 1370.273 | 0.692 | 0.932 | 863.117 | 0.999 | 14.708 |
| 9/23/2018 | | | | | | | | | | | |

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|-----------------|---------|--------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/24/2018 17:30 | 1625400 | 57.164 | 16.913 | 131.989 | 1157.013 | 1368.378 | 0.691 | 0.93 | 864.295 | 0.999 | 14.668 |
| 9/24/2018 17:45 | 1626300 | 57.177 | 16.912 | 132.019 | 1156.704 | 1368.03 | 0.691 | 0.93 | 864.525 | 0.999 | 14.667 |
| 9/24/2018 18:00 | 1627200 | 57.177 | 16.913 | 132.02 | 1156.445 | 1367.698 | 0.691 | 0.93 | 864.719 | 0.999 | 14.666 |
| 9/24/2018 18:15 | 1628100 | 57.171 | 16.913 | 132.007 | 1156.416 | 1367.672 | 0.691 | 0.93 | 864.741 | 0.999 | 14.667 |
| 9/24/2018 18:30 | 1629000 | 57.154 | 16.914 | 131.966 | 1156.588 | 1367.832 | 0.691 | 0.93 | 864.612 | 0.999 | 14.665 |
| 9/24/2018 18:45 | 1629900 | 57.167 | 16.913 | 131.997 | 1156.163 | 1367.36 | 0.69 | 0.93 | 864.93 | 0.999 | 14.665 |
| 9/24/2018 19:00 | 1630800 | 57.166 | 16.914 | 131.98 | 1156.011 | 1367.161 | 0.69 | 0.93 | 865.043 | 0.999 | 14.668 |
| 9/24/2018 19:15 | 1631700 | 57.162 | 16.914 | 131.986 | 1156.328 | 1367.522 | 0.691 | 0.93 | 864.807 | 0.999 | 14.663 |
| 9/24/2018 19:30 | 1632600 | 57.162 | 16.914 | 131.986 | 1156.388 | 1367.614 | 0.691 | 0.93 | 864.762 | 0.999 | 14.666 |
| 9/24/2018 19:45 | 1633500 | 57.158 | 16.914 | 131.976 | 1155.958 | 1367.099 | 0.69 | 0.93 | 865.083 | 0.999 | 14.668 |
| 9/24/2018 20:00 | 1634400 | 57.161 | 16.915 | 131.983 | 1155.828 | 1366.902 | 0.69 | 0.929 | 865.18 | 0.999 | 14.67 |
| 9/24/2018 20:15 | 1635300 | 57.145 | 16.915 | 131.946 | 1155.973 | 1367.07 | 0.69 | 0.93 | 865.072 | 0.999 | 14.671 |
| 9/24/2018 20:30 | 1636200 | 57.145 | 16.915 | 131.985 | 1156.059 | 1367.195 | 0.69 | 0.93 | 865.008 | 0.999 | 14.67 |
| 9/24/2018 20:45 | 1637100 | 57.153 | 16.915 | 131.964 | 1155.742 | 1366.819 | 0.69 | 0.929 | 865.245 | 0.999 | 14.681 |
| 9/24/2018 21:00 | 1638000 | 57.157 | 16.917 | 131.975 | 1155.593 | 1366.574 | 0.69 | 0.929 | 865.357 | 0.999 | 14.675 |
| 9/24/2018 21:15 | 1638900 | 57.154 | 16.916 | 131.966 | 1156.01 | 1367.087 | 0.69 | 0.93 | 865.044 | 0.999 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 57.157 | 16.917 | 131.973 | 1155.734 | 1366.744 | 0.69 | 0.929 | 865.251 | 0.999 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 57.155 | 16.916 | 131.97 | 1155.597 | 1366.596 | 0.69 | 0.929 | 865.353 | 0.999 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 57.159 | 16.915 | 131.976 | 1155.57 | 1367.067 | 0.69 | 0.93 | 865.085 | 0.999 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 57.157 | 16.915 | 131.974 | 1155.693 | 1366.755 | 0.69 | 0.929 | 865.282 | 0.999 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 57.154 | 16.916 | 131.967 | 1155.653 | 1366.661 | 0.69 | 0.929 | 865.312 | 0.999 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 57.153 | 16.916 | 131.965 | 1155.744 | 1366.775 | 0.69 | 0.929 | 865.243 | 0.999 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 57.156 | 16.915 | 131.971 | 1156.156 | 1367.297 | 0.69 | 0.93 | 864.935 | 0.999 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 57.149 | 16.917 | 131.966 | 1155.738 | 1366.744 | 0.69 | 0.929 | 865.248 | 0.999 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 57.154 | 16.917 | 131.969 | 1155.731 | 1366.778 | 0.69 | 0.929 | 865.252 | 0.999 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 57.162 | 16.915 | 131.986 | 1155.829 | 1366.903 | 0.69 | 0.929 | 865.18 | 0.999 | 14.691 |
| 9/25/2018 0:00 | 1648800 | 57.156 | 16.915 | 131.97 | 1156.248 | 1367.411 | 0.691 | 0.93 | 864.867 | 0.999 | 14.688 |
| 9/25/2018 0:15 | 1649700 | 57.154 | 16.915 | 131.966 | 1156.115 | 1367.26 | 0.69 | 0.93 | 864.966 | 0.999 | 14.689 |
| 9/25/2018 0:30 | 1650600 | 57.145 | 16.915 | 131.945 | 1156.122 | 1367.248 | 0.69 | 0.93 | 864.961 | 0.999 | 14.686 |
| 9/25/2018 0:45 | 1651500 | 57.161 | 16.916 | 131.982 | 1156.117 | 1367.227 | 0.69 | 0.93 | 864.964 | 0.999 | 14.686 |
| 9/25/2018 1:00 | 1652400 | 57.155 | 16.914 | 131.969 | 1156.171 | 1367.299 | 0.69 | 0.93 | 864.924 | 0.999 | 14.691 |
| 9/25/2018 1:15 | 1653300 | 57.159 | 16.915 | 131.978 | 1155.822 | 1366.908 | 0.69 | 0.929 | 865.185 | 0.999 | 14.688 |
| 9/25/2018 1:30 | 1654200 | 57.159 | 16.915 | 131.979 | 1156.085 | 1367.216 | 0.69 | 0.93 | 864.988 | 0.999 | 14.688 |
| 9/25/2018 1:45 | 1655100 | 57.157 | 16.915 | 131.974 | 1156.02 | 1367.15 | 0.69 | 0.93 | 865.037 | 0.999 | 14.69 |
| 9/25/2018 2:00 | 1656000 | 57.161 | 16.915 | 131.983 | 1156.153 | 1367.296 | 0.69 | 0.93 | 864.938 | 0.999 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 57.162 | 16.916 | 131.985 | 1156.117 | 1367.224 | 0.69 | 0.93 | 864.964 | 0.999 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 57.165 | 16.916 | 131.985 | 1155.778 | 1366.842 | 0.69 | 0.929 | 865.218 | 0.999 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 57.162 | 16.914 | 131.985 | 1156.915 | 1366.915 | 0.69 | 0.93 | 865.203 | 0.999 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 57.164 | 16.916 | 131.99 | 1156.33 | 1367.47 | 0.691 | 0.93 | 864.805 | 0.999 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 57.166 | 16.915 | 131.993 | 1155.972 | 1367.072 | 0.69 | 0.93 | 865.073 | 0.999 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 57.154 | 16.915 | 131.968 | 1156.637 | 1367.871 | 0.691 | 0.93 | 864.576 | 0.999 | 14.686 |
| 9/25/2018 3:45 | 1662300 | 57.171 | 16.915 | 132.006 | 1156.031 | 1367.166 | 0.69 | 0.93 | 865.029 | 0.999 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 57.167 | 16.916 | 131.996 | 1156.131 | 1367.24 | 0.69 | 0.93 | 864.954 | 0.999 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 57.178 | 16.916 | 132.022 | 1155.931 | 1367.004 | 0.69 | 0.93 | 865.104 | 0.999 | 14.688 |
| 9/25/2018 4:30 | 1665000 | 57.173 | 16.914 | 132.011 | 1155.991 | 1367.123 | 0.69 | 0.93 | 865.059 | 0.999 | 14.687 |
| 9/25/2018 4:45 | 1665900 | 57.173 | 16.915 | 132.011 | 1155.796 | 1366.872 | 0.69 | 0.929 | 865.204 | 0.999 | 14.685 |
| 9/25/2018 5:00 | 1666800 | 57.184 | 16.915 | 132.036 | 1155.937 | 1367.044 | 0.69 | 0.93 | 865.099 | 0.999 | 14.678 |
| 9/25/2018 5:15 | 1667700 | 57.18 | 16.916 | 132.027 | 1155.992 | 1367.078 | 0.69 | 0.93 | 865.058 | 0.999 | 14.682 |
| 9/25/2018 5:30 | 1668600 | 57.178 | 16.916 | 132.022 | 1155.807 | 1366.841 | 0.69 | 0.929 | 865.196 | 0.999 | 14.685 |
| 9/25/2018 5:45 | 1669500 | 57.17 | 16.917 | 132.003 | 1155.802 | 1366.83 | 0.69 | 0.93 | 865.2 | 0.999 | 14.69 |
| 9/25/2018 6:00 | 1670400 | 57.164 | 16.917 | 131.99 | 1155.759 | 1366.777 | 0.69 | 0.929 | 865.232 | 0.999 | 14.692 |
| 9/25/2018 6:15 | 1671300 | 57.159 | 16.915 | 131.979 | 1155.652 | 1366.701 | 0.69 | 0.929 | 865.312 | 0.999 | 14.691 |
| 9/25/2018 6:30 | 1672200 | 57.16 | 16.917 | 131.98 | 1155.73 | 1366.743 | 0.69 | 0.929 | 865.254 | 0.999 | 14.686 |
| 9/25/2018 6:45 | 1673100 | 57.145 | 16.916 | 131.947 | 1155.777 | 1366.83 | 0.69 | 0.929 | 865.219 | 0.999 | 14.696 |
| 9/25/2018 7:00 | 1674000 | 57.145 | 16.915 | 131.947 | 1155.933 | 1367.023 | 0.69 | 0.93 | 865.102 | 0.999 | 14.69 |
| 9/25/2018 7:15 | 1674900 | 57.144 | 16.915 | 131.944 | 1155.623 | 1366.667 | 0.69 | 0.929 | 865.334 | 0.999 | 14.69 |
| 9/25/2018 7:30 | 1675800 | 57.134 | 16.918 | 131.921 | 1155.853 | 1366.86 | 0.69 | 0.929 | 865.162 | 0.999 | 14.692 |
| 9/25/2018 7:45 | 1676700 | 57.137 | 16.915 | 131.928 | 1155.783 | 1366.872 | 0.69 | 0.929 | 865.215 | 0.999 | 14.692 |
| 9/25/2018 8:00 | 1677600 | 57.135 | 16.916 | 131.924 | 1155.905 | 1366.976 | 0.69 | 0.93 | 865.123 | 0.999 | 14.698 |
| 9/25/2018 8:15 | 1678500 | 57.139 | 16.916 | 131.931 | 1155.649 | 1366.657 | 0.69 | 0.929 | 865.315 | 0.999 | 14.698 |
| 9/25/2018 8:30 | 1679400 | 57.145 | 16.914 | 131.946 | 1155.852 | 1366.972 | 0.69 | 0.93 | 865.163 | 0.999 | 14.7 |
| 9/25/2018 8:45 | 1680300 | 57.137 | 16.915 | 131.929 | 1155.945 | 1366.996 | 0.69 | 0.93 | 865.093 | 0.999 | 14.7 |
| 9/25/2018 9:00 | 1681200 | 57.148 | 16.914 | 131.954 | 1155.767 | 1366.866 | 0.69 | 0.929 | 865.227 | 0.999 | 14.705 |
| 9/25/2018 9:15 | 1682100 | 57.151 | 16.915 | 131.96 | 1155.419 | 1366.424 | 0.69 | 0.929 | 865.487 | 0.999 | 14.701 |
| 9/25/2018 9:30 | 1683000 | 57.151 | 16.914 | 131.961 | 1155.786 | 1366.886 | 0.69 | 0.929 | 865.212 | 0.999 | 14.707 |
| 9/25/2018 9:45 | 1683900 | 57.145 | 16.914 | 131.945 | 1156.197 | 1367.373 | 0.69 | 0.93 | 864.904 | 0.999 | 14.709 |
| 9/25/2018 10:00 | 1684800 | 57.14 | 16.914 | 131.933 | 1156.313 | 1367.504 | 0.691 | 0.93 | 864.818 | 0.999 | 14.711 |
| 9/25/2018 10:15 | 1685700 | 57.126 | 16.915 | 131.899 | 1156.096 | 1367.09 | 0.69 | 0.93 | 864.532 | 0.999 | 14.718 |
| 9/25/2018 10:30 | 1686600 | 57.128 | 16.913 | 131.907 | 1156.644 | 1367.923 | 0.691 | 0.93 | 864.57 | 0.999 | 14.712 |
| 9/25/2018 10:45 | 1687500 | 57.119 | 16.911 | 131.885 | 1157.01 | 1368.443 | 0.691 | 0.931 | 864.297 | 0.999 | 14.71 |
| 9/25/2018 11:00 | 1688400 | 57.109 | 16.912 | 131.863 | 1156.618 | 1367.936 | 0.691 | 0.93 | 864.589 | 0.999 | 14.72 |
| 9/25/2018 11:15 | 1689300 | 57.093 | 16.914 | 131.827 | 1156.157 | 1367.326 | 0.69 | 0.93 | 864.934 | 0.999 | 14.715 |
| 9/25/2018 11:30 | 1690200 | 57.103 | 16.913 | 131.849 | 1156.639 | 1367.931 | 0.691 | 0.93 | 864.574 | 0.999 | 14.719 |
| 9/25/2018 11:45 | 1691100 | 57.098 | 16.914 | 131.837 | 1156.907 | 1367.992 | 0.691 | 0.93 | 864.523 | 0.999 | 14.715 |
| 9/25/2018 12:00 | 1692000 | 57.09 | 16.912 | 131.82 | 1157.046 | 1368.449 | 0.691 | 0.931 | 864.27 | 0.999 | 14.72 |
| 9/25/2018 12:15 | 1692900 | 57.089 | 16.912 | 131.817 | 1156.833 | 1368.179 | 0.691 | 0.93 | 864.429 | 0.999 | 14.719 |
| 9/25/2018 12:30 | 1693800 | 57.088 | 16.911 | 131.814 | 1156.612 | 1368.007 | 0.691 | 0.93 | 864.594 | 0.999 | 14.718 |
| 9/25/2018 12:45 | 1694700 | 57.06 | 16.911 | 131.749 | 1156.969 | 1368.373 | 0.691 | 0.93 | 864.327 | 0.999 | 14.724 |
| 9/25/2018 13:00 | 1695600 | 57.075 | 16.911 | 131.784 | 1157.533 | 1369.091 | 0.691 | 0.931 | 863.906 | 0.999 | 14.718 |
| 9/25/2018 13:15 | 1696500 | 57.079 | 16.912 | 131.793 | 1156.77 | 1368.12 | 0.691 | 0.93 | 864.476 | 0.999 | 14.713 |
| 9/25/2018 13:30 | 1697400 | 57.065 | 16.912 | 131.762 | 1156.28 | 1367.818 | 0.691 | 0.93 | 864.657 | 0.999 | 14.721 |
| 9/25/2018 13:45 | 1698300 | 57.071 | 16.912 | 131.774 | 1157.583 | 1369.074 | 0.691 | 0.931 | 863.869 | 0.999 | 14.72 |
| 9/25/2018 14:00 | 1699200 | 57.07 | 16.912 | 131.773 | 1157.106 | 1368.51 | 0.691 | 0.931 | 864.225 | 0.999 | 14.716 |
| 9/25/2018 14:15 | 1700100 | 57.079 | 16.912 | 131.794 | 1156.752 | 1368.094 | 0.691 | 0. | | | |

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|-----------------|---------|--------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/26/2018 22:15 | 1815300 | 56.88 | 16.915 | 131.334 | 1155.076 | 1366.018 | 0.69 | 0.929 | 865.744 | 0.999 | 14.714 |
| 9/26/2018 22:30 | 1816200 | 56.874 | 16.916 | 131.319 | 1155.43 | 1366.42 | 0.69 | 0.929 | 865.479 | 0.999 | 14.725 |
| 9/26/2018 22:45 | 1817100 | 56.876 | 16.913 | 131.325 | 1155.235 | 1366.278 | 0.69 | 0.929 | 865.625 | 0.999 | 14.721 |
| 9/26/2018 23:00 | 1818000 | 56.868 | 16.913 | 131.306 | 1155.151 | 1366.165 | 0.69 | 0.929 | 865.688 | 0.999 | 14.724 |
| 9/26/2018 23:15 | 1818900 | 56.871 | 16.914 | 131.314 | 1155.056 | 1366.031 | 0.69 | 0.929 | 865.759 | 0.999 | 14.724 |
| 9/26/2018 23:30 | 1819800 | 56.879 | 16.915 | 131.331 | 1154.978 | 1365.911 | 0.69 | 0.929 | 865.818 | 0.999 | 14.719 |
| 9/26/2018 23:45 | 1820700 | 56.877 | 16.914 | 131.326 | 1155.045 | 1366.01 | 0.69 | 0.929 | 865.877 | 0.999 | 14.719 |
| 9/27/2018 0:00 | 1821600 | 56.864 | 16.913 | 131.297 | 1155.495 | 1366.567 | 0.69 | 0.929 | 865.43 | 0.999 | 14.724 |
| 9/27/2018 0:15 | 1822500 | 56.873 | 16.914 | 131.318 | 1154.965 | 1365.935 | 0.69 | 0.929 | 865.827 | 0.999 | 14.714 |
| 9/27/2018 0:30 | 1823400 | 56.871 | 16.914 | 131.313 | 1155.053 | 1366.017 | 0.69 | 0.929 | 865.761 | 0.999 | 14.715 |
| 9/27/2018 0:45 | 1824300 | 56.872 | 16.914 | 131.316 | 1155.018 | 1365.989 | 0.69 | 0.929 | 865.787 | 0.999 | 14.715 |
| 9/27/2018 1:00 | 1825200 | 56.874 | 16.915 | 131.32 | 1155.173 | 1366.138 | 0.69 | 0.929 | 865.671 | 0.999 | 14.715 |
| 9/27/2018 1:15 | 1826100 | 56.867 | 16.916 | 131.303 | 1154.665 | 1365.517 | 0.69 | 0.929 | 865.62 | 0.999 | 14.715 |
| 9/27/2018 1:30 | 1827000 | 56.868 | 16.912 | 131.307 | 1155.023 | 1366.043 | 0.69 | 0.929 | 865.784 | 0.999 | 14.714 |
| 9/27/2018 1:45 | 1827900 | 56.858 | 16.915 | 131.284 | 1155.401 | 1366.415 | 0.69 | 0.929 | 865.501 | 0.999 | 14.707 |
| 9/27/2018 2:00 | 1828800 | 56.873 | 16.915 | 131.318 | 1154.773 | 1365.66 | 0.69 | 0.929 | 865.971 | 0.999 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 56.875 | 16.914 | 131.321 | 1154.839 | 1365.763 | 0.69 | 0.929 | 865.922 | 0.999 | 14.705 |
| 9/27/2018 2:30 | 1830600 | 56.88 | 16.916 | 131.334 | 1154.632 | 1365.457 | 0.689 | 0.929 | 866.077 | 0.999 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 56.88 | 16.913 | 131.325 | 1154.716 | 1365.569 | 0.69 | 0.929 | 866.014 | 0.999 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 56.879 | 16.913 | 131.333 | 1154.73 | 1365.671 | 0.69 | 0.929 | 866.003 | 0.999 | 14.706 |
| 9/27/2018 3:15 | 1833300 | 56.879 | 16.915 | 131.332 | 1155.115 | 1366.066 | 0.69 | 0.929 | 865.715 | 0.999 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 56.876 | 16.916 | 131.324 | 1154.837 | 1365.7 | 0.69 | 0.929 | 865.923 | 0.999 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 56.885 | 16.914 | 131.345 | 1154.732 | 1365.649 | 0.69 | 0.929 | 866.002 | 0.999 | 14.705 |
| 9/27/2018 4:00 | 1836000 | 56.885 | 16.916 | 131.346 | 1154.794 | 1365.646 | 0.69 | 0.929 | 865.955 | 0.999 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 56.893 | 16.913 | 131.364 | 1154.849 | 1365.719 | 0.69 | 0.929 | 865.914 | 0.999 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 56.889 | 16.915 | 131.355 | 1154.837 | 1365.749 | 0.69 | 0.929 | 865.923 | 0.999 | 14.706 |
| 9/27/2018 4:45 | 1838700 | 56.899 | 16.918 | 131.377 | 1154.824 | 1365.64 | 0.69 | 0.929 | 865.933 | 0.999 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 56.906 | 16.915 | 131.393 | 1154.948 | 1365.882 | 0.69 | 0.929 | 865.84 | 0.999 | 14.702 |
| 9/27/2018 5:15 | 1840500 | 56.908 | 16.914 | 131.399 | 1154.916 | 1365.871 | 0.69 | 0.929 | 865.864 | 0.999 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 56.921 | 16.918 | 131.429 | 1154.758 | 1365.568 | 0.69 | 0.929 | 865.983 | 0.999 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 56.918 | 16.914 | 131.422 | 1154.845 | 1365.73 | 0.69 | 0.929 | 865.917 | 0.999 | 14.706 |
| 9/27/2018 6:00 | 1843200 | 56.932 | 16.916 | 131.455 | 1154.722 | 1365.559 | 0.69 | 0.929 | 866.009 | 0.999 | 14.699 |
| 9/27/2018 6:15 | 1844100 | 56.937 | 16.915 | 131.466 | 1154.893 | 1365.798 | 0.69 | 0.929 | 865.881 | 0.999 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 56.932 | 16.914 | 131.454 | 1154.786 | 1365.706 | 0.69 | 0.929 | 865.961 | 0.999 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 56.949 | 16.915 | 131.492 | 1155.048 | 1366.003 | 0.69 | 0.929 | 865.765 | 0.999 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 56.943 | 16.914 | 131.48 | 1154.854 | 1365.784 | 0.69 | 0.929 | 865.911 | 0.999 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 56.958 | 16.913 | 131.543 | 1155.122 | 1366.044 | 0.69 | 0.929 | 865.71 | 0.999 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 56.97 | 16.913 | 131.543 | 1155.056 | 1366.05 | 0.69 | 0.929 | 865.759 | 0.999 | 14.711 |
| 9/27/2018 7:45 | 1849500 | 56.972 | 16.917 | 131.546 | 1155.323 | 1366.263 | 0.69 | 0.929 | 865.559 | 0.999 | 14.714 |
| 9/27/2018 8:00 | 1850400 | 56.988 | 16.914 | 131.583 | 1154.893 | 1365.833 | 0.69 | 0.929 | 865.881 | 0.999 | 14.711 |
| 9/27/2018 8:15 | 1851300 | 56.986 | 16.916 | 131.579 | 1155.133 | 1366.05 | 0.69 | 0.929 | 865.701 | 0.999 | 14.718 |
| 9/27/2018 8:30 | 1852200 | 57.002 | 16.915 | 131.616 | 1154.963 | 1365.902 | 0.69 | 0.929 | 865.829 | 0.999 | 14.711 |
| 9/27/2018 8:45 | 1853100 | 57.001 | 16.915 | 131.614 | 1155.075 | 1366.035 | 0.69 | 0.929 | 865.745 | 0.999 | 14.715 |
| 9/27/2018 9:00 | 1854000 | 57.006 | 16.913 | 131.596 | 1155.413 | 1366.599 | 0.69 | 0.929 | 865.413 | 0.999 | 14.716 |
| 9/27/2018 9:15 | 1854900 | 57.009 | 16.914 | 131.632 | 1154.888 | 1365.83 | 0.69 | 0.929 | 865.885 | 0.999 | 14.72 |
| 9/27/2018 9:30 | 1855800 | 57.009 | 16.915 | 131.633 | 1155.257 | 1366.25 | 0.69 | 0.929 | 865.608 | 0.999 | 14.722 |
| 9/27/2018 9:45 | 1856700 | 57.01 | 16.916 | 131.633 | 1155.084 | 1366.008 | 0.69 | 0.929 | 865.738 | 0.999 | 14.724 |
| 9/27/2018 10:00 | 1857600 | 57.015 | 16.914 | 131.645 | 1155.179 | 1366.166 | 0.69 | 0.929 | 865.667 | 0.999 | 14.719 |
| 9/27/2018 10:15 | 1858500 | 57.009 | 16.915 | 131.621 | 1155.105 | 1366.047 | 0.69 | 0.929 | 865.722 | 0.999 | 14.725 |
| 9/27/2018 10:30 | 1859400 | 57.01 | 16.913 | 131.624 | 1155.322 | 1366.365 | 0.69 | 0.929 | 865.56 | 0.999 | 14.723 |
| 9/27/2018 10:45 | 1860300 | 57.015 | 16.913 | 131.646 | 1155.535 | 1366.641 | 0.69 | 0.929 | 865.4 | 0.999 | 14.718 |
| 9/27/2018 11:00 | 1861200 | 57.011 | 16.911 | 131.637 | 1154.917 | 1365.945 | 0.69 | 0.929 | 865.863 | 0.999 | 14.716 |
| 9/27/2018 11:15 | 1862100 | 57.008 | 16.913 | 131.631 | 1155.351 | 1366.402 | 0.69 | 0.929 | 865.537 | 0.999 | 14.721 |
| 9/27/2018 11:30 | 1863000 | 57.012 | 16.913 | 131.638 | 1155.364 | 1366.437 | 0.69 | 0.929 | 865.528 | 0.999 | 14.72 |
| 9/27/2018 11:45 | 1863900 | 57.008 | 16.912 | 131.631 | 1155.333 | 1366.408 | 0.69 | 0.929 | 865.551 | 0.999 | 14.719 |
| 9/27/2018 12:00 | 1864800 | 57.004 | 16.911 | 131.619 | 1155.85 | 1367.046 | 0.69 | 0.93 | 865.164 | 0.999 | 14.719 |
| 9/27/2018 12:15 | 1865700 | 57.004 | 16.91 | 131.62 | 1155.217 | 1366.33 | 0.69 | 0.929 | 865.638 | 0.999 | 14.716 |
| 9/27/2018 12:30 | 1866600 | 57.008 | 16.913 | 131.629 | 1155.542 | 1366.636 | 0.69 | 0.929 | 865.394 | 0.999 | 14.708 |
| 9/27/2018 12:45 | 1867500 | 56.992 | 16.912 | 131.593 | 1155.406 | 1366.505 | 0.69 | 0.929 | 865.497 | 0.999 | 14.721 |
| 9/27/2018 13:00 | 1868400 | 57.004 | 16.913 | 131.62 | 1154.582 | 1365.509 | 0.69 | 0.929 | 866.114 | 0.999 | 14.706 |
| 9/27/2018 13:15 | 1869300 | 56.996 | 16.912 | 131.603 | 1155.126 | 1366.187 | 0.69 | 0.929 | 865.707 | 0.999 | 14.711 |
| 9/27/2018 13:30 | 1870200 | 56.994 | 16.911 | 131.586 | 1155.227 | 1366.21 | 0.69 | 0.929 | 865.529 | 0.999 | 14.708 |
| 9/27/2018 13:45 | 1871100 | 56.995 | 16.911 | 131.601 | 1155.627 | 1366.788 | 0.69 | 0.929 | 865.331 | 0.999 | 14.702 |
| 9/27/2018 14:00 | 1872000 | 56.993 | 16.912 | 131.595 | 1155.314 | 1366.391 | 0.69 | 0.929 | 865.566 | 0.999 | 14.7 |
| 9/27/2018 14:15 | 1872900 | 56.989 | 16.913 | 131.587 | 1155.273 | 1366.328 | 0.69 | 0.929 | 865.597 | 0.999 | 14.701 |
| 9/27/2018 14:30 | 1873800 | 56.994 | 16.911 | 131.596 | 1155.546 | 1366.689 | 0.69 | 0.929 | 865.392 | 0.999 | 14.692 |
| 9/27/2018 14:45 | 1874700 | 56.998 | 16.911 | 131.606 | 1155.386 | 1366.525 | 0.69 | 0.929 | 865.512 | 0.999 | 14.694 |
| 9/27/2018 15:00 | 1875600 | 56.993 | 16.911 | 131.595 | 1155.25 | 1366.45 | 0.69 | 0.929 | 865.57 | 0.999 | 14.696 |
| 9/27/2018 15:15 | 1876500 | 57.001 | 16.911 | 131.614 | 1155.383 | 1366.509 | 0.69 | 0.929 | 865.514 | 0.999 | 14.689 |
| 9/27/2018 15:30 | 1877400 | 57.001 | 16.912 | 131.613 | 1154.858 | 1365.844 | 0.69 | 0.929 | 865.907 | 0.999 | 14.689 |
| 9/27/2018 15:45 | 1878300 | 57 | 16.913 | 131.611 | 1155.014 | 1366.025 | 0.69 | 0.929 | 865.79 | 0.999 | 14.688 |
| 9/27/2018 16:00 | 1879200 | 56.996 | 16.913 | 131.603 | 1155.201 | 1366.236 | 0.69 | 0.929 | 865.65 | 0.999 | 14.687 |
| 9/27/2018 16:15 | 1880100 | 57 | 16.912 | 131.611 | 1155.012 | 1366.028 | 0.69 | 0.929 | 865.792 | 0.999 | 14.687 |
| 9/27/2018 16:30 | 1881000 | 56.996 | 16.913 | 131.601 | 1155.031 | 1366.051 | 0.69 | 0.929 | 865.771 | 0.999 | 14.69 |
| 9/27/2018 16:45 | 1881900 | 57.008 | 16.912 | 131.629 | 1155.195 | 1366.249 | 0.69 | 0.929 | 865.655 | 0.999 | 14.683 |
| 9/27/2018 17:00 | 1882800 | 57.006 | 16.913 | 131.625 | 1154.825 | 1365.778 | 0.69 | 0.929 | 865.932 | 0.999 | 14.684 |
| 9/27/2018 17:15 | 1883700 | 56.996 | 16.912 | 131.603 | 1155.297 | 1366.365 | 0.69 | 0.929 | 865.578 | 0.999 | 14.695 |
| 9/27/2018 17:30 | 1884600 | 57.008 | 16.913 | 131.63 | 1155.198 | 1366.223 | 0.69 | 0.929 | 865.653 | 0.999 | 14.689 |
| 9/27/2018 17:45 | 1885500 | 57.008 | 16.914 | 131.629 | 1154.765 | 1365.674 | 0.69 | 0.929 | 865.977 | 0.999 | 14.687 |
| 9/27/2018 18:00 | 1886400 | 57.006 | 16.913 | 131.625 | 1154.988 | 1365.992 | 0.69 | 0.929 | 865.91 | 0.999 | 14.686 |
| 9/27/2018 18:15 | 1887300 | 57 | 16.912 | 131.611 | 1155.434 | 1366.543 | 0.69 | 0.929 | 865.476 | 0.999 | 14.688 |
| 9/27/2018 18:30 | 1888200 | 57 | 16.913 | 131.611 | 1155.099 | 1366.112 | 0.69 | 0.929 | 865.727 | 0.999 | 14.686 |
| 9/27/2018 18:45 | 1889100 | 57.006 | 16.912 | 131.624 | 1155.531 | 1366.658 | 0.69 | 0.929 | 865.403 | 0.999 | 14.679 |
| 9/27/2018 19:00 | 1890000 | 57.007 | 16.911 | 131.626 | 1155.063 | 1366.118 | 0.69 | 0.929 | 865.754 | 0.999 | 14.675 |
| 9/27/2018 19:15 | 1890 | | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|--------|--------|---------|------------|----------|-------|-------|---------|-------|--------|
| 9/29/2018 3:00 | 2005200 | 57.014 | 16.913 | 131.644 | 1153.909 | 1364.691 | 0.689 | 0.928 | 866.62 | 0.999 | 14.675 |
| 9/29/2018 3:15 | 2006100 | 57.026 | 16.913 | 131.671 | 1154.245 | 1365.088 | 0.689 | 0.928 | 866.367 | 0.999 | 14.672 |
| 9/29/2018 3:30 | 2007000 | 57.037 | 16.914 | 131.697 | 1154.033 | 1364.808 | 0.689 | 0.928 | 866.526 | 0.999 | 14.665 |
| 9/29/2018 3:45 | 2007900 | 57.027 | 16.914 | 131.673 | 1153.879 | 1364.642 | 0.689 | 0.928 | 866.642 | 0.999 | 14.678 |
| 9/29/2018 4:00 | 2008800 | 57.035 | 16.913 | 131.693 | 1153.909 | 1364.689 | 0.689 | 0.928 | 866.619 | 0.999 | 14.671 |
| 9/29/2018 4:15 | 2009700 | 57.049 | 16.913 | 131.724 | 1154.083 | 1364.91 | 0.689 | 0.928 | 866.489 | 0.999 | 14.678 |
| 9/29/2018 4:30 | 2010600 | 57.059 | 16.915 | 131.745 | 1153.852 | 1364.567 | 0.689 | 0.928 | 866.663 | 0.999 | 14.666 |
| 9/29/2018 4:45 | 2011500 | 57.058 | 16.912 | 131.746 | 1153.687 | 1364.461 | 0.689 | 0.928 | 866.786 | 0.999 | 14.676 |
| 9/29/2018 5:00 | 2012400 | 57.07 | 16.915 | 131.772 | 1153.754 | 1364.459 | 0.689 | 0.928 | 866.736 | 0.999 | 14.67 |
| 9/29/2018 5:15 | 2013300 | 57.079 | 16.916 | 131.793 | 1153.611 | 1364.255 | 0.689 | 0.928 | 866.843 | 0.999 | 14.671 |
| 9/29/2018 5:30 | 2014200 | 57.081 | 16.913 | 131.798 | 1153.569 | 1364.3 | 0.689 | 0.928 | 866.875 | 0.999 | 14.674 |
| 9/29/2018 5:45 | 2015100 | 57.087 | 16.913 | 131.812 | 1153.924 | 1364.714 | 0.689 | 0.928 | 866.609 | 0.999 | 14.676 |
| 9/29/2018 6:00 | 2016000 | 57.107 | 16.913 | 131.817 | 1153.612 | 1364.286 | 0.689 | 0.928 | 866.843 | 0.999 | 14.68 |
| 9/29/2018 6:15 | 2016900 | 57.105 | 16.914 | 131.853 | 1154.201 | 1365.01 | 0.689 | 0.928 | 866.4 | 0.999 | 14.676 |
| 9/29/2018 6:30 | 2017800 | 57.103 | 16.914 | 131.85 | 1153.905 | 1364.664 | 0.689 | 0.928 | 866.623 | 0.999 | 14.684 |
| 9/29/2018 6:45 | 2018700 | 57.107 | 16.915 | 131.859 | 1154.045 | 1364.8 | 0.689 | 0.928 | 866.518 | 0.999 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 57.109 | 16.913 | 131.862 | 1153.986 | 1364.798 | 0.689 | 0.928 | 866.562 | 0.999 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 57.116 | 16.916 | 131.88 | 1153.759 | 1364.447 | 0.689 | 0.928 | 866.732 | 0.999 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 57.125 | 16.913 | 131.875 | 1154.396 | 1364.787 | 0.689 | 0.928 | 866.559 | 0.999 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 57.113 | 16.914 | 131.871 | 1153.957 | 1364.734 | 0.689 | 0.928 | 866.584 | 0.999 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 57.111 | 16.914 | 131.867 | 1154.411 | 1365.257 | 0.689 | 0.928 | 866.243 | 0.999 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 57.108 | 16.914 | 131.861 | 1154.272 | 1365.106 | 0.689 | 0.928 | 866.347 | 0.999 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 57.105 | 16.914 | 131.853 | 1154.271 | 1365.106 | 0.689 | 0.928 | 866.347 | 0.999 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 57.106 | 16.914 | 131.856 | 1154.035 | 1364.834 | 0.689 | 0.928 | 866.525 | 0.999 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 57.102 | 16.914 | 131.847 | 1154.61 | 1365.49 | 0.69 | 0.929 | 866.093 | 0.999 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 57.104 | 16.912 | 131.851 | 1154.296 | 1365.186 | 0.689 | 0.928 | 866.329 | 0.999 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 57.097 | 16.913 | 131.835 | 1154.097 | 1364.918 | 0.689 | 0.928 | 866.478 | 0.999 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 57.102 | 16.914 | 131.846 | 1154.293 | 1365.113 | 0.689 | 0.928 | 866.331 | 0.999 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 57.111 | 16.912 | 131.868 | 1154.52 | 1365.446 | 0.689 | 0.929 | 866.161 | 0.999 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 57.085 | 16.911 | 131.807 | 1153.795 | 1364.621 | 0.689 | 0.928 | 866.705 | 0.999 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 57.101 | 16.911 | 131.844 | 1154.462 | 1365.237 | 0.689 | 0.928 | 866.249 | 0.999 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 57.098 | 16.916 | 131.837 | 1153.755 | 1364.436 | 0.689 | 0.928 | 866.735 | 0.999 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 57.104 | 16.914 | 131.852 | 1154.255 | 1365.081 | 0.689 | 0.928 | 866.36 | 0.999 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 57.102 | 16.911 | 131.846 | 1154.095 | 1364.971 | 0.689 | 0.928 | 866.48 | 0.999 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 57.086 | 16.912 | 131.811 | 1154.218 | 1365.102 | 0.689 | 0.928 | 866.388 | 0.999 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 57.093 | 16.91 | 131.827 | 1154.261 | 1365.202 | 0.689 | 0.928 | 866.355 | 0.999 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 57.088 | 16.911 | 131.84 | 1154.703 | 1365.709 | 0.69 | 0.929 | 866.023 | 0.999 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 57.087 | 16.912 | 131.811 | 1153.926 | 1364.746 | 0.689 | 0.928 | 866.607 | 0.999 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 57.078 | 16.912 | 131.791 | 1154.485 | 1365.412 | 0.689 | 0.928 | 866.187 | 0.999 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 57.065 | 16.91 | 131.762 | 1154.632 | 1365.649 | 0.69 | 0.929 | 866.077 | 0.999 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 57.072 | 16.91 | 131.778 | 1154.841 | 1365.909 | 0.69 | 0.929 | 865.92 | 0.999 | 14.69 |
| 9/29/2018 13:15 | 2042100 | 57.069 | 16.91 | 131.769 | 1154.57 | 1365.589 | 0.69 | 0.929 | 866.124 | 0.999 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 57.067 | 16.91 | 131.765 | 1154.471 | 1365.459 | 0.689 | 0.929 | 866.137 | 0.999 | 14.686 |
| 9/29/2018 13:45 | 2043900 | 57.059 | 16.91 | 131.748 | 1154.817 | 1365.862 | 0.69 | 0.929 | 865.589 | 0.999 | 14.69 |
| 9/29/2018 14:00 | 2044800 | 57.061 | 16.911 | 131.752 | 1154.534 | 1365.514 | 0.69 | 0.929 | 866.15 | 0.999 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 57.057 | 16.912 | 131.743 | 1154.112 | 1364.974 | 0.689 | 0.928 | 866.467 | 0.999 | 14.686 |
| 9/29/2018 14:30 | 2046600 | 57.058 | 16.912 | 131.745 | 1154.572 | 1365.532 | 0.69 | 0.929 | 866.122 | 0.999 | 14.684 |
| 9/29/2018 14:45 | 2047500 | 57.055 | 16.911 | 131.739 | 1154.215 | 1365.131 | 0.689 | 0.928 | 866.39 | 0.999 | 14.686 |
| 9/29/2018 15:00 | 2048400 | 57.059 | 16.911 | 131.747 | 1154.743 | 1365.737 | 0.69 | 0.929 | 865.994 | 0.999 | 14.681 |
| 9/29/2018 15:15 | 2049300 | 57.059 | 16.912 | 131.748 | 1154.866 | 1365.877 | 0.689 | 0.929 | 865.902 | 0.999 | 14.687 |
| 9/29/2018 15:30 | 2050200 | 57.064 | 16.909 | 131.758 | 1154.589 | 1365.622 | 0.69 | 0.929 | 866.109 | 0.999 | 14.683 |
| 9/29/2018 15:45 | 2051100 | 57.052 | 16.91 | 131.731 | 1154.573 | 1365.582 | 0.69 | 0.929 | 866.121 | 0.999 | 14.68 |
| 9/29/2018 16:00 | 2052000 | 57.064 | 16.91 | 131.758 | 1154.436 | 1365.411 | 0.689 | 0.928 | 866.224 | 0.999 | 14.684 |
| 9/29/2018 16:15 | 2052900 | 57.072 | 16.911 | 131.777 | 1155.057 | 1366.138 | 0.69 | 0.929 | 865.758 | 0.999 | 14.676 |
| 9/29/2018 16:30 | 2053800 | 57.071 | 16.909 | 131.776 | 1154.597 | 1365.637 | 0.69 | 0.929 | 866.103 | 0.999 | 14.679 |
| 9/29/2018 16:45 | 2054700 | 57.072 | 16.91 | 131.754 | 1154.314 | 1365.306 | 0.689 | 0.928 | 866.315 | 0.999 | 14.686 |
| 9/29/2018 17:00 | 2055600 | 57.066 | 16.912 | 131.764 | 1154.415 | 1365.323 | 0.689 | 0.928 | 866.239 | 0.999 | 14.677 |
| 9/29/2018 17:15 | 2056500 | 57.072 | 16.911 | 131.777 | 1154.329 | 1365.25 | 0.689 | 0.928 | 866.304 | 0.999 | 14.678 |
| 9/29/2018 17:30 | 2057400 | 57.071 | 16.911 | 131.775 | 1154.128 | 1365.018 | 0.689 | 0.928 | 866.455 | 0.999 | 14.675 |
| 9/29/2018 17:45 | 2058300 | 57.081 | 16.912 | 131.797 | 1154.507 | 1365.447 | 0.689 | 0.929 | 866.171 | 0.999 | 14.668 |
| 9/29/2018 18:00 | 2059200 | 57.078 | 16.912 | 131.791 | 1154.005 | 1364.851 | 0.689 | 0.928 | 866.547 | 0.999 | 14.677 |
| 9/29/2018 18:15 | 2060100 | 57.084 | 16.913 | 131.805 | 1154.215 | 1364.957 | 0.689 | 0.928 | 866.58 | 0.999 | 14.671 |
| 9/29/2018 18:30 | 2061000 | 57.082 | 16.91 | 131.8 | 1154.109 | 1365.025 | 0.689 | 0.928 | 866.469 | 0.999 | 14.673 |
| 9/29/2018 18:45 | 2061900 | 57.079 | 16.911 | 131.794 | 1153.993 | 1364.861 | 0.689 | 0.928 | 866.556 | 0.999 | 14.675 |
| 9/29/2018 19:00 | 2062800 | 57.071 | 16.914 | 131.776 | 1153.829 | 1364.589 | 0.689 | 0.928 | 866.679 | 0.999 | 14.68 |
| 9/29/2018 19:15 | 2063700 | 57.087 | 16.911 | 131.811 | 1153.977 | 1364.834 | 0.689 | 0.928 | 866.568 | 0.999 | 14.671 |
| 9/29/2018 19:30 | 2064600 | 57.079 | 16.911 | 131.793 | 1154.179 | 1365.089 | 0.689 | 0.928 | 866.417 | 0.999 | 14.677 |
| 9/29/2018 19:45 | 2065500 | 57.086 | 16.912 | 131.801 | 1154.314 | 1364.734 | 0.689 | 0.928 | 866.618 | 0.999 | 14.674 |
| 9/29/2018 20:00 | 2066400 | 57.067 | 16.912 | 131.766 | 1153.852 | 1364.67 | 0.689 | 0.928 | 866.662 | 0.999 | 14.679 |
| 9/29/2018 20:15 | 2067300 | 57.068 | 16.914 | 131.769 | 1153.604 | 1364.311 | 0.689 | 0.928 | 866.849 | 0.999 | 14.681 |
| 9/29/2018 20:30 | 2068200 | 57.086 | 16.911 | 131.81 | 1153.726 | 1364.542 | 0.689 | 0.928 | 866.757 | 0.999 | 14.683 |
| 9/29/2018 20:45 | 2069100 | 57.088 | 16.911 | 131.813 | 1154.172 | 1365.069 | 0.689 | 0.928 | 866.422 | 0.999 | 14.68 |
| 9/29/2018 21:00 | 2070000 | 57.091 | 16.914 | 131.821 | 1154.006 | 1364.79 | 0.689 | 0.928 | 866.546 | 0.999 | 14.684 |
| 9/29/2018 21:15 | 2070900 | 57.09 | 16.912 | 131.818 | 1154.035 | 1364.829 | 0.689 | 0.928 | 866.625 | 0.999 | 14.685 |
| 9/29/2018 21:30 | 2071800 | 57.094 | 16.911 | 131.829 | 1153.828 | 1364.676 | 0.689 | 0.928 | 866.681 | 0.999 | 14.683 |
| 9/29/2018 21:45 | 2072700 | 57.098 | 16.911 | 131.839 | 1153.604 | 1364.398 | 0.689 | 0.928 | 866.849 | 0.999 | 14.685 |
| 9/29/2018 22:00 | 2073600 | 57.084 | 16.912 | 131.806 | 1153.7 | 1364.487 | 0.689 | 0.928 | 866.777 | 0.999 | 14.686 |
| 9/29/2018 22:15 | 2074500 | 57.096 | 16.912 | 131.834 | 1153.553 | 1364.325 | 0.689 | 0.928 | 866.887 | 0.999 | 14.685 |
| 9/29/2018 22:30 | 2075400 | 57.101 | 16.915 | 131.844 | 1153.448 | 1364.095 | 0.689 | 0.928 | 866.966 | 0.999 | 14.685 |
| 9/29/2018 22:45 | 2076300 | 57.102 | 16.913 | 131.846 | 1153.618 | 1364.344 | 0.689 | 0.928 | 866.838 | 0.999 | 14.687 |
| 9/29/2018 23:00 | 2077200 | 57.107 | 16.911 | 131.859 | 1153.63 | 1364.421 | 0.689 | 0.928 | 866.829 | 0.999 | 14.685 |
| 9/29/2018 23:15 | 2078100 | 57.112 | 16.913 | 131.869 | 1153.597 | 1364.338 | 0.689 | 0.928 | 866.854 | 0.999 | 14.684 |
| 9/29/2018 23:30 | 2079000 | 57.106 | 16.913 | 131.856 | 1153.565 | 1364.296 | 0.689 | 0.928 | 866.878 | 0.999 | 14.691 |
| 9/29/2018 23:45 | 2079900 | 57.107 | 16.913 | 131.858 | 1153.418</ | | | | | | |

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|-----------------|---------|--------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 10/1/2018 7:45 | 2195100 | 57.588 | 16.914 | 132.97 | 1152.743 | 1363.298 | 0.688 | 0.927 | 867.496 | 0.999 | 14.689 |
| 10/1/2018 8:00 | 2196000 | 57.575 | 16.913 | 132.938 | 1152.797 | 1363.401 | 0.688 | 0.927 | 867.455 | 0.999 | 14.686 |
| 10/1/2018 8:15 | 2196900 | 57.591 | 16.911 | 132.976 | 1152.784 | 1363.442 | 0.688 | 0.927 | 867.465 | 0.999 | 14.685 |
| 10/1/2018 8:30 | 2197800 | 57.58 | 16.912 | 132.95 | 1152.885 | 1363.52 | 0.688 | 0.927 | 867.389 | 0.999 | 14.689 |
| 10/1/2018 8:45 | 2198700 | 57.582 | 16.911 | 132.955 | 1153.077 | 1363.767 | 0.689 | 0.927 | 867.245 | 0.999 | 14.682 |
| 10/1/2018 9:00 | 2199600 | 57.569 | 16.911 | 132.925 | 1153.657 | 1364.46 | 0.689 | 0.928 | 866.809 | 0.999 | 14.687 |
| 10/1/2018 9:15 | 2200500 | 57.561 | 16.911 | 132.906 | 1153.711 | 1364.537 | 0.689 | 0.928 | 866.703 | 0.999 | 14.688 |
| 10/1/2018 9:30 | 2201400 | 57.553 | 16.91 | 132.888 | 1153.458 | 1364.274 | 0.689 | 0.928 | 866.958 | 0.999 | 14.689 |
| 10/1/2018 9:45 | 2202300 | 57.561 | 16.909 | 132.906 | 1153.073 | 1363.827 | 0.689 | 0.927 | 867.247 | 0.999 | 14.677 |
| 10/1/2018 10:00 | 2203200 | 57.552 | 16.91 | 132.885 | 1153.368 | 1364.171 | 0.689 | 0.928 | 867.026 | 0.999 | 14.677 |
| 10/1/2018 10:15 | 2204100 | 57.542 | 16.912 | 132.863 | 1153.377 | 1364.117 | 0.689 | 0.928 | 867.019 | 0.999 | 14.681 |
| 10/1/2018 10:30 | 2205000 | 57.537 | 16.909 | 132.852 | 1153.268 | 1364.06 | 0.689 | 0.928 | 867.101 | 0.999 | 14.677 |
| 10/1/2018 10:45 | 2205900 | 57.526 | 16.908 | 132.826 | 1153.437 | 1364.255 | 0.689 | 0.927 | 866.974 | 0.999 | 14.679 |
| 10/1/2018 11:00 | 2206800 | 57.528 | 16.91 | 132.784 | 1153.566 | 1364.377 | 0.689 | 0.928 | 866.877 | 0.999 | 14.675 |
| 10/1/2018 11:15 | 2207700 | 57.513 | 16.908 | 132.797 | 1153.208 | 1364.024 | 0.689 | 0.928 | 867.146 | 0.999 | 14.678 |
| 10/1/2018 11:30 | 2208600 | 57.506 | 16.908 | 132.78 | 1153.187 | 1363.996 | 0.689 | 0.928 | 867.162 | 0.999 | 14.671 |
| 10/1/2018 11:45 | 2209500 | 57.495 | 16.909 | 132.755 | 1153.59 | 1364.446 | 0.689 | 0.928 | 866.859 | 0.999 | 14.672 |
| 10/1/2018 12:00 | 2210400 | 57.49 | 16.909 | 132.742 | 1153.462 | 1364.292 | 0.689 | 0.928 | 866.955 | 0.999 | 14.667 |
| 10/1/2018 12:15 | 2211300 | 57.48 | 16.909 | 132.72 | 1153.497 | 1364.506 | 0.689 | 0.928 | 866.816 | 0.999 | 14.665 |
| 10/1/2018 12:30 | 2212200 | 57.477 | 16.909 | 132.713 | 1153.745 | 1364.644 | 0.689 | 0.928 | 866.742 | 0.999 | 14.662 |
| 10/1/2018 12:45 | 2213100 | 57.469 | 16.91 | 132.693 | 1153.683 | 1364.519 | 0.689 | 0.928 | 866.789 | 0.999 | 14.658 |
| 10/1/2018 13:00 | 2214000 | 57.463 | 16.909 | 132.681 | 1153.245 | 1364.048 | 0.689 | 0.928 | 867.119 | 0.999 | 14.657 |
| 10/1/2018 13:15 | 2214900 | 57.458 | 16.908 | 132.669 | 1153.402 | 1364.27 | 0.689 | 0.928 | 867 | 0.999 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 57.446 | 16.909 | 132.642 | 1153.068 | 1363.825 | 0.689 | 0.927 | 867.252 | 0.999 | 14.655 |
| 10/1/2018 13:45 | 2216700 | 57.449 | 16.908 | 132.647 | 1153.983 | 1363.74 | 0.689 | 0.927 | 867.316 | 0.999 | 14.652 |
| 10/1/2018 14:00 | 2217600 | 57.443 | 16.909 | 132.634 | 1153.412 | 1364.246 | 0.689 | 0.928 | 866.993 | 0.999 | 14.649 |
| 10/1/2018 14:15 | 2218500 | 57.45 | 16.908 | 132.65 | 1153.156 | 1363.96 | 0.689 | 0.927 | 867.185 | 0.999 | 14.646 |
| 10/1/2018 14:30 | 2219400 | 57.446 | 16.91 | 132.642 | 1153.288 | 1364.064 | 0.689 | 0.928 | 867.086 | 0.999 | 14.644 |
| 10/1/2018 14:45 | 2220300 | 57.449 | 16.908 | 132.647 | 1153.503 | 1364.381 | 0.689 | 0.928 | 866.925 | 0.999 | 14.643 |
| 10/1/2018 15:00 | 2221200 | 57.441 | 16.909 | 132.63 | 1153.365 | 1364.185 | 0.689 | 0.928 | 867.028 | 0.999 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 57.442 | 16.909 | 132.632 | 1151.4 | 1364.211 | 0.689 | 0.928 | 867.002 | 0.999 | 14.644 |
| 10/1/2018 15:30 | 2223000 | 57.442 | 16.909 | 132.632 | 1153.033 | 1363.79 | 0.689 | 0.927 | 867.278 | 0.999 | 14.642 |
| 10/1/2018 15:45 | 2223900 | 57.445 | 16.91 | 132.639 | 1153.048 | 1363.783 | 0.689 | 0.927 | 867.267 | 0.999 | 14.638 |
| 10/1/2018 16:00 | 2224800 | 57.445 | 16.909 | 132.639 | 1153.033 | 1363.791 | 0.689 | 0.927 | 867.278 | 0.999 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 57.441 | 16.911 | 132.629 | 1152.852 | 1363.522 | 0.688 | 0.927 | 867.414 | 0.999 | 14.64 |
| 10/1/2018 16:30 | 2226600 | 57.446 | 16.912 | 132.642 | 1152.479 | 1363.038 | 0.688 | 0.927 | 867.694 | 0.999 | 14.637 |
| 10/1/2018 16:45 | 2227500 | 57.446 | 16.908 | 132.642 | 1152.662 | 1363.061 | 0.688 | 0.927 | 867.682 | 0.999 | 14.638 |
| 10/1/2018 17:00 | 2228400 | 57.445 | 16.912 | 132.644 | 1152.313 | 1362.86 | 0.688 | 0.927 | 867.92 | 0.999 | 14.64 |
| 10/1/2018 17:15 | 2229300 | 57.452 | 16.908 | 132.655 | 1152.421 | 1363.093 | 0.688 | 0.927 | 867.738 | 0.999 | 14.632 |
| 10/1/2018 17:30 | 2230200 | 57.453 | 16.911 | 132.657 | 1152.401 | 1362.972 | 0.688 | 0.927 | 867.753 | 0.999 | 14.635 |
| 10/1/2018 17:45 | 2231100 | 57.443 | 16.911 | 132.635 | 1152.881 | 1363.562 | 0.688 | 0.927 | 867.392 | 0.999 | 14.641 |
| 10/1/2018 18:00 | 2232000 | 57.456 | 16.91 | 132.665 | 1152.429 | 1363.057 | 0.688 | 0.927 | 867.732 | 0.999 | 14.631 |
| 10/1/2018 18:15 | 2232900 | 57.43 | 16.912 | 132.604 | 1152.536 | 1363.111 | 0.688 | 0.927 | 867.652 | 0.999 | 14.639 |
| 10/1/2018 18:30 | 2233800 | 57.432 | 16.913 | 132.609 | 1152.15 | 1362.636 | 0.688 | 0.927 | 867.942 | 0.999 | 14.63 |
| 10/1/2018 18:45 | 2234700 | 57.457 | 16.909 | 132.666 | 1152.328 | 1362.949 | 0.688 | 0.927 | 867.808 | 0.999 | 14.63 |
| 10/1/2018 19:00 | 2235600 | 57.446 | 16.913 | 132.642 | 1152.463 | 1363.008 | 0.688 | 0.927 | 867.707 | 0.999 | 14.634 |
| 10/1/2018 19:15 | 2236500 | 57.456 | 16.913 | 132.664 | 1152.269 | 1362.754 | 0.688 | 0.927 | 867.853 | 0.999 | 14.632 |
| 10/1/2018 19:30 | 2237400 | 57.455 | 16.911 | 132.663 | 1152.43 | 1363.022 | 0.688 | 0.927 | 867.732 | 0.999 | 14.632 |
| 10/1/2018 19:45 | 2238300 | 57.467 | 16.911 | 132.69 | 1152.343 | 1362.903 | 0.688 | 0.927 | 867.797 | 0.999 | 14.624 |
| 10/1/2018 20:00 | 2239200 | 57.464 | 16.912 | 132.683 | 1152.363 | 1362.892 | 0.688 | 0.927 | 867.792 | 0.999 | 14.63 |
| 10/1/2018 20:15 | 2240100 | 57.47 | 16.913 | 132.697 | 1152.177 | 1362.667 | 0.688 | 0.927 | 867.922 | 0.999 | 14.628 |
| 10/1/2018 20:30 | 2241000 | 57.476 | 16.911 | 132.71 | 1152.23 | 1362.783 | 0.688 | 0.927 | 867.882 | 0.999 | 14.626 |
| 10/1/2018 20:45 | 2241900 | 57.468 | 16.911 | 132.691 | 1152.417 | 1362.994 | 0.688 | 0.927 | 867.741 | 0.999 | 14.632 |
| 10/1/2018 21:00 | 2242800 | 57.472 | 16.911 | 132.701 | 1153.769 | 1364.593 | 0.689 | 0.928 | 866.724 | 0.999 | 14.631 |
| 10/1/2018 21:15 | 2243700 | 57.469 | 16.911 | 132.694 | 1152.305 | 1362.875 | 0.688 | 0.927 | 867.826 | 0.999 | 14.641 |
| 10/1/2018 21:30 | 2244600 | 57.48 | 16.913 | 132.72 | 1152.001 | 1362.437 | 0.688 | 0.926 | 868.055 | 0.999 | 14.629 |
| 10/1/2018 21:45 | 2245500 | 57.482 | 16.913 | 132.724 | 1152.108 | 1362.588 | 0.688 | 0.927 | 867.974 | 0.999 | 14.63 |
| 10/1/2018 22:00 | 2246400 | 57.477 | 16.913 | 132.712 | 1152.053 | 1362.513 | 0.688 | 0.927 | 868.015 | 0.999 | 14.639 |
| 10/1/2018 22:15 | 2247300 | 57.477 | 16.912 | 132.714 | 1151.775 | 1362.198 | 0.688 | 0.926 | 868.225 | 0.999 | 14.641 |
| 10/1/2018 22:30 | 2248200 | 57.481 | 16.913 | 132.722 | 1151.897 | 1362.325 | 0.688 | 0.926 | 868.133 | 0.999 | 14.642 |
| 10/1/2018 22:45 | 2249100 | 57.485 | 16.912 | 132.732 | 1152.009 | 1362.485 | 0.688 | 0.926 | 868.049 | 0.999 | 14.635 |
| 10/1/2018 23:00 | 2250000 | 57.489 | 16.913 | 132.741 | 1152.187 | 1362.65 | 0.688 | 0.926 | 868.069 | 0.999 | 14.633 |
| 10/1/2018 23:15 | 2250900 | 57.473 | 16.911 | 132.702 | 1152.171 | 1362.7 | 0.688 | 0.927 | 867.927 | 0.999 | 14.635 |
| 10/1/2018 23:30 | 2251800 | 57.471 | 16.91 | 132.698 | 1152.14 | 1362.699 | 0.688 | 0.927 | 867.95 | 0.999 | 14.64 |
| 10/1/2018 23:45 | 2252700 | 57.496 | 16.913 | 132.757 | 1152.225 | 1362.721 | 0.688 | 0.927 | 867.886 | 0.999 | 14.635 |
| 10/2/2018 0:00 | 2253600 | 57.491 | 16.911 | 132.745 | 1152.464 | 1363.066 | 0.688 | 0.927 | 867.706 | 0.999 | 14.641 |
| 10/2/2018 0:15 | 2254500 | 57.496 | 16.913 | 132.757 | 1152.453 | 1362.991 | 0.688 | 0.927 | 867.714 | 0.999 | 14.639 |
| 10/2/2018 0:30 | 2255400 | 57.505 | 16.912 | 132.765 | 1152.566 | 1363.256 | 0.688 | 0.927 | 867.611 | 0.999 | 14.64 |
| 10/2/2018 0:45 | 2256300 | 57.509 | 16.914 | 132.786 | 1152.397 | 1362.882 | 0.688 | 0.927 | 867.756 | 0.999 | 14.636 |
| 10/2/2018 1:00 | 2257200 | 57.51 | 16.911 | 132.789 | 1152.141 | 1362.662 | 0.688 | 0.927 | 867.949 | 0.999 | 14.638 |
| 10/2/2018 1:15 | 2258100 | 57.509 | 16.913 | 132.787 | 1151.913 | 1362.344 | 0.688 | 0.926 | 868.121 | 0.999 | 14.639 |
| 10/2/2018 1:30 | 2259000 | 57.52 | 16.911 | 132.811 | 1152.032 | 1362.56 | 0.688 | 0.926 | 868.032 | 0.999 | 14.639 |
| 10/2/2018 1:45 | 2259900 | 57.527 | 16.912 | 132.828 | 1152.366 | 1362.923 | 0.688 | 0.927 | 867.78 | 0.999 | 14.629 |
| 10/2/2018 2:00 | 2260800 | 57.525 | 16.913 | 132.816 | 1152.22 | 1362.495 | 0.688 | 0.927 | 867.833 | 0.999 | 14.635 |
| 10/2/2018 2:15 | 2261700 | 57.527 | 16.911 | 132.827 | 1152.382 | 1362.964 | 0.688 | 0.927 | 867.788 | 0.999 | 14.632 |
| 10/2/2018 2:30 | 2262600 | 57.53 | 16.912 | 132.836 | 1152.254 | 1362.788 | 0.688 | 0.927 | 867.864 | 0.999 | 14.633 |
| 10/2/2018 2:45 | 2263500 | 57.533 | 16.912 | 132.841 | 1152.098 | 1362.606 | 0.688 | 0.927 | 867.982 | 0.999 | 14.63 |
| 10/2/2018 3:00 | 2264400 | 57.518 | 16.912 | 132.808 | 1152.426 | 1362.991 | 0.688 | 0.927 | 867.735 | 0.999 | 14.632 |
| 10/2/2018 3:15 | 2265300 | 57.536 | 16.911 | 132.849 | 1152.702 | 1363.339 | 0.688 | 0.927 | 867.527 | 0.999 | 14.633 |
| 10/2/2018 3:30 | 2266200 | 57.539 | 16.912 | 132.856 | 1152.621 | 1363.208 | 0.688 | 0.927 | 867.588 | 0.999 | 14.633 |
| 10/2/2018 3:45 | 2267100 | 57.537 | 16.91 | 132.828 | 1152.464 | 1362.882 | 0.688 | 0.927 | 867.706 | 0.999 | 14.633 |
| 10/2/2018 4:00 | 2268000 | 57.55 | 16.911 | 132.882 | 1152.623 | 1363.232 | 0.688 | 0.927 | 867.586 | 0.999 | 14.628 |
| 10/2/2018 4:15 | 2268900 | 57.565 | 16.91 | 132.917 | 1152.25 | 1362.84 | 0.688 | 0.927 | 867.867 | 0.999 | 14.616 |

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|-----------------|---------|--------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 10/3/2018 12:30 | 2385000 | 57.586 | 16.907 | 132.965 | 1151.859 | 1362.453 | 0.688 | 0.926 | 868.162 | 0.999 | 14.681 |
| 10/3/2018 12:45 | 2385900 | 57.574 | 16.907 | 132.937 | 1151.923 | 1362.526 | 0.688 | 0.927 | 868.113 | 0.999 | 14.682 |
| 10/3/2018 13:00 | 2386800 | 57.571 | 16.908 | 132.931 | 1151.931 | 1362.53 | 0.688 | 0.927 | 868.108 | 0.999 | 14.672 |
| 10/3/2018 13:15 | 2387700 | 57.56 | 16.908 | 132.905 | 1151.718 | 1362.251 | 0.688 | 0.926 | 868.268 | 0.999 | 14.675 |
| 10/3/2018 13:30 | 2388600 | 57.551 | 16.908 | 132.884 | 1151.561 | 1362.074 | 0.688 | 0.926 | 868.386 | 0.999 | 14.675 |
| 10/3/2018 13:45 | 2389500 | 57.545 | 16.908 | 132.869 | 1151.368 | 1361.845 | 0.688 | 0.926 | 868.532 | 0.999 | 14.671 |
| 10/3/2018 14:00 | 2390400 | 57.537 | 16.909 | 132.85 | 1151.386 | 1361.843 | 0.688 | 0.926 | 868.518 | 0.999 | 14.671 |
| 10/3/2018 14:15 | 2391300 | 57.529 | 16.909 | 132.833 | 1150.843 | 1361.195 | 0.687 | 0.926 | 868.928 | 0.999 | 14.67 |
| 10/3/2018 14:30 | 2392200 | 57.526 | 16.907 | 132.826 | 1151.384 | 1361.896 | 0.688 | 0.926 | 868.52 | 0.999 | 14.663 |
| 10/3/2018 14:45 | 2393100 | 57.509 | 16.909 | 132.787 | 1151.557 | 1362.047 | 0.688 | 0.926 | 868.389 | 0.999 | 14.671 |
| 10/3/2018 15:00 | 2394000 | 57.504 | 16.908 | 132.774 | 1151.49 | 1362.003 | 0.688 | 0.926 | 868.44 | 0.999 | 14.668 |
| 10/3/2018 15:15 | 2394900 | 57.496 | 16.908 | 132.756 | 1151.413 | 1361.914 | 0.688 | 0.926 | 868.498 | 0.999 | 14.665 |
| 10/3/2018 15:30 | 2395800 | 57.493 | 16.908 | 132.749 | 1151.605 | 1362.136 | 0.688 | 0.926 | 868.353 | 0.999 | 14.662 |
| 10/3/2018 15:45 | 2396700 | 57.483 | 16.907 | 132.727 | 1151.843 | 1362.437 | 0.688 | 0.926 | 868.174 | 0.999 | 14.661 |
| 10/3/2018 16:00 | 2397600 | 57.459 | 16.907 | 132.671 | 1151.68 | 1362.252 | 0.688 | 0.926 | 868.297 | 0.999 | 14.663 |
| 10/3/2018 16:15 | 2398500 | 57.475 | 16.908 | 132.709 | 1151.421 | 1361.913 | 0.688 | 0.926 | 868.492 | 0.999 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 57.468 | 16.908 | 132.692 | 1152.103 | 1362.708 | 0.688 | 0.927 | 867.978 | 0.999 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 57.462 | 16.909 | 132.679 | 1151.527 | 1362.01 | 0.688 | 0.926 | 868.412 | 0.999 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 57.453 | 16.909 | 132.658 | 1151.241 | 1361.676 | 0.687 | 0.926 | 868.528 | 0.999 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 57.452 | 16.909 | 132.655 | 1150.91 | 1361.282 | 0.687 | 0.926 | 868.878 | 0.999 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 57.451 | 16.912 | 132.651 | 1150.951 | 1361.231 | 0.687 | 0.926 | 868.846 | 0.999 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 57.444 | 16.91 | 132.637 | 1151.14 | 1361.513 | 0.687 | 0.926 | 868.704 | 0.999 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 57.437 | 16.91 | 132.621 | 1150.803 | 1361.136 | 0.687 | 0.926 | 868.959 | 0.999 | 14.666 |
| 10/3/2018 18:15 | 2405700 | 57.442 | 16.91 | 132.631 | 1150.957 | 1361.294 | 0.687 | 0.926 | 868.842 | 0.999 | 14.663 |
| 10/3/2018 18:30 | 2406600 | 57.435 | 16.911 | 132.617 | 1150.741 | 1361.031 | 0.687 | 0.926 | 869.005 | 0.999 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 57.403 | 16.911 | 132.542 | 1150.74 | 1361.026 | 0.687 | 0.925 | 869.006 | 0.999 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 57.423 | 16.91 | 132.587 | 1150.819 | 1361.153 | 0.687 | 0.926 | 868.946 | 0.999 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 57.404 | 16.911 | 132.544 | 1150.604 | 1360.85 | 0.687 | 0.925 | 869.109 | 0.999 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 57.416 | 16.911 | 132.571 | 1150.444 | 1360.653 | 0.687 | 0.925 | 869.23 | 0.999 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 57.417 | 16.911 | 132.574 | 1150.653 | 1360.924 | 0.687 | 0.925 | 869.072 | 0.999 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 57.42 | 16.911 | 132.581 | 1150.469 | 1360.712 | 0.687 | 0.925 | 869.21 | 0.999 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 57.416 | 16.912 | 132.573 | 1150.31 | 1360.481 | 0.687 | 0.925 | 869.331 | 0.999 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 57.419 | 16.912 | 132.579 | 1150.333 | 1360.494 | 0.687 | 0.925 | 869.313 | 0.999 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 57.416 | 16.911 | 132.572 | 1150.445 | 1360.667 | 0.687 | 0.925 | 869.229 | 0.999 | 14.688 |
| 10/3/2018 21:00 | 2415600 | 57.417 | 16.912 | 132.574 | 1150.517 | 1360.734 | 0.687 | 0.925 | 869.174 | 0.999 | 14.689 |
| 10/3/2018 21:15 | 2416500 | 57.421 | 16.912 | 132.583 | 1150.362 | 1360.528 | 0.687 | 0.925 | 869.292 | 0.999 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 57.425 | 16.912 | 132.593 | 1150.134 | 1360.28 | 0.687 | 0.925 | 869.464 | 0.999 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 57.425 | 16.912 | 132.594 | 1150.084 | 1360.197 | 0.687 | 0.925 | 869.502 | 0.999 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 57.426 | 16.914 | 132.594 | 1150.279 | 1360.379 | 0.687 | 0.925 | 869.354 | 0.999 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 57.42 | 16.912 | 132.581 | 1150.32 | 1360.501 | 0.687 | 0.925 | 869.323 | 0.999 | 14.695 |
| 10/3/2018 22:30 | 2421000 | 57.429 | 16.912 | 132.602 | 1150.158 | 1360.309 | 0.687 | 0.925 | 869.446 | 0.999 | 14.692 |
| 10/3/2018 22:45 | 2421900 | 57.43 | 16.913 | 132.604 | 1150.303 | 1360.451 | 0.687 | 0.925 | 869.336 | 0.999 | 14.699 |
| 10/3/2018 23:00 | 2422800 | 57.431 | 16.911 | 132.606 | 1150.055 | 1360.193 | 0.687 | 0.925 | 869.524 | 0.999 | 14.699 |
| 10/3/2018 23:15 | 2423700 | 57.429 | 16.913 | 132.602 | 1150.23 | 1360.351 | 0.687 | 0.925 | 869.391 | 0.999 | 14.701 |
| 10/3/2018 23:30 | 2424600 | 57.44 | 16.912 | 132.626 | 1150.152 | 1360.296 | 0.687 | 0.925 | 869.45 | 0.999 | 14.697 |
| 10/3/2018 23:45 | 2425500 | 57.432 | 16.912 | 132.608 | 1150.256 | 1360.414 | 0.687 | 0.925 | 869.372 | 0.999 | 14.705 |

Report Date: 10/8/2018 13:18
 Report User Name: WMassoll
 Report Computer Name: WKST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MPWSP MW-65 LT Test_2018-10-04_08-32-50-187-BaroMerge.wsl
 Create Date: 10/8/2018 13:10

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP MW-65
 Device Name:
 Serial Number: 498998
 Firmware Version: 2.01
 Hardware Version: 4
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 0
 Used Battery: 2

Log Configuration
 Log Name: MPWSP MW-65 LT Test
 Created By: WMassoll
 Computer Name: PROBOOK2
 Application: WinSitu.exe
 Application Version: 5.6.27.1
 Create Date: 3/16/2017 12:50:25 PM Pacific Daylight Time
 Log Setup Time Zone: Pacific Daylight Time
 Notes Size(Bytes): 4095
 Overwrite when full: Enabled
 Scheduled Start Time: 3/16/2017 1:00:00 PM Pacific Daylight Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Specific Gravity
 Depth: 0.999

Other Log Settings
 Depth of Probe: 65.2518 (ft)
 Head Pressure: 28.2601 (PSI)
 Temperature: 16.9986 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:
 Date and Time Note
 3/16/2017 12:50 Used Battery: 2% Used Memory: 3% User Name: WMassoll
 3/16/2017 13:02 Log Download - Used Battery: 2% Used Memory: 3% User Name: WMassoll Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 3/16/2017 3:00:00 PM
 3/23/2017 13:19 Log Download - Used Battery: 2% Used Memory: 3% User Name: AVanHaltsma Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 3/23/2017 11:50:00 PM
 3/30/2017 11:39 Log Download - Used Battery: 3% Used Memory: 4% User Name: AVanHaltsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 12:30:00 PM
 4/6/2017 10:29 Log Download - Used Battery: 3% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 4/1/2017 6:00:00 AM
 4/6/2017 11:59 Log Download - Used Battery: 3% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 4/6/2017 12:45:00 PM
 4/13/2017 9:05 Log Download - Used Battery: 3% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:00:00 AM
 4/13/2017 9:06 Log Download - Used Battery: 3% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:00:00 AM
 4/20/2017 10:50 Log Download - Used Battery: 4% Used Memory: 6% User Name: AVanHaltsma Interval - Start Time: 4/15/2017 10:00:00 PM Stop Time: 4/20/2017 11:45:00 AM
 4/27/2017 9:55 Log Download - Used Battery: 4% Used Memory: 7% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 10:45:00 AM
 5/4/2017 10:20 Log Download - Used Battery: 4% Used Memory: 7% User Name: AVanHaltsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 11:15:00 AM
 5/11/2017 10:29 Log Download - Used Battery: 5% Used Memory: 9% User Name: AVanHaltsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 11:15:00 AM
 5/18/2017 14:38 Log Download - Used Battery: 5% Used Memory: 9% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 3:30:00 PM
 5/25/2017 10:09 Log Download - Used Battery: 6% Used Memory: 10% User Name: AVanHaltsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:00:00 AM
 6/1/2017 14:45 Log Download - Used Battery: 6% Used Memory: 10% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 1:15:00 PM
 6/1/2017 14:46 Log Download - Used Battery: 6% Used Memory: 10% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 3:15:00 PM
 6/8/2017 8:14 Log Download - Used Battery: 6% Used Memory: 12% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 9:20:00 PM
 6/15/2017 13:24 Log Download - Used Battery: 7% Used Memory: 12% User Name: AVanHaltsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 1:15:00 PM
 6/15/2017 13:26 Log Download - Used Battery: 7% Used Memory: 12% User Name: AVanHaltsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 2:15:00 PM
 6/22/2017 7:23 Log Download - Used Battery: 7% Used Memory: 14% User Name: AVanHaltsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 8:15:00 AM
 6/29/2017 7:50 Log Download - Used Battery: 7% Used Memory: 14% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 8:30:00 PM
 7/6/2017 7:09 Log Download - Used Battery: 8% Used Memory: 15% User Name: AVanHaltsma Interval - Start Time: 6/29/2017 10:00:00 PM Stop Time: 7/6/2017 8:00:00 AM
 7/13/2017 10:08 Log Download - Used Battery: 8% Used Memory: 15% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 4:00:00 PM
 7/13/2017 10:10 Log Download - Used Battery: 8% Used Memory: 15% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 10:00:00 AM
 7/20/2017 9:15 Log Download - Used Battery: 9% Used Memory: 17% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 6:45:00 PM
 7/27/2017 11:05 Log Download - Used Battery: 9% Used Memory: 17% User Name: AVanHaltsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 12:00:00 PM
 8/3/2017 11:47 Log Download - Used Battery: 9% Used Memory: 18% User Name: AVanHaltsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 12:45:00 PM
 8/10/2017 8:03 Log Download - Used Battery: 10% Used Memory: 18% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 6:15:00 PM
 8/17/2017 11:01 Log Download - Used Battery: 10% Used Memory: 20% User Name: AVanHaltsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 12:00:00 PM
 8/24/2017 13:29 Log Download - Used Battery: 10% Used Memory: 21% User Name: AVanHaltsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 2:15:00 PM
 9/1/2017 10:04 Log Download - Used Battery: 11% Used Memory: 21% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 6:30:00 PM
 9/7/2017 11:21 Log Download - Used Battery: 11% Used Memory: 23% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 6:30:00 PM
 9/14/2017 12:52 Log Download - Used Battery: 11% Used Memory: 23% User Name: AVanHaltsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:45:00 PM
 9/21/2017 12:07 Log Download - Used Battery: 12% Used Memory: 25% User Name: AVanHaltsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:00:00 PM
 9/28/2017 9:55 Log Download - Used Battery: 12% Used Memory: 25% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 5:45:00 PM
 10/5/2017 11:30 Log Download - Used Battery: 13% Used Memory: 26% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 1:30:00 PM
 10/12/2017 11:18 Log Download - Used Battery: 13% Used Memory: 26% User Name: AVanHaltsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 12:15:00 PM
 10/19/2017 11:27 Log Download - Used Battery: 13% Used Memory: 28% User Name: AVanHaltsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 12:15:00 PM
 10/26/2017 10:06 Log Download - Used Battery: 14% Used Memory: 28% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 8:00:00 PM
 11/2/2017 11:25 Log Download - Used Battery: 14% Used Memory: 29% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 1:45:00 PM
 11/9/2017 12:47 Log Download - Used Battery: 14% Used Memory: 29% User Name: AVanHaltsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 1:45:00 PM
 11/16/2017 9:17 Log Download - Used Battery: 15% Used Memory: 31% User Name: WMassoll Interval - Start Time: 11/8/2017 10:00:00 PM Stop Time: 11/16/2017 4:30:00 PM
 11/23/2017 13:15 Log Download - Used Battery: 15% Used Memory: 31% User Name: AVanHaltsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 2:15:00 PM
 12/1/2017 8:23 Log Download - Used Battery: 16% Used Memory: 32% User Name: AVanHaltsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 9:15:00 AM
 12/7/2017 9:24 Log Download - Used Battery: 16% Used Memory: 32% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 2:45:00 PM
 12/14/2017 10:36 Log Download - Used Battery: 16% Used Memory: 34% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 6:30:00 PM
 12/21/2017 7:49 Log Download - Used Battery: 17% Used Memory: 34% User Name: AVanHaltsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 8:45:00 AM
 1/4/2018 11:09 Log Download - Used Battery: 17% Used Memory: 35% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 6:20:00 PM
 1/11/2018 11:09 Log Download - Used Battery: 18% Used Memory: 37% User Name: AVanHaltsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 12:00:00 PM
 1/18/2018 9:05 Log Download - Used Battery: 18% Used Memory: 39% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 12:00:00 PM
 1/26/2018 9:24 Log Download - Used Battery: 18% Used Memory: 39% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 3:15:00 PM
 2/1/2018 15:02 Log Download - Used Battery: 19% Used Memory: 40% User Name: WMassoll Interval - Start Time: 1/24/2018 10:00:00 PM Stop Time: 2/1/2018 6:50:00 AM
 2/8/2018 9:35 Log Download - Used Battery: 19% Used Memory: 40% User Name: AVanHaltsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 10:30:00 AM
 2/15/2018 9:27 Log Download - Used Battery: 19% Used Memory: 42% User Name: AVanHaltsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 10:15:00 AM
 2/22/2018 10:26 Log Download - Used Battery: 20% Used Memory: 42% User Name: WMassoll Interval - Start Time: 2/14/2018 10:00:00 PM Stop Time: 2/22/2018 4:15:00 PM
 3/1/2018 13:45 Log Download - Used Battery: 20% Used Memory: 43% User Name: WMassoll Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 3/1/2018 3:15:00 PM
 3/8/2018 11:16 Log Download - Used Battery: 21% Used Memory: 43% User Name: AVanHaltsma Interval - Start Time: 2/21/2018 10:00:00 PM Stop Time: 3/8/2018 12:15:00 PM
 3/22/2018 10:19 Log Download - Used Battery: 21% Used Memory: 45% User Name: AVanHaltsma Interval - Start Time: 3/7/2018 10:00:00 PM Stop Time: 3/22/2018 11:15:00 AM
 4/19/2018 10:07 Log Download - Used Battery: 23% Used Memory: 48% User Name: WMassoll Interval - Start Time: 3/20/2018 10:00:00 PM Stop Time: 4/19/2018 4:45:00 PM
 8/9/2018 9:44 Log Download - Used Battery: 28% Used Memory: 62% User Name: WMassoll Interval - Start Time: 7/11/2018 10:00:00 PM Stop Time: 8/9/2018 4:00:00 PM
 10/8/2018 13:10 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-10-05_15-48-09-951.wsl""

Log Data:
 Record Count: 2730
 Sensors: 2
 1 498998 PCTD 30 PSIA (10.9m/35.8ft)
 2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(A) 35.8ft SNR: 498998 Pressure (PSI) | Sensor: PCTD(A) 35.8ft SNR: 498998 Temperature (C) | Sensor: PCTD(A) 35.8ft SNR: 498998 Depth (ft) | Sensor: PCTD(A) 35.8ft SNR: 498998 Actual Conductivity (µS/cm) | Sensor: PCTD(A) 35.8ft SNR: 498998 Specific Conductivity (µS/cm) | Sensor: PCTD(A) 35.8ft SNR: 498998 Salinity (PSU) | Sensor: PCTD(A) 35.8ft SNR: 498998 Total Dissolved Solids (ppt) | Sensor: PCTD(A) 35.8ft SNR: 498998 Resistivity (ohm-cm) | Sensor: PCTD(A) 35.8ft SNR: 498998 Water Density (g/cm3) | Sensor: Baro-Adj Calc SNR: 000000 Barometric Pressure (PSI) |
|---------------|----------------------|---|--|---|--|--|---|---|---|--|---|
| 9/6/2018 0:00 | 7200 | 11.388 | 17.047 | 26.295 | 1384.761 | 1632.791 | 0.831 | 1.11 | 722.146 | 0.999 | 14.747 |
| 9/6/2018 0:15 | 8100 | 11.385 | 17.047 | 26.289 | 1384.769 | 1632.807 | 0.831 | 1.11 | 722.142 | 0.999 | 14.751 |
| 9/6/2018 0:30 | 9000 | 11.389 | 17.047 | 26.297 | 1384.774 | 1632.797 | 0.831 | 1.11 | 722.14 | 0.999 | 14.748 |
| 9/6/2018 0:45 | 9900 | 11.386 | 17.047 | 26.29 | 1384.826 | 1632.846 | 0.831 | 1.11 | 722.112 | 0.999 | 14.753 |
| 9/6/2018 1:00 | 10800 | 11.389 | 17.047 | 26.297 | 1384.745 | 1632.772 | 0.831 | 1.11 | 722.155 | 0.999 | 14.749 |
| 9/6/2018 1:15 | 11700 | 11.385 | 17.047 | 26.288 | 1384.537 | 1632.525 | 0.831 | 1.11 | 722.263 | 0.999 | 14.753 |
| 9/6/2018 1:30 | 12600 | 11.389 | 17.047 | 26.296 | 1384.602 | 1632.594 | 0.831 | 1.11 | 722.229 | 0.999 | 14.752 |
| 9/6/2018 1:45 | 13500 | 11.387 | 17.047 | 26.293 | 1384.603 | 1632.608 | 0.831 | 1.11 | 722.229 | 0.999 | 14.752 |
| 9/6/2018 2:00 | 14400 | 11.392 | 17.047 | 26.304 | 1384.592 | 1632.589 | 0.831 | 1.11 | 722.235 | 0.999 | 14.748 |
| 9/6/2018 2:15 | 15300 | 11.386 | 17.047 | 26.29 | 1384.598 | 1632.593 | 0.831 | 1.11 | 722.231 | 0.999 | 14.75 |
| 9/6/2018 2:30 | 16200 | 11.387 | 17.047 | 26.29 | 1384.509 | 1632.594 | 0.831 | 1.11 | 722.235 | 0.999 | 14.747 |
| 9/6/2018 2:45 | 17100 | 11.39 | 17.047 | 26.299 | 1384.509 | 1632.504 | 0.831 | 1.11 | 722.278 | 0.999 | 14.745 |
| 9/6/2018 3:00 | 18000 | 11.391 | 17.047 | 26.302 | 1384.497 | 1632.484 | 0.831 | 1.11 | 722.284 | 0.999 | 14.742 |
| 9/6/2018 3:15 | 18900 | 11.392 | 17.047 | 26.303 | 1384.192 | 1632.113 | 0.831 | 1.11 | 722.443 | 0.999 | 14.741 |
| 9/6/2018 3:30 | 19800 | 11.391 | 17.047 | 26.301 | 1384.25 | 1632.186 | 0.831 | 1.11 | 722.413 | 0.999 | 14.741 |
| 9/6/2018 3:45 | 20700 | 11.396 | 17.047 | 26.313 | 1384.221 | 1632.151 | 0.831 | 1.11 | 722.428 | 0.999 | 14.735 |
| 9/6/2018 4:00 | 21600 | 11.39 | 17.047 | 26.297 | 1384.041 | 1631.93 | 0.831 | 1.11 | 722.522 | 0.999 | 14.742 |
| 9/6/2018 4:15 | 22500 | 11.391 | 17.047 | 26.302 | 1384.029 | 1631.928 | 0.831 | 1.11 | 722.528 | 0.999 | 14.74 |
| 9/6/2018 4:30 | 23400 | 11.387 | 17.047 | 26.291 | 1383.956 | 1631.826 | 0.831 | 1.11 | 722.567 | 0.999 | 14.743 |
| 9/6/2018 4:45 | 24300 | 11.39 | 17.047 | 26.299 | 1384.045 | 1631.935 | 0.831 | 1.11 | 722.52 | 0.999 | 14.738 |
| 9/6/2018 5:00 | 25200 | 11.392 | 17.047 | 26.305 | 1383.813 | 1631.676 | 0.831 | 1.11 | 722.61 | 0.999 | 14.736 |
| 9/6/2018 5:15 | 26100 | 11.388 | 17.047 | 26.295 | 1383.491 | 1631.304 | 0.831 | 1.109 | 722.809 | 0.999 | 14.743 |
| 9/6/2018 5:30 | 27000 | 11.385 | 17.047 | 26.297 | 1382.388 | 1631.058 | 0.831 | 1.109 | 722.915 | 0.999 | 14.747 |
| 9/6/2018 5:45 | 27900 | 11.382 | 17.047 | 26.281 | 1383.373 | 1631.145 | 0.831 | 1.109 | 722.871 | 0.999 | 14.753 |
| 9/6/2018 6:00 | 28800 | 11.382 | 17.047 | 26.28 | 1383.25 | 1631.01 | 0.831 | 1.109 | 722.935 | 0.999 | 14.757 |
| 9/6/2018 6:15 | 29700 | 11.388 | 17.047 | 26.294 | 1383.198 | 1630.958 | 0.831 | 1.109 | 722.962 | 0.999 | 14.751 |
| 9/6/2018 6:30 | 30600 | 11.388 | 17.047 | 26.295 | 1383.173 | 1630.919 | 0.831 | 1.109 | 722.975 | 0.999 | 14.753 |
| 9/6/2018 6:45 | 31500 | 11.387 | 17.047 | 26.292 | 1383.092 | 1630.833 | 0.831 | 1.109 | 723.018 | 0.999 | 14.756 |
| 9/6/2018 7:00 | 32400 | 11.386 | 17.047 | 26.29 | 1382.981 | 1630.712 | 0.831 | 1.109 | 723.076 | 0.999 | 14.759 |
| 9/6/2018 7:15 | 33300 | 11.384 | 17.047 | 26.285 | 1382.908 | 1630.604 | 0.831 | 1.109 | 723.114 | 0.999 | 14.764 |
| 9/6/2018 7:30 | 34200 | 11.385 | 17.047 | 26.288 | 1382.808 | 1630.499 | 0.831 | 1.109 | 723.166 | 0.999 | 14.764 |
| 9/6/2018 7:45 | 35100 | 11.382 | 17.047 | 26.281 | 1382.639 | 1630.282 | 0.831 | 1.109 | 723.255 | 0.999 | 14.768 |
| 9/6/2018 8:00 | 36000 | 11.386 | 17.047 | 26.29 | 1383.016 | 1630.734 | 0.831 | 1.109 | 723.057 | 0.999 | 14.764 |
| 9/6/2018 8:15 | 36900 | 11.385 | 17.047 | 26.288 | 1382.579 | 1630.215 | 0.831 | 1.109 | 723.286 | 0.999 | 14.767 |
| 9/6/2018 8:30 | 37800 | 11.389 | 17.047 | 26.297 | 1382.308 | 1629.896 | 0.831 | 1.108 | 723.428 | 0.999 | 14.764 |
| 9/6/2018 8:45 | 38700 | 11.388 | 17.047 | 26.295 | 1382.176 | 1629.746 | 0.831 | 1.108 | 723.497 | 0.999 | 14.766 |
| 9/6/2018 9:00 | 39600 | 11.393 | 17.047 | 26.306 | 1381.846 | 1629.354 | 0.831 | 1.108 | 723.67 | 0.999 | 14.763 |
| 9/6/2018 9:15 | 40500 | 11.381 | 17.047 | 26.278 | 1381.728 | 1629.209 | 0.829 | 1.108 | 723.731 | 0.999 | 14.776 |
| 9/6/2018 9:30 | 41400 | 11.385 | 17.047 | 26.288 | 1381.532 | 1628.994 | 0 | | | | |

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|----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/6/2018 18:30 | 73800 | 11.392 | 17.047 | 26.303 | 1378.045 | 1624.853 | 0.827 | 1.105 | 725.666 | 0.999 | 14.743 |
| 9/6/2018 18:45 | 74700 | 11.389 | 17.047 | 26.296 | 1378.05 | 1624.862 | 0.827 | 1.105 | 725.663 | 0.999 | 14.743 |
| 9/6/2018 19:00 | 75600 | 11.391 | 17.047 | 26.302 | 1378.044 | 1624.861 | 0.827 | 1.105 | 725.666 | 0.999 | 14.739 |
| 9/6/2018 19:15 | 76500 | 11.392 | 17.047 | 26.304 | 1378.119 | 1624.95 | 0.827 | 1.105 | 725.627 | 0.999 | 14.739 |
| 9/6/2018 19:30 | 77400 | 11.391 | 17.046 | 26.3 | 1378.224 | 1625.096 | 0.827 | 1.105 | 725.571 | 0.999 | 14.741 |
| 9/6/2018 19:45 | 78300 | 11.395 | 17.047 | 26.31 | 1378.022 | 1624.849 | 0.827 | 1.105 | 725.678 | 0.999 | 14.734 |
| 9/6/2018 20:00 | 79200 | 11.396 | 17.047 | 26.313 | 1377.989 | 1624.87 | 0.827 | 1.105 | 725.695 | 0.999 | 14.733 |
| 9/6/2018 20:15 | 80100 | 11.396 | 17.047 | 26.313 | 1378.082 | 1624.92 | 0.827 | 1.105 | 725.646 | 0.999 | 14.733 |
| 9/6/2018 20:30 | 81000 | 11.388 | 17.047 | 26.295 | 1378.181 | 1625.03 | 0.827 | 1.105 | 725.594 | 0.999 | 14.743 |
| 9/6/2018 20:45 | 81900 | 11.387 | 17.047 | 26.293 | 1377.97 | 1624.781 | 0.827 | 1.105 | 725.705 | 0.999 | 14.744 |
| 9/6/2018 21:00 | 82800 | 11.39 | 17.047 | 26.299 | 1377.977 | 1624.789 | 0.827 | 1.105 | 725.701 | 0.999 | 14.744 |
| 9/6/2018 21:15 | 83700 | 11.39 | 17.047 | 26.3 | 1377.984 | 1624.778 | 0.827 | 1.105 | 725.698 | 0.999 | 14.746 |
| 9/6/2018 21:30 | 84600 | 11.389 | 17.047 | 26.296 | 1378.028 | 1624.855 | 0.827 | 1.105 | 725.675 | 0.999 | 14.747 |
| 9/6/2018 21:45 | 85500 | 11.391 | 17.047 | 26.301 | 1378.176 | 1625.014 | 0.827 | 1.105 | 725.596 | 0.999 | 14.747 |
| 9/6/2018 22:00 | 86400 | 11.385 | 17.047 | 26.288 | 1378.099 | 1624.927 | 0.827 | 1.105 | 725.637 | 0.999 | 14.753 |
| 9/6/2018 22:15 | 87300 | 11.395 | 17.047 | 26.311 | 1377.909 | 1624.719 | 0.827 | 1.105 | 725.737 | 0.999 | 14.743 |
| 9/6/2018 22:30 | 88200 | 11.391 | 17.047 | 26.303 | 1377.739 | 1624.508 | 0.827 | 1.105 | 725.827 | 0.999 | 14.748 |
| 9/6/2018 22:45 | 89100 | 11.389 | 17.047 | 26.297 | 1377.924 | 1624.727 | 0.827 | 1.105 | 725.729 | 0.999 | 14.75 |
| 9/6/2018 23:00 | 90000 | 11.392 | 17.047 | 26.304 | 1378.044 | 1624.856 | 0.827 | 1.105 | 725.666 | 0.999 | 14.747 |
| 9/6/2018 23:15 | 90900 | 11.396 | 17.047 | 26.314 | 1377.884 | 1624.682 | 0.827 | 1.105 | 725.751 | 0.999 | 14.744 |
| 9/6/2018 23:30 | 91800 | 11.39 | 17.047 | 26.3 | 1377.844 | 1624.636 | 0.827 | 1.105 | 725.771 | 0.999 | 14.749 |
| 9/6/2018 23:45 | 92700 | 11.389 | 17.046 | 26.296 | 1377.753 | 1624.541 | 0.827 | 1.105 | 725.819 | 0.999 | 14.747 |
| 9/7/2018 0:00 | 93600 | 11.394 | 17.047 | 26.309 | 1377.776 | 1624.565 | 0.827 | 1.105 | 725.807 | 0.999 | 14.745 |
| 9/7/2018 0:15 | 94500 | 11.391 | 17.047 | 26.302 | 1377.832 | 1624.628 | 0.827 | 1.105 | 725.778 | 0.999 | 14.75 |
| 9/7/2018 0:30 | 95400 | 11.392 | 17.047 | 26.304 | 1377.875 | 1624.665 | 0.827 | 1.105 | 725.758 | 0.999 | 14.747 |
| 9/7/2018 0:45 | 96300 | 11.392 | 17.047 | 26.304 | 1377.677 | 1624.43 | 0.827 | 1.105 | 725.859 | 0.999 | 14.747 |
| 9/7/2018 1:00 | 97200 | 11.391 | 17.047 | 26.303 | 1377.724 | 1624.494 | 0.827 | 1.105 | 725.835 | 0.999 | 14.749 |
| 9/7/2018 1:15 | 98100 | 11.392 | 17.047 | 26.304 | 1377.75 | 1624.509 | 0.827 | 1.105 | 725.821 | 0.999 | 14.748 |
| 9/7/2018 1:30 | 99000 | 11.397 | 17.047 | 26.316 | 1377.573 | 1624.322 | 0.827 | 1.105 | 725.915 | 0.999 | 14.742 |
| 9/7/2018 1:45 | 99900 | 11.395 | 17.047 | 26.31 | 1377.555 | 1624.295 | 0.827 | 1.105 | 725.924 | 0.999 | 14.744 |
| 9/7/2018 2:00 | 100800 | 11.396 | 17.047 | 26.313 | 1377.451 | 1624.172 | 0.827 | 1.104 | 725.979 | 0.999 | 14.747 |
| 9/7/2018 2:15 | 101700 | 11.397 | 17.047 | 26.316 | 1377.377 | 1624.078 | 0.827 | 1.104 | 726.018 | 0.999 | 14.739 |
| 9/7/2018 2:30 | 102600 | 11.391 | 17.047 | 26.301 | 1377.423 | 1624.13 | 0.827 | 1.104 | 725.993 | 0.999 | 14.744 |
| 9/7/2018 2:45 | 103500 | 11.398 | 17.047 | 26.317 | 1377.373 | 1624.079 | 0.827 | 1.104 | 726.02 | 0.999 | 14.736 |
| 9/7/2018 3:00 | 104400 | 11.392 | 17.047 | 26.304 | 1377.448 | 1624.161 | 0.827 | 1.104 | 725.98 | 0.999 | 14.742 |
| 9/7/2018 3:15 | 105300 | 11.394 | 17.047 | 26.308 | 1377.189 | 1623.86 | 0.827 | 1.104 | 726.117 | 0.999 | 14.741 |
| 9/7/2018 3:30 | 106200 | 11.395 | 17.047 | 26.311 | 1377.607 | 1623.807 | 0.827 | 1.104 | 726.104 | 0.999 | 14.74 |
| 9/7/2018 3:45 | 107100 | 11.393 | 17.047 | 26.305 | 1377.136 | 1623.798 | 0.827 | 1.104 | 726.145 | 0.999 | 14.74 |
| 9/7/2018 4:00 | 108000 | 11.385 | 17.047 | 26.289 | 1377.185 | 1623.859 | 0.827 | 1.104 | 726.119 | 0.999 | 14.748 |
| 9/7/2018 4:15 | 108900 | 11.393 | 17.047 | 26.307 | 1377.205 | 1623.879 | 0.827 | 1.104 | 726.108 | 0.999 | 14.74 |
| 9/7/2018 4:30 | 109800 | 11.386 | 17.047 | 26.289 | 1377.132 | 1623.803 | 0.827 | 1.104 | 726.147 | 0.999 | 14.748 |
| 9/7/2018 4:45 | 110700 | 11.391 | 17.047 | 26.302 | 1376.956 | 1623.591 | 0.826 | 1.104 | 726.24 | 0.999 | 14.742 |
| 9/7/2018 5:00 | 111600 | 11.391 | 17.047 | 26.302 | 1376.78 | 1623.394 | 0.826 | 1.104 | 726.333 | 0.999 | 14.74 |
| 9/7/2018 5:15 | 112500 | 11.392 | 17.047 | 26.306 | 1376.647 | 1623.217 | 0.826 | 1.104 | 726.403 | 0.999 | 14.741 |
| 9/7/2018 5:30 | 113400 | 11.389 | 17.047 | 26.297 | 1376.592 | 1623.153 | 0.826 | 1.104 | 726.432 | 0.999 | 14.743 |
| 9/7/2018 5:45 | 114300 | 11.397 | 17.047 | 26.315 | 1376.468 | 1623.01 | 0.826 | 1.104 | 726.497 | 0.999 | 14.736 |
| 9/7/2018 6:00 | 115200 | 11.398 | 17.047 | 26.317 | 1376.49 | 1623.036 | 0.826 | 1.104 | 726.486 | 0.999 | 14.735 |
| 9/7/2018 6:15 | 116100 | 11.396 | 17.047 | 26.312 | 1376.375 | 1622.897 | 0.826 | 1.104 | 726.544 | 0.999 | 14.739 |
| 9/7/2018 6:30 | 117000 | 11.394 | 17.047 | 26.308 | 1376.176 | 1622.675 | 0.826 | 1.103 | 726.651 | 0.999 | 14.741 |
| 9/7/2018 6:45 | 117900 | 11.386 | 17.047 | 26.29 | 1376.099 | 1622.584 | 0.826 | 1.103 | 726.692 | 0.999 | 14.748 |
| 9/7/2018 7:00 | 118800 | 11.389 | 17.047 | 26.296 | 1375.936 | 1622.392 | 0.826 | 1.103 | 726.778 | 0.999 | 14.748 |
| 9/7/2018 7:15 | 119700 | 11.39 | 17.047 | 26.299 | 1375.956 | 1622.396 | 0.826 | 1.103 | 726.768 | 0.999 | 14.747 |
| 9/7/2018 7:30 | 120600 | 11.4 | 17.047 | 26.321 | 1375.69 | 1622.099 | 0.826 | 1.103 | 726.908 | 0.999 | 14.739 |
| 9/7/2018 7:45 | 121500 | 11.393 | 17.047 | 26.305 | 1375.668 | 1622.067 | 0.826 | 1.103 | 726.919 | 0.999 | 14.747 |
| 9/7/2018 8:00 | 122400 | 11.392 | 17.047 | 26.304 | 1375.579 | 1621.972 | 0.826 | 1.103 | 726.966 | 0.999 | 14.748 |
| 9/7/2018 8:15 | 123300 | 11.391 | 17.047 | 26.301 | 1375.581 | 1621.974 | 0.826 | 1.103 | 726.965 | 0.999 | 14.75 |
| 9/7/2018 8:30 | 124200 | 11.394 | 17.047 | 26.309 | 1375.564 | 1621.938 | 0.826 | 1.103 | 726.974 | 0.999 | 14.748 |
| 9/7/2018 8:45 | 125100 | 11.389 | 17.047 | 26.298 | 1375.493 | 1621.863 | 0.826 | 1.103 | 727.012 | 0.999 | 14.751 |
| 9/7/2018 9:00 | 126000 | 11.397 | 17.047 | 26.316 | 1375.389 | 1621.728 | 0.826 | 1.103 | 727.067 | 0.999 | 14.744 |
| 9/7/2018 9:15 | 126900 | 11.391 | 17.046 | 26.302 | 1375.131 | 1621.453 | 0.825 | 1.103 | 727.203 | 0.999 | 14.751 |
| 9/7/2018 9:30 | 127800 | 11.393 | 17.047 | 26.305 | 1374.996 | 1621.287 | 0.825 | 1.102 | 727.275 | 0.999 | 14.751 |
| 9/7/2018 9:45 | 128700 | 11.39 | 17.047 | 26.298 | 1374.933 | 1621.209 | 0.825 | 1.102 | 727.308 | 0.999 | 14.755 |
| 9/7/2018 10:00 | 129600 | 11.396 | 17.047 | 26.313 | 1374.787 | 1621.037 | 0.825 | 1.102 | 727.386 | 0.999 | 14.749 |
| 9/7/2018 10:15 | 130500 | 11.392 | 17.047 | 26.304 | 1374.804 | 1621.042 | 0.825 | 1.102 | 727.376 | 0.999 | 14.752 |
| 9/7/2018 10:30 | 131400 | 11.393 | 17.047 | 26.307 | 1374.86 | 1621.117 | 0.825 | 1.102 | 727.347 | 0.999 | 14.751 |
| 9/7/2018 10:45 | 132300 | 11.387 | 17.046 | 26.293 | 1374.725 | 1620.971 | 0.825 | 1.102 | 727.418 | 0.999 | 14.757 |
| 9/7/2018 11:00 | 133200 | 11.393 | 17.047 | 26.305 | 1374.672 | 1620.896 | 0.825 | 1.102 | 727.446 | 0.999 | 14.752 |
| 9/7/2018 11:15 | 134100 | 11.386 | 17.047 | 26.29 | 1374.617 | 1620.796 | 0.825 | 1.102 | 727.484 | 0.999 | 14.756 |
| 9/7/2018 11:30 | 135000 | 11.391 | 17.047 | 26.3 | 1374.476 | 1620.664 | 0.825 | 1.102 | 727.55 | 0.999 | 14.751 |
| 9/7/2018 11:45 | 135900 | 11.394 | 17.047 | 26.308 | 1374.349 | 1620.508 | 0.825 | 1.102 | 727.617 | 0.999 | 14.747 |
| 9/7/2018 12:00 | 136800 | 11.385 | 17.047 | 26.288 | 1374.322 | 1620.485 | 0.825 | 1.102 | 727.632 | 0.999 | 14.754 |
| 9/7/2018 12:15 | 137700 | 11.389 | 17.047 | 26.298 | 1374.147 | 1620.257 | 0.825 | 1.102 | 727.724 | 0.999 | 14.749 |
| 9/7/2018 12:30 | 138600 | 11.39 | 17.047 | 26.298 | 1374.194 | 1620.334 | 0.825 | 1.102 | 727.7 | 0.999 | 14.747 |
| 9/7/2018 12:45 | 139500 | 11.393 | 17.047 | 26.305 | 1374.186 | 1620.29 | 0.825 | 1.102 | 727.746 | 0.999 | 14.744 |
| 9/7/2018 13:00 | 140400 | 11.391 | 17.047 | 26.302 | 1373.999 | 1620.095 | 0.825 | 1.102 | 727.802 | 0.999 | 14.743 |
| 9/7/2018 13:15 | 141300 | 11.39 | 17.047 | 26.3 | 1373.959 | 1620.064 | 0.825 | 1.102 | 727.824 | 0.999 | 14.743 |
| 9/7/2018 13:30 | 142200 | 11.384 | 17.047 | 26.286 | 1374.108 | 1620.23 | 0.825 | 1.102 | 727.745 | 0.999 | 14.749 |
| 9/7/2018 13:45 | 143100 | 11.388 | 17.047 | 26.295 | 1374.125 | 1620.253 | 0.825 | 1.102 | 727.736 | 0.999 | 14.744 |
| 9/7/2018 14:00 | 144000 | 11.387 | 17.047 | 26.293 | 1373.85 | 1619.913 | 0.825 | 1.102 | 727.882 | 0.999 | 14.742 |
| 9/7/2018 14:15 | 144900 | 11.392 | 17.047 | 26.303 | 1373.876 | 1619.943 | 0.825 | 1.102 | 727.868 | 0.999 | 14.74 |
| 9/7/2018 14:30 | 145800 | 11.388 | 17.047 | 26.295 | 1373.741 | 1619.782 | 0.824 | 1.101 | 727.939 | 0.999 | 14.74 |
| 9/7/2018 14:45 | 146700 | 11.392 | 17.047 | 26.304 | 1373.685 | 1619.724 | 0.824 | 1.101 | 727.969 | 0.999 | 14.737 |
| 9/7/2018 15:00 | 147600 | 11.388 | 17.047 | 26.295 | 1373.538 | 1619.558 | 0.824 | 1.101 | 728.047 | 0.999 | 14.741 |
| 9/7/2018 15:15 | 148500 | 11.388 | 17.047 | 26.294 | 1373.519 | 1619.523 | 0.824 | 1.101 | 728.057 | 0.999 | 14.741 |
| 9/7/2018 15:30 | 149400 | 11.392 | 17.047 | 26.303 | 1373.406 | 1619.396 | 0.824 | 1.101 | 728.117 | 0.999 | |

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|----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/8/2018 23:15 | 263700 | 11.397 | 17.047 | 26.314 | 1364.561 | 1608.966 | 0.819 | 1.094 | 732.837 | 0.999 | 14.688 |
| 9/8/2018 23:30 | 264600 | 11.395 | 17.046 | 26.311 | 1364.372 | 1608.766 | 0.819 | 1.094 | 732.938 | 0.999 | 14.689 |
| 9/8/2018 23:45 | 265500 | 11.392 | 17.046 | 26.303 | 1364.374 | 1608.775 | 0.819 | 1.094 | 732.937 | 0.999 | 14.693 |
| 9/9/2018 0:00 | 266400 | 11.394 | 17.046 | 26.309 | 1364.327 | 1608.71 | 0.819 | 1.094 | 732.962 | 0.999 | 14.69 |
| 9/9/2018 0:15 | 267300 | 11.396 | 17.047 | 26.313 | 1364.099 | 1608.438 | 0.818 | 1.094 | 733.084 | 0.999 | 14.689 |
| 9/9/2018 0:30 | 268200 | 11.397 | 17.047 | 26.316 | 1363.989 | 1608.302 | 0.818 | 1.094 | 733.144 | 0.999 | 14.688 |
| 9/9/2018 0:45 | 269100 | 11.398 | 17.046 | 26.317 | 1363.791 | 1608.29 | 0.818 | 1.094 | 733.153 | 0.999 | 14.687 |
| 9/9/2018 1:00 | 270000 | 11.394 | 17.047 | 26.308 | 1363.864 | 1608.161 | 0.818 | 1.094 | 733.211 | 0.999 | 14.686 |
| 9/9/2018 1:15 | 270900 | 11.401 | 17.047 | 26.325 | 1363.765 | 1608.038 | 0.818 | 1.093 | 733.264 | 0.999 | 14.682 |
| 9/9/2018 1:30 | 271800 | 11.402 | 17.046 | 26.326 | 1363.785 | 1608.071 | 0.818 | 1.093 | 733.254 | 0.999 | 14.68 |
| 9/9/2018 1:45 | 272700 | 11.396 | 17.047 | 26.312 | 1363.603 | 1607.853 | 0.818 | 1.093 | 733.351 | 0.999 | 14.686 |
| 9/9/2018 2:00 | 273600 | 11.398 | 17.046 | 26.318 | 1363.347 | 1607.561 | 0.818 | 1.093 | 733.489 | 0.999 | 14.682 |
| 9/9/2018 2:15 | 274500 | 11.394 | 17.046 | 26.319 | 1363.308 | 1607.526 | 0.818 | 1.093 | 733.501 | 0.999 | 14.687 |
| 9/9/2018 2:30 | 275400 | 11.398 | 17.047 | 26.317 | 1363.178 | 1607.34 | 0.818 | 1.093 | 733.58 | 0.999 | 14.682 |
| 9/9/2018 2:45 | 276300 | 11.396 | 17.046 | 26.313 | 1363.051 | 1607.211 | 0.818 | 1.093 | 733.648 | 0.999 | 14.682 |
| 9/9/2018 3:00 | 277200 | 11.397 | 17.046 | 26.314 | 1362.94 | 1607.081 | 0.818 | 1.093 | 733.708 | 0.999 | 14.682 |
| 9/9/2018 3:15 | 278100 | 11.398 | 17.047 | 26.317 | 1362.82 | 1606.924 | 0.818 | 1.093 | 733.772 | 0.999 | 14.681 |
| 9/9/2018 3:30 | 279000 | 11.396 | 17.047 | 26.313 | 1362.674 | 1606.758 | 0.818 | 1.093 | 733.851 | 0.999 | 14.683 |
| 9/9/2018 3:45 | 279900 | 11.4 | 17.046 | 26.322 | 1362.606 | 1606.693 | 0.817 | 1.093 | 733.882 | 0.999 | 14.678 |
| 9/9/2018 4:00 | 280800 | 11.396 | 17.047 | 26.312 | 1362.248 | 1606.246 | 0.817 | 1.092 | 734.081 | 0.999 | 14.682 |
| 9/9/2018 4:15 | 281700 | 11.401 | 17.046 | 26.324 | 1362.273 | 1606.291 | 0.817 | 1.092 | 734.068 | 0.999 | 14.678 |
| 9/9/2018 4:30 | 282600 | 11.393 | 17.046 | 26.305 | 1362.098 | 1606.088 | 0.817 | 1.092 | 734.162 | 0.999 | 14.687 |
| 9/9/2018 4:45 | 283500 | 11.398 | 17.047 | 26.318 | 1361.762 | 1605.683 | 0.817 | 1.092 | 734.342 | 0.999 | 14.682 |
| 9/9/2018 5:00 | 284400 | 11.403 | 17.047 | 26.328 | 1361.589 | 1605.479 | 0.817 | 1.092 | 734.436 | 0.999 | 14.677 |
| 9/9/2018 5:15 | 285300 | 11.398 | 17.046 | 26.319 | 1361.363 | 1605.215 | 0.817 | 1.092 | 734.558 | 0.999 | 14.681 |
| 9/9/2018 5:30 | 286200 | 11.401 | 17.046 | 26.325 | 1361.208 | 1605.042 | 0.817 | 1.091 | 734.642 | 0.999 | 14.678 |
| 9/9/2018 5:45 | 287100 | 11.399 | 17.047 | 26.321 | 1361.09 | 1604.89 | 0.817 | 1.091 | 734.705 | 0.999 | 14.68 |
| 9/9/2018 6:00 | 288000 | 11.393 | 17.047 | 26.307 | 1360.867 | 1604.624 | 0.816 | 1.091 | 734.826 | 0.999 | 14.688 |
| 9/9/2018 6:15 | 288900 | 11.4 | 17.046 | 26.322 | 1360.478 | 1604.174 | 0.816 | 1.091 | 735.036 | 0.999 | 14.682 |
| 9/9/2018 6:30 | 289800 | 11.395 | 17.047 | 26.31 | 1360.474 | 1604.163 | 0.816 | 1.091 | 735.038 | 0.999 | 14.688 |
| 9/9/2018 6:45 | 290700 | 11.4 | 17.047 | 26.303 | 1360.322 | 1603.979 | 0.816 | 1.091 | 735.131 | 0.999 | 14.693 |
| 9/9/2018 7:00 | 291600 | 11.396 | 17.047 | 26.312 | 1360.133 | 1603.756 | 0.816 | 1.091 | 735.222 | 0.999 | 14.689 |
| 9/9/2018 7:15 | 292500 | 11.404 | 17.046 | 26.332 | 1359.912 | 1603.504 | 0.816 | 1.09 | 735.342 | 0.999 | 14.681 |
| 9/9/2018 7:30 | 293400 | 11.399 | 17.046 | 26.319 | 1359.876 | 1603.472 | 0.816 | 1.09 | 735.361 | 0.999 | 14.689 |
| 9/9/2018 7:45 | 294300 | 11.395 | 17.047 | 26.311 | 1359.875 | 1603.425 | 0.816 | 1.09 | 735.375 | 0.999 | 14.694 |
| 9/9/2018 8:00 | 295200 | 11.397 | 17.047 | 26.316 | 1359.564 | 1603.087 | 0.816 | 1.09 | 735.53 | 0.999 | 14.692 |
| 9/9/2018 8:15 | 296100 | 11.399 | 17.047 | 26.317 | 1359.627 | 1603.162 | 0.816 | 1.09 | 735.496 | 0.999 | 14.693 |
| 9/9/2018 8:30 | 297000 | 11.398 | 17.046 | 26.317 | 1359.468 | 1602.984 | 0.816 | 1.09 | 735.582 | 0.999 | 14.695 |
| 9/9/2018 8:45 | 297900 | 11.398 | 17.046 | 26.319 | 1359.243 | 1602.722 | 0.815 | 1.09 | 735.703 | 0.999 | 14.695 |
| 9/9/2018 9:00 | 298800 | 11.397 | 17.047 | 26.316 | 1359.004 | 1602.427 | 0.815 | 1.09 | 735.833 | 0.999 | 14.696 |
| 9/9/2018 9:15 | 299700 | 11.397 | 17.047 | 26.315 | 1359.132 | 1602.582 | 0.815 | 1.09 | 735.764 | 0.999 | 14.696 |
| 9/9/2018 9:30 | 300600 | 11.395 | 17.046 | 26.311 | 1358.985 | 1602.414 | 0.815 | 1.09 | 735.844 | 0.999 | 14.698 |
| 9/9/2018 9:45 | 301500 | 11.402 | 17.046 | 26.328 | 1358.961 | 1602.387 | 0.815 | 1.09 | 735.856 | 0.999 | 14.692 |
| 9/9/2018 10:00 | 302400 | 11.403 | 17.046 | 26.324 | 1358.907 | 1602.319 | 0.815 | 1.09 | 735.885 | 0.999 | 14.693 |
| 9/9/2018 10:15 | 303300 | 11.395 | 17.046 | 26.31 | 1358.76 | 1602.162 | 0.815 | 1.089 | 735.965 | 0.999 | 14.698 |
| 9/9/2018 10:30 | 304200 | 11.4 | 17.047 | 26.323 | 1358.659 | 1602.014 | 0.815 | 1.089 | 736.02 | 0.999 | 14.692 |
| 9/9/2018 10:45 | 305100 | 11.398 | 17.046 | 26.317 | 1358.422 | 1601.767 | 0.815 | 1.089 | 736.148 | 0.999 | 14.693 |
| 9/9/2018 11:00 | 306000 | 11.395 | 17.046 | 26.311 | 1358.522 | 1601.865 | 0.815 | 1.089 | 736.094 | 0.999 | 14.693 |
| 9/9/2018 11:15 | 306900 | 11.398 | 17.047 | 26.317 | 1358.486 | 1601.813 | 0.815 | 1.089 | 736.114 | 0.999 | 14.689 |
| 9/9/2018 11:30 | 307800 | 11.394 | 17.046 | 26.308 | 1358.369 | 1601.698 | 0.815 | 1.089 | 736.177 | 0.999 | 14.692 |
| 9/9/2018 11:45 | 308700 | 11.396 | 17.046 | 26.314 | 1358.213 | 1601.504 | 0.815 | 1.089 | 736.262 | 0.999 | 14.687 |
| 9/9/2018 12:00 | 309600 | 11.392 | 17.046 | 26.305 | 1358.034 | 1601.293 | 0.815 | 1.089 | 736.359 | 0.999 | 14.692 |
| 9/9/2018 12:15 | 310500 | 11.394 | 17.047 | 26.309 | 1358.14 | 1601.411 | 0.815 | 1.089 | 736.301 | 0.999 | 14.689 |
| 9/9/2018 12:30 | 311400 | 11.395 | 17.047 | 26.311 | 1358.028 | 1601.273 | 0.815 | 1.089 | 736.362 | 0.999 | 14.689 |
| 9/9/2018 12:45 | 312300 | 11.396 | 17.047 | 26.312 | 1357.788 | 1600.987 | 0.814 | 1.089 | 736.492 | 0.999 | 14.687 |
| 9/9/2018 13:00 | 313200 | 11.4 | 17.046 | 26.322 | 1357.795 | 1601.012 | 0.814 | 1.089 | 736.488 | 0.999 | 14.689 |
| 9/9/2018 13:15 | 314100 | 11.395 | 17.047 | 26.31 | 1357.791 | 1600.984 | 0.814 | 1.089 | 736.49 | 0.999 | 14.69 |
| 9/9/2018 13:30 | 315000 | 11.392 | 17.046 | 26.304 | 1357.703 | 1600.906 | 0.814 | 1.089 | 736.538 | 0.999 | 14.692 |
| 9/9/2018 13:45 | 315900 | 11.395 | 17.046 | 26.312 | 1357.552 | 1600.731 | 0.814 | 1.088 | 736.62 | 0.999 | 14.688 |
| 9/9/2018 14:00 | 316800 | 11.392 | 17.047 | 26.303 | 1357.361 | 1600.487 | 0.814 | 1.088 | 736.724 | 0.999 | 14.691 |
| 9/9/2018 14:15 | 317700 | 11.398 | 17.046 | 26.318 | 1357.315 | 1600.452 | 0.814 | 1.088 | 736.749 | 0.999 | 14.685 |
| 9/9/2018 14:30 | 318600 | 11.395 | 17.046 | 26.31 | 1357.35 | 1600.494 | 0.814 | 1.088 | 736.729 | 0.999 | 14.687 |
| 9/9/2018 14:45 | 319500 | 11.391 | 17.047 | 26.301 | 1357.371 | 1600.498 | 0.814 | 1.088 | 736.718 | 0.999 | 14.689 |
| 9/9/2018 15:00 | 320400 | 11.398 | 17.047 | 26.319 | 1357.13 | 1600.214 | 0.814 | 1.088 | 736.849 | 0.999 | 14.681 |
| 9/9/2018 15:15 | 321300 | 11.399 | 17.047 | 26.321 | 1357.051 | 1600.122 | 0.814 | 1.088 | 736.892 | 0.999 | 14.679 |
| 9/9/2018 15:30 | 322200 | 11.401 | 17.047 | 26.325 | 1357.044 | 1600.12 | 0.814 | 1.088 | 736.896 | 0.999 | 14.675 |
| 9/9/2018 15:45 | 323100 | 11.4 | 17.047 | 26.322 | 1356.92 | 1599.96 | 0.814 | 1.088 | 736.963 | 0.999 | 14.674 |
| 9/9/2018 16:00 | 324000 | 11.394 | 17.047 | 26.309 | 1356.797 | 1599.83 | 0.814 | 1.088 | 737.029 | 0.999 | 14.679 |
| 9/9/2018 16:15 | 324900 | 11.391 | 17.047 | 26.301 | 1356.744 | 1599.753 | 0.814 | 1.088 | 737.059 | 0.999 | 14.683 |
| 9/9/2018 16:30 | 325800 | 11.395 | 17.047 | 26.31 | 1356.622 | 1599.619 | 0.814 | 1.088 | 737.125 | 0.999 | 14.678 |
| 9/9/2018 16:45 | 326700 | 11.396 | 17.047 | 26.313 | 1356.603 | 1599.593 | 0.814 | 1.088 | 737.136 | 0.999 | 14.676 |
| 9/9/2018 17:00 | 327600 | 11.401 | 17.047 | 26.326 | 1356.522 | 1599.479 | 0.814 | 1.088 | 737.18 | 0.999 | 14.673 |
| 9/9/2018 17:15 | 328500 | 11.401 | 17.047 | 26.324 | 1356.497 | 1599.452 | 0.814 | 1.088 | 737.193 | 0.999 | 14.673 |
| 9/9/2018 17:30 | 329400 | 11.403 | 17.046 | 26.322 | 1356.497 | 1599.48 | 0.814 | 1.088 | 737.193 | 0.999 | 14.671 |
| 9/9/2018 17:45 | 330300 | 11.401 | 17.047 | 26.325 | 1356.503 | 1599.482 | 0.814 | 1.088 | 737.19 | 0.999 | 14.671 |
| 9/9/2018 18:00 | 331200 | 11.401 | 17.047 | 26.325 | 1356.222 | 1599.137 | 0.813 | 1.087 | 737.343 | 0.999 | 14.672 |
| 9/9/2018 18:15 | 332100 | 11.402 | 17.047 | 26.326 | 1356.236 | 1599.163 | 0.813 | 1.087 | 737.335 | 0.999 | 14.669 |
| 9/9/2018 18:30 | 333000 | 11.41 | 17.047 | 26.345 | 1356.26 | 1599.195 | 0.813 | 1.087 | 737.322 | 0.999 | 14.662 |
| 9/9/2018 18:45 | 333900 | 11.406 | 17.047 | 26.337 | 1356.208 | 1599.131 | 0.813 | 1.087 | 737.35 | 0.999 | 14.665 |
| 9/9/2018 19:00 | 334800 | 11.411 | 17.047 | 26.347 | 1356.083 | 1598.986 | 0.813 | 1.087 | 737.418 | 0.999 | 14.666 |
| 9/9/2018 19:15 | 335700 | 11.404 | 17.047 | 26.332 | 1355.978 | 1598.853 | 0.813 | 1.087 | 737.475 | 0.999 | 14.666 |
| 9/9/2018 19:30 | 336600 | 11.404 | 17.046 | 26.332 | 1355.905 | 1598.785 | 0.813 | 1.087 | 737.515 | 0.999 | 14.665 |
| 9/9/2018 19:45 | 337500 | 11.405 | 17.047 | 26.333 | 1355.811 | 1598.656 | 0.813 | 1.087 | 737.566 | 0.999 | 14.665 |
| 9/9/2018 20:00 | 338400 | 11.402 | 17.047 | 26.328 | 1355.68 | 1598.508 | 0.813 | 1.087 | 737.637 | 0.999 | 14.668 |
| 9/9/2018 20:15 | 339300 | 11.4 | 17.046 | 26.322 | 1355.651 | 1598.483 | 0.813 | | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/11/2018 4:00 | 453600 | 11.39 | 17.046 | 26.298 | 1344.732 | 1585.624 | 0.806 | 1.078 | 743.643 | 0.999 | 14.678 |
| 9/11/2018 4:15 | 454500 | 11.398 | 17.046 | 26.317 | 1344.684 | 1585.576 | 0.806 | 1.078 | 743.669 | 0.999 | 14.677 |
| 9/11/2018 4:30 | 455400 | 11.398 | 17.046 | 26.317 | 1344.433 | 1585.268 | 0.806 | 1.078 | 743.808 | 0.999 | 14.669 |
| 9/11/2018 4:45 | 456300 | 11.396 | 17.046 | 26.312 | 1344.562 | 1585.408 | 0.806 | 1.078 | 743.737 | 0.999 | 14.67 |
| 9/11/2018 5:00 | 457200 | 11.391 | 17.046 | 26.302 | 1344.471 | 1585.328 | 0.806 | 1.078 | 743.787 | 0.999 | 14.675 |
| 9/11/2018 5:15 | 458100 | 11.394 | 17.046 | 26.309 | 1344.527 | 1585.388 | 0.806 | 1.078 | 743.756 | 0.999 | 14.671 |
| 9/11/2018 5:30 | 459000 | 11.395 | 17.046 | 26.311 | 1344.485 | 1585.087 | 0.806 | 1.078 | 743.89 | 0.999 | 14.671 |
| 9/11/2018 5:45 | 459900 | 11.394 | 17.046 | 26.309 | 1344.159 | 1584.942 | 0.806 | 1.078 | 743.959 | 0.999 | 14.673 |
| 9/11/2018 6:00 | 460800 | 11.401 | 17.046 | 26.325 | 1343.886 | 1584.633 | 0.806 | 1.078 | 744.111 | 0.999 | 14.667 |
| 9/11/2018 6:15 | 461700 | 11.399 | 17.046 | 26.32 | 1343.662 | 1584.363 | 0.806 | 1.077 | 744.235 | 0.999 | 14.669 |
| 9/11/2018 6:30 | 462600 | 11.393 | 17.046 | 26.306 | 1343.451 | 1584.116 | 0.805 | 1.077 | 744.352 | 0.999 | 14.676 |
| 9/11/2018 6:45 | 463500 | 11.403 | 17.046 | 26.328 | 1343.052 | 1583.642 | 0.805 | 1.077 | 744.573 | 0.999 | 14.668 |
| 9/11/2018 7:00 | 464400 | 11.395 | 17.046 | 26.312 | 1343.108 | 1583.715 | 0.805 | 1.077 | 744.542 | 0.999 | 14.677 |
| 9/11/2018 7:15 | 465300 | 11.396 | 17.046 | 26.312 | 1342.818 | 1583.374 | 0.805 | 1.077 | 744.702 | 0.999 | 14.68 |
| 9/11/2018 7:30 | 466200 | 11.392 | 17.046 | 26.304 | 1342.667 | 1583.192 | 0.805 | 1.077 | 744.786 | 0.999 | 14.685 |
| 9/11/2018 7:45 | 467100 | 11.395 | 17.046 | 26.31 | 1342.316 | 1582.775 | 0.805 | 1.076 | 744.981 | 0.999 | 14.684 |
| 9/11/2018 8:00 | 468000 | 11.398 | 17.046 | 26.317 | 1342.091 | 1582.503 | 0.805 | 1.076 | 745.106 | 0.999 | 14.683 |
| 9/11/2018 8:15 | 468900 | 11.396 | 17.046 | 26.312 | 1342.12 | 1582.553 | 0.805 | 1.076 | 745.09 | 0.999 | 14.687 |
| 9/11/2018 8:30 | 469800 | 11.392 | 17.046 | 26.305 | 1341.958 | 1582.362 | 0.805 | 1.076 | 745.15 | 0.999 | 14.692 |
| 9/11/2018 8:45 | 470700 | 11.39 | 17.046 | 26.299 | 1341.619 | 1581.962 | 0.804 | 1.076 | 745.368 | 0.999 | 14.695 |
| 9/11/2018 9:00 | 471600 | 11.392 | 17.046 | 26.303 | 1341.6 | 1581.933 | 0.804 | 1.076 | 745.379 | 0.999 | 14.694 |
| 9/11/2018 9:15 | 472500 | 11.392 | 17.046 | 26.303 | 1341.299 | 1581.578 | 0.804 | 1.075 | 745.546 | 0.999 | 14.694 |
| 9/11/2018 9:30 | 473400 | 11.391 | 17.046 | 26.302 | 1341.028 | 1581.25 | 0.804 | 1.075 | 745.696 | 0.999 | 14.694 |
| 9/11/2018 9:45 | 474300 | 11.392 | 17.046 | 26.303 | 1340.936 | 1581.142 | 0.804 | 1.075 | 745.747 | 0.999 | 14.693 |
| 9/11/2018 10:00 | 475200 | 11.39 | 17.046 | 26.3 | 1340.824 | 1581.025 | 0.804 | 1.075 | 745.81 | 0.999 | 14.695 |
| 9/11/2018 10:15 | 476100 | 11.39 | 17.046 | 26.3 | 1340.654 | 1580.818 | 0.804 | 1.075 | 745.904 | 0.999 | 14.693 |
| 9/11/2018 10:30 | 477000 | 11.393 | 17.046 | 26.307 | 1340.532 | 1580.665 | 0.804 | 1.075 | 745.973 | 0.999 | 14.691 |
| 9/11/2018 10:45 | 477900 | 11.389 | 17.046 | 26.297 | 1340.414 | 1580.53 | 0.804 | 1.075 | 746.038 | 0.999 | 14.695 |
| 9/11/2018 11:00 | 478800 | 11.395 | 17.046 | 26.31 | 1340.097 | 1580.149 | 0.803 | 1.075 | 746.215 | 0.999 | 14.689 |
| 9/11/2018 11:15 | 479700 | 11.393 | 17.046 | 26.305 | 1339.766 | 1579.771 | 0.803 | 1.074 | 746.399 | 0.999 | 14.691 |
| 9/11/2018 11:30 | 480600 | 11.39 | 17.046 | 26.299 | 1339.746 | 1579.749 | 0.803 | 1.074 | 746.409 | 0.999 | 14.692 |
| 9/11/2018 11:45 | 481500 | 11.394 | 17.046 | 26.309 | 1339.652 | 1579.625 | 0.803 | 1.074 | 746.463 | 0.999 | 14.688 |
| 9/11/2018 12:00 | 482400 | 11.394 | 17.046 | 26.309 | 1339.564 | 1579.537 | 0.803 | 1.074 | 746.511 | 0.999 | 14.687 |
| 9/11/2018 12:15 | 483300 | 11.392 | 17.046 | 26.305 | 1339.467 | 1579.397 | 0.803 | 1.074 | 746.565 | 0.999 | 14.687 |
| 9/11/2018 12:30 | 484200 | 11.392 | 17.046 | 26.303 | 1339.159 | 1579.055 | 0.803 | 1.074 | 746.737 | 0.999 | 14.687 |
| 9/11/2018 12:45 | 485100 | 11.401 | 17.046 | 26.325 | 1338.89 | 1578.744 | 0.803 | 1.074 | 746.887 | 0.999 | 14.676 |
| 9/11/2018 13:00 | 486000 | 11.398 | 17.046 | 26.297 | 1338.834 | 1578.664 | 0.803 | 1.073 | 746.918 | 0.999 | 14.688 |
| 9/11/2018 13:15 | 486900 | 11.395 | 17.046 | 26.311 | 1338.925 | 1578.768 | 0.803 | 1.073 | 746.868 | 0.999 | 14.682 |
| 9/11/2018 13:30 | 487800 | 11.397 | 17.046 | 26.316 | 1338.839 | 1578.666 | 0.803 | 1.073 | 746.916 | 0.999 | 14.679 |
| 9/11/2018 13:45 | 488700 | 11.394 | 17.046 | 26.308 | 1338.806 | 1578.621 | 0.803 | 1.073 | 746.934 | 0.999 | 14.68 |
| 9/11/2018 14:00 | 489600 | 11.389 | 17.046 | 26.296 | 1338.575 | 1578.358 | 0.802 | 1.073 | 747.063 | 0.999 | 14.687 |
| 9/11/2018 14:15 | 490500 | 11.396 | 17.046 | 26.314 | 1338.442 | 1578.198 | 0.802 | 1.073 | 747.137 | 0.999 | 14.679 |
| 9/11/2018 14:30 | 491400 | 11.395 | 17.046 | 26.31 | 1338.409 | 1578.175 | 0.802 | 1.073 | 747.156 | 0.999 | 14.678 |
| 9/11/2018 14:45 | 492300 | 11.402 | 17.046 | 26.327 | 1338.258 | 1577.989 | 0.802 | 1.073 | 747.24 | 0.999 | 14.672 |
| 9/11/2018 15:00 | 493200 | 11.397 | 17.046 | 26.314 | 1338.086 | 1577.785 | 0.802 | 1.073 | 747.336 | 0.999 | 14.676 |
| 9/11/2018 15:15 | 494100 | 11.403 | 17.046 | 26.33 | 1338.366 | 1578.115 | 0.802 | 1.073 | 747.18 | 0.999 | 14.667 |
| 9/11/2018 15:30 | 495000 | 11.404 | 17.046 | 26.331 | 1338.301 | 1578.041 | 0.802 | 1.073 | 747.216 | 0.999 | 14.666 |
| 9/11/2018 15:45 | 495900 | 11.402 | 17.046 | 26.327 | 1338.094 | 1577.794 | 0.802 | 1.073 | 747.332 | 0.999 | 14.665 |
| 9/11/2018 16:00 | 496800 | 11.401 | 17.046 | 26.324 | 1337.798 | 1577.445 | 0.802 | 1.073 | 747.497 | 0.999 | 14.665 |
| 9/11/2018 16:15 | 497700 | 11.396 | 17.046 | 26.314 | 1337.799 | 1577.44 | 0.802 | 1.073 | 747.496 | 0.999 | 14.668 |
| 9/11/2018 16:30 | 498600 | 11.395 | 17.046 | 26.31 | 1337.851 | 1577.492 | 0.802 | 1.073 | 747.467 | 0.999 | 14.669 |
| 9/11/2018 16:45 | 499500 | 11.394 | 17.046 | 26.307 | 1337.544 | 1577.151 | 0.802 | 1.072 | 747.639 | 0.999 | 14.67 |
| 9/11/2018 17:00 | 500400 | 11.403 | 17.046 | 26.329 | 1337.389 | 1576.953 | 0.802 | 1.072 | 747.726 | 0.999 | 14.666 |
| 9/11/2018 17:15 | 501300 | 11.401 | 17.046 | 26.326 | 1337.482 | 1577.072 | 0.802 | 1.072 | 747.674 | 0.999 | 14.661 |
| 9/11/2018 17:30 | 502200 | 11.398 | 17.046 | 26.318 | 1337.372 | 1576.93 | 0.802 | 1.072 | 747.735 | 0.999 | 14.664 |
| 9/11/2018 17:45 | 503100 | 11.406 | 17.046 | 26.337 | 1337.218 | 1576.748 | 0.802 | 1.072 | 747.821 | 0.999 | 14.656 |
| 9/11/2018 18:00 | 504000 | 11.398 | 17.046 | 26.319 | 1337.24 | 1576.781 | 0.802 | 1.072 | 747.809 | 0.999 | 14.661 |
| 9/11/2018 18:15 | 504900 | 11.396 | 17.046 | 26.313 | 1337.076 | 1576.584 | 0.801 | 1.072 | 747.9 | 0.999 | 14.663 |
| 9/11/2018 18:30 | 505800 | 11.402 | 17.046 | 26.327 | 1336.983 | 1576.48 | 0.801 | 1.072 | 747.953 | 0.999 | 14.657 |
| 9/11/2018 18:45 | 506700 | 11.403 | 17.046 | 26.329 | 1336.883 | 1576.359 | 0.801 | 1.072 | 748.009 | 0.999 | 14.656 |
| 9/11/2018 19:00 | 507600 | 11.403 | 17.046 | 26.33 | 1336.759 | 1576.219 | 0.801 | 1.072 | 748.078 | 0.999 | 14.655 |
| 9/11/2018 19:15 | 508500 | 11.396 | 17.046 | 26.314 | 1336.71 | 1576.231 | 0.801 | 1.072 | 748.071 | 0.999 | 14.661 |
| 9/11/2018 19:30 | 509400 | 11.395 | 17.046 | 26.311 | 1336.782 | 1576.258 | 0.801 | 1.072 | 748.065 | 0.999 | 14.662 |
| 9/11/2018 19:45 | 510300 | 11.4 | 17.046 | 26.322 | 1336.817 | 1576.289 | 0.801 | 1.072 | 748.045 | 0.999 | 14.657 |
| 9/11/2018 20:00 | 511200 | 11.394 | 17.046 | 26.308 | 1336.658 | 1576.103 | 0.801 | 1.072 | 748.135 | 0.999 | 14.666 |
| 9/11/2018 20:15 | 512100 | 11.4 | 17.046 | 26.322 | 1336.428 | 1575.833 | 0.801 | 1.072 | 748.263 | 0.999 | 14.656 |
| 9/11/2018 20:30 | 513000 | 11.397 | 17.046 | 26.316 | 1336.382 | 1575.784 | 0.801 | 1.072 | 748.289 | 0.999 | 14.662 |
| 9/11/2018 20:45 | 513900 | 11.394 | 17.046 | 26.308 | 1336.346 | 1575.738 | 0.801 | 1.072 | 748.309 | 0.999 | 14.667 |
| 9/11/2018 21:00 | 514800 | 11.389 | 17.046 | 26.298 | 1336.389 | 1575.798 | 0.801 | 1.072 | 748.285 | 0.999 | 14.673 |
| 9/11/2018 21:15 | 515700 | 11.396 | 17.046 | 26.314 | 1336.201 | 1575.562 | 0.801 | 1.071 | 748.39 | 0.999 | 14.667 |
| 9/11/2018 21:30 | 516600 | 11.394 | 17.046 | 26.307 | 1335.975 | 1575.298 | 0.801 | 1.071 | 748.517 | 0.999 | 14.671 |
| 9/11/2018 21:45 | 517500 | 11.391 | 17.046 | 26.302 | 1335.869 | 1575.171 | 0.801 | 1.071 | 748.576 | 0.999 | 14.676 |
| 9/11/2018 22:00 | 518400 | 11.392 | 17.046 | 26.305 | 1335.982 | 1575.309 | 0.801 | 1.071 | 748.513 | 0.999 | 14.675 |
| 9/11/2018 22:15 | 519300 | 11.387 | 17.046 | 26.287 | 1335.961 | 1575.268 | 0.801 | 1.071 | 748.525 | 0.999 | 14.682 |
| 9/11/2018 22:30 | 520200 | 11.392 | 17.046 | 26.304 | 1336.068 | 1575.423 | 0.801 | 1.071 | 748.465 | 0.999 | 14.677 |
| 9/11/2018 22:45 | 521100 | 11.391 | 17.046 | 26.3 | 1335.916 | 1575.22 | 0.801 | 1.071 | 748.55 | 0.999 | 14.678 |
| 9/11/2018 23:00 | 522000 | 11.391 | 17.046 | 26.302 | 1335.834 | 1575.148 | 0.801 | 1.071 | 748.596 | 0.999 | 14.68 |
| 9/11/2018 23:15 | 522900 | 11.392 | 17.046 | 26.304 | 1335.932 | 1575.25 | 0.801 | 1.071 | 748.541 | 0.999 | 14.678 |
| 9/11/2018 23:30 | 523800 | 11.397 | 17.046 | 26.316 | 1335.705 | 1574.978 | 0.801 | 1.071 | 748.668 | 0.999 | 14.676 |
| 9/11/2018 23:45 | 524700 | 11.386 | 17.046 | 26.291 | 1335.664 | 1574.886 | 0.8 | 1.071 | 748.803 | 0.999 | 14.686 |
| 9/12/2018 0:00 | 525600 | 11.394 | 17.046 | 26.308 | 1335.66 | 1574.921 | 0.801 | 1.071 | 748.893 | 0.999 | 14.679 |
| 9/12/2018 0:15 | 526500 | 11.397 | 17.046 | 26.315 | 1335.443 | 1574.679 | 0.8 | 1.071 | 748.815 | 0.999 | 14.674 |
| 9/12/2018 0:30 | 527400 | 11.386 | 17.046 | 26.289 | 1335.439 | 1574.679 | 0.8 | 1.071 | 748.817 | 0.999 | 14.686 |
| 9/12/2018 0:45 | 528300 | 11.385 | 17.046 | 26.289 | 1335.414 | 1574.628 | 0.8 | 1.071 | 748.831 | 0.999 | 14.685 |
| 9/12/2018 1:00 | 529200 | 11.392 | 17.046 | 26.304 | 1335.506 | 1574.742 | | | | | |

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|-----------------|--------|-------|-------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/13/2018 8:45 | 643500 | 11379 | 17046 | 26.273 | 1321.503 | 1558.242 | 0.792 | 1.06 | 756.714 | 0.999 | 14.743 |
| 9/13/2018 9:00 | 644400 | 11383 | 17046 | 26.284 | 1321.378 | 1558.102 | 0.792 | 1.06 | 756.786 | 0.999 | 14.739 |
| 9/13/2018 9:15 | 645300 | 11383 | 17046 | 26.282 | 1321.245 | 1557.942 | 0.792 | 1.059 | 756.862 | 0.999 | 14.741 |
| 9/13/2018 9:30 | 646200 | 11391 | 17045 | 26.302 | 1321.043 | 1557.725 | 0.791 | 1.059 | 756.978 | 0.999 | 14.732 |
| 9/13/2018 9:45 | 647100 | 11384 | 17046 | 26.286 | 1320.913 | 1557.553 | 0.791 | 1.059 | 757.052 | 0.999 | 14.741 |
| 9/13/2018 10:00 | 648000 | 11383 | 17045 | 26.284 | 1320.835 | 1557.483 | 0.791 | 1.059 | 757.097 | 0.999 | 14.741 |
| 9/13/2018 10:15 | 648900 | 11383 | 17045 | 26.283 | 1320.819 | 1557.458 | 0.791 | 1.059 | 757.106 | 0.999 | 14.742 |
| 9/13/2018 10:30 | 649800 | 11383 | 17045 | 26.283 | 1320.795 | 1557.427 | 0.791 | 1.059 | 757.12 | 0.999 | 14.743 |
| 9/13/2018 10:45 | 650700 | 11388 | 17045 | 26.294 | 1320.371 | 1556.921 | 0.791 | 1.059 | 757.363 | 0.999 | 14.742 |
| 9/13/2018 11:00 | 651600 | 11383 | 17045 | 26.283 | 1320.281 | 1556.814 | 0.791 | 1.059 | 757.415 | 0.999 | 14.746 |
| 9/13/2018 11:15 | 652500 | 11385 | 17045 | 26.287 | 1320.148 | 1556.654 | 0.791 | 1.059 | 757.491 | 0.999 | 14.745 |
| 9/13/2018 11:30 | 653400 | 11385 | 17046 | 26.287 | 1319.947 | 1556.408 | 0.791 | 1.058 | 757.606 | 0.999 | 14.746 |
| 9/13/2018 11:45 | 654300 | 11379 | 17045 | 26.273 | 1319.771 | 1556.22 | 0.791 | 1.058 | 757.704 | 0.999 | 14.752 |
| 9/13/2018 12:00 | 655200 | 1139 | 17045 | 26.298 | 1319.615 | 1556.025 | 0.791 | 1.058 | 757.797 | 0.999 | 14.74 |
| 9/13/2018 12:15 | 656100 | 11385 | 17046 | 26.289 | 1319.532 | 1555.925 | 0.79 | 1.058 | 757.844 | 0.999 | 14.744 |
| 9/13/2018 12:30 | 657000 | 11386 | 17045 | 26.29 | 1319.493 | 1555.885 | 0.79 | 1.058 | 757.867 | 0.999 | 14.743 |
| 9/13/2018 12:45 | 657900 | 11389 | 17046 | 26.297 | 1319.201 | 1555.532 | 0.79 | 1.058 | 758.034 | 0.999 | 14.74 |
| 9/13/2018 13:00 | 658800 | 11383 | 17045 | 26.283 | 1318.789 | 1555.068 | 0.79 | 1.057 | 758.271 | 0.999 | 14.745 |
| 9/13/2018 13:15 | 659700 | 11387 | 17045 | 26.293 | 1318.545 | 1554.791 | 0.79 | 1.057 | 758.4 | 0.999 | 14.741 |
| 9/13/2018 13:30 | 660600 | 11387 | 17046 | 26.293 | 1318.304 | 1554.474 | 0.79 | 1.057 | 758.55 | 0.999 | 14.739 |
| 9/13/2018 13:45 | 661500 | 11387 | 17045 | 26.291 | 1318.244 | 1554.413 | 0.79 | 1.057 | 758.585 | 0.999 | 14.74 |
| 9/13/2018 14:00 | 662400 | 11388 | 17046 | 26.294 | 1318.016 | 1554.137 | 0.79 | 1.057 | 758.716 | 0.999 | 14.738 |
| 9/13/2018 14:15 | 663300 | 11387 | 17045 | 26.293 | 1317.821 | 1553.911 | 0.789 | 1.057 | 758.828 | 0.999 | 14.737 |
| 9/13/2018 14:30 | 664200 | 1139 | 17046 | 26.3 | 1317.431 | 1553.435 | 0.789 | 1.056 | 759.053 | 0.999 | 14.736 |
| 9/13/2018 14:45 | 665100 | 11388 | 17046 | 26.294 | 1317.222 | 1553.202 | 0.789 | 1.056 | 759.173 | 0.999 | 14.734 |
| 9/13/2018 15:00 | 666000 | 11393 | 17046 | 26.306 | 1317.249 | 1553.233 | 0.789 | 1.056 | 759.158 | 0.999 | 14.729 |
| 9/13/2018 15:15 | 666900 | 1139 | 17046 | 26.298 | 1316.983 | 1552.916 | 0.789 | 1.056 | 759.312 | 0.999 | 14.723 |
| 9/13/2018 15:30 | 667800 | 11391 | 17046 | 26.301 | 1316.546 | 1552.398 | 0.789 | 1.056 | 759.563 | 0.999 | 14.727 |
| 9/13/2018 15:45 | 668700 | 11394 | 17046 | 26.309 | 1316.458 | 1552.291 | 0.789 | 1.056 | 759.614 | 0.999 | 14.722 |
| 9/13/2018 16:00 | 669600 | 1139 | 17045 | 26.298 | 1316.414 | 1552.254 | 0.789 | 1.056 | 759.64 | 0.999 | 14.726 |
| 9/13/2018 16:15 | 670500 | 11387 | 17045 | 26.293 | 1316.299 | 1552.116 | 0.788 | 1.055 | 759.706 | 0.999 | 14.726 |
| 9/13/2018 16:30 | 671400 | 11395 | 17046 | 26.311 | 1315.931 | 1551.679 | 0.788 | 1.055 | 759.918 | 0.999 | 14.716 |
| 9/13/2018 16:45 | 672300 | 11397 | 17046 | 26.314 | 1315.636 | 1551.331 | 0.788 | 1.055 | 760.089 | 0.999 | 14.714 |
| 9/13/2018 17:00 | 673200 | 11395 | 17046 | 26.311 | 1315.478 | 1551.131 | 0.788 | 1.055 | 760.18 | 0.999 | 14.713 |
| 9/13/2018 17:15 | 674100 | 11396 | 17046 | 26.313 | 1315.416 | 1551.065 | 0.788 | 1.055 | 760.216 | 0.999 | 14.712 |
| 9/13/2018 17:30 | 675000 | 11394 | 17046 | 26.308 | 1315.191 | 1550.803 | 0.788 | 1.055 | 760.346 | 0.999 | 14.711 |
| 9/13/2018 17:45 | 675900 | 11396 | 17045 | 26.296 | 1314.973 | 1550.547 | 0.788 | 1.054 | 760.47 | 0.999 | 14.716 |
| 9/13/2018 18:00 | 676800 | 11396 | 17046 | 26.313 | 1314.824 | 1550.364 | 0.788 | 1.054 | 760.558 | 0.999 | 14.709 |
| 9/13/2018 18:15 | 677700 | 11396 | 17046 | 26.314 | 1314.774 | 1550.315 | 0.787 | 1.054 | 760.587 | 0.999 | 14.707 |
| 9/13/2018 18:30 | 678600 | 11399 | 17046 | 26.319 | 1314.489 | 1549.958 | 0.787 | 1.054 | 760.752 | 0.999 | 14.706 |
| 9/13/2018 18:45 | 679500 | 11395 | 17046 | 26.311 | 1314.356 | 1549.822 | 0.787 | 1.054 | 760.829 | 0.999 | 14.708 |
| 9/13/2018 19:00 | 680400 | 11399 | 17046 | 26.32 | 1314.265 | 1549.707 | 0.787 | 1.054 | 760.882 | 0.999 | 14.704 |
| 9/13/2018 19:15 | 681300 | 11394 | 17046 | 26.308 | 1314.235 | 1549.67 | 0.787 | 1.054 | 760.899 | 0.999 | 14.707 |
| 9/13/2018 19:30 | 682200 | 11392 | 17045 | 26.305 | 1313.977 | 1549.381 | 0.787 | 1.054 | 761.048 | 0.999 | 14.709 |
| 9/13/2018 19:45 | 683100 | 11387 | 17046 | 26.293 | 1313.934 | 1549.324 | 0.787 | 1.054 | 761.073 | 0.999 | 14.713 |
| 9/13/2018 20:00 | 684000 | 11389 | 17046 | 26.297 | 1313.718 | 1549.063 | 0.787 | 1.053 | 761.198 | 0.999 | 14.712 |
| 9/13/2018 20:15 | 684900 | 11387 | 17045 | 26.293 | 1313.423 | 1548.725 | 0.787 | 1.053 | 761.369 | 0.999 | 14.713 |
| 9/13/2018 20:30 | 685800 | 11383 | 17046 | 26.284 | 1313.438 | 1548.74 | 0.787 | 1.053 | 761.361 | 0.999 | 14.717 |
| 9/13/2018 20:45 | 686700 | 11386 | 17046 | 26.29 | 1313.436 | 1548.73 | 0.787 | 1.053 | 761.362 | 0.999 | 14.717 |
| 9/13/2018 21:00 | 687600 | 11389 | 17046 | 26.298 | 1313.218 | 1548.47 | 0.787 | 1.053 | 761.488 | 0.999 | 14.713 |
| 9/13/2018 21:15 | 688500 | 11383 | 17045 | 26.284 | 1313.073 | 1548.321 | 0.786 | 1.053 | 761.573 | 0.999 | 14.72 |
| 9/13/2018 21:30 | 689400 | 11383 | 17046 | 26.282 | 1312.922 | 1548.124 | 0.786 | 1.053 | 761.66 | 0.999 | 14.723 |
| 9/13/2018 21:45 | 690300 | 11385 | 17046 | 26.288 | 1312.869 | 1548.069 | 0.786 | 1.053 | 761.69 | 0.999 | 14.72 |
| 9/13/2018 22:00 | 691200 | 11392 | 17045 | 26.304 | 1312.735 | 1547.919 | 0.786 | 1.053 | 761.768 | 0.999 | 14.714 |
| 9/13/2018 22:15 | 692100 | 11394 | 17046 | 26.308 | 1312.66 | 1547.822 | 0.786 | 1.053 | 761.812 | 0.999 | 14.712 |
| 9/13/2018 22:30 | 693000 | 11389 | 17045 | 26.297 | 1312.518 | 1547.661 | 0.786 | 1.052 | 761.894 | 0.999 | 14.716 |
| 9/13/2018 22:45 | 693900 | 11387 | 17045 | 26.293 | 1312.422 | 1547.55 | 0.786 | 1.052 | 761.95 | 0.999 | 14.717 |
| 9/13/2018 23:00 | 694800 | 11393 | 17045 | 26.305 | 1312.324 | 1547.432 | 0.786 | 1.052 | 762.007 | 0.999 | 14.71 |
| 9/13/2018 23:15 | 695700 | 1139 | 17045 | 26.299 | 1312.071 | 1547.14 | 0.786 | 1.052 | 762.154 | 0.999 | 14.712 |
| 9/13/2018 23:30 | 696600 | 11385 | 17046 | 26.287 | 1312.037 | 1547.087 | 0.786 | 1.052 | 762.174 | 0.999 | 14.717 |
| 9/13/2018 23:45 | 697500 | 11389 | 17046 | 26.296 | 1311.937 | 1546.969 | 0.786 | 1.052 | 762.232 | 0.999 | 14.714 |
| 9/14/2018 0:00 | 698400 | 11388 | 17046 | 26.295 | 1311.907 | 1546.937 | 0.786 | 1.052 | 762.249 | 0.999 | 14.713 |
| 9/14/2018 0:15 | 699300 | 11385 | 17046 | 26.288 | 1311.713 | 1546.705 | 0.786 | 1.052 | 762.362 | 0.999 | 14.716 |
| 9/14/2018 0:30 | 700200 | 11383 | 17046 | 26.283 | 1311.63 | 1546.607 | 0.786 | 1.052 | 762.41 | 0.999 | 14.718 |
| 9/14/2018 0:45 | 701100 | 11379 | 17045 | 26.274 | 1311.512 | 1546.487 | 0.785 | 1.052 | 762.479 | 0.999 | 14.723 |
| 9/14/2018 1:00 | 702000 | 11378 | 17045 | 26.271 | 1311.415 | 1546.36 | 0.785 | 1.052 | 762.535 | 0.999 | 14.723 |
| 9/14/2018 1:15 | 702900 | 11385 | 17045 | 26.288 | 1311.481 | 1546.438 | 0.785 | 1.052 | 762.497 | 0.999 | 14.717 |
| 9/14/2018 1:30 | 703800 | 11382 | 17045 | 26.283 | 1311.407 | 1546.357 | 0.785 | 1.052 | 762.54 | 0.999 | 14.725 |
| 9/14/2018 1:45 | 704700 | 11381 | 17045 | 26.278 | 1311.149 | 1546.062 | 0.785 | 1.051 | 762.69 | 0.999 | 14.722 |
| 9/14/2018 2:00 | 705600 | 11387 | 17046 | 26.293 | 1310.98 | 1545.842 | 0.785 | 1.051 | 762.788 | 0.999 | 14.715 |
| 9/14/2018 2:15 | 706500 | 11381 | 17046 | 26.278 | 1310.899 | 1545.742 | 0.785 | 1.051 | 762.835 | 0.999 | 14.721 |
| 9/14/2018 2:30 | 707400 | 11381 | 17046 | 26.279 | 1310.893 | 1545.738 | 0.785 | 1.051 | 762.839 | 0.999 | 14.722 |
| 9/14/2018 2:45 | 708300 | 11378 | 17045 | 26.271 | 1310.828 | 1545.671 | 0.785 | 1.051 | 762.877 | 0.999 | 14.724 |
| 9/14/2018 3:00 | 709200 | 11385 | 17045 | 26.285 | 1310.625 | 1545.288 | 0.785 | 1.051 | 762.995 | 0.999 | 14.716 |
| 9/14/2018 3:15 | 710100 | 11383 | 17045 | 26.283 | 1310.517 | 1545.304 | 0.785 | 1.051 | 763.057 | 0.999 | 14.716 |
| 9/14/2018 3:30 | 711000 | 11383 | 17045 | 26.283 | 1310.359 | 1545.124 | 0.785 | 1.051 | 763.149 | 0.999 | 14.717 |
| 9/14/2018 3:45 | 711900 | 11381 | 17045 | 26.279 | 1310.126 | 1544.846 | 0.785 | 1.05 | 763.286 | 0.999 | 14.717 |
| 9/14/2018 4:00 | 712800 | 11379 | 17045 | 26.273 | 1309.974 | 1544.657 | 0.784 | 1.05 | 763.374 | 0.999 | 14.719 |
| 9/14/2018 4:15 | 713700 | 11382 | 17045 | 26.28 | 1309.985 | 1544.683 | 0.784 | 1.05 | 763.367 | 0.999 | 14.715 |
| 9/14/2018 4:30 | 714600 | 11383 | 17046 | 26.283 | 1309.926 | 1544.585 | 0.784 | 1.05 | 763.402 | 0.999 | 14.713 |
| 9/14/2018 4:45 | 715500 | 11383 | 17045 | 26.282 | 1309.877 | 1544.544 | 0.784 | 1.05 | 763.43 | 0.999 | 14.713 |
| 9/14/2018 5:00 | 716400 | 11385 | 17045 | 26.287 | 1309.78 | 1544.438 | 0.784 | 1.05 | 763.487 | 0.999 | 14.71 |
| 9/14/2018 5:15 | 717300 | 1139 | 17046 | 26.298 | 1309.724 | 1544.36 | 0.784 | 1.05 | 763.52 | 0.999 | 14.704 |
| 9/14/2018 5:30 | 718200 | 11384 | 17045 | 26.285 | 1309.58 | 1544.196 | 0.784 | 1.05 | 763.604 | 0.999 | 14.708 |
| 9/14/2018 5:45 | 719100 | 11384 | 17045 | 26.286 | 1309.382 | 1543.962 | 0.784 | 1.05 | 763.719 | 0.999 | 14.708 |
| 9/14/2018 6:00 | 720000 | | | | | | | | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/15/2018 13:30 | 833400 | 11.377 | 17.045 | 26.269 | 1291.515 | 1522.915 | 0.773 | 1.036 | 774.285 | 0.999 | 14.72 |
| 9/15/2018 13:45 | 834300 | 11.381 | 17.045 | 26.277 | 1291.498 | 1522.893 | 0.773 | 1.036 | 774.295 | 0.999 | 14.717 |
| 9/15/2018 14:00 | 835200 | 11.373 | 17.045 | 26.259 | 1291.357 | 1522.718 | 0.773 | 1.035 | 774.379 | 0.999 | 14.723 |
| 9/15/2018 14:15 | 836100 | 11.381 | 17.045 | 26.279 | 1291.025 | 1522.335 | 0.773 | 1.035 | 774.578 | 0.999 | 14.713 |
| 9/15/2018 14:30 | 837000 | 11.378 | 17.045 | 26.271 | 1290.906 | 1522.18 | 0.773 | 1.035 | 774.649 | 0.999 | 14.715 |
| 9/15/2018 14:45 | 837900 | 11.383 | 17.045 | 26.283 | 1290.739 | 1522 | 0.772 | 1.035 | 774.75 | 0.999 | 14.71 |
| 9/15/2018 15:00 | 838800 | 11.38 | 17.045 | 26.276 | 1290.445 | 1521.884 | 0.772 | 1.035 | 774.807 | 0.999 | 14.711 |
| 9/15/2018 15:15 | 839700 | 11.382 | 17.045 | 26.28 | 1290.522 | 1521.721 | 0.772 | 1.035 | 774.88 | 0.999 | 14.708 |
| 9/15/2018 15:30 | 840600 | 11.377 | 17.045 | 26.269 | 1290.421 | 1521.608 | 0.772 | 1.035 | 774.941 | 0.999 | 14.711 |
| 9/15/2018 15:45 | 841500 | 11.383 | 17.045 | 26.284 | 1290.185 | 1521.345 | 0.772 | 1.035 | 775.083 | 0.999 | 14.704 |
| 9/15/2018 16:00 | 842400 | 11.382 | 17.045 | 26.281 | 1290.081 | 1521.216 | 0.772 | 1.034 | 775.145 | 0.999 | 14.704 |
| 9/15/2018 16:15 | 843300 | 11.384 | 17.045 | 26.284 | 1289.964 | 1521.086 | 0.772 | 1.034 | 775.216 | 0.999 | 14.7 |
| 9/15/2018 16:30 | 844200 | 11.389 | 17.045 | 26.297 | 1289.856 | 1520.932 | 0.772 | 1.034 | 775.287 | 0.999 | 14.693 |
| 9/15/2018 16:45 | 845100 | 11.383 | 17.045 | 26.283 | 1289.499 | 1520.532 | 0.772 | 1.034 | 775.495 | 0.999 | 14.699 |
| 9/15/2018 17:00 | 846000 | 11.391 | 17.045 | 26.303 | 1289.359 | 1520.365 | 0.772 | 1.034 | 775.579 | 0.999 | 14.691 |
| 9/15/2018 17:15 | 846900 | 11.389 | 17.045 | 26.297 | 1289.232 | 1520.208 | 0.771 | 1.034 | 775.656 | 0.999 | 14.692 |
| 9/15/2018 17:30 | 847800 | 11.387 | 17.045 | 26.291 | 1289.136 | 1520.092 | 0.771 | 1.034 | 775.714 | 0.999 | 14.694 |
| 9/15/2018 17:45 | 848700 | 11.386 | 17.045 | 26.289 | 1288.961 | 1519.898 | 0.771 | 1.034 | 775.819 | 0.999 | 14.694 |
| 9/15/2018 18:00 | 849600 | 11.382 | 17.045 | 26.28 | 1288.704 | 1519.582 | 0.771 | 1.033 | 775.974 | 0.999 | 14.697 |
| 9/15/2018 18:15 | 850500 | 11.385 | 17.045 | 26.286 | 1288.623 | 1519.5 | 0.771 | 1.033 | 776.022 | 0.999 | 14.696 |
| 9/15/2018 18:30 | 851400 | 11.384 | 17.045 | 26.286 | 1288.432 | 1519.278 | 0.771 | 1.033 | 776.137 | 0.999 | 14.693 |
| 9/15/2018 18:45 | 852300 | 11.389 | 17.045 | 26.296 | 1288.306 | 1519.122 | 0.771 | 1.033 | 776.213 | 0.999 | 14.688 |
| 9/15/2018 19:00 | 853200 | 11.391 | 17.045 | 26.302 | 1288.07 | 1518.839 | 0.771 | 1.033 | 776.355 | 0.999 | 14.685 |
| 9/15/2018 19:15 | 854100 | 11.386 | 17.045 | 26.29 | 1287.941 | 1518.693 | 0.771 | 1.033 | 776.433 | 0.999 | 14.692 |
| 9/15/2018 19:30 | 855000 | 11.391 | 17.045 | 26.301 | 1287.994 | 1518.738 | 0.771 | 1.033 | 776.403 | 0.999 | 14.687 |
| 9/15/2018 19:45 | 855900 | 11.378 | 17.045 | 26.272 | 1287.598 | 1518.288 | 0.771 | 1.032 | 776.64 | 0.999 | 14.7 |
| 9/15/2018 20:00 | 856800 | 11.38 | 17.045 | 26.275 | 1287.555 | 1518.24 | 0.77 | 1.032 | 776.666 | 0.999 | 14.701 |
| 9/15/2018 20:15 | 857700 | 11.38 | 17.045 | 26.276 | 1287.406 | 1518.065 | 0.77 | 1.032 | 776.755 | 0.999 | 14.7 |
| 9/15/2018 20:30 | 858600 | 11.384 | 17.045 | 26.286 | 1287.259 | 1517.894 | 0.77 | 1.032 | 776.845 | 0.999 | 14.698 |
| 9/15/2018 20:45 | 859500 | 11.383 | 17.045 | 26.284 | 1286.995 | 1517.59 | 0.77 | 1.032 | 777.003 | 0.999 | 14.7 |
| 9/15/2018 21:00 | 860400 | 11.38 | 17.044 | 26.275 | 1286.843 | 1517.404 | 0.77 | 1.032 | 777.096 | 0.999 | 14.706 |
| 9/15/2018 21:15 | 861300 | 11.382 | 17.045 | 26.28 | 1286.63 | 1517.15 | 0.77 | 1.032 | 777.224 | 0.999 | 14.704 |
| 9/15/2018 21:30 | 862200 | 11.379 | 17.044 | 26.274 | 1286.705 | 1517.255 | 0.77 | 1.032 | 777.179 | 0.999 | 14.708 |
| 9/15/2018 21:45 | 863100 | 11.38 | 17.045 | 26.276 | 1286.647 | 1517.176 | 0.77 | 1.032 | 777.214 | 0.999 | 14.706 |
| 9/15/2018 22:00 | 864000 | 11.386 | 17.045 | 26.291 | 1286.417 | 1516.91 | 0.77 | 1.031 | 777.353 | 0.999 | 14.701 |
| 9/15/2018 22:15 | 864900 | 11.38 | 17.045 | 26.277 | 1286.294 | 1516.756 | 0.77 | 1.031 | 777.427 | 0.999 | 14.707 |
| 9/15/2018 22:30 | 865800 | 11.376 | 17.045 | 26.266 | 1286.105 | 1516.46 | 0.77 | 1.031 | 777.481 | 0.999 | 14.712 |
| 9/15/2018 22:45 | 866700 | 11.387 | 17.045 | 26.291 | 1286.153 | 1516.579 | 0.77 | 1.031 | 777.514 | 0.999 | 14.703 |
| 9/15/2018 23:00 | 867600 | 11.382 | 17.045 | 26.281 | 1285.847 | 1516.218 | 0.769 | 1.031 | 777.697 | 0.999 | 14.707 |
| 9/15/2018 23:15 | 868500 | 11.377 | 17.044 | 26.268 | 1285.797 | 1516.189 | 0.769 | 1.031 | 777.728 | 0.999 | 14.715 |
| 9/15/2018 23:30 | 869400 | 11.381 | 17.045 | 26.279 | 1285.619 | 1515.958 | 0.769 | 1.031 | 777.835 | 0.999 | 14.711 |
| 9/15/2018 23:45 | 870300 | 11.377 | 17.045 | 26.269 | 1285.504 | 1515.819 | 0.769 | 1.031 | 777.905 | 0.999 | 14.713 |
| 9/16/2018 0:00 | 871200 | 11.38 | 17.045 | 26.276 | 1285.406 | 1515.694 | 0.769 | 1.031 | 777.965 | 0.999 | 14.713 |
| 9/16/2018 0:15 | 872100 | 11.379 | 17.044 | 26.274 | 1285.193 | 1515.476 | 0.769 | 1.031 | 778.093 | 0.999 | 14.719 |
| 9/16/2018 0:30 | 873000 | 11.38 | 17.045 | 26.275 | 1285.101 | 1515.353 | 0.769 | 1.03 | 778.149 | 0.999 | 14.712 |
| 9/16/2018 0:45 | 873900 | 11.379 | 17.045 | 26.273 | 1284.935 | 1515.157 | 0.769 | 1.03 | 778.25 | 0.999 | 14.715 |
| 9/16/2018 1:00 | 874800 | 11.381 | 17.045 | 26.277 | 1284.818 | 1515.021 | 0.769 | 1.03 | 778.321 | 0.999 | 14.712 |
| 9/16/2018 1:15 | 875700 | 11.377 | 17.045 | 26.27 | 1284.917 | 1515.142 | 0.769 | 1.03 | 778.26 | 0.999 | 14.717 |
| 9/16/2018 1:30 | 876600 | 11.386 | 17.045 | 26.29 | 1284.721 | 1514.895 | 0.769 | 1.03 | 778.379 | 0.999 | 14.708 |
| 9/16/2018 1:45 | 877500 | 11.38 | 17.044 | 26.276 | 1284.599 | 1514.776 | 0.769 | 1.03 | 778.453 | 0.999 | 14.715 |
| 9/16/2018 2:00 | 878400 | 11.378 | 17.044 | 26.271 | 1284.441 | 1514.587 | 0.769 | 1.03 | 778.549 | 0.999 | 14.717 |
| 9/16/2018 2:15 | 879300 | 11.38 | 17.045 | 26.276 | 1284.271 | 1514.377 | 0.768 | 1.03 | 778.652 | 0.999 | 14.717 |
| 9/16/2018 2:30 | 880200 | 11.381 | 17.044 | 26.278 | 1284.195 | 1514.293 | 0.768 | 1.03 | 778.698 | 0.999 | 14.717 |
| 9/16/2018 2:45 | 881100 | 11.384 | 17.045 | 26.285 | 1284.149 | 1514.227 | 0.768 | 1.03 | 778.726 | 0.999 | 14.714 |
| 9/16/2018 3:00 | 882000 | 11.38 | 17.045 | 26.276 | 1283.919 | 1513.962 | 0.768 | 1.029 | 778.865 | 0.999 | 14.718 |
| 9/16/2018 3:15 | 882900 | 11.382 | 17.045 | 26.28 | 1283.813 | 1513.837 | 0.768 | 1.029 | 778.93 | 0.999 | 14.717 |
| 9/16/2018 3:30 | 883800 | 11.382 | 17.044 | 26.281 | 1283.632 | 1513.629 | 0.768 | 1.029 | 779.04 | 0.999 | 14.724 |
| 9/16/2018 3:45 | 884700 | 11.379 | 17.044 | 26.274 | 1283.676 | 1513.682 | 0.768 | 1.029 | 779.013 | 0.999 | 14.72 |
| 9/16/2018 4:00 | 885600 | 11.386 | 17.045 | 26.29 | 1283.569 | 1513.549 | 0.768 | 1.029 | 779.078 | 0.999 | 14.712 |
| 9/16/2018 4:15 | 886500 | 11.385 | 17.045 | 26.288 | 1283.418 | 1513.371 | 0.768 | 1.029 | 779.169 | 0.999 | 14.714 |
| 9/16/2018 4:30 | 887400 | 11.382 | 17.045 | 26.281 | 1283.397 | 1513.344 | 0.768 | 1.029 | 779.182 | 0.999 | 14.716 |
| 9/16/2018 4:45 | 888300 | 11.384 | 17.045 | 26.286 | 1283.214 | 1513.127 | 0.768 | 1.029 | 779.293 | 0.999 | 14.715 |
| 9/16/2018 5:00 | 889200 | 11.383 | 17.045 | 26.283 | 1283.114 | 1513.007 | 0.768 | 1.029 | 779.354 | 0.999 | 14.716 |
| 9/16/2018 5:15 | 890100 | 11.379 | 17.045 | 26.274 | 1283.164 | 1513.072 | 0.768 | 1.029 | 779.323 | 0.999 | 14.712 |
| 9/16/2018 5:30 | 891000 | 11.384 | 17.044 | 26.286 | 1282.93 | 1512.811 | 0.768 | 1.029 | 779.466 | 0.999 | 14.716 |
| 9/16/2018 5:45 | 891900 | 11.382 | 17.044 | 26.28 | 1282.946 | 1512.821 | 0.768 | 1.029 | 779.456 | 0.999 | 14.72 |
| 9/16/2018 6:00 | 892800 | 11.377 | 17.044 | 26.27 | 1282.71 | 1512.542 | 0.767 | 1.029 | 779.6 | 0.999 | 14.726 |
| 9/16/2018 6:15 | 893700 | 11.387 | 17.045 | 26.292 | 1282.513 | 1512.367 | 0.767 | 1.029 | 779.717 | 0.999 | 14.718 |
| 9/16/2018 6:30 | 894600 | 11.382 | 17.045 | 26.281 | 1282.336 | 1512.099 | 0.767 | 1.028 | 779.827 | 0.999 | 14.724 |
| 9/16/2018 6:45 | 895500 | 11.378 | 17.045 | 26.272 | 1282.309 | 1512.063 | 0.767 | 1.028 | 779.844 | 0.999 | 14.729 |
| 9/16/2018 7:00 | 896400 | 11.382 | 17.044 | 26.281 | 1282.254 | 1512.004 | 0.767 | 1.028 | 779.877 | 0.999 | 14.726 |
| 9/16/2018 7:15 | 897300 | 11.383 | 17.045 | 26.282 | 1282.035 | 1511.743 | 0.767 | 1.028 | 780.01 | 0.999 | 14.722 |
| 9/16/2018 7:30 | 898200 | 11.383 | 17.045 | 26.283 | 1281.986 | 1511.68 | 0.767 | 1.028 | 780.039 | 0.999 | 14.729 |
| 9/16/2018 7:45 | 899100 | 11.379 | 17.045 | 26.279 | 1282.013 | 1511.714 | 0.767 | 1.028 | 780.063 | 0.999 | 14.735 |
| 9/16/2018 8:00 | 900000 | 11.378 | 17.044 | 26.273 | 1281.642 | 1511.282 | 0.767 | 1.028 | 780.249 | 0.999 | 14.737 |
| 9/16/2018 8:15 | 900900 | 11.379 | 17.044 | 26.274 | 1281.52 | 1511.145 | 0.767 | 1.028 | 780.324 | 0.999 | 14.737 |
| 9/16/2018 8:30 | 901800 | 11.384 | 17.044 | 26.285 | 1281.471 | 1511.085 | 0.767 | 1.028 | 780.353 | 0.999 | 14.732 |
| 9/16/2018 8:45 | 902700 | 11.382 | 17.044 | 26.28 | 1281.346 | 1510.943 | 0.767 | 1.027 | 780.429 | 0.999 | 14.735 |
| 9/16/2018 9:00 | 903600 | 11.384 | 17.045 | 26.286 | 1281.177 | 1510.723 | 0.766 | 1.027 | 780.532 | 0.999 | 14.734 |
| 9/16/2018 9:15 | 904500 | 11.376 | 17.044 | 26.267 | 1281.191 | 1510.76 | 0.766 | 1.027 | 780.523 | 0.999 | 14.742 |
| 9/16/2018 9:30 | 905400 | 11.384 | 17.044 | 26.284 | 1281.09 | 1510.638 | 0.766 | 1.027 | 780.586 | 0.999 | 14.733 |
| 9/16/2018 9:45 | 906300 | 11.377 | 17.045 | 26.269 | 1280.863 | 1510.361 | 0.766 | 1.027 | 780.724 | 0.999 | 14.742 |
| 9/16/2018 10:00 | 907200 | 11.383 | 17.044 | 26.284 | 1280.836 | 1510.341 | 0.766 | 1.027 | 780.74 | 0.999 | 14.735 |
| 9/16/2018 10:15 | 908100 | 11.381 | 17.044 | 26.278 | 1280.729 | 1510.206 | 0.766 | 1.027 | 780.805 | 0.999 | 14.738 |
| 9/16/2018 10:30 | 909000 | 11.373 | | | | | | | | | |

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|-----------------|---------|-------|-------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/17/2018 18:15 | 1023300 | 1138 | 17045 | 26.276 | 1252.306 | 1476.679 | 0.748 | 1.004 | 798.527 | 0.999 | 14.708 |
| 9/17/2018 18:30 | 1024200 | 11389 | 17044 | 26.296 | 1251.977 | 1476.309 | 0.748 | 1.004 | 798.737 | 0.999 | 14.7 |
| 9/17/2018 18:45 | 1025100 | 11389 | 17045 | 26.298 | 1251.716 | 1475.989 | 0.748 | 1.004 | 798.903 | 0.999 | 14.699 |
| 9/17/2018 19:00 | 1026000 | 11395 | 17044 | 26.31 | 1251.453 | 1475.699 | 0.748 | 1.003 | 799.071 | 0.999 | 14.693 |
| 9/17/2018 19:15 | 1026900 | 11386 | 17044 | 26.289 | 1251.305 | 1475.524 | 0.748 | 1.003 | 799.166 | 0.999 | 14.702 |
| 9/17/2018 19:30 | 1027800 | 11387 | 17045 | 26.293 | 1250.992 | 1475.135 | 0.748 | 1.003 | 799.366 | 0.999 | 14.7 |
| 9/17/2018 19:45 | 1028700 | 11386 | 17045 | 26.289 | 1250.793 | 1474.901 | 0.748 | 1.003 | 799.493 | 0.999 | 14.701 |
| 9/17/2018 20:00 | 1029600 | 1138 | 17044 | 26.277 | 1250.551 | 1474.629 | 0.747 | 1.003 | 799.648 | 0.999 | 14.706 |
| 9/17/2018 20:15 | 1030500 | 11382 | 17044 | 26.282 | 1250.349 | 1474.383 | 0.747 | 1.003 | 799.777 | 0.999 | 14.706 |
| 9/17/2018 20:30 | 1031400 | 11385 | 17044 | 26.288 | 1250.136 | 1474.132 | 0.747 | 1.002 | 799.913 | 0.999 | 14.705 |
| 9/17/2018 20:45 | 1032300 | 11385 | 17045 | 26.287 | 1250.031 | 1474 | 0.747 | 1.002 | 799.98 | 0.999 | 14.706 |
| 9/17/2018 21:00 | 1033200 | 11378 | 17044 | 26.271 | 1249.688 | 1473.607 | 0.747 | 1.002 | 800.2 | 0.999 | 14.714 |
| 9/17/2018 21:15 | 1034100 | 11385 | 17045 | 26.265 | 1249.613 | 1473.313 | 0.747 | 1.002 | 800.247 | 0.999 | 14.713 |
| 9/17/2018 21:30 | 1035000 | 11378 | 17044 | 26.272 | 1249.43 | 1473.305 | 0.747 | 1.002 | 800.365 | 0.999 | 14.716 |
| 9/17/2018 21:45 | 1035900 | 11381 | 17045 | 26.279 | 1249.131 | 1472.941 | 0.746 | 1.002 | 800.556 | 0.999 | 14.715 |
| 9/17/2018 22:00 | 1036800 | 11382 | 17045 | 26.281 | 1248.874 | 1472.641 | 0.746 | 1.001 | 800.721 | 0.999 | 14.713 |
| 9/17/2018 22:15 | 1037700 | 11381 | 17045 | 26.279 | 1248.694 | 1472.423 | 0.746 | 1.001 | 800.837 | 0.999 | 14.716 |
| 9/17/2018 22:30 | 1038600 | 11378 | 17044 | 26.272 | 1248.539 | 1472.255 | 0.746 | 1.001 | 800.936 | 0.999 | 14.718 |
| 9/17/2018 22:45 | 1039500 | 1138 | 17044 | 26.275 | 1248.314 | 1471.99 | 0.746 | 1.002 | 801.08 | 0.999 | 14.729 |
| 9/17/2018 23:00 | 1040400 | 11377 | 17044 | 26.268 | 1248.175 | 1471.82 | 0.746 | 1.001 | 801.169 | 0.999 | 14.722 |
| 9/17/2018 23:15 | 1041300 | 11385 | 17044 | 26.288 | 1247.985 | 1471.596 | 0.746 | 1.001 | 801.291 | 0.999 | 14.712 |
| 9/17/2018 23:30 | 1042200 | 11379 | 17045 | 26.274 | 1247.839 | 1471.42 | 0.746 | 1.001 | 801.385 | 0.999 | 14.717 |
| 9/17/2018 23:45 | 1043100 | 11379 | 17044 | 26.274 | 1247.602 | 1471.161 | 0.745 | 1 | 801.538 | 0.999 | 14.717 |
| 9/18/2018 0:00 | 1044000 | 11383 | 17044 | 26.282 | 1247.496 | 1471.024 | 0.745 | 1 | 801.606 | 0.999 | 14.714 |
| 9/18/2018 0:15 | 1044900 | 11381 | 17044 | 26.278 | 1247.292 | 1470.79 | 0.745 | 1 | 801.737 | 0.999 | 14.71 |
| 9/18/2018 0:30 | 1045800 | 11383 | 17045 | 26.284 | 1247.096 | 1470.544 | 0.745 | 1 | 801.863 | 0.999 | 14.714 |
| 9/18/2018 0:45 | 1046700 | 11381 | 17044 | 26.278 | 1247.15 | 1470.617 | 0.745 | 1 | 801.828 | 0.999 | 14.718 |
| 9/18/2018 1:00 | 1047600 | 11383 | 17044 | 26.283 | 1247.071 | 1470.52 | 0.745 | 1 | 801.879 | 0.999 | 14.714 |
| 9/18/2018 1:15 | 1048500 | 11379 | 17044 | 26.273 | 1246.876 | 1470.302 | 0.745 | 1 | 802.004 | 0.999 | 14.719 |
| 9/18/2018 1:30 | 1049400 | 11384 | 17044 | 26.285 | 1246.768 | 1470.164 | 0.745 | 1 | 802.074 | 0.999 | 14.712 |
| 9/18/2018 1:45 | 1050300 | 11381 | 17044 | 26.277 | 1246.499 | 1469.743 | 0.745 | 0.999 | 802.305 | 0.999 | 14.716 |
| 9/18/2018 2:00 | 1051200 | 11384 | 17044 | 26.285 | 1246.524 | 1469.887 | 0.745 | 1 | 802.231 | 0.999 | 14.711 |
| 9/18/2018 2:15 | 1052100 | 11385 | 17044 | 26.288 | 1246.358 | 1469.677 | 0.745 | 0.999 | 802.338 | 0.999 | 14.711 |
| 9/18/2018 2:30 | 1053000 | 11384 | 17045 | 26.285 | 1246.195 | 1469.482 | 0.745 | 0.999 | 802.443 | 0.999 | 14.712 |
| 9/18/2018 2:45 | 1053900 | 11382 | 17044 | 26.281 | 1246.139 | 1469.419 | 0.745 | 0.999 | 802.479 | 0.999 | 14.713 |
| 9/18/2018 3:00 | 1054800 | 11382 | 17044 | 26.28 | 1246.029 | 1469.292 | 0.744 | 0.999 | 802.55 | 0.999 | 14.713 |
| 9/18/2018 3:15 | 1055700 | 11386 | 17044 | 26.289 | 1245.825 | 1469.266 | 0.744 | 0.999 | 802.684 | 0.999 | 14.71 |
| 9/18/2018 3:30 | 1056600 | 11386 | 17044 | 26.29 | 1245.814 | 1469.044 | 0.744 | 0.999 | 802.688 | 0.999 | 14.709 |
| 9/18/2018 3:45 | 1057500 | 11381 | 17044 | 26.278 | 1245.685 | 1468.892 | 0.744 | 0.999 | 802.771 | 0.999 | 14.714 |
| 9/18/2018 4:00 | 1058400 | 11382 | 17044 | 26.28 | 1245.642 | 1468.845 | 0.744 | 0.999 | 802.799 | 0.999 | 14.71 |
| 9/18/2018 4:15 | 1059300 | 11383 | 17044 | 26.282 | 1245.318 | 1468.456 | 0.744 | 0.999 | 803.008 | 0.999 | 14.71 |
| 9/18/2018 4:30 | 1060200 | 11378 | 17044 | 26.272 | 1245.125 | 1468.231 | 0.744 | 0.998 | 803.132 | 0.999 | 14.714 |
| 9/18/2018 4:45 | 1061100 | 11377 | 17044 | 26.269 | 1244.996 | 1468.088 | 0.744 | 0.998 | 803.215 | 0.999 | 14.715 |
| 9/18/2018 5:00 | 1062000 | 11377 | 17044 | 26.269 | 1244.906 | 1467.98 | 0.744 | 0.998 | 803.273 | 0.999 | 14.714 |
| 9/18/2018 5:15 | 1062900 | 11374 | 17044 | 26.261 | 1244.779 | 1467.817 | 0.744 | 0.998 | 803.356 | 0.999 | 14.719 |
| 9/18/2018 5:30 | 1063800 | 11377 | 17044 | 26.27 | 1244.695 | 1467.715 | 0.744 | 0.998 | 803.41 | 0.999 | 14.715 |
| 9/18/2018 5:45 | 1064700 | 11383 | 17044 | 26.283 | 1244.738 | 1467.779 | 0.744 | 0.998 | 803.382 | 0.999 | 14.71 |
| 9/18/2018 6:00 | 1065600 | 11373 | 17044 | 26.26 | 1244.518 | 1467.518 | 0.744 | 0.998 | 803.529 | 0.999 | 14.72 |
| 9/18/2018 6:15 | 1066500 | 1138 | 17044 | 26.276 | 1244.679 | 1467.705 | 0.744 | 0.998 | 803.42 | 0.999 | 14.716 |
| 9/18/2018 6:30 | 1067400 | 11372 | 17044 | 26.257 | 1244.409 | 1467.381 | 0.743 | 0.998 | 803.594 | 0.999 | 14.724 |
| 9/18/2018 6:45 | 1068300 | 11373 | 17044 | 26.259 | 1244.203 | 1467.139 | 0.743 | 0.998 | 803.727 | 0.999 | 14.725 |
| 9/18/2018 7:00 | 1069200 | 11376 | 17044 | 26.267 | 1244.19 | 1467.12 | 0.743 | 0.998 | 803.736 | 0.999 | 14.722 |
| 9/18/2018 7:15 | 1070100 | 11382 | 17044 | 26.281 | 1244.026 | 1466.933 | 0.743 | 0.998 | 803.842 | 0.999 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 11374 | 17044 | 26.262 | 1243.86 | 1466.74 | 0.743 | 0.997 | 803.949 | 0.999 | 14.725 |
| 9/18/2018 7:45 | 1071900 | 11379 | 17044 | 26.273 | 1243.905 | 1466.784 | 0.743 | 0.997 | 803.92 | 0.999 | 14.723 |
| 9/18/2018 8:00 | 1072800 | 11379 | 17044 | 26.273 | 1243.792 | 1466.559 | 0.743 | 0.997 | 803.993 | 0.999 | 14.724 |
| 9/18/2018 8:15 | 1073700 | 11378 | 17044 | 26.271 | 1243.612 | 1466.451 | 0.743 | 0.997 | 804.109 | 0.999 | 14.726 |
| 9/18/2018 8:30 | 1074600 | 11381 | 17044 | 26.279 | 1243.51 | 1466.339 | 0.743 | 0.997 | 804.175 | 0.999 | 14.724 |
| 9/18/2018 8:45 | 1075500 | 11376 | 17044 | 26.268 | 1243.516 | 1466.337 | 0.743 | 0.997 | 804.172 | 0.999 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 11376 | 17044 | 26.268 | 1243.429 | 1466.25 | 0.743 | 0.997 | 804.227 | 0.999 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 11377 | 17044 | 26.27 | 1243.17 | 1465.93 | 0.743 | 0.997 | 804.395 | 0.999 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 11371 | 17044 | 26.256 | 1243.151 | 1465.904 | 0.743 | 0.997 | 804.407 | 0.999 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 11372 | 17044 | 26.259 | 1243.139 | 1465.905 | 0.743 | 0.997 | 804.415 | 0.999 | 14.731 |
| 9/18/2018 10:00 | 1080000 | 11375 | 17044 | 26.264 | 1243.236 | 1466.013 | 0.743 | 0.997 | 804.353 | 0.999 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 11375 | 17044 | 26.265 | 1243.076 | 1465.818 | 0.743 | 0.997 | 804.456 | 0.999 | 14.733 |
| 9/18/2018 10:30 | 1081800 | 11373 | 17044 | 26.259 | 1243.082 | 1465.819 | 0.743 | 0.997 | 804.452 | 0.999 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 11379 | 17044 | 26.274 | 1242.909 | 1465.618 | 0.743 | 0.997 | 804.564 | 0.999 | 14.726 |
| 9/18/2018 11:00 | 1083600 | 11379 | 17044 | 26.274 | 1242.995 | 1465.484 | 0.743 | 0.997 | 804.638 | 0.999 | 14.728 |
| 9/18/2018 11:15 | 1084500 | 11375 | 17044 | 26.265 | 1242.779 | 1465.468 | 0.742 | 0.997 | 804.649 | 0.999 | 14.728 |
| 9/18/2018 11:30 | 1085400 | 1138 | 17044 | 26.277 | 1242.592 | 1465.25 | 0.742 | 0.996 | 804.77 | 0.999 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 11373 | 17044 | 26.261 | 1242.461 | 1465.09 | 0.742 | 0.996 | 804.854 | 0.999 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 11374 | 17044 | 26.263 | 1242.413 | 1465.034 | 0.742 | 0.996 | 804.885 | 0.999 | 14.722 |
| 9/18/2018 12:15 | 1088100 | 11378 | 17044 | 26.272 | 1242.259 | 1464.86 | 0.742 | 0.996 | 804.985 | 0.999 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 11375 | 17044 | 26.264 | 1242.201 | 1464.793 | 0.742 | 0.996 | 805.023 | 0.999 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 11374 | 17044 | 26.262 | 1242.174 | 1464.752 | 0.742 | 0.996 | 805.04 | 0.999 | 14.723 |
| 9/18/2018 13:00 | 1090800 | 11374 | 17044 | 26.262 | 1242.016 | 1464.569 | 0.742 | 0.996 | 805.142 | 0.999 | 14.721 |
| 9/18/2018 13:15 | 1091700 | 11376 | 17045 | 26.268 | 1241.999 | 1464.531 | 0.742 | 0.996 | 805.154 | 0.999 | 14.717 |
| 9/18/2018 13:30 | 1092600 | 11378 | 17044 | 26.272 | 1242.069 | 1464.625 | 0.742 | 0.996 | 805.109 | 0.999 | 14.713 |
| 9/18/2018 13:45 | 1093500 | 11373 | 17044 | 26.259 | 1241.795 | 1464.308 | 0.742 | 0.996 | 805.286 | 0.999 | 14.716 |
| 9/18/2018 14:00 | 1094400 | 11379 | 17044 | 26.273 | 1241.748 | 1464.25 | 0.742 | 0.996 | 805.316 | 0.999 | 14.709 |
| 9/18/2018 14:15 | 1095300 | 11376 | 17044 | 26.267 | 1241.734 | 1464.236 | 0.742 | 0.996 | 805.325 | 0.999 | 14.709 |
| 9/18/2018 14:30 | 1096200 | 11382 | 17044 | 26.281 | 1241.527 | 1463.98 | 0.742 | 0.996 | 805.46 | 0.999 | 14.703 |
| 9/18/2018 14:45 | 1097100 | 11378 | 17045 | 26.271 | 1241.273 | 1463.678 | 0.741 | 0.995 | 805.624 | 0.999 | 14.704 |
| 9/18/2018 15:00 | 1098000 | 11379 | 17045 | 26.274 | 1241.205 | 1463.597 | 0.741 | 0.995 | 805.669 | 0.999 | 14.702 |
| 9/18/2018 15:15 | 1098900 | 11376 | 17045 | 26.267 | 1241.257 | 1463.679 | 0.741 | 0.995 | 805.635 | 0.999 | |

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|-----------------|---------|-------|-------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/19/2018 23:00 | 1213200 | 11374 | 17044 | 26.262 | 1224.519 | 1443.939 | 0.731 | 0.982 | 816.647 | 0.999 | 14.646 |
| 9/19/2018 23:15 | 1214100 | 11369 | 17044 | 26.25 | 1224.494 | 1443.918 | 0.731 | 0.982 | 816.664 | 0.999 | 14.651 |
| 9/19/2018 23:30 | 1215000 | 11373 | 17044 | 26.26 | 1224.203 | 1443.56 | 0.731 | 0.982 | 816.858 | 0.999 | 14.646 |
| 9/19/2018 23:45 | 1215900 | 11371 | 17044 | 26.255 | 1224.002 | 1443.344 | 0.731 | 0.981 | 816.992 | 0.999 | 14.648 |
| 9/20/2018 0:00 | 1216800 | 1137 | 17044 | 26.252 | 1223.831 | 1443.127 | 0.731 | 0.981 | 817.107 | 0.999 | 14.649 |
| 9/20/2018 0:15 | 1217700 | 11374 | 17044 | 26.262 | 1223.696 | 1442.977 | 0.731 | 0.981 | 817.197 | 0.999 | 14.644 |
| 9/20/2018 0:30 | 1218600 | 11373 | 17044 | 26.26 | 1223.465 | 1442.908 | 0.73 | 0.981 | 817.231 | 0.999 | 14.642 |
| 9/20/2018 0:45 | 1219500 | 11372 | 17044 | 26.258 | 1223.435 | 1442.664 | 0.73 | 0.981 | 817.371 | 0.999 | 14.644 |
| 9/20/2018 1:00 | 1220400 | 11372 | 17044 | 26.258 | 1223.29 | 1442.495 | 0.73 | 0.981 | 817.468 | 0.999 | 14.642 |
| 9/20/2018 1:15 | 1221300 | 11373 | 17044 | 26.261 | 1223.078 | 1442.255 | 0.73 | 0.981 | 817.609 | 0.999 | 14.64 |
| 9/20/2018 1:30 | 1222200 | 11378 | 17044 | 26.271 | 1222.986 | 1442.134 | 0.73 | 0.981 | 817.671 | 0.999 | 14.637 |
| 9/20/2018 1:45 | 1223100 | 11373 | 17044 | 26.26 | 1222.562 | 1441.645 | 0.73 | 0.98 | 817.795 | 0.999 | 14.64 |
| 9/20/2018 2:00 | 1224000 | 11368 | 17044 | 26.249 | 1222.381 | 1441.436 | 0.73 | 0.98 | 818.075 | 0.999 | 14.644 |
| 9/20/2018 2:15 | 1224900 | 11367 | 17044 | 26.247 | 1222.34 | 1441.367 | 0.73 | 0.98 | 818.103 | 0.999 | 14.647 |
| 9/20/2018 2:30 | 1225800 | 11369 | 17044 | 26.25 | 1222.158 | 1441.164 | 0.73 | 0.98 | 818.225 | 0.999 | 14.645 |
| 9/20/2018 2:45 | 1226700 | 11366 | 17044 | 26.244 | 1222.075 | 1441.055 | 0.73 | 0.98 | 818.28 | 0.999 | 14.645 |
| 9/20/2018 3:00 | 1227600 | 11378 | 17044 | 26.271 | 1222.006 | 1440.987 | 0.729 | 0.98 | 818.326 | 0.999 | 14.634 |
| 9/20/2018 3:15 | 1228500 | 1137 | 17044 | 26.254 | 1221.59 | 1440.489 | 0.729 | 0.98 | 818.605 | 0.999 | 14.641 |
| 9/20/2018 3:30 | 1229400 | 11367 | 17044 | 26.249 | 1221.493 | 1440.377 | 0.729 | 0.979 | 818.67 | 0.999 | 14.645 |
| 9/20/2018 3:45 | 1230300 | 1137 | 17044 | 26.253 | 1221.256 | 1440.106 | 0.729 | 0.979 | 818.829 | 0.999 | 14.64 |
| 9/20/2018 4:00 | 1231200 | 11372 | 17044 | 26.258 | 1221.07 | 1439.875 | 0.729 | 0.979 | 818.954 | 0.999 | 14.638 |
| 9/20/2018 4:15 | 1232100 | 11374 | 17043 | 26.262 | 1221.05 | 1439.868 | 0.729 | 0.979 | 818.967 | 0.999 | 14.635 |
| 9/20/2018 4:30 | 1233000 | 11367 | 17044 | 26.247 | 1220.787 | 1439.541 | 0.729 | 0.979 | 819.144 | 0.999 | 14.641 |
| 9/20/2018 4:45 | 1233900 | 11368 | 17043 | 26.248 | 1220.647 | 1439.396 | 0.729 | 0.979 | 819.237 | 0.999 | 14.64 |
| 9/20/2018 5:00 | 1234800 | 11371 | 17044 | 26.255 | 1220.661 | 1439.395 | 0.729 | 0.979 | 819.229 | 0.999 | 14.638 |
| 9/20/2018 5:15 | 1235700 | 11371 | 17044 | 26.256 | 1220.589 | 1439.316 | 0.729 | 0.979 | 819.277 | 0.999 | 14.638 |
| 9/20/2018 5:30 | 1236600 | 11371 | 17044 | 26.255 | 1220.429 | 1439.113 | 0.728 | 0.979 | 819.384 | 0.999 | 14.64 |
| 9/20/2018 5:45 | 1237500 | 11365 | 17043 | 26.242 | 1220.139 | 1438.794 | 0.728 | 0.978 | 819.579 | 0.999 | 14.646 |
| 9/20/2018 6:00 | 1238400 | 11369 | 17043 | 26.25 | 1220.015 | 1438.645 | 0.728 | 0.978 | 819.662 | 0.999 | 14.643 |
| 9/20/2018 6:15 | 1239300 | 11363 | 17044 | 26.236 | 1219.89 | 1438.495 | 0.728 | 0.978 | 819.746 | 0.999 | 14.645 |
| 9/20/2018 6:30 | 1240200 | 11377 | 17044 | 26.257 | 1219.797 | 1438.312 | 0.728 | 0.978 | 819.849 | 0.999 | 14.642 |
| 9/20/2018 6:45 | 1241100 | 11363 | 17043 | 26.238 | 1219.536 | 1438.08 | 0.728 | 0.978 | 819.984 | 0.999 | 14.647 |
| 9/20/2018 7:00 | 1242000 | 11364 | 17044 | 26.24 | 1219.367 | 1437.866 | 0.728 | 0.978 | 820.098 | 0.999 | 14.653 |
| 9/20/2018 7:15 | 1242900 | 11368 | 17044 | 26.249 | 1219.305 | 1437.804 | 0.728 | 0.978 | 820.14 | 0.999 | 14.652 |
| 9/20/2018 7:30 | 1243800 | 11367 | 17044 | 26.246 | 1219.277 | 1437.77 | 0.728 | 0.978 | 820.158 | 0.999 | 14.655 |
| 9/20/2018 7:45 | 1244700 | 11361 | 17044 | 26.233 | 1219.113 | 1437.57 | 0.728 | 0.978 | 820.268 | 0.999 | 14.661 |
| 9/20/2018 8:00 | 1245600 | 11366 | 17044 | 26.244 | 1218.942 | 1437.462 | 0.728 | 0.978 | 820.233 | 0.999 | 14.661 |
| 9/20/2018 8:15 | 1246500 | 11363 | 17043 | 26.237 | 1218.961 | 1437.408 | 0.728 | 0.977 | 820.371 | 0.999 | 14.663 |
| 9/20/2018 8:30 | 1247400 | 11366 | 17043 | 26.243 | 1218.79 | 1437.203 | 0.727 | 0.977 | 820.486 | 0.999 | 14.662 |
| 9/20/2018 8:45 | 1248300 | 11362 | 17044 | 26.235 | 1218.694 | 1437.081 | 0.727 | 0.977 | 820.551 | 0.999 | 14.666 |
| 9/20/2018 9:00 | 1249200 | 11364 | 17043 | 26.239 | 1218.51 | 1436.873 | 0.727 | 0.977 | 820.674 | 0.999 | 14.665 |
| 9/20/2018 9:15 | 1250100 | 1136 | 17044 | 26.229 | 1218.244 | 1436.545 | 0.727 | 0.977 | 820.854 | 0.999 | 14.666 |
| 9/20/2018 9:30 | 1251000 | 11365 | 17044 | 26.242 | 1218.148 | 1436.437 | 0.727 | 0.977 | 820.919 | 0.999 | 14.664 |
| 9/20/2018 9:45 | 1251900 | 11369 | 17044 | 26.251 | 1218.095 | 1436.378 | 0.727 | 0.977 | 820.954 | 0.999 | 14.666 |
| 9/20/2018 10:00 | 1252800 | 11362 | 17044 | 26.234 | 1217.891 | 1436.129 | 0.727 | 0.977 | 821.091 | 0.999 | 14.667 |
| 9/20/2018 10:15 | 1253700 | 11363 | 17044 | 26.236 | 1217.876 | 1436.1 | 0.727 | 0.977 | 821.102 | 0.999 | 14.668 |
| 9/20/2018 10:30 | 1254600 | 11363 | 17044 | 26.237 | 1217.843 | 1436.073 | 0.727 | 0.977 | 821.124 | 0.999 | 14.668 |
| 9/20/2018 10:45 | 1255500 | 1136 | 17044 | 26.23 | 1217.563 | 1435.751 | 0.727 | 0.976 | 821.312 | 0.999 | 14.671 |
| 9/20/2018 11:00 | 1256400 | 1136 | 17044 | 26.231 | 1217.52 | 1435.7 | 0.727 | 0.976 | 821.342 | 0.999 | 14.669 |
| 9/20/2018 11:15 | 1257300 | 11359 | 17043 | 26.227 | 1217.272 | 1435.413 | 0.727 | 0.976 | 821.509 | 0.999 | 14.671 |
| 9/20/2018 11:30 | 1258200 | 11367 | 17044 | 26.245 | 1217.275 | 1435.403 | 0.727 | 0.976 | 821.507 | 0.999 | 14.662 |
| 9/20/2018 11:45 | 1259100 | 11362 | 17044 | 26.235 | 1217.19 | 1435.302 | 0.726 | 0.976 | 821.565 | 0.999 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 11359 | 17044 | 26.228 | 1217.017 | 1435.093 | 0.726 | 0.976 | 821.681 | 0.999 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 11361 | 17044 | 26.232 | 1216.901 | 1434.97 | 0.726 | 0.976 | 821.759 | 0.999 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 11352 | 17044 | 26.212 | 1216.773 | 1434.805 | 0.726 | 0.976 | 821.846 | 0.999 | 14.669 |
| 9/20/2018 12:45 | 1262700 | 11356 | 17044 | 26.222 | 1216.487 | 1434.482 | 0.726 | 0.975 | 822.039 | 0.999 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 1135 | 17044 | 26.206 | 1216.438 | 1434.419 | 0.726 | 0.975 | 822.072 | 0.999 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 11353 | 17044 | 26.215 | 1216.36 | 1434.329 | 0.726 | 0.975 | 822.125 | 0.999 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 11356 | 17044 | 26.22 | 1216.186 | 1434.118 | 0.726 | 0.975 | 822.243 | 0.999 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 11359 | 17044 | 26.228 | 1215.86 | 1433.723 | 0.726 | 0.975 | 822.463 | 0.999 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 11355 | 17044 | 26.217 | 1215.942 | 1433.831 | 0.726 | 0.975 | 822.407 | 0.999 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 11362 | 17044 | 26.234 | 1215.927 | 1433.807 | 0.726 | 0.975 | 822.418 | 0.999 | 14.658 |
| 9/20/2018 14:30 | 1269000 | 11361 | 17044 | 26.232 | 1215.726 | 1433.573 | 0.726 | 0.975 | 822.554 | 0.999 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 11354 | 17044 | 26.217 | 1215.447 | 1433.241 | 0.725 | 0.975 | 822.743 | 0.999 | 14.664 |
| 9/20/2018 15:00 | 1270800 | 11359 | 17044 | 26.227 | 1215.169 | 1432.917 | 0.725 | 0.974 | 822.931 | 0.999 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 1136 | 17044 | 26.229 | 1215.194 | 1432.952 | 0.725 | 0.974 | 822.914 | 0.999 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 11361 | 17043 | 26.232 | 1215.322 | 1433.111 | 0.725 | 0.975 | 822.827 | 0.999 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 11357 | 17043 | 26.225 | 1214.948 | 1432.622 | 0.725 | 0.974 | 823.063 | 0.999 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 11356 | 17044 | 26.22 | 1214.954 | 1432.663 | 0.725 | 0.974 | 823.077 | 0.999 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 11357 | 17044 | 26.223 | 1214.954 | 1432.651 | 0.725 | 0.974 | 823.077 | 0.999 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 11359 | 17043 | 26.229 | 1214.712 | 1432.391 | 0.725 | 0.974 | 823.241 | 0.999 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 11358 | 17044 | 26.226 | 1214.554 | 1432.188 | 0.725 | 0.974 | 823.348 | 0.999 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 11355 | 17044 | 26.219 | 1214.506 | 1432.126 | 0.725 | 0.974 | 823.38 | 0.999 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 11359 | 17044 | 26.225 | 1214.344 | 1431.95 | 0.725 | 0.974 | 823.49 | 0.999 | 14.653 |
| 9/20/2018 17:30 | 1279800 | 11355 | 17044 | 26.219 | 1214.103 | 1431.662 | 0.725 | 0.974 | 823.653 | 0.999 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 11356 | 17044 | 26.222 | 1214.197 | 1431.779 | 0.725 | 0.974 | 823.589 | 0.999 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 11357 | 17044 | 26.223 | 1213.978 | 1431.524 | 0.724 | 0.973 | 823.738 | 0.999 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 11364 | 17044 | 26.238 | 1213.954 | 1431.487 | 0.724 | 0.973 | 823.754 | 0.999 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 1135 | 17044 | 26.206 | 1213.585 | 1431.057 | 0.724 | 0.973 | 824.005 | 0.999 | 14.661 |
| 9/20/2018 18:45 | 1284300 | 11351 | 17044 | 26.208 | 1213.567 | 1431.024 | 0.724 | 0.973 | 824.017 | 0.999 | 14.666 |
| 9/20/2018 19:00 | 1285200 | 11353 | 17043 | 26.223 | 1213.561 | 1431.024 | 0.724 | 0.973 | 824.021 | 0.999 | 14.658 |
| 9/20/2018 19:15 | 1286100 | 11353 | 17044 | 26.214 | 1213.49 | 1430.945 | 0.724 | 0.973 | 824.069 | 0.999 | 14.663 |
| 9/20/2018 19:30 | 1287000 | 11353 | 17044 | 26.215 | 1213.305 | 1430.715 | 0.724 | 0.973 | 824.195 | 0.999 | 14.664 |
| 9/20/2018 19:45 | 1287900 | 11361 | 17044 | 26.233 | 1213.331 | 1430.758 | 0.724 | 0.973 | 824.177 | 0.999 | 14.658 |
| 9/20/2018 20:00 | 1288800 | 11355 | 17044 | 26.218 | 1213.051 | 1430.414 | 0.724 | 0.97 | | | |

| | | | | | | | | | | | |
|-----------------|---------|--------|-------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/22/2018 3:45 | 1403100 | 11.328 | 17044 | 26.157 | 1201.252 | 1416.517 | 0.717 | 0.963 | 832.465 | 0.999 | 14.719 |
| 9/22/2018 4:00 | 1404000 | 11.332 | 17044 | 26.166 | 1201.089 | 1416.324 | 0.716 | 0.963 | 832.578 | 0.999 | 14.715 |
| 9/22/2018 4:15 | 1404900 | 11.327 | 17043 | 26.154 | 1201.075 | 1416.311 | 0.716 | 0.963 | 832.588 | 0.999 | 14.719 |
| 9/22/2018 4:30 | 1405800 | 11.339 | 17043 | 26.18 | 1201.1 | 1416.349 | 0.716 | 0.963 | 832.57 | 0.999 | 14.708 |
| 9/22/2018 4:45 | 1406700 | 11.323 | 17043 | 26.146 | 1201.003 | 1416.239 | 0.716 | 0.963 | 832.638 | 0.999 | 14.723 |
| 9/22/2018 5:00 | 1407600 | 11.327 | 17043 | 26.153 | 1200.953 | 1416.175 | 0.716 | 0.963 | 832.672 | 0.999 | 14.718 |
| 9/22/2018 5:15 | 1408500 | 11.324 | 17043 | 26.146 | 1200.68 | 1415.853 | 0.716 | 0.963 | 832.865 | 0.999 | 14.721 |
| 9/22/2018 5:30 | 1409400 | 11.329 | 17043 | 26.158 | 1200.657 | 1415.82 | 0.716 | 0.963 | 832.878 | 0.999 | 14.716 |
| 9/22/2018 5:45 | 1410300 | 11.329 | 17043 | 26.158 | 1200.663 | 1415.836 | 0.716 | 0.963 | 832.873 | 0.999 | 14.715 |
| 9/22/2018 6:00 | 1411200 | 11.331 | 17043 | 26.162 | 1200.861 | 1416.067 | 0.716 | 0.963 | 832.736 | 0.999 | 14.715 |
| 9/22/2018 6:15 | 1412100 | 11.331 | 17043 | 26.163 | 1200.486 | 1415.625 | 0.716 | 0.963 | 832.996 | 0.999 | 14.717 |
| 9/22/2018 6:30 | 1413000 | 11.328 | 17044 | 26.156 | 1200.294 | 1415.387 | 0.716 | 0.962 | 833.129 | 0.999 | 14.72 |
| 9/22/2018 6:45 | 1413900 | 11.327 | 17043 | 26.157 | 1200.261 | 1415.356 | 0.716 | 0.962 | 833.152 | 0.999 | 14.721 |
| 9/22/2018 7:00 | 1414800 | 11.329 | 17043 | 26.158 | 1200.222 | 1415.322 | 0.716 | 0.962 | 833.179 | 0.999 | 14.72 |
| 9/22/2018 7:15 | 1415700 | 11.331 | 17043 | 26.163 | 1200.131 | 1415.214 | 0.716 | 0.962 | 833.243 | 0.999 | 14.717 |
| 9/22/2018 7:30 | 1416600 | 11.324 | 17043 | 26.146 | 1200.041 | 1415.1 | 0.716 | 0.962 | 833.305 | 0.999 | 14.726 |
| 9/22/2018 7:45 | 1417500 | 11.329 | 17043 | 26.159 | 1199.944 | 1414.979 | 0.716 | 0.962 | 833.372 | 0.999 | 14.72 |
| 9/22/2018 8:00 | 1418400 | 11.329 | 17043 | 26.158 | 1199.94 | 1414.978 | 0.716 | 0.962 | 833.375 | 0.999 | 14.721 |
| 9/22/2018 8:15 | 1419300 | 11.317 | 17043 | 26.13 | 1199.797 | 1414.805 | 0.716 | 0.962 | 833.474 | 0.999 | 14.733 |
| 9/22/2018 8:30 | 1420200 | 11.329 | 17043 | 26.158 | 1199.644 | 1414.623 | 0.716 | 0.962 | 833.581 | 0.999 | 14.722 |
| 9/22/2018 8:45 | 1421100 | 11.327 | 17043 | 26.154 | 1199.528 | 1414.501 | 0.715 | 0.962 | 833.661 | 0.999 | 14.725 |
| 9/22/2018 9:00 | 1422000 | 11.327 | 17043 | 26.153 | 1199.784 | 1414.791 | 0.716 | 0.962 | 833.484 | 0.999 | 14.726 |
| 9/22/2018 9:15 | 1422900 | 11.325 | 17043 | 26.15 | 1199.465 | 1414.415 | 0.715 | 0.962 | 833.705 | 0.999 | 14.728 |
| 9/22/2018 9:30 | 1423800 | 11.321 | 17043 | 26.141 | 1199.372 | 1414.303 | 0.715 | 0.962 | 833.769 | 0.999 | 14.732 |
| 9/22/2018 9:45 | 1424700 | 11.324 | 17043 | 26.148 | 1199.421 | 1414.363 | 0.715 | 0.962 | 833.796 | 0.999 | 14.73 |
| 9/22/2018 10:00 | 1425600 | 11.319 | 17043 | 26.136 | 1199.218 | 1414.126 | 0.715 | 0.962 | 833.877 | 0.999 | 14.735 |
| 9/22/2018 10:15 | 1426500 | 11.318 | 17043 | 26.133 | 1199.192 | 1414.092 | 0.715 | 0.962 | 833.895 | 0.999 | 14.736 |
| 9/22/2018 10:30 | 1427400 | 11.323 | 17043 | 26.144 | 1199.047 | 1413.922 | 0.715 | 0.961 | 833.996 | 0.999 | 14.732 |
| 9/22/2018 10:45 | 1428300 | 11.318 | 17043 | 26.134 | 1198.888 | 1413.74 | 0.715 | 0.961 | 834.106 | 0.999 | 14.737 |
| 9/22/2018 11:00 | 1429200 | 11.316 | 17043 | 26.127 | 1198.899 | 1413.748 | 0.715 | 0.961 | 834.098 | 0.999 | 14.732 |
| 9/22/2018 11:15 | 1430100 | 11.317 | 17043 | 26.131 | 1198.867 | 1413.809 | 0.715 | 0.961 | 834.121 | 0.999 | 14.733 |
| 9/22/2018 11:30 | 1431000 | 11.32 | 17043 | 26.137 | 1198.673 | 1413.481 | 0.715 | 0.961 | 834.256 | 0.999 | 14.731 |
| 9/22/2018 11:45 | 1431900 | 11.317 | 17043 | 26.131 | 1198.645 | 1413.448 | 0.715 | 0.961 | 834.275 | 0.999 | 14.733 |
| 9/22/2018 12:00 | 1432800 | 11.318 | 17043 | 26.134 | 1198.459 | 1413.237 | 0.715 | 0.961 | 834.405 | 0.999 | 14.732 |
| 9/22/2018 12:15 | 1433700 | 11.318 | 17043 | 26.134 | 1198.332 | 1413.093 | 0.715 | 0.961 | 834.494 | 0.999 | 14.731 |
| 9/22/2018 12:30 | 1434600 | 11.316 | 17043 | 26.127 | 1198.43 | 1413.205 | 0.715 | 0.961 | 834.425 | 0.999 | 14.734 |
| 9/22/2018 12:45 | 1435500 | 11.314 | 17043 | 26.123 | 1198.222 | 1413.194 | 0.715 | 0.961 | 834.43 | 0.999 | 14.733 |
| 9/22/2018 13:00 | 1436400 | 11.324 | 17043 | 26.148 | 1198.351 | 1413.11 | 0.715 | 0.961 | 834.48 | 0.999 | 14.722 |
| 9/22/2018 13:15 | 1437300 | 11.315 | 17043 | 26.125 | 1198.047 | 1412.745 | 0.715 | 0.961 | 834.692 | 0.999 | 14.73 |
| 9/22/2018 13:30 | 1438200 | 11.319 | 17043 | 26.134 | 1198.05 | 1412.746 | 0.715 | 0.961 | 834.69 | 0.999 | 14.726 |
| 9/22/2018 13:45 | 1439100 | 11.323 | 17044 | 26.144 | 1197.922 | 1412.59 | 0.714 | 0.961 | 834.779 | 0.999 | 14.721 |
| 9/22/2018 14:00 | 1440000 | 11.321 | 17043 | 26.139 | 1198.017 | 1412.71 | 0.715 | 0.961 | 834.713 | 0.999 | 14.721 |
| 9/22/2018 14:15 | 1440900 | 11.323 | 17043 | 26.143 | 1197.809 | 1412.46 | 0.714 | 0.96 | 834.857 | 0.999 | 14.717 |
| 9/22/2018 14:30 | 1441800 | 11.324 | 17043 | 26.144 | 1197.66 | 1412.29 | 0.714 | 0.96 | 834.961 | 0.999 | 14.716 |
| 9/22/2018 14:45 | 1442700 | 11.32 | 17044 | 26.138 | 1197.523 | 1412.115 | 0.714 | 0.96 | 835.057 | 0.999 | 14.715 |
| 9/22/2018 15:00 | 1443600 | 11.322 | 17043 | 26.142 | 1197.583 | 1412.199 | 0.714 | 0.96 | 835.015 | 0.999 | 14.714 |
| 9/22/2018 15:15 | 1444500 | 11.32 | 17043 | 26.137 | 1197.386 | 1411.966 | 0.714 | 0.96 | 835.153 | 0.999 | 14.713 |
| 9/22/2018 15:30 | 1445400 | 11.319 | 17044 | 26.135 | 1197.314 | 1411.87 | 0.714 | 0.96 | 835.203 | 0.999 | 14.712 |
| 9/22/2018 15:45 | 1446300 | 11.317 | 17043 | 26.131 | 1197.221 | 1411.775 | 0.714 | 0.96 | 835.267 | 0.999 | 14.711 |
| 9/22/2018 16:00 | 1447200 | 11.323 | 17044 | 26.145 | 1197.211 | 1411.867 | 0.714 | 0.96 | 835.205 | 0.999 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 11.319 | 17044 | 26.136 | 1197.243 | 1411.79 | 0.714 | 0.96 | 835.252 | 0.999 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 11.313 | 17043 | 26.122 | 1197.055 | 1411.57 | 0.714 | 0.96 | 835.384 | 0.999 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 11.311 | 17043 | 26.117 | 1196.955 | 1411.455 | 0.714 | 0.96 | 835.454 | 0.999 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 11.322 | 17044 | 26.143 | 1197.05 | 1411.562 | 0.714 | 0.96 | 835.387 | 0.999 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 11.323 | 17044 | 26.145 | 1196.934 | 1411.425 | 0.714 | 0.96 | 835.468 | 0.999 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 11.317 | 17043 | 26.131 | 1196.797 | 1411.267 | 0.714 | 0.96 | 835.563 | 0.999 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 11.32 | 17043 | 26.138 | 1196.756 | 1411.226 | 0.714 | 0.96 | 835.592 | 0.999 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 11.317 | 17043 | 26.131 | 1196.602 | 1411.037 | 0.714 | 0.96 | 835.7 | 0.999 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 11.322 | 17043 | 26.143 | 1196.53 | 1410.959 | 0.714 | 0.959 | 835.75 | 0.999 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 11.319 | 17044 | 26.135 | 1196.463 | 1410.865 | 0.714 | 0.959 | 835.797 | 0.999 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 11.321 | 17043 | 26.14 | 1196.245 | 1410.629 | 0.713 | 0.959 | 835.949 | 0.999 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 11.321 | 17043 | 26.141 | 1196.163 | 1410.53 | 0.713 | 0.959 | 835.906 | 0.999 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 11.319 | 17043 | 26.135 | 1196.091 | 1410.434 | 0.713 | 0.959 | 836.057 | 0.999 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 11.311 | 17043 | 26.116 | 1196.126 | 1410.486 | 0.713 | 0.959 | 836.032 | 0.999 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 11.319 | 17043 | 26.134 | 1195.968 | 1410.294 | 0.713 | 0.959 | 836.143 | 0.999 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 11.315 | 17043 | 26.125 | 1195.943 | 1410.264 | 0.713 | 0.959 | 836.161 | 0.999 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 11.315 | 17043 | 26.126 | 1195.848 | 1410.149 | 0.713 | 0.959 | 836.227 | 0.999 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 11.317 | 17043 | 26.13 | 1195.808 | 1410.089 | 0.713 | 0.959 | 836.255 | 0.999 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 11.309 | 17043 | 26.113 | 1195.842 | 1410.152 | 0.713 | 0.959 | 836.231 | 0.999 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 11.314 | 17043 | 26.124 | 1195.636 | 1409.911 | 0.713 | 0.959 | 836.375 | 0.999 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 11.312 | 17043 | 26.118 | 1195.61 | 1409.872 | 0.713 | 0.959 | 836.393 | 0.999 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 11.31 | 17043 | 26.115 | 1195.58 | 1409.848 | 0.713 | 0.959 | 836.414 | 0.999 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 11.316 | 17043 | 26.128 | 1195.454 | 1409.685 | 0.713 | 0.959 | 836.502 | 0.999 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 11.315 | 17043 | 26.125 | 1195.311 | 1409.526 | 0.713 | 0.958 | 836.625 | 0.999 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 11.317 | 17043 | 26.131 | 1195.177 | 1409.37 | 0.713 | 0.958 | 836.696 | 0.999 | 14.694 |
| 9/22/2018 22:30 | 1470600 | 11.314 | 17043 | 26.124 | 1195.117 | 1409.291 | 0.713 | 0.958 | 836.738 | 0.999 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 11.313 | 17043 | 26.12 | 1195.203 | 1409.386 | 0.713 | 0.958 | 836.678 | 0.999 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 11.315 | 17043 | 26.125 | 1194.994 | 1409.162 | 0.713 | 0.958 | 836.825 | 0.999 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 11.321 | 17043 | 26.139 | 1194.87 | 1408.994 | 0.713 | 0.958 | 836.911 | 0.999 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 11.318 | 17043 | 26.133 | 1194.875 | 1408.908 | 0.713 | 0.958 | 837.007 | 0.999 | 14.691 |
| 9/22/2018 23:45 | 1475100 | 11.313 | 17043 | 26.121 | 1194.723 | 1408.834 | 0.712 | 0.958 | 837.014 | 0.999 | 14.694 |
| 9/23/2018 0:00 | 1476000 | 11.312 | 17043 | 26.119 | 1194.75 | 1408.866 | 0.712 | 0.958 | 836.995 | 0.999 | 14.695 |
| 9/23/2018 0:15 | 1476900 | 11.311 | 17043 | 26.116 | 1194.752 | 1408.857 | 0.712 | 0.958 | 836.994 | 0.999 | 14.697 |
| 9/23/2018 0:30 | 1477800 | 11.314 | 17043 | 26.125 | 1194.603 | 1408.698 | 0.712 | 0.958 | 837.098 | 0.999 | 14.693 |
| 9/23/2 | | | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|-------|-------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/24/2018 8:30 | 1593000 | 11291 | 17043 | 26.07 | 1186.202 | 1398.797 | 0.707 | 0.951 | 843.027 | 0.999 | 14.671 |
| 9/24/2018 8:45 | 1593900 | 11297 | 17043 | 26.083 | 1186.189 | 1398.776 | 0.707 | 0.951 | 843.036 | 0.999 | 14.664 |
| 9/24/2018 9:00 | 1594800 | 11286 | 17043 | 26.058 | 1186.105 | 1398.675 | 0.707 | 0.951 | 843.095 | 0.999 | 14.676 |
| 9/24/2018 9:15 | 1595700 | 11289 | 17043 | 26.065 | 1186.072 | 1398.643 | 0.707 | 0.951 | 843.119 | 0.999 | 14.675 |
| 9/24/2018 9:30 | 1596600 | 11288 | 17043 | 26.065 | 1186.08 | 1398.65 | 0.707 | 0.951 | 843.114 | 0.999 | 14.675 |
| 9/24/2018 9:45 | 1597500 | 11283 | 17042 | 26.053 | 1185.901 | 1398.453 | 0.707 | 0.951 | 843.241 | 0.999 | 14.681 |
| 9/24/2018 10:00 | 1598400 | 11284 | 17043 | 26.054 | 1185.875 | 1398.414 | 0.707 | 0.951 | 843.259 | 0.999 | 14.682 |
| 9/24/2018 10:15 | 1599300 | 11285 | 17043 | 26.056 | 1185.815 | 1398.335 | 0.707 | 0.951 | 843.302 | 0.999 | 14.682 |
| 9/24/2018 10:30 | 1600200 | 11287 | 17043 | 26.062 | 1185.499 | 1397.968 | 0.707 | 0.951 | 843.527 | 0.999 | 14.681 |
| 9/24/2018 10:45 | 1601100 | 11286 | 17043 | 26.06 | 1185.403 | 1397.847 | 0.707 | 0.951 | 843.595 | 0.999 | 14.681 |
| 9/24/2018 11:00 | 1602000 | 11279 | 17043 | 26.044 | 1185.539 | 1398.019 | 0.707 | 0.951 | 843.498 | 0.999 | 14.689 |
| 9/24/2018 11:15 | 1602900 | 11286 | 17043 | 26.06 | 1185.503 | 1397.976 | 0.707 | 0.951 | 843.524 | 0.999 | 14.681 |
| 9/24/2018 11:30 | 1603800 | 1129 | 17043 | 26.059 | 1185.305 | 1397.978 | 0.707 | 0.95 | 843.523 | 0.999 | 14.675 |
| 9/24/2018 11:45 | 1604700 | 11286 | 17043 | 26.059 | 1185.227 | 1397.64 | 0.707 | 0.95 | 843.72 | 0.999 | 14.68 |
| 9/24/2018 12:00 | 1605600 | 11286 | 17043 | 26.058 | 1185.19 | 1397.591 | 0.707 | 0.95 | 843.746 | 0.999 | 14.68 |
| 9/24/2018 12:15 | 1606500 | 11283 | 17043 | 26.052 | 1185.24 | 1397.651 | 0.707 | 0.95 | 843.711 | 0.999 | 14.682 |
| 9/24/2018 12:30 | 1607400 | 1128 | 17043 | 26.046 | 1185.216 | 1397.634 | 0.707 | 0.95 | 843.728 | 0.999 | 14.684 |
| 9/24/2018 12:45 | 1608300 | 11281 | 17042 | 26.048 | 1184.962 | 1397.349 | 0.706 | 0.95 | 843.909 | 0.999 | 14.683 |
| 9/24/2018 13:00 | 1609200 | 11286 | 17043 | 26.058 | 1184.88 | 1397.222 | 0.706 | 0.95 | 843.967 | 0.999 | 14.677 |
| 9/24/2018 13:15 | 1610100 | 11289 | 17043 | 26.067 | 1184.952 | 1397.32 | 0.706 | 0.95 | 843.916 | 0.999 | 14.671 |
| 9/24/2018 13:30 | 1611000 | 11278 | 17043 | 26.042 | 1184.998 | 1397.375 | 0.706 | 0.95 | 843.883 | 0.999 | 14.677 |
| 9/24/2018 13:45 | 1611900 | 11278 | 17043 | 26.04 | 1184.787 | 1397.123 | 0.706 | 0.95 | 844.034 | 0.999 | 14.68 |
| 9/24/2018 14:00 | 1612800 | 11287 | 17043 | 26.062 | 1184.929 | 1397.283 | 0.706 | 0.95 | 843.932 | 0.999 | 14.672 |
| 9/24/2018 14:15 | 1613700 | 11281 | 17043 | 26.047 | 1184.81 | 1397.148 | 0.706 | 0.95 | 844.017 | 0.999 | 14.676 |
| 9/24/2018 14:30 | 1614600 | 11281 | 17043 | 26.048 | 1184.561 | 1396.854 | 0.706 | 0.95 | 844.195 | 0.999 | 14.675 |
| 9/24/2018 14:45 | 1615500 | 11287 | 17043 | 26.06 | 1184.65 | 1396.961 | 0.706 | 0.95 | 844.131 | 0.999 | 14.668 |
| 9/24/2018 15:00 | 1616400 | 11281 | 17043 | 26.048 | 1184.537 | 1396.831 | 0.706 | 0.95 | 844.212 | 0.999 | 14.673 |
| 9/24/2018 15:15 | 1617300 | 11286 | 17043 | 26.059 | 1184.438 | 1396.706 | 0.706 | 0.95 | 844.282 | 0.999 | 14.669 |
| 9/24/2018 15:30 | 1618200 | 11287 | 17043 | 26.062 | 1184.42 | 1396.693 | 0.706 | 0.95 | 844.295 | 0.999 | 14.665 |
| 9/24/2018 15:45 | 1619100 | 11282 | 17043 | 26.049 | 1184.34 | 1396.601 | 0.706 | 0.95 | 844.352 | 0.999 | 14.67 |
| 9/24/2018 16:00 | 1620000 | 11277 | 17043 | 26.039 | 1184.131 | 1396.333 | 0.706 | 0.95 | 844.501 | 0.999 | 14.674 |
| 9/24/2018 16:15 | 1620900 | 11283 | 17043 | 26.052 | 1184.174 | 1396.403 | 0.706 | 0.95 | 844.471 | 0.999 | 14.669 |
| 9/24/2018 16:30 | 1621800 | 11278 | 17043 | 26.041 | 1183.995 | 1396.182 | 0.706 | 0.949 | 844.598 | 0.999 | 14.673 |
| 9/24/2018 16:45 | 1622700 | 11283 | 17043 | 26.051 | 1184.04 | 1396.24 | 0.706 | 0.949 | 844.566 | 0.999 | 14.668 |
| 9/24/2018 17:00 | 1623600 | 11285 | 17043 | 26.057 | 1184.105 | 1396.317 | 0.706 | 0.949 | 844.52 | 0.999 | 14.665 |
| 9/24/2018 17:15 | 1624500 | 11288 | 17043 | 26.062 | 1183.924 | 1396.103 | 0.706 | 0.949 | 844.649 | 0.999 | 14.662 |
| 9/24/2018 17:30 | 1625400 | 1128 | 17043 | 26.045 | 1183.954 | 1396.076 | 0.706 | 0.949 | 844.734 | 0.999 | 14.668 |
| 9/24/2018 17:45 | 1626300 | 1128 | 17043 | 26.046 | 1183.676 | 1395.818 | 0.706 | 0.949 | 844.826 | 0.999 | 14.667 |
| 9/24/2018 18:00 | 1627200 | 11282 | 17043 | 26.049 | 1183.687 | 1395.82 | 0.706 | 0.949 | 844.818 | 0.999 | 14.666 |
| 9/24/2018 18:15 | 1628100 | 11281 | 17043 | 26.047 | 1183.602 | 1395.723 | 0.706 | 0.949 | 844.879 | 0.999 | 14.667 |
| 9/24/2018 18:30 | 1629000 | 11277 | 17043 | 26.039 | 1183.678 | 1395.816 | 0.706 | 0.949 | 844.824 | 0.999 | 14.668 |
| 9/24/2018 18:45 | 1629900 | 1128 | 17043 | 26.046 | 1183.514 | 1395.61 | 0.705 | 0.949 | 844.942 | 0.999 | 14.665 |
| 9/24/2018 19:00 | 1630800 | 11278 | 17043 | 26.042 | 1183.461 | 1395.552 | 0.705 | 0.949 | 844.979 | 0.999 | 14.668 |
| 9/24/2018 19:15 | 1631700 | 11283 | 17043 | 26.051 | 1183.555 | 1395.44 | 0.705 | 0.949 | 845.055 | 0.999 | 14.663 |
| 9/24/2018 19:30 | 1632600 | 11286 | 17043 | 26.058 | 1183.173 | 1395.214 | 0.705 | 0.949 | 845.185 | 0.999 | 14.666 |
| 9/24/2018 19:45 | 1633500 | 11279 | 17043 | 26.044 | 1183.143 | 1395.179 | 0.705 | 0.949 | 845.206 | 0.999 | 14.668 |
| 9/24/2018 20:00 | 1634400 | 11279 | 17043 | 26.042 | 1183.191 | 1395.238 | 0.705 | 0.949 | 845.172 | 0.999 | 14.67 |
| 9/24/2018 20:15 | 1635300 | 11281 | 17043 | 26.047 | 1183.215 | 1395.258 | 0.705 | 0.949 | 845.155 | 0.999 | 14.671 |
| 9/24/2018 20:30 | 1636200 | 11281 | 17043 | 26.048 | 1183.058 | 1395.084 | 0.705 | 0.949 | 845.267 | 0.999 | 14.67 |
| 9/24/2018 20:45 | 1637100 | 11273 | 17043 | 26.028 | 1182.983 | 1395.004 | 0.705 | 0.949 | 845.321 | 0.999 | 14.681 |
| 9/24/2018 21:00 | 1638000 | 1128 | 17043 | 26.045 | 1182.997 | 1395.017 | 0.705 | 0.949 | 845.311 | 0.999 | 14.675 |
| 9/24/2018 21:15 | 1638900 | 11276 | 17043 | 26.037 | 1182.952 | 1394.968 | 0.705 | 0.949 | 845.343 | 0.999 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 11279 | 17042 | 26.044 | 1182.966 | 1394.989 | 0.705 | 0.949 | 845.333 | 0.999 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 11278 | 17043 | 26.04 | 1183.008 | 1395.029 | 0.705 | 0.949 | 845.302 | 0.999 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 1128 | 17043 | 26.046 | 1182.871 | 1394.858 | 0.705 | 0.949 | 845.401 | 0.999 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 11277 | 17043 | 26.039 | 1182.921 | 1394.922 | 0.705 | 0.949 | 845.365 | 0.999 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 11274 | 17043 | 26.031 | 1182.659 | 1394.622 | 0.705 | 0.948 | 845.552 | 0.999 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 11274 | 17043 | 26.031 | 1182.674 | 1394.642 | 0.705 | 0.948 | 845.542 | 0.999 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 11275 | 17043 | 26.033 | 1182.547 | 1394.485 | 0.705 | 0.948 | 845.632 | 0.999 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 11273 | 17043 | 26.029 | 1182.493 | 1394.422 | 0.705 | 0.948 | 845.671 | 0.999 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 11275 | 17043 | 26.034 | 1182.517 | 1394.455 | 0.705 | 0.948 | 845.654 | 0.999 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 11284 | 17043 | 26.055 | 1182.318 | 1394.238 | 0.705 | 0.948 | 845.796 | 0.999 | 14.681 |
| 9/25/2018 0:00 | 1648800 | 11278 | 17043 | 26.04 | 1182.327 | 1394.233 | 0.705 | 0.948 | 845.79 | 0.999 | 14.688 |
| 9/25/2018 0:15 | 1649700 | 11277 | 17043 | 26.037 | 1182.257 | 1394.146 | 0.705 | 0.948 | 845.839 | 0.999 | 14.689 |
| 9/25/2018 0:30 | 1650600 | 11278 | 17043 | 26.04 | 1182.215 | 1394.094 | 0.705 | 0.948 | 845.87 | 0.999 | 14.688 |
| 9/25/2018 0:45 | 1651500 | 1128 | 17043 | 26.046 | 1182.217 | 1394.096 | 0.705 | 0.948 | 845.868 | 0.999 | 14.686 |
| 9/25/2018 1:00 | 1652400 | 11273 | 17042 | 26.03 | 1182.086 | 1393.952 | 0.705 | 0.948 | 845.962 | 0.999 | 14.691 |
| 9/25/2018 1:15 | 1653300 | 11277 | 17043 | 26.039 | 1182.023 | 1393.881 | 0.705 | 0.948 | 846.008 | 0.999 | 14.688 |
| 9/25/2018 1:30 | 1654200 | 11276 | 17043 | 26.036 | 1182.051 | 1393.899 | 0.705 | 0.948 | 845.987 | 0.999 | 14.688 |
| 9/25/2018 1:45 | 1655100 | 11276 | 17042 | 26.035 | 1182.03 | 1393.888 | 0.705 | 0.948 | 846.002 | 0.999 | 14.69 |
| 9/25/2018 2:00 | 1656000 | 11278 | 17043 | 26.04 | 1181.925 | 1393.74 | 0.704 | 0.948 | 846.077 | 0.999 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 11277 | 17043 | 26.038 | 1181.848 | 1393.666 | 0.704 | 0.948 | 846.132 | 0.999 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 11277 | 17043 | 26.038 | 1181.843 | 1393.662 | 0.704 | 0.948 | 846.136 | 0.999 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 11273 | 17043 | 26.03 | 1181.863 | 1393.79 | 0.704 | 0.948 | 846.122 | 0.999 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 11274 | 17043 | 26.031 | 1181.863 | 1393.681 | 0.704 | 0.948 | 846.122 | 0.999 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 11276 | 17043 | 26.037 | 1181.721 | 1393.512 | 0.704 | 0.948 | 846.224 | 0.999 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 11276 | 17043 | 26.037 | 1181.56 | 1393.326 | 0.704 | 0.947 | 846.339 | 0.999 | 14.686 |
| 9/25/2018 3:45 | 1662300 | 11274 | 17043 | 26.032 | 1181.611 | 1393.387 | 0.704 | 0.948 | 846.302 | 0.999 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 1127 | 17043 | 26.023 | 1181.627 | 1393.408 | 0.704 | 0.948 | 846.291 | 0.999 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 1128 | 17042 | 26.044 | 1181.44 | 1393.19 | 0.704 | 0.947 | 846.25 | 0.999 | 14.68 |
| 9/25/2018 4:30 | 1665000 | 11272 | 17042 | 26.026 | 1181.474 | 1393.231 | 0.704 | 0.947 | 846.4 | 0.999 | 14.681 |
| 9/25/2018 4:45 | 1665900 | 11273 | 17042 | 26.028 | 1181.546 | 1393.223 | 0.704 | 0.947 | 846.349 | 0.999 | 14.685 |
| 9/25/2018 5:00 | 1666800 | 11278 | 17042 | 26.04 | 1181.474 | 1393.233 | 0.704 | 0.947 | 846.4 | 0.999 | 14.678 |
| 9/25/2018 5:15 | 1667700 | 11275 | 17043 | 26.033 | 1181.368 | 1393.089 | 0.704 | 0.947 | 846.476 | 0.999 | 14.682 |
| 9/25/2018 5:30 | 1668600 | 11273 | 17043 | 26.029 | 1181.24 | 1392.951 | 0.704 | 0.947 | | | |

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|-----------------|---------|-------|-------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/26/2018 13:15 | 1782900 | 11243 | 17043 | 25.96 | 1174.25 | 1384.697 | 0.7 | 0.942 | 851.607 | 0.999 | 14.723 |
| 9/26/2018 13:30 | 1783800 | 11236 | 17042 | 25.943 | 1174.299 | 1384.769 | 0.7 | 0.942 | 851.572 | 0.999 | 14.733 |
| 9/26/2018 13:45 | 1784700 | 11239 | 17043 | 25.952 | 1174.147 | 1384.579 | 0.7 | 0.942 | 851.682 | 0.999 | 14.724 |
| 9/26/2018 14:00 | 1785600 | 11233 | 17042 | 25.937 | 1174.081 | 1384.512 | 0.7 | 0.941 | 851.73 | 0.999 | 14.73 |
| 9/26/2018 14:15 | 1786500 | 11239 | 17043 | 25.951 | 1174.043 | 1384.445 | 0.7 | 0.941 | 851.758 | 0.999 | 14.724 |
| 9/26/2018 14:30 | 1787400 | 11239 | 17042 | 25.951 | 1174.007 | 1384.425 | 0.7 | 0.941 | 851.784 | 0.999 | 14.724 |
| 9/26/2018 14:45 | 1788300 | 11243 | 17043 | 25.954 | 1174.08 | 1384.505 | 0.7 | 0.941 | 851.713 | 0.999 | 14.722 |
| 9/26/2018 15:00 | 1789200 | 11242 | 17043 | 25.959 | 1173.994 | 1384.399 | 0.7 | 0.941 | 851.793 | 0.999 | 14.719 |
| 9/26/2018 15:15 | 1790100 | 11239 | 17042 | 25.951 | 1174.003 | 1384.421 | 0.7 | 0.941 | 851.786 | 0.999 | 14.722 |
| 9/26/2018 15:30 | 1791000 | 11244 | 17043 | 25.962 | 1173.88 | 1384.265 | 0.699 | 0.941 | 851.876 | 0.999 | 14.716 |
| 9/26/2018 15:45 | 1791900 | 11237 | 17043 | 25.945 | 1173.857 | 1384.237 | 0.699 | 0.941 | 851.893 | 0.999 | 14.724 |
| 9/26/2018 16:00 | 1792800 | 11239 | 17043 | 25.95 | 1173.881 | 1384.268 | 0.699 | 0.941 | 851.875 | 0.999 | 14.723 |
| 9/26/2018 16:15 | 1793700 | 11238 | 17043 | 25.949 | 1173.847 | 1384.097 | 0.699 | 0.941 | 851.972 | 0.999 | 14.733 |
| 9/26/2018 16:30 | 1794600 | 1124 | 17042 | 25.953 | 1173.678 | 1384.037 | 0.699 | 0.941 | 852.022 | 0.999 | 14.721 |
| 9/26/2018 16:45 | 1795500 | 11245 | 17043 | 25.964 | 1173.516 | 1383.843 | 0.699 | 0.941 | 852.1 | 0.999 | 14.717 |
| 9/26/2018 17:00 | 1796400 | 11241 | 17043 | 25.956 | 1173.57 | 1383.904 | 0.699 | 0.941 | 852.101 | 0.999 | 14.72 |
| 9/26/2018 17:15 | 1797300 | 11245 | 17043 | 25.964 | 1173.39 | 1383.692 | 0.699 | 0.941 | 852.232 | 0.999 | 14.718 |
| 9/26/2018 17:30 | 1798200 | 1124 | 17043 | 25.952 | 1173.549 | 1383.88 | 0.699 | 0.941 | 852.116 | 0.999 | 14.724 |
| 9/26/2018 17:45 | 1799100 | 1124 | 17043 | 25.952 | 1173.383 | 1383.683 | 0.699 | 0.941 | 852.237 | 0.999 | 14.725 |
| 9/26/2018 18:00 | 1800000 | 11237 | 17042 | 25.946 | 1173.261 | 1383.546 | 0.699 | 0.941 | 852.325 | 0.999 | 14.727 |
| 9/26/2018 18:15 | 1800900 | 11238 | 17042 | 25.948 | 1173.286 | 1383.577 | 0.699 | 0.941 | 852.307 | 0.999 | 14.725 |
| 9/26/2018 18:30 | 1801800 | 1124 | 17043 | 25.953 | 1173.244 | 1383.522 | 0.699 | 0.941 | 852.338 | 0.999 | 14.722 |
| 9/26/2018 18:45 | 1802700 | 11234 | 17043 | 25.94 | 1173.134 | 1383.387 | 0.699 | 0.941 | 852.417 | 0.999 | 14.728 |
| 9/26/2018 19:00 | 1803600 | 11236 | 17043 | 25.943 | 1173.03 | 1383.241 | 0.699 | 0.941 | 852.493 | 0.999 | 14.727 |
| 9/26/2018 19:15 | 1804500 | 11232 | 17043 | 25.938 | 1172.992 | 1383.223 | 0.699 | 0.941 | 852.521 | 0.999 | 14.73 |
| 9/26/2018 19:30 | 1805400 | 11237 | 17043 | 25.946 | 1172.931 | 1383.147 | 0.699 | 0.941 | 852.565 | 0.999 | 14.723 |
| 9/26/2018 19:45 | 1806300 | 11243 | 17043 | 25.959 | 1172.786 | 1382.98 | 0.699 | 0.94 | 852.67 | 0.999 | 14.718 |
| 9/26/2018 20:00 | 1807200 | 1124 | 17043 | 25.952 | 1172.908 | 1383.115 | 0.699 | 0.941 | 852.582 | 0.999 | 14.72 |
| 9/26/2018 20:15 | 1808100 | 11241 | 17043 | 25.955 | 1172.898 | 1383.109 | 0.699 | 0.941 | 852.589 | 0.999 | 14.719 |
| 9/26/2018 20:30 | 1809000 | 11235 | 17042 | 25.941 | 1172.886 | 1383.103 | 0.699 | 0.941 | 852.598 | 0.999 | 14.724 |
| 9/26/2018 20:45 | 1809900 | 11237 | 17042 | 25.946 | 1172.761 | 1382.964 | 0.699 | 0.94 | 852.688 | 0.999 | 14.723 |
| 9/26/2018 21:00 | 1810800 | 11238 | 17042 | 25.947 | 1172.64 | 1382.813 | 0.699 | 0.94 | 852.777 | 0.999 | 14.722 |
| 9/26/2018 21:15 | 1811700 | 1124 | 17042 | 25.954 | 1172.518 | 1382.669 | 0.699 | 0.94 | 852.865 | 0.999 | 14.72 |
| 9/26/2018 21:30 | 1812600 | 1124 | 17043 | 25.953 | 1172.724 | 1382.909 | 0.699 | 0.94 | 852.716 | 0.999 | 14.719 |
| 9/26/2018 21:45 | 1813500 | 11234 | 17042 | 25.938 | 1172.569 | 1382.729 | 0.699 | 0.94 | 852.828 | 0.999 | 14.724 |
| 9/26/2018 22:00 | 1814400 | 11237 | 17043 | 25.945 | 1172.478 | 1382.613 | 0.699 | 0.94 | 852.895 | 0.999 | 14.722 |
| 9/26/2018 22:15 | 1815300 | 11232 | 17043 | 25.938 | 1172.699 | 1382.799 | 0.699 | 0.94 | 852.974 | 0.999 | 14.714 |
| 9/26/2018 22:30 | 1816200 | 11233 | 17043 | 25.937 | 1172.504 | 1382.636 | 0.699 | 0.94 | 852.876 | 0.999 | 14.725 |
| 9/26/2018 22:45 | 1817100 | 11236 | 17043 | 25.944 | 1172.381 | 1382.488 | 0.699 | 0.94 | 852.965 | 0.999 | 14.721 |
| 9/26/2018 23:00 | 1818000 | 11233 | 17043 | 25.936 | 1172.371 | 1382.492 | 0.699 | 0.94 | 852.973 | 0.999 | 14.724 |
| 9/26/2018 23:15 | 1818900 | 11233 | 17042 | 25.936 | 1172.249 | 1382.359 | 0.698 | 0.94 | 853.061 | 0.999 | 14.724 |
| 9/26/2018 23:30 | 1819800 | 11238 | 17043 | 25.947 | 1172.198 | 1382.286 | 0.698 | 0.94 | 853.098 | 0.999 | 14.719 |
| 9/26/2018 23:45 | 1820700 | 11237 | 17042 | 25.947 | 1172.088 | 1382.17 | 0.698 | 0.94 | 853.178 | 0.999 | 14.719 |
| 9/27/2018 0:00 | 1821600 | 11239 | 17043 | 25.952 | 1172.043 | 1382.174 | 0.698 | 0.94 | 853.165 | 0.999 | 14.714 |
| 9/27/2018 0:15 | 1822500 | 11239 | 17043 | 25.951 | 1171.948 | 1381.991 | 0.698 | 0.94 | 853.28 | 0.999 | 14.714 |
| 9/27/2018 0:30 | 1823400 | 11236 | 17043 | 25.943 | 1172.083 | 1382.146 | 0.698 | 0.94 | 853.182 | 0.999 | 14.715 |
| 9/27/2018 0:45 | 1824300 | 11236 | 17043 | 25.943 | 1171.917 | 1381.951 | 0.698 | 0.94 | 853.303 | 0.999 | 14.715 |
| 9/27/2018 1:00 | 1825200 | 11235 | 17043 | 25.941 | 1171.874 | 1381.902 | 0.698 | 0.94 | 853.334 | 0.999 | 14.715 |
| 9/27/2018 1:15 | 1826100 | 11234 | 17043 | 25.94 | 1171.886 | 1381.91 | 0.698 | 0.94 | 853.325 | 0.999 | 14.715 |
| 9/27/2018 1:30 | 1827000 | 11233 | 17042 | 25.937 | 1171.799 | 1381.92 | 0.698 | 0.94 | 853.331 | 0.999 | 14.714 |
| 9/27/2018 1:45 | 1827900 | 11238 | 17043 | 25.949 | 1171.855 | 1381.882 | 0.698 | 0.94 | 853.348 | 0.999 | 14.707 |
| 9/27/2018 2:00 | 1828800 | 11238 | 17043 | 25.948 | 1171.727 | 1381.728 | 0.698 | 0.94 | 853.441 | 0.999 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 11237 | 17042 | 25.945 | 1171.628 | 1381.625 | 0.698 | 0.94 | 853.513 | 0.999 | 14.705 |
| 9/27/2018 2:30 | 1830600 | 1124 | 17042 | 25.952 | 1171.558 | 1381.55 | 0.698 | 0.939 | 853.564 | 0.999 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 11234 | 17042 | 25.939 | 1171.439 | 1381.396 | 0.698 | 0.939 | 853.651 | 0.999 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 11234 | 17043 | 25.938 | 1171.517 | 1381.485 | 0.698 | 0.939 | 853.594 | 0.999 | 14.706 |
| 9/27/2018 3:15 | 1833300 | 11232 | 17043 | 25.935 | 1171.575 | 1381.554 | 0.698 | 0.939 | 853.552 | 0.999 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 11231 | 17043 | 25.933 | 1171.427 | 1381.376 | 0.698 | 0.939 | 853.66 | 0.999 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 11233 | 17043 | 25.936 | 1171.342 | 1381.269 | 0.698 | 0.939 | 853.721 | 0.999 | 14.705 |
| 9/27/2018 4:00 | 1836000 | 11235 | 17043 | 25.94 | 1171.328 | 1381.257 | 0.698 | 0.939 | 853.732 | 0.999 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 11236 | 17043 | 25.943 | 1171.281 | 1381.202 | 0.698 | 0.939 | 853.766 | 0.999 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 11239 | 17042 | 25.939 | 1171.145 | 1381.053 | 0.698 | 0.939 | 853.865 | 0.999 | 14.706 |
| 9/27/2018 4:45 | 1838700 | 11233 | 17043 | 25.936 | 1171.117 | 1381 | 0.698 | 0.939 | 853.886 | 0.999 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 11232 | 17042 | 25.934 | 1171.046 | 1380.939 | 0.698 | 0.939 | 853.937 | 0.999 | 14.702 |
| 9/27/2018 5:15 | 1840500 | 11227 | 17042 | 25.923 | 1170.925 | 1380.793 | 0.698 | 0.939 | 854.025 | 0.999 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 11233 | 17043 | 25.936 | 1170.871 | 1380.721 | 0.698 | 0.939 | 854.065 | 0.999 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 11226 | 17043 | 25.92 | 1170.877 | 1380.723 | 0.698 | 0.939 | 854.061 | 0.999 | 14.708 |
| 9/27/2018 6:00 | 1843200 | 11234 | 17043 | 25.938 | 1170.771 | 1380.629 | 0.698 | 0.939 | 854.134 | 0.999 | 14.699 |
| 9/27/2018 6:15 | 1844100 | 11232 | 17043 | 25.935 | 1170.805 | 1380.646 | 0.698 | 0.939 | 854.114 | 0.999 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 1122 | 17042 | 25.907 | 1170.662 | 1380.481 | 0.697 | 0.939 | 854.217 | 0.999 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 11226 | 17042 | 25.921 | 1170.5 | 1380.295 | 0.697 | 0.939 | 854.336 | 0.999 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 11229 | 17043 | 25.927 | 1170.375 | 1380.139 | 0.697 | 0.938 | 854.427 | 0.999 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 11222 | 17042 | 25.911 | 1170.388 | 1380.157 | 0.697 | 0.939 | 854.418 | 0.999 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 11243 | 17043 | 25.924 | 1170.234 | 1380.208 | 0.697 | 0.939 | 854.384 | 0.999 | 14.71 |
| 9/27/2018 7:45 | 1849500 | 11224 | 17043 | 25.915 | 1170.358 | 1380.109 | 0.697 | 0.938 | 854.439 | 0.999 | 14.714 |
| 9/27/2018 8:00 | 1850400 | 11227 | 17042 | 25.924 | 1170.246 | 1380.003 | 0.697 | 0.938 | 854.521 | 0.999 | 14.711 |
| 9/27/2018 8:15 | 1851300 | 11223 | 17042 | 25.913 | 1170.337 | 1380.099 | 0.697 | 0.938 | 854.455 | 0.999 | 14.718 |
| 9/27/2018 8:30 | 1852200 | 11231 | 17043 | 25.931 | 1170.224 | 1379.956 | 0.697 | 0.938 | 854.537 | 0.999 | 14.711 |
| 9/27/2018 8:45 | 1853100 | 11228 | 17042 | 25.926 | 1170.198 | 1379.939 | 0.697 | 0.938 | 854.556 | 0.999 | 14.715 |
| 9/27/2018 9:00 | 1854000 | 11229 | 17042 | 25.927 | 1170.205 | 1379.941 | 0.697 | 0.938 | 854.551 | 0.999 | 14.716 |
| 9/27/2018 9:15 | 1854900 | 11225 | 17042 | 25.918 | 1170.172 | 1379.913 | 0.697 | 0.938 | 854.575 | 0.999 | 14.72 |
| 9/27/2018 9:30 | 1855800 | 11225 | 17042 | 25.917 | 1170.145 | 1379.87 | 0.697 | 0.938 | 854.595 | 0.999 | 14.722 |
| 9/27/2018 9:45 | 1856700 | 11221 | 17042 | 25.91 | 1170.119 | 1379.845 | 0.697 | 0.938 | 854.614 | 0.999 | 14.724 |
| 9/27/2018 10:00 | 1857600 | 11227 | 17042 | 25.923 | 1170.142 | 1379.872 | 0.697 | 0.938 | 854.597 | 0.999 | 14.719 |
| 9/27/2018 10:15 | 1858500 | 11222 | 17042 | 25.911 | 1170.017 | 1379.725 | 0.697 | 0.938 | 854.688 | 0.999 | |

| | | | | | | | | | | | |
|-----------------|---------|--------|-------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/28/2018 18:00 | 1972800 | 11.2 | 17042 | 25.86 | 1162.202 | 1370.503 | 0.692 | 0.932 | 860.436 | 0.999 | 14.658 |
| 9/28/2018 18:15 | 1973700 | 11.201 | 17042 | 25.864 | 1161.924 | 1370.176 | 0.692 | 0.932 | 860.641 | 0.999 | 14.657 |
| 9/28/2018 18:30 | 1974600 | 11.198 | 17043 | 25.855 | 1162.021 | 1370.275 | 0.692 | 0.932 | 860.569 | 0.999 | 14.666 |
| 9/28/2018 18:45 | 1975500 | 11.2 | 17042 | 25.86 | 1162.079 | 1370.359 | 0.692 | 0.932 | 860.527 | 0.999 | 14.658 |
| 9/28/2018 19:00 | 1976400 | 11.201 | 17042 | 25.862 | 1161.851 | 1370.104 | 0.692 | 0.932 | 860.695 | 0.999 | 14.657 |
| 9/28/2018 19:15 | 1977300 | 11.199 | 17042 | 25.859 | 1161.88 | 1370.071 | 0.692 | 0.932 | 860.711 | 0.999 | 14.666 |
| 9/28/2018 19:30 | 1978200 | 11.199 | 17042 | 25.859 | 1161.866 | 1370.107 | 0.692 | 0.932 | 860.685 | 0.999 | 14.661 |
| 9/28/2018 19:45 | 1979100 | 11.204 | 17043 | 25.871 | 1161.713 | 1369.919 | 0.692 | 0.932 | 860.798 | 0.999 | 14.657 |
| 9/28/2018 20:00 | 1980000 | 11.198 | 17043 | 25.855 | 1161.587 | 1369.773 | 0.692 | 0.931 | 860.891 | 0.999 | 14.664 |
| 9/28/2018 20:15 | 1980900 | 11.199 | 17043 | 25.858 | 1161.485 | 1369.653 | 0.692 | 0.931 | 860.967 | 0.999 | 14.662 |
| 9/28/2018 20:30 | 1981800 | 11.198 | 17042 | 25.856 | 1161.383 | 1369.539 | 0.692 | 0.931 | 861.042 | 0.999 | 14.666 |
| 9/28/2018 20:45 | 1982700 | 11.196 | 17043 | 25.851 | 1161.305 | 1369.501 | 0.692 | 0.931 | 861.056 | 0.999 | 14.67 |
| 9/28/2018 21:00 | 1983600 | 11.199 | 17042 | 25.858 | 1161.345 | 1369.519 | 0.692 | 0.931 | 861.106 | 0.999 | 14.668 |
| 9/28/2018 21:15 | 1984500 | 11.199 | 17042 | 25.858 | 1161.216 | 1369.342 | 0.692 | 0.931 | 861.166 | 0.999 | 14.667 |
| 9/28/2018 21:30 | 1985400 | 11.196 | 17043 | 25.851 | 1161.272 | 1369.392 | 0.692 | 0.931 | 861.124 | 0.999 | 14.672 |
| 9/28/2018 21:45 | 1986300 | 11.205 | 17042 | 25.873 | 1161.171 | 1369.291 | 0.692 | 0.931 | 861.199 | 0.999 | 14.663 |
| 9/28/2018 22:00 | 1987200 | 11.199 | 17042 | 25.859 | 1161.047 | 1369.148 | 0.692 | 0.931 | 861.291 | 0.999 | 14.668 |
| 9/28/2018 22:15 | 1988100 | 11.197 | 17042 | 25.854 | 1160.935 | 1369.015 | 0.691 | 0.931 | 861.375 | 0.999 | 14.667 |
| 9/28/2018 22:30 | 1989000 | 11.2 | 17042 | 25.86 | 1160.921 | 1368.751 | 0.691 | 0.931 | 861.359 | 0.999 | 14.668 |
| 9/28/2018 22:45 | 1989900 | 11.194 | 17042 | 25.848 | 1160.688 | 1368.743 | 0.691 | 0.931 | 861.558 | 0.999 | 14.675 |
| 9/28/2018 23:00 | 1990800 | 11.198 | 17042 | 25.855 | 1160.742 | 1368.793 | 0.691 | 0.931 | 861.518 | 0.999 | 14.672 |
| 9/28/2018 23:15 | 1991700 | 11.191 | 17042 | 25.84 | 1160.583 | 1368.6 | 0.691 | 0.931 | 861.636 | 0.999 | 14.68 |
| 9/28/2018 23:30 | 1992600 | 11.207 | 17043 | 25.877 | 1160.364 | 1368.332 | 0.691 | 0.93 | 861.798 | 0.999 | 14.665 |
| 9/28/2018 23:45 | 1993500 | 11.204 | 17043 | 25.869 | 1160.431 | 1368.413 | 0.691 | 0.931 | 861.749 | 0.999 | 14.669 |
| 9/29/2018 00:00 | 1994400 | 11.198 | 17042 | 25.856 | 1160.386 | 1368.366 | 0.691 | 0.93 | 861.782 | 0.999 | 14.674 |
| 9/29/2018 00:15 | 1995300 | 11.193 | 17042 | 25.843 | 1160.111 | 1368.047 | 0.691 | 0.93 | 861.986 | 0.999 | 14.68 |
| 9/29/2018 00:30 | 1996200 | 11.196 | 17043 | 25.85 | 1160.016 | 1367.923 | 0.691 | 0.93 | 862.057 | 0.999 | 14.675 |
| 9/29/2018 00:45 | 1997100 | 11.198 | 17042 | 25.856 | 1160.098 | 1368.031 | 0.691 | 0.93 | 861.996 | 0.999 | 14.672 |
| 9/29/2018 01:00 | 1998000 | 11.197 | 17042 | 25.853 | 1160.017 | 1367.93 | 0.691 | 0.93 | 862.056 | 0.999 | 14.674 |
| 9/29/2018 11:15 | 1998900 | 11.194 | 17042 | 25.847 | 1159.91 | 1367.818 | 0.691 | 0.93 | 862.136 | 0.999 | 14.675 |
| 9/29/2018 11:30 | 1999800 | 11.196 | 17043 | 25.852 | 1159.827 | 1367.701 | 0.691 | 0.93 | 862.197 | 0.999 | 14.672 |
| 9/29/2018 11:45 | 2000700 | 11.191 | 17042 | 25.839 | 1159.853 | 1367.751 | 0.691 | 0.93 | 862.178 | 0.999 | 14.671 |
| 9/29/2018 12:00 | 2001600 | 11.192 | 17042 | 25.842 | 1159.655 | 1367.514 | 0.691 | 0.93 | 862.325 | 0.999 | 14.675 |
| 9/29/2018 12:15 | 2002500 | 11.196 | 17042 | 25.851 | 1159.618 | 1367.459 | 0.691 | 0.93 | 862.353 | 0.999 | 14.673 |
| 9/29/2018 12:30 | 2003400 | 11.193 | 17043 | 25.844 | 1159.526 | 1367.338 | 0.691 | 0.93 | 862.421 | 0.999 | 14.675 |
| 9/29/2018 12:45 | 2004300 | 11.189 | 17042 | 25.836 | 1159.41 | 1367.225 | 0.69 | 0.93 | 862.507 | 0.999 | 14.679 |
| 9/29/2018 13:00 | 2005200 | 11.193 | 17042 | 25.844 | 1159.385 | 1367.169 | 0.69 | 0.93 | 862.527 | 0.999 | 14.675 |
| 9/29/2018 13:15 | 2006100 | 11.195 | 17042 | 25.849 | 1159.308 | 1367.1 | 0.69 | 0.93 | 862.582 | 0.999 | 14.672 |
| 9/29/2018 13:30 | 2007000 | 11.201 | 17042 | 25.863 | 1159.154 | 1366.923 | 0.69 | 0.93 | 862.698 | 0.999 | 14.665 |
| 9/29/2018 13:45 | 2007900 | 11.187 | 17042 | 25.83 | 1158.996 | 1366.728 | 0.69 | 0.929 | 862.816 | 0.999 | 14.678 |
| 9/29/2018 14:00 | 2008800 | 11.193 | 17042 | 25.845 | 1158.865 | 1366.572 | 0.69 | 0.929 | 862.913 | 0.999 | 14.671 |
| 9/29/2018 14:15 | 2009700 | 11.195 | 17042 | 25.848 | 1158.764 | 1366.455 | 0.69 | 0.929 | 862.988 | 0.999 | 14.668 |
| 9/29/2018 14:30 | 2010600 | 11.197 | 17043 | 25.853 | 1158.697 | 1366.368 | 0.69 | 0.929 | 863.039 | 0.999 | 14.666 |
| 9/29/2018 14:45 | 2011500 | 11.188 | 17042 | 25.833 | 1158.488 | 1366.359 | 0.69 | 0.929 | 863.063 | 0.999 | 14.676 |
| 9/29/2018 15:00 | 2012400 | 11.195 | 17042 | 25.85 | 1158.696 | 1366.372 | 0.69 | 0.929 | 863.039 | 0.999 | 14.67 |
| 9/29/2018 15:15 | 2013300 | 11.195 | 17042 | 25.848 | 1158.672 | 1366.352 | 0.69 | 0.929 | 863.057 | 0.999 | 14.671 |
| 9/29/2018 15:30 | 2014200 | 11.193 | 17043 | 25.843 | 1158.478 | 1366.099 | 0.69 | 0.929 | 863.201 | 0.999 | 14.674 |
| 9/29/2018 15:45 | 2015100 | 11.191 | 17042 | 25.841 | 1158.358 | 1365.979 | 0.69 | 0.929 | 863.291 | 0.999 | 14.678 |
| 9/29/2018 16:00 | 2016000 | 11.188 | 17042 | 25.833 | 1158.413 | 1366.035 | 0.69 | 0.929 | 863.25 | 0.999 | 14.686 |
| 9/29/2018 16:15 | 2016900 | 11.195 | 17042 | 25.848 | 1158.251 | 1365.861 | 0.69 | 0.929 | 863.271 | 0.999 | 14.676 |
| 9/29/2018 16:30 | 2017800 | 11.187 | 17042 | 25.831 | 1158.126 | 1365.708 | 0.69 | 0.929 | 863.464 | 0.999 | 14.684 |
| 9/29/2018 16:45 | 2018700 | 11.19 | 17042 | 25.838 | 1158.102 | 1365.677 | 0.69 | 0.929 | 863.482 | 0.999 | 14.683 |
| 9/29/2018 17:00 | 2019600 | 11.187 | 17042 | 25.83 | 1157.974 | 1365.527 | 0.69 | 0.929 | 863.577 | 0.999 | 14.682 |
| 9/29/2018 17:15 | 2020500 | 11.191 | 17042 | 25.84 | 1157.823 | 1365.348 | 0.69 | 0.928 | 863.69 | 0.999 | 14.682 |
| 9/29/2018 17:30 | 2021400 | 11.189 | 17042 | 25.834 | 1157.678 | 1365.183 | 0.689 | 0.928 | 863.798 | 0.999 | 14.684 |
| 9/29/2018 17:45 | 2022300 | 11.191 | 17042 | 25.839 | 1157.501 | 1364.969 | 0.689 | 0.928 | 863.93 | 0.999 | 14.683 |
| 9/29/2018 18:00 | 2023200 | 11.186 | 17043 | 25.829 | 1157.439 | 1364.879 | 0.689 | 0.928 | 863.977 | 0.999 | 14.687 |
| 9/29/2018 18:15 | 2024100 | 11.182 | 17042 | 25.818 | 1157.423 | 1364.877 | 0.689 | 0.928 | 863.988 | 0.999 | 14.692 |
| 9/29/2018 18:30 | 2025000 | 11.185 | 17042 | 25.826 | 1157.409 | 1364.863 | 0.689 | 0.928 | 863.999 | 0.999 | 14.69 |
| 9/29/2018 18:45 | 2025900 | 11.185 | 17042 | 25.827 | 1157.37 | 1364.814 | 0.689 | 0.928 | 864.028 | 0.999 | 14.691 |
| 9/29/2018 19:00 | 2026800 | 11.181 | 17042 | 25.818 | 1157.202 | 1364.624 | 0.689 | 0.928 | 864.153 | 0.999 | 14.695 |
| 9/29/2018 19:15 | 2027700 | 11.185 | 17043 | 25.825 | 1157.056 | 1364.433 | 0.689 | 0.928 | 864.262 | 0.999 | 14.695 |
| 9/29/2018 19:30 | 2028600 | 11.185 | 17042 | 25.825 | 1156.984 | 1364.351 | 0.689 | 0.928 | 864.316 | 0.999 | 14.696 |
| 9/29/2018 19:45 | 2029500 | 11.186 | 17042 | 25.827 | 1156.894 | 1364.244 | 0.689 | 0.928 | 864.384 | 0.999 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 11.189 | 17042 | 25.836 | 1156.871 | 1364.22 | 0.689 | 0.928 | 864.401 | 0.999 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 11.187 | 17042 | 25.83 | 1156.771 | 1364.1 | 0.689 | 0.928 | 864.475 | 0.999 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 11.182 | 17043 | 25.818 | 1156.636 | 1363.938 | 0.689 | 0.927 | 864.576 | 0.999 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 11.184 | 17042 | 25.821 | 1156.71 | 1363.924 | 0.689 | 0.927 | 864.574 | 0.999 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 11.188 | 17042 | 25.832 | 1156.257 | 1363.507 | 0.689 | 0.927 | 864.86 | 0.999 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 11.186 | 17042 | 25.827 | 1156.211 | 1363.442 | 0.688 | 0.927 | 864.894 | 0.999 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 11.188 | 17042 | 25.832 | 1156.155 | 1363.386 | 0.688 | 0.927 | 864.936 | 0.999 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 11.188 | 17043 | 25.832 | 1156.017 | 1363.205 | 0.688 | 0.927 | 865.039 | 0.999 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 11.184 | 17042 | 25.824 | 1156.033 | 1363.237 | 0.688 | 0.927 | 865.027 | 0.999 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 11.186 | 17042 | 25.835 | 1155.911 | 1363.093 | 0.688 | 0.927 | 865.119 | 0.999 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 11.183 | 17043 | 25.82 | 1155.786 | 1362.928 | 0.688 | 0.927 | 865.212 | 0.999 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 11.175 | 17042 | 25.802 | 1155.708 | 1362.854 | 0.688 | 0.927 | 865.27 | 0.999 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 11.182 | 17042 | 25.819 | 1155.57 | 1362.686 | 0.688 | 0.927 | 865.374 | 0.999 | 14.69 |
| 9/29/2018 13:15 | 2042100 | 11.183 | 17042 | 25.822 | 1155.426 | 1362.516 | 0.688 | 0.927 | 865.482 | 0.999 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 11.184 | 17042 | 25.824 | 1155.296 | 1362.371 | 0.688 | 0.926 | 865.579 | 0.999 | 14.686 |
| 9/29/2018 13:45 | 2043900 | 11.178 | 17042 | 25.809 | 1155.046 | 1362.071 | 0.688 | 0.926 | 865.766 | 0.999 | 14.69 |
| 9/29/2018 14:00 | 2044800 | 11.182 | 17042 | 25.82 | 1154.905 | 1361.912 | 0.688 | 0.926 | 865.872 | 0.999 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 11.179 | 17042 | 25.811 | 1154.912 | 1361.916 | 0.688 | 0.926 | 865.867 | 0.999 | 14.686 |
| 9/29/2018 14:30 | 2046600 | 11.18 | 17042 | 25.813 | 1154.77 | 1361.748 | 0.688 | 0.926 | 865.973 | 0.999 | 14.684 |
| 9/29/2018 14:45 | 2047500 | 11.176 | 17043 | 25.806 | 1154.858 | 1361.839 | 0.688 | 0.926 | 865.907 | 0.999 | 14.686 |

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|-----------------|-----------|-------|-------|--------|----------|----------|------|-------|---------|-------|--------|
| 9/30/2018 22:45 | 2162700 | 11159 | 17043 | 25.765 | 1142.84 | 1347.656 | 0.68 | 0.916 | 875.013 | 0.999 | 14.667 |
| 9/30/2018 23:00 | 2163600 | 11153 | 17043 | 25.753 | 1142.886 | 1347.707 | 0.68 | 0.916 | 874.978 | 0.999 | 14.672 |
| 9/30/2018 23:15 | 2164500 | 11157 | 17043 | 25.761 | 1142.792 | 1347.585 | 0.68 | 0.916 | 875.05 | 0.999 | 14.669 |
| 9/30/2018 23:30 | 2165400 | 1116 | 17043 | 25.767 | 1142.738 | 1347.528 | 0.68 | 0.916 | 875.091 | 0.999 | 14.666 |
| 9/30/2018 23:45 | 2166300 | 11155 | 17043 | 25.757 | 1142.8 | 1347.601 | 0.68 | 0.916 | 875.044 | 0.999 | 14.671 |
| 10/1/2018 0:00 | 2167200 | 11156 | 17044 | 25.758 | 1142.714 | 1347.486 | 0.68 | 0.916 | 875.11 | 0.999 | 14.672 |
| 10/1/2018 0:15 | 2168100 | 11154 | 17043 | 25.754 | 1142.756 | 1347.543 | 0.68 | 0.916 | 875.078 | 0.999 | 14.673 |
| 10/1/2018 0:30 | 2169000 | 11158 | 17044 | 25.764 | 1142.72 | 1347.496 | 0.68 | 0.916 | 875.105 | 0.999 | 14.67 |
| 10/1/2018 0:45 | 2169900 | 11156 | 17044 | 25.759 | 1142.66 | 1347.425 | 0.68 | 0.916 | 875.151 | 0.999 | 14.672 |
| 10/1/2018 1:00 | 2170800 | 11157 | 17043 | 25.76 | 1142.476 | 1347.211 | 0.68 | 0.916 | 875.292 | 0.999 | 14.671 |
| 10/1/2018 1:15 | 2171700 | 11157 | 17044 | 25.761 | 1142.59 | 1347.342 | 0.68 | 0.916 | 875.205 | 0.999 | 14.671 |
| 10/1/2018 1:30 | 2172600 | 11154 | 17044 | 25.753 | 1142.496 | 1347.223 | 0.68 | 0.916 | 875.277 | 0.999 | 14.675 |
| 10/1/2018 1:45 | 2173500 | 11153 | 17044 | 25.751 | 1142.602 | 1347.352 | 0.68 | 0.916 | 875.195 | 0.999 | 14.676 |
| 10/1/2018 2:00 | 2174400 | 11153 | 17044 | 25.753 | 1142.61 | 1347.359 | 0.68 | 0.916 | 875.189 | 0.999 | 14.675 |
| 10/1/2018 2:15 | 2175300 | 11153 | 17044 | 25.752 | 1142.592 | 1347.337 | 0.68 | 0.916 | 875.203 | 0.999 | 14.677 |
| 10/1/2018 2:30 | 2176200 | 1116 | 17044 | 25.768 | 1142.445 | 1347.162 | 0.68 | 0.916 | 875.315 | 0.999 | 14.67 |
| 10/1/2018 2:45 | 2177100 | 11149 | 17044 | 25.744 | 1142.628 | 1347.377 | 0.68 | 0.916 | 875.175 | 0.999 | 14.668 |
| 10/1/2018 3:00 | 2178000 | 11159 | 17044 | 25.766 | 1142.597 | 1347.346 | 0.68 | 0.916 | 875.199 | 0.999 | 14.668 |
| 10/1/2018 3:15 | 2178900 | 11152 | 17044 | 25.75 | 1142.46 | 1347.114 | 0.68 | 0.916 | 875.338 | 0.999 | 14.674 |
| 10/1/2018 3:30 | 2179800 | 11158 | 17044 | 25.764 | 1142.571 | 1347.301 | 0.68 | 0.916 | 875.219 | 0.999 | 14.667 |
| 10/1/2018 3:45 | 2180700 | 11154 | 17044 | 25.753 | 1142.652 | 1347.408 | 0.68 | 0.916 | 875.157 | 0.999 | 14.671 |
| 10/1/2018 4:00 | 2181600 | 11161 | 17045 | 25.771 | 1142.6 | 1347.322 | 0.68 | 0.916 | 875.197 | 0.999 | 14.663 |
| 10/1/2018 4:15 | 2182500 | 11155 | 17045 | 25.756 | 1142.527 | 1347.234 | 0.68 | 0.916 | 875.253 | 0.999 | 14.667 |
| 10/1/2018 4:30 | 2183400 | 11159 | 17045 | 25.766 | 1142.606 | 1347.332 | 0.68 | 0.916 | 875.192 | 0.999 | 14.663 |
| 10/1/2018 4:45 | 2184300 | 11157 | 17045 | 25.761 | 1142.655 | 1347.387 | 0.68 | 0.916 | 875.155 | 0.999 | 14.663 |
| 10/1/2018 5:00 | 2185200 | 11154 | 17045 | 25.754 | 1142.622 | 1347.348 | 0.68 | 0.916 | 875.18 | 0.999 | 14.667 |
| 10/1/2018 5:15 | 2186100 | 11152 | 17045 | 25.75 | 1142.483 | 1347.163 | 0.68 | 0.916 | 875.286 | 0.999 | 14.669 |
| 10/1/2018 5:30 | 2187000 | 11151 | 17045 | 25.747 | 1142.499 | 1347.185 | 0.68 | 0.916 | 875.274 | 0.999 | 14.672 |
| 10/1/2018 5:45 | 2187900 | 11149 | 17045 | 25.742 | 1142.582 | 1347.293 | 0.68 | 0.916 | 875.211 | 0.999 | 14.673 |
| 10/1/2018 6:00 | 2188800 | 11152 | 17045 | 25.751 | 1142.682 | 1347.395 | 0.68 | 0.916 | 875.134 | 0.999 | 14.669 |
| 10/1/2018 6:15 | 2189700 | 1115 | 17045 | 25.745 | 1142.35 | 1347.25 | 0.68 | 0.916 | 875.235 | 0.999 | 14.672 |
| 10/1/2018 6:30 | 2190600 | 11156 | 17045 | 25.759 | 1142.67 | 1347.384 | 0.68 | 0.916 | 875.143 | 0.999 | 14.667 |
| 10/1/2018 6:45 | 2191500 | 1115 | 17046 | 25.745 | 1142.651 | 1347.343 | 0.68 | 0.916 | 875.158 | 0.999 | 14.671 |
| 10/1/2018 7:00 | 2192400 | 11148 | 17046 | 25.74 | 1142.468 | 1347.14 | 0.68 | 0.916 | 875.298 | 0.999 | 14.677 |
| 10/1/2018 7:15 | 2193300 | 11142 | 17046 | 25.727 | 1142.453 | 1347.104 | 0.68 | 0.916 | 875.309 | 0.999 | 14.685 |
| 10/1/2018 7:30 | 2194200 | 11147 | 17046 | 25.739 | 1142.636 | 1347.323 | 0.68 | 0.916 | 875.169 | 0.999 | 14.683 |
| 10/1/2018 7:45 | 2195100 | 11142 | 17047 | 25.727 | 1142.617 | 1347.283 | 0.68 | 0.916 | 875.183 | 0.999 | 14.689 |
| 10/1/2018 8:00 | 2196000 | 11147 | 17047 | 25.737 | 1142.709 | 1347.387 | 0.68 | 0.916 | 875.112 | 0.999 | 14.686 |
| 10/1/2018 8:15 | 2196900 | 11149 | 17047 | 25.742 | 1142.76 | 1347.449 | 0.68 | 0.916 | 875.075 | 0.999 | 14.685 |
| 10/1/2018 8:30 | 2197800 | 11145 | 17047 | 25.734 | 1142.719 | 1347.397 | 0.68 | 0.916 | 875.105 | 0.999 | 14.689 |
| 10/1/2018 8:45 | 2198700 | 11151 | 17047 | 25.748 | 1142.743 | 1347.43 | 0.68 | 0.916 | 875.088 | 0.999 | 14.682 |
| 10/1/2018 9:00 | 2199600 | 11146 | 17046 | 25.736 | 1142.781 | 1347.483 | 0.68 | 0.916 | 875.058 | 0.999 | 14.687 |
| 10/1/2018 9:15 | 2200500 | 11145 | 17047 | 25.734 | 1142.776 | 1347.466 | 0.68 | 0.916 | 875.062 | 0.999 | 14.688 |
| 10/1/2018 9:30 | 2201400 | 11143 | 17047 | 25.733 | 1142.875 | 1347.572 | 0.68 | 0.916 | 874.987 | 0.999 | 14.689 |
| 10/1/2018 9:45 | 2202300 | 11152 | 17047 | 25.751 | 1142.985 | 1347.716 | 0.68 | 0.916 | 874.902 | 0.999 | 14.677 |
| 10/1/2018 10:00 | 2203200 | 11152 | 17046 | 25.749 | 1142.988 | 1347.724 | 0.68 | 0.916 | 874.9 | 0.999 | 14.677 |
| 10/1/2018 10:15 | 2204100 | 11146 | 17047 | 25.736 | 1142.843 | 1347.535 | 0.68 | 0.916 | 875.011 | 0.999 | 14.681 |
| 10/1/2018 10:30 | 2205000 | 11149 | 17047 | 25.743 | 1142.995 | 1347.73 | 0.68 | 0.916 | 874.894 | 0.999 | 14.679 |
| 10/1/2018 10:45 | 2205900 | 11146 | 17047 | 25.736 | 1143.171 | 1347.924 | 0.68 | 0.917 | 874.76 | 0.999 | 14.679 |
| 10/1/2018 11:00 | 2206800 | 11148 | 17047 | 25.74 | 1143.179 | 1347.939 | 0.68 | 0.917 | 874.753 | 0.999 | 14.675 |
| 10/1/2018 11:15 | 2207700 | 11144 | 17047 | 25.732 | 1143.171 | 1347.923 | 0.68 | 0.917 | 874.76 | 0.999 | 14.678 |
| 10/1/2018 11:30 | 2208600 | 11149 | 17047 | 25.743 | 1143.145 | 1347.896 | 0.68 | 0.917 | 874.78 | 0.999 | 14.671 |
| 10/1/2018 11:45 | 2209500 | 11144 | 17046 | 25.73 | 1143.334 | 1348.132 | 0.68 | 0.917 | 874.635 | 0.999 | 14.672 |
| 10/1/2018 12:00 | 2210400 | 11146 | 17047 | 25.735 | 1143.402 | 1348.209 | 0.68 | 0.917 | 874.583 | 0.999 | 14.667 |
| 10/1/2018 12:15 | 2211300 | 11144 | 17047 | 25.731 | 1143.381 | 1348.174 | 0.68 | 0.917 | 874.599 | 0.999 | 14.665 |
| 10/1/2018 12:30 | 2212200 | 11146 | 17047 | 25.735 | 1143.476 | 1348.294 | 0.68 | 0.917 | 874.527 | 0.999 | 14.662 |
| 10/1/2018 12:45 | 2213100 | 11146 | 17047 | 25.736 | 1143.516 | 1348.323 | 0.68 | 0.917 | 874.495 | 0.999 | 14.658 |
| 10/1/2018 13:00 | 2214000 | 11146 | 17047 | 25.736 | 1143.539 | 1348.363 | 0.68 | 0.917 | 874.479 | 0.999 | 14.657 |
| 10/1/2018 13:15 | 2214900 | 11146 | 17047 | 25.736 | 1143.604 | 1348.426 | 0.68 | 0.917 | 874.43 | 0.999 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 11142 | 17047 | 25.727 | 1143.776 | 1348.635 | 0.68 | 0.917 | 874.297 | 0.999 | 14.655 |
| 10/1/2018 13:45 | 2216700 | 11143 | 17047 | 25.728 | 1143.8 | 1348.66 | 0.68 | 0.917 | 874.279 | 0.999 | 14.652 |
| 10/1/2018 14:00 | 2217600 | 11144 | 17048 | 25.731 | 1143.939 | 1348.688 | 0.68 | 0.917 | 874.171 | 0.999 | 14.649 |
| 10/1/2018 14:15 | 2218500 | 11143 | 17048 | 25.729 | 1144.027 | 1348.907 | 0.68 | 0.917 | 874.105 | 0.999 | 14.646 |
| 10/1/2018 14:30 | 2219400 | 11144 | 17048 | 25.731 | 1143.972 | 1348.831 | 0.68 | 0.917 | 874.147 | 0.999 | 14.644 |
| 10/1/2018 14:45 | 2220300 | 11143 | 17048 | 25.73 | 1144.103 | 1348.985 | 0.68 | 0.917 | 874.047 | 0.999 | 14.643 |
| 10/1/2018 15:00 | 2221200 | 11142 | 17048 | 25.726 | 1144.271 | 1349.186 | 0.68 | 0.917 | 873.919 | 0.999 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 11139 | 17048 | 25.719 | 1144.362 | 1349.294 | 0.68 | 0.918 | 873.849 | 0.999 | 14.644 |
| 10/1/2018 15:30 | 2223000 | 11139 | 17048 | 25.719 | 1144.555 | 1349.505 | 0.68 | 0.918 | 873.862 | 0.999 | 14.642 |
| 10/1/2018 15:45 | 2223900 | 11142 | 17048 | 25.726 | 1144.482 | 1349.446 | 0.68 | 0.918 | 873.758 | 0.999 | 14.638 |
| 10/1/2018 16:00 | 2224800 | 1114 | 17048 | 25.722 | 1144.546 | 1349.511 | 0.68 | 0.918 | 873.709 | 0.999 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 1114 | 17048 | 25.722 | 1144.752 | 1349.759 | 0.68 | 0.918 | 873.551 | 0.999 | 14.64 |
| 10/1/2018 16:30 | 2226600 | 11141 | 17047 | 25.723 | 1144.785 | 1349.816 | 0.68 | 0.918 | 873.527 | 0.999 | 14.632 |
| 10/1/2018 16:45 | 2227500 | 1114 | 17048 | 25.722 | 1144.883 | 1349.913 | 0.68 | 0.918 | 873.452 | 0.999 | 14.638 |
| 10/1/2018 17:00 | 2228400 | 11138 | 17047 | 25.717 | 1145.035 | 1350.108 | 0.68 | 0.918 | 873.336 | 0.999 | 14.64 |
| 10/1/2018 17:15 | 2229300 | 11145 | 17048 | 25.734 | 1144.988 | 1350.035 | 0.68 | 0.918 | 873.371 | 0.999 | 14.632 |
| 10/1/2018 17:30 | 2230200 | 11143 | 17047 | 25.73 | 1145.077 | 1350.16 | 0.68 | 0.918 | 873.304 | 0.999 | 14.635 |
| 10/1/2018 17:45 | 2231100 | 11137 | 17048 | 25.714 | 1145.315 | 1350.434 | 0.68 | 0.918 | 873.122 | 0.999 | 14.641 |
| 10/1/2018 18:00 | 2232000 | 11146 | 17048 | 25.736 | 1145.265 | 1350.366 | 0.68 | 0.918 | 873.16 | 0.999 | 14.631 |
| 10/1/2018 18:15 | 2232900 | 1114 | 17048 | 25.721 | 1145.43 | 1350.56 | 0.68 | 0.918 | 873.035 | 0.999 | 14.639 |
| 10/1/2018 18:30 | 2233800 | 1114 | 17048 | 25.722 | 1145.377 | 1350.489 | 0.68 | 0.918 | 873.075 | 0.999 | 14.636 |
| 10/1/2018 18:45 | 2234700 | 11145 | 17048 | 25.733 | 1145.006 | 1350.76 | 0.68 | 0.919 | 872.921 | 0.999 | 14.63 |
| 10/1/2018 19:00 | 2235600 | 11141 | 17048 | 25.725 | 1145.748 | 1350.917 | 0.68 | 0.919 | 872.792 | 0.999 | 14.634 |
| 10/1/2018 19:15 | 2236500 | 11142 | 17049 | 25.726 | 1145.766 | 1350.933 | 0.68 | 0.919 | 872.778 | 0.999 | 14.632 |
| 10/1/2018 19:30 | 2237400 | 11141 | 17049 | 25.723 | 1145.802 | 1350.978 | 0.68 | 0.919 | 872.751 | 0.999 | 14.632 |
| 10/1/2018 19:45 | 2238300 | 11149 | 17049 | 25.742 | 1145.927 | 1351.126 | 0.68 | 0.919 | 872.656 | 0.999 | 14.624 |
| 10/1/2018 20:00 | 2239200</ | | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 10/3/2018 3:30 | 2352600 | 11.111 | 17.056 | 25.656 | 1162.132 | 1370.008 | 0.692 | 0.932 | 860.487 | 0.999 | 14.666 |
| 10/3/2018 3:45 | 2353500 | 11.107 | 17.056 | 25.645 | 1162.27 | 1370.179 | 0.692 | 0.932 | 860.385 | 0.999 | 14.669 |
| 10/3/2018 4:00 | 2354400 | 11.109 | 17.056 | 25.651 | 1162.4 | 1370.321 | 0.692 | 0.932 | 860.289 | 0.999 | 14.665 |
| 10/3/2018 4:15 | 2355300 | 11.111 | 17.056 | 25.655 | 1162.509 | 1370.439 | 0.692 | 0.932 | 860.208 | 0.999 | 14.663 |
| 10/3/2018 4:30 | 2356200 | 11.108 | 17.055 | 25.647 | 1162.636 | 1370.616 | 0.692 | 0.932 | 860.114 | 0.999 | 14.665 |
| 10/3/2018 4:45 | 2357100 | 11.113 | 17.056 | 25.661 | 1162.786 | 1370.781 | 0.692 | 0.932 | 860.004 | 0.999 | 14.658 |
| 10/3/2018 5:00 | 2358000 | 11.105 | 17.055 | 25.641 | 1162.914 | 1370.941 | 0.692 | 0.932 | 859.909 | 0.999 | 14.666 |
| 10/3/2018 5:15 | 2358900 | 11.106 | 17.056 | 25.643 | 1162.943 | 1370.964 | 0.692 | 0.932 | 859.887 | 0.999 | 14.665 |
| 10/3/2018 5:30 | 2359800 | 11.111 | 17.056 | 25.655 | 1163.311 | 1371.396 | 0.693 | 0.933 | 859.615 | 0.999 | 14.661 |
| 10/3/2018 5:45 | 2360700 | 11.107 | 17.056 | 25.645 | 1163.381 | 1371.472 | 0.693 | 0.933 | 859.564 | 0.999 | 14.667 |
| 10/3/2018 6:00 | 2361600 | 11.105 | 17.056 | 25.641 | 1163.5 | 1371.605 | 0.693 | 0.933 | 859.476 | 0.999 | 14.668 |
| 10/3/2018 6:15 | 2362500 | 11.107 | 17.056 | 25.646 | 1163.641 | 1371.795 | 0.693 | 0.933 | 859.371 | 0.999 | 14.667 |
| 10/3/2018 6:30 | 2363400 | 11.104 | 17.056 | 25.64 | 1163.877 | 1372.055 | 0.693 | 0.933 | 859.197 | 0.999 | 14.666 |
| 10/3/2018 6:45 | 2364300 | 11.116 | 17.056 | 25.666 | 1164.15 | 1372.39 | 0.693 | 0.933 | 858.996 | 0.999 | 14.653 |
| 10/3/2018 7:00 | 2365200 | 11.099 | 17.055 | 25.627 | 1164.156 | 1372.408 | 0.693 | 0.933 | 858.991 | 0.999 | 14.671 |
| 10/3/2018 7:15 | 2366100 | 11.101 | 17.056 | 25.632 | 1164.156 | 1372.394 | 0.693 | 0.933 | 858.991 | 0.999 | 14.668 |
| 10/3/2018 7:30 | 2367000 | 11.107 | 17.056 | 25.645 | 1164.403 | 1372.677 | 0.693 | 0.933 | 858.809 | 0.999 | 14.664 |
| 10/3/2018 7:45 | 2367900 | 11.097 | 17.056 | 25.622 | 1164.439 | 1372.727 | 0.693 | 0.933 | 858.783 | 0.999 | 14.677 |
| 10/3/2018 8:00 | 2368800 | 11.101 | 17.056 | 25.632 | 1164.67 | 1373.005 | 0.694 | 0.934 | 858.613 | 0.999 | 14.673 |
| 10/3/2018 8:15 | 2369700 | 11.105 | 17.055 | 25.641 | 1164.765 | 1373.125 | 0.694 | 0.934 | 858.543 | 0.999 | 14.669 |
| 10/3/2018 8:30 | 2370600 | 11.1 | 17.056 | 25.629 | 1164.972 | 1373.346 | 0.694 | 0.934 | 858.39 | 0.999 | 14.675 |
| 10/3/2018 8:45 | 2371500 | 11.103 | 17.055 | 25.635 | 1165.115 | 1373.541 | 0.694 | 0.934 | 858.284 | 0.999 | 14.674 |
| 10/3/2018 9:00 | 2372400 | 11.103 | 17.056 | 25.638 | 1165.217 | 1373.634 | 0.694 | 0.934 | 858.209 | 0.999 | 14.675 |
| 10/3/2018 9:15 | 2373300 | 11.102 | 17.056 | 25.635 | 1165.327 | 1373.766 | 0.694 | 0.934 | 858.128 | 0.999 | 14.678 |
| 10/3/2018 9:30 | 2374200 | 11.096 | 17.055 | 25.619 | 1165.541 | 1374.041 | 0.694 | 0.934 | 857.97 | 0.999 | 14.685 |
| 10/3/2018 9:45 | 2375100 | 11.105 | 17.055 | 25.642 | 1165.589 | 1374.114 | 0.694 | 0.934 | 857.935 | 0.999 | 14.676 |
| 10/3/2018 10:00 | 2376000 | 11.096 | 17.055 | 25.621 | 1165.715 | 1374.262 | 0.694 | 0.934 | 857.842 | 0.999 | 14.682 |
| 10/3/2018 10:15 | 2376900 | 11.105 | 17.055 | 25.64 | 1165.775 | 1374.325 | 0.694 | 0.935 | 857.798 | 0.999 | 14.676 |
| 10/3/2018 10:30 | 2377800 | 11.099 | 17.055 | 25.628 | 1165.946 | 1374.534 | 0.694 | 0.935 | 857.673 | 0.999 | 14.68 |
| 10/3/2018 10:45 | 2378700 | 11.096 | 17.055 | 25.619 | 1166.083 | 1374.682 | 0.694 | 0.935 | 857.572 | 0.999 | 14.684 |
| 10/3/2018 11:00 | 2379600 | 11.102 | 17.055 | 25.633 | 1166.257 | 1374.898 | 0.695 | 0.935 | 857.444 | 0.999 | 14.679 |
| 10/3/2018 11:15 | 2380500 | 11.097 | 17.055 | 25.623 | 1166.393 | 1375.056 | 0.695 | 0.935 | 857.344 | 0.999 | 14.683 |
| 10/3/2018 11:30 | 2381400 | 11.094 | 17.055 | 25.616 | 1166.534 | 1375.211 | 0.695 | 0.935 | 857.24 | 0.999 | 14.688 |
| 10/3/2018 11:45 | 2382300 | 11.096 | 17.055 | 25.621 | 1166.599 | 1375.31 | 0.695 | 0.935 | 857.192 | 0.999 | 14.685 |
| 10/3/2018 12:00 | 2383200 | 11.1 | 17.055 | 25.629 | 1166.716 | 1375.444 | 0.695 | 0.935 | 857.107 | 0.999 | 14.681 |
| 10/3/2018 12:15 | 2384100 | 11.097 | 17.055 | 25.623 | 1166.813 | 1375.548 | 0.695 | 0.935 | 857.036 | 0.999 | 14.681 |
| 10/3/2018 12:30 | 2385000 | 11.096 | 17.056 | 25.621 | 1166.856 | 1375.585 | 0.695 | 0.935 | 856.974 | 0.999 | 14.681 |
| 10/3/2018 12:45 | 2385900 | 11.096 | 17.056 | 25.62 | 1167.1 | 1375.87 | 0.695 | 0.936 | 856.824 | 0.999 | 14.682 |
| 10/3/2018 13:00 | 2386800 | 11.104 | 17.055 | 25.639 | 1167.294 | 1376.113 | 0.695 | 0.936 | 856.682 | 0.999 | 14.672 |
| 10/3/2018 13:15 | 2387700 | 11.098 | 17.055 | 25.626 | 1167.338 | 1376.172 | 0.695 | 0.936 | 856.65 | 0.999 | 14.675 |
| 10/3/2018 13:30 | 2388600 | 11.096 | 17.055 | 25.621 | 1167.389 | 1376.222 | 0.695 | 0.936 | 856.612 | 0.999 | 14.675 |
| 10/3/2018 13:45 | 2389500 | 11.1 | 17.055 | 25.628 | 1167.569 | 1376.431 | 0.695 | 0.936 | 856.481 | 0.999 | 14.671 |
| 10/3/2018 14:00 | 2390400 | 11.099 | 17.055 | 25.627 | 1167.643 | 1376.521 | 0.695 | 0.936 | 856.426 | 0.999 | 14.671 |
| 10/3/2018 14:15 | 2391300 | 11.097 | 17.055 | 25.623 | 1167.816 | 1376.851 | 0.696 | 0.936 | 856.216 | 0.999 | 14.67 |
| 10/3/2018 14:30 | 2392200 | 11.101 | 17.055 | 25.633 | 1168.057 | 1377.015 | 0.696 | 0.936 | 856.122 | 0.999 | 14.663 |
| 10/3/2018 14:45 | 2393100 | 11.093 | 17.056 | 25.614 | 1168.118 | 1377.073 | 0.696 | 0.936 | 856.078 | 0.999 | 14.671 |
| 10/3/2018 15:00 | 2394000 | 11.095 | 17.055 | 25.618 | 1168.136 | 1377.108 | 0.696 | 0.936 | 856.065 | 0.999 | 14.668 |
| 10/3/2018 15:15 | 2394900 | 11.095 | 17.055 | 25.617 | 1168.404 | 1377.427 | 0.696 | 0.937 | 855.868 | 0.999 | 14.665 |
| 10/3/2018 15:30 | 2395800 | 11.097 | 17.055 | 25.623 | 1168.545 | 1377.581 | 0.696 | 0.937 | 855.765 | 0.999 | 14.662 |
| 10/3/2018 15:45 | 2396700 | 11.096 | 17.056 | 25.619 | 1168.591 | 1377.625 | 0.696 | 0.937 | 855.731 | 0.999 | 14.661 |
| 10/3/2018 16:00 | 2397600 | 11.093 | 17.056 | 25.613 | 1168.573 | 1377.596 | 0.696 | 0.937 | 855.745 | 0.999 | 14.663 |
| 10/3/2018 16:15 | 2398500 | 11.097 | 17.056 | 25.624 | 1168.82 | 1377.879 | 0.696 | 0.937 | 855.564 | 0.999 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 11.097 | 17.056 | 25.622 | 1169.142 | 1378.264 | 0.696 | 0.937 | 855.328 | 0.999 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 11.097 | 17.057 | 25.623 | 1169.294 | 1378.429 | 0.696 | 0.937 | 855.217 | 0.999 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 11.092 | 17.057 | 25.61 | 1169.482 | 1378.643 | 0.697 | 0.937 | 855.08 | 0.999 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 11.094 | 17.056 | 25.615 | 1169.695 | 1378.91 | 0.697 | 0.938 | 854.924 | 0.999 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 11.092 | 17.057 | 25.612 | 1169.875 | 1379.114 | 0.697 | 0.938 | 854.792 | 0.999 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 11.087 | 17.056 | 25.598 | 1170.106 | 1379.389 | 0.697 | 0.938 | 854.624 | 0.999 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 11.093 | 17.056 | 25.613 | 1170.179 | 1379.492 | 0.697 | 0.938 | 854.57 | 0.999 | 14.666 |
| 10/3/2018 18:15 | 2405700 | 11.096 | 17.055 | 25.62 | 1170.325 | 1379.68 | 0.697 | 0.938 | 854.464 | 0.999 | 14.663 |
| 10/3/2018 18:30 | 2406600 | 11.093 | 17.056 | 25.612 | 1170.544 | 1379.917 | 0.697 | 0.938 | 854.303 | 0.999 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 11.085 | 17.056 | 25.596 | 1170.578 | 1379.957 | 0.697 | 0.938 | 854.279 | 0.999 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 11.092 | 17.056 | 25.612 | 1170.843 | 1380.274 | 0.697 | 0.939 | 854.086 | 0.999 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 11.093 | 17.056 | 25.613 | 1170.833 | 1380.258 | 0.697 | 0.939 | 854.092 | 0.999 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 11.087 | 17.056 | 25.599 | 1170.924 | 1380.381 | 0.697 | 0.939 | 854.026 | 0.999 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 11.089 | 17.056 | 25.604 | 1171.087 | 1380.554 | 0.698 | 0.939 | 853.907 | 0.999 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 11.09 | 17.056 | 25.607 | 1171.216 | 1380.722 | 0.698 | 0.939 | 853.814 | 0.999 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 11.084 | 17.057 | 25.592 | 1171.405 | 1380.904 | 0.698 | 0.939 | 853.676 | 0.999 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 11.09 | 17.057 | 25.605 | 1171.485 | 1381.01 | 0.698 | 0.939 | 853.617 | 0.999 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 11.083 | 17.057 | 25.59 | 1171.663 | 1381.214 | 0.698 | 0.939 | 853.488 | 0.999 | 14.689 |
| 10/3/2018 21:00 | 2415600 | 11.087 | 17.056 | 25.599 | 1171.809 | 1381.411 | 0.698 | 0.939 | 853.381 | 0.999 | 14.688 |
| 10/3/2018 21:15 | 2416500 | 11.086 | 17.056 | 25.598 | 1171.77 | 1381.367 | 0.698 | 0.939 | 853.41 | 0.999 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 11.089 | 17.057 | 25.604 | 1171.796 | 1381.375 | 0.698 | 0.939 | 853.391 | 0.999 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 11.088 | 17.057 | 25.602 | 1172.023 | 1381.627 | 0.698 | 0.94 | 853.226 | 0.999 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 11.088 | 17.057 | 25.602 | 1172.172 | 1381.822 | 0.698 | 0.94 | 853.117 | 0.999 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 11.083 | 17.056 | 25.59 | 1172.271 | 1381.952 | 0.698 | 0.94 | 853.045 | 0.999 | 14.695 |
| 10/3/2018 22:30 | 2421000 | 11.086 | 17.056 | 25.597 | 1172.376 | 1382.07 | 0.698 | 0.94 | 852.969 | 0.999 | 14.692 |
| 10/3/2018 22:45 | 2421900 | 11.082 | 17.056 | 25.589 | 1172.661 | 1382.404 | 0.699 | 0.94 | 852.762 | 0.999 | 14.699 |
| 10/3/2018 23:00 | 2422800 | 11.082 | 17.057 | 25.588 | 1172.802 | 1382.562 | 0.699 | 0.94 | 852.659 | 0.999 | 14.699 |
| 10/3/2018 23:15 | 2423700 | 11.082 | 17.056 | 25.588 | 1173.037 | 1382.869 | 0.699 | 0.94 | 852.488 | 0.999 | 14.701 |
| 10/3/2018 23:30 | 2424600 | 11.088 | 17.055 | 25.601 | 1173.124 | 1382.996 | 0.699 | 0.94 | 852.425 | 0.999 | 14.697 |
| 10/3/2018 23:45 | 2425500 | 11.079 | 17.055 | 25.581 | 1173.215 | 1383.09 | 0.699 | 0.941 | 852.358 | 0.999 | 14.705 |

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|----------------|--------|--------|-------|---------|-----------|-----------|--------|-------|-------|-------|-------|
| 9/7/2018 0:45 | 96300 | 116306 | 19222 | 265.097 | 35404 | 39795.801 | 25.620 | 27061 | 28245 | 1.018 | 14747 |
| 9/7/2018 1:00 | 97200 | 116299 | 19221 | 265.081 | 35396.918 | 39788.805 | 25.624 | 27056 | 28251 | 1.018 | 14749 |
| 9/7/2018 1:15 | 98100 | 11629 | 19221 | 265.06 | 35387.285 | 39777.977 | 25.616 | 27049 | 28259 | 1.018 | 14748 |
| 9/7/2018 1:30 | 99000 | 116292 | 19221 | 265.065 | 35390.566 | 39781.363 | 25.619 | 27051 | 28256 | 1.018 | 14742 |
| 9/7/2018 1:45 | 99900 | 116283 | 19221 | 265.046 | 35387.93 | 39778.477 | 25.617 | 27049 | 28258 | 1.018 | 14744 |
| 9/7/2018 2:00 | 100800 | 116267 | 19222 | 265.008 | 35375.695 | 39764.344 | 25.607 | 2704 | 28288 | 1.018 | 14742 |
| 9/7/2018 2:15 | 101700 | 116259 | 19222 | 265.004 | 35369.993 | 39758.995 | 25.602 | 27036 | 28289 | 1.018 | 14743 |
| 9/7/2018 2:30 | 102600 | 116246 | 19221 | 264.96 | 35398.316 | 39790.004 | 25.625 | 27057 | 2825 | 1.018 | 14744 |
| 9/7/2018 2:45 | 103500 | 116243 | 19222 | 264.954 | 35376.613 | 39765.016 | 25.607 | 2704 | 28267 | 1.018 | 14736 |
| 9/7/2018 3:00 | 104400 | 116228 | 19222 | 264.92 | 35397.828 | 39789.305 | 25.624 | 27057 | 2825 | 1.018 | 14742 |
| 9/7/2018 3:15 | 105300 | 116207 | 19221 | 264.871 | 35374.652 | 39763.402 | 25.606 | 27039 | 28269 | 1.018 | 14741 |
| 9/7/2018 3:30 | 106200 | 116199 | 19222 | 264.854 | 35405.324 | 39797.355 | 25.63 | 27062 | 28244 | 1.018 | 1474 |
| 9/7/2018 3:45 | 107100 | 116186 | 19222 | 264.852 | 35390.473 | 39780.441 | 25.618 | 27051 | 28256 | 1.018 | 1474 |
| 9/7/2018 4:00 | 108000 | 116177 | 19221 | 264.802 | 35366.285 | 39754.289 | 25.599 | 27033 | 28276 | 1.018 | 14748 |
| 9/7/2018 4:15 | 108900 | 116174 | 19221 | 264.795 | 35374.691 | 39763.375 | 25.606 | 27039 | 28269 | 1.018 | 1474 |
| 9/7/2018 4:30 | 109800 | 116165 | 19221 | 264.777 | 35390.5 | 39781.145 | 25.619 | 27051 | 28256 | 1.018 | 14748 |
| 9/7/2018 4:45 | 110700 | 11616 | 19221 | 264.765 | 35400.324 | 39792.551 | 25.627 | 27059 | 28248 | 1.018 | 14742 |
| 9/7/2018 5:00 | 111600 | 11617 | 19222 | 264.788 | 35396.656 | 39787.836 | 25.623 | 27056 | 28251 | 1.018 | 1474 |
| 9/7/2018 5:15 | 112500 | 116159 | 19222 | 264.759 | 35400.07 | 39791.824 | 25.626 | 27058 | 28249 | 1.018 | 14731 |
| 9/7/2018 5:30 | 113400 | 11613 | 19221 | 264.697 | 35384.734 | 39774.664 | 25.614 | 27047 | 28261 | 1.018 | 14743 |
| 9/7/2018 5:45 | 114300 | 116155 | 19221 | 264.754 | 35388.578 | 39779.203 | 25.617 | 2705 | 28258 | 1.018 | 14736 |
| 9/7/2018 6:00 | 115200 | 116151 | 19221 | 264.744 | 35390.602 | 39781.402 | 25.619 | 27051 | 28256 | 1.018 | 14735 |
| 9/7/2018 6:15 | 116100 | 116135 | 19221 | 264.708 | 35389.207 | 39780.285 | 25.618 | 27051 | 28257 | 1.018 | 14739 |
| 9/7/2018 6:30 | 117000 | 116133 | 19222 | 264.703 | 35386.445 | 39776.43 | 25.615 | 27048 | 28259 | 1.018 | 14741 |
| 9/7/2018 6:45 | 117900 | 116134 | 19221 | 264.705 | 35384.117 | 39774.27 | 25.614 | 27047 | 28263 | 1.018 | 14748 |
| 9/7/2018 7:00 | 118800 | 116138 | 19222 | 264.714 | 35379.699 | 39768.555 | 25.61 | 27043 | 28265 | 1.018 | 14748 |
| 9/7/2018 7:15 | 119700 | 116134 | 19221 | 264.705 | 35384.688 | 39774.609 | 25.614 | 27047 | 28261 | 1.018 | 14747 |
| 9/7/2018 7:30 | 120600 | 116149 | 19221 | 264.74 | 35404.828 | 39797.395 | 25.63 | 27062 | 28245 | 1.018 | 14739 |
| 9/7/2018 7:45 | 121500 | 116149 | 19221 | 264.74 | 35411.781 | 39805.809 | 25.636 | 27063 | 28247 | 1.018 | 14747 |
| 9/7/2018 8:00 | 122400 | 116154 | 19221 | 264.75 | 35388.934 | 39779.75 | 25.618 | 2705 | 28257 | 1.018 | 14748 |
| 9/7/2018 8:15 | 123300 | 116156 | 19221 | 264.756 | 35383.152 | 39773.027 | 25.613 | 27046 | 28267 | 1.018 | 1475 |
| 9/7/2018 8:30 | 124200 | 116163 | 19221 | 264.771 | 35399.914 | 39791.871 | 25.626 | 27058 | 28249 | 1.018 | 14748 |
| 9/7/2018 8:45 | 125100 | 116169 | 19222 | 264.786 | 35409.09 | 39801.965 | 25.634 | 27065 | 28241 | 1.018 | 14751 |
| 9/7/2018 9:00 | 126000 | 116176 | 19222 | 264.801 | 35411.098 | 39803.848 | 25.635 | 27067 | 2824 | 1.018 | 14744 |
| 9/7/2018 9:15 | 126900 | 116188 | 19221 | 264.829 | 35376.707 | 39765.641 | 25.608 | 27041 | 28267 | 1.018 | 14751 |
| 9/7/2018 9:30 | 127800 | 116188 | 19222 | 264.828 | 35397.621 | 39788.922 | 25.624 | 27056 | 2825 | 1.018 | 14751 |
| 9/7/2018 9:45 | 128700 | 116197 | 19222 | 264.837 | 35401.898 | 39793.879 | 25.628 | 2706 | 28247 | 1.018 | 14755 |
| 9/7/2018 10:00 | 129600 | 116204 | 19222 | 264.865 | 35399.059 | 39790.313 | 25.625 | 27057 | 28249 | 1.018 | 14749 |
| 9/7/2018 10:15 | 130500 | 116205 | 19221 | 264.868 | 35394.566 | 39786.082 | 25.622 | 27055 | 28253 | 1.018 | 14752 |
| 9/7/2018 10:30 | 131400 | 116219 | 19222 | 264.899 | 35391.234 | 39781.813 | 25.619 | 27052 | 28256 | 1.018 | 14751 |
| 9/7/2018 10:45 | 132300 | 116222 | 19221 | 264.906 | 35386.508 | 39776.957 | 25.616 | 27048 | 28259 | 1.018 | 14757 |
| 9/7/2018 11:00 | 133200 | 116236 | 19222 | 264.937 | 35403.211 | 39794.609 | 25.628 | 2706 | 28246 | 1.018 | 14752 |
| 9/7/2018 11:15 | 134100 | 116227 | 19222 | 264.917 | 35405.742 | 39797.605 | 25.63 | 27062 | 28244 | 1.018 | 14756 |
| 9/7/2018 11:30 | 135000 | 116231 | 19222 | 264.921 | 35412.438 | 39805.578 | 25.636 | 27068 | 28239 | 1.018 | 14749 |
| 9/7/2018 11:45 | 135900 | 116237 | 19222 | 264.94 | 35409.934 | 39802.625 | 25.634 | 27066 | 28241 | 1.018 | 14747 |
| 9/7/2018 12:00 | 136800 | 116235 | 19223 | 264.936 | 35393.645 | 39783.707 | 25.621 | 27053 | 28254 | 1.018 | 14754 |
| 9/7/2018 12:15 | 137700 | 116243 | 19222 | 264.954 | 35376.625 | 39765.32 | 25.607 | 2704 | 28267 | 1.018 | 14749 |
| 9/7/2018 12:30 | 138600 | 116255 | 19222 | 264.98 | 35382.711 | 39772.023 | 25.612 | 27045 | 28262 | 1.018 | 14744 |
| 9/7/2018 12:45 | 139500 | 116249 | 19221 | 264.967 | 35401.566 | 39794.027 | 25.628 | 2706 | 28247 | 1.018 | 14744 |
| 9/7/2018 13:00 | 140400 | 11625 | 19222 | 264.969 | 35407.012 | 39799.24 | 25.632 | 27064 | 28243 | 1.018 | 14743 |
| 9/7/2018 13:15 | 141300 | 116252 | 19222 | 264.973 | 35406.426 | 39798.969 | 25.631 | 27063 | 28243 | 1.018 | 14743 |
| 9/7/2018 13:30 | 142200 | 116251 | 19221 | 264.973 | 35378.035 | 39767.578 | 25.609 | 27042 | 28266 | 1.018 | 14749 |
| 9/7/2018 13:45 | 143100 | 116251 | 19222 | 264.972 | 35400.09 | 39791.402 | 25.626 | 27058 | 28249 | 1.018 | 14744 |
| 9/7/2018 14:00 | 144000 | 116261 | 19222 | 264.994 | 35388.082 | 39777.977 | 25.616 | 27049 | 28258 | 1.018 | 14742 |
| 9/7/2018 14:15 | 144900 | 116263 | 19222 | 264.999 | 35413.52 | 39806.941 | 25.637 | 27069 | 28238 | 1.018 | 1474 |
| 9/7/2018 14:30 | 145800 | 11625 | 19222 | 264.97 | 35396.07 | 39787.551 | 25.623 | 27056 | 28252 | 1.018 | 14742 |
| 9/7/2018 14:45 | 146700 | 116256 | 1922 | 264.983 | 35396.297 | 39788.555 | 25.624 | 27056 | 28252 | 1.018 | 14737 |
| 9/7/2018 15:00 | 147600 | 116243 | 19222 | 264.954 | 35398.668 | 39789.578 | 25.625 | 27057 | 2825 | 1.018 | 14741 |
| 9/7/2018 15:15 | 148500 | 116252 | 19222 | 264.974 | 35408.586 | 39801.316 | 25.633 | 27065 | 28242 | 1.018 | 14741 |
| 9/7/2018 15:30 | 149400 | 116257 | 19221 | 264.986 | 35426.125 | 39821.188 | 25.647 | 27078 | 28228 | 1.018 | 14737 |
| 9/7/2018 15:45 | 150300 | 116248 | 19221 | 264.964 | 35381.348 | 39771 | 25.611 | 27044 | 28263 | 1.018 | 1474 |
| 9/7/2018 16:00 | 151200 | 116251 | 19221 | 264.971 | 35407.387 | 39800.27 | 25.632 | 27064 | 28243 | 1.018 | 14743 |
| 9/7/2018 16:15 | 152100 | 116255 | 19221 | 264.98 | 35396.25 | 39787.609 | 25.623 | 27056 | 28252 | 1.018 | 14732 |
| 9/7/2018 16:30 | 153000 | 116253 | 19221 | 264.977 | 35417.973 | 39812.391 | 25.641 | 27072 | 28234 | 1.018 | 1473 |
| 9/7/2018 16:45 | 153900 | 116257 | 19221 | 264.985 | 35386.668 | 39776.836 | 25.616 | 27048 | 28259 | 1.018 | 14731 |
| 9/7/2018 17:00 | 154800 | 116263 | 19222 | 265 | 35401.645 | 39793.445 | 25.627 | 2706 | 28247 | 1.018 | 14729 |
| 9/7/2018 17:15 | 155700 | 116251 | 19222 | 264.973 | 35395.133 | 39785.832 | 25.622 | 27054 | 28252 | 1.018 | 14732 |
| 9/7/2018 17:30 | 156600 | 116263 | 19222 | 264.993 | 35389.297 | 39783.387 | 25.618 | 27052 | 28257 | 1.018 | 14735 |
| 9/7/2018 17:45 | 157500 | 116265 | 19222 | 265.004 | 35385.648 | 39774.871 | 25.614 | 27047 | 2826 | 1.018 | 1473 |
| 9/7/2018 18:00 | 158400 | 116254 | 19222 | 264.979 | 35401.168 | 39792.844 | 25.627 | 27059 | 28248 | 1.018 | 14732 |
| 9/7/2018 18:15 | 159300 | 116292 | 19221 | 265.065 | 35383.246 | 39773.063 | 25.613 | 27046 | 28262 | 1.018 | 14728 |
| 9/7/2018 18:30 | 160200 | 116278 | 19222 | 265.035 | 35393.043 | 39783.637 | 25.62 | 27053 | 28254 | 1.018 | 1473 |
| 9/7/2018 18:45 | 161100 | 116289 | 19221 | 265.058 | 35385.246 | 39775.98 | 25.615 | 27048 | 2826 | 1.018 | 14725 |
| 9/7/2018 19:00 | 162000 | 116293 | 19222 | 265.061 | 35413.141 | 39811.465 | 25.64 | 27071 | 2824 | 1.018 | 14724 |
| 9/7/2018 19:15 | 162900 | 116295 | 19222 | 265.073 | 35400.121 | 39791.73 | 25.626 | 27058 | 28248 | 1.018 | 14724 |
| 9/7/2018 19:30 | 163800 | 116306 | 19222 | 265.098 | 35412.039 | 39805.277 | 25.636 | 27068 | 28239 | 1.018 | 14722 |
| 9/7/2018 19:45 | 164700 | 11631 | 19221 | 265.107 | 35370.676 | 39758.934 | 25.603 | 27036 | 28272 | 1.018 | 14729 |
| 9/7/2018 20:00 | 165600 | 116316 | 19221 | 265.12 | 35374.363 | 39763.148 | 25.606 | 27039 | 28269 | 1.018 | 14723 |
| 9/7/2018 20:15 | 166500 | 116327 | 19222 | 265.145 | 35393.09 | 39783.762 | 25.621 | 27053 | 28254 | 1.018 | 14723 |
| 9/7/2018 20:30 | 167400 | 116345 | 19222 | 265.187 | 35405.293 | 39797.32 | 25.63 | 27062 | 28244 | 1.018 | 14724 |
| 9/7/2018 20:45 | 168300 | 116352 | 19222 | 265.202 | 35416.285 | 39809.973 | 25.632 | 27071 | 28236 | 1.018 | 14721 |
| 9/7/2018 21:00 | 169200 | 116358 | 19221 | 265.217 | 35397.027 | 39788.703 | 25.624 | 27056 | 28251 | 1.018 | 14727 |
| 9/7/2018 21:15 | 170100 | 116364 | 19221 | 265.229 | 35404.926 | 39797.727 | 25.63 | 27062 | 28245 | 1.018 | 14723 |
| 9/7/2018 21:30 | 171000 | 116366 | 19222 | 265.234 | 35386.516 | 39776.59 | 25.615 | 27048 | 28259 | 1.018 | 14724 |
| 9/7/2018 21:45 | 171900 | 116375 | 19221 | 265.254 | 35379.945 | 39769.281 | 25.61 | 27043 | 28265 | 1 | |

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|----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/9/2018 5:30 | 286200 | 116.301 | 19.221 | 265.087 | 35400.652 | 39792.922 | 25.627 | 27.059 | 28.248 | 1.018 | 14.678 |
| 9/9/2018 5:45 | 287100 | 116.294 | 19.221 | 265.069 | 35401.551 | 39793.711 | 25.628 | 27.06 | 28.247 | 1.018 | 14.68 |
| 9/9/2018 6:00 | 288000 | 116.283 | 19.221 | 265.046 | 35409.039 | 39802.504 | 25.634 | 27.066 | 28.241 | 1.018 | 14.688 |
| 9/9/2018 6:15 | 288900 | 116.281 | 19.221 | 265.041 | 35401.195 | 39793.531 | 25.627 | 27.06 | 28.248 | 1.018 | 14.682 |
| 9/9/2018 6:30 | 289800 | 116.265 | 19.221 | 265.004 | 35409.563 | 39802.938 | 25.634 | 27.066 | 28.241 | 1.018 | 14.688 |
| 9/9/2018 6:45 | 290700 | 116.27 | 19.221 | 265.014 | 35398.555 | 39790.344 | 25.625 | 27.057 | 28.25 | 1.018 | 14.683 |
| 9/9/2018 7:00 | 291600 | 116.262 | 19.221 | 265.006 | 35398.281 | 39789.891 | 25.625 | 27.057 | 28.249 | 1.018 | 14.689 |
| 9/9/2018 7:15 | 292500 | 116.269 | 19.22 | 265.013 | 35406.98 | 39800.641 | 25.633 | 27.064 | 28.243 | 1.018 | 14.681 |
| 9/9/2018 7:30 | 293400 | 116.261 | 19.222 | 264.994 | 35430.07 | 39825.547 | 25.65 | 27.081 | 28.225 | 1.018 | 14.689 |
| 9/9/2018 7:45 | 294300 | 116.253 | 19.222 | 264.977 | 35404.496 | 39796.648 | 25.63 | 27.062 | 28.245 | 1.018 | 14.694 |
| 9/9/2018 8:00 | 295200 | 116.265 | 19.221 | 265.004 | 35395.438 | 39786.914 | 25.623 | 27.055 | 28.252 | 1.018 | 14.692 |
| 9/9/2018 8:15 | 296100 | 116.267 | 19.221 | 265.009 | 35409.414 | 39802.707 | 25.634 | 27.066 | 28.241 | 1.018 | 14.693 |
| 9/9/2018 8:30 | 297000 | 116.257 | 19.222 | 265.006 | 35400.521 | 39792.887 | 25.627 | 27.059 | 28.248 | 1.018 | 14.695 |
| 9/9/2018 8:45 | 297900 | 116.268 | 19.222 | 265.011 | 35425.176 | 39818.895 | 25.646 | 27.078 | 28.229 | 1.018 | 14.695 |
| 9/9/2018 9:00 | 298800 | 116.257 | 19.221 | 264.986 | 35397.434 | 39789.082 | 25.624 | 27.057 | 28.251 | 1.018 | 14.696 |
| 9/9/2018 9:15 | 299700 | 116.268 | 19.222 | 265.011 | 35398.492 | 39789.535 | 25.625 | 27.057 | 28.25 | 1.018 | 14.696 |
| 9/9/2018 9:30 | 300600 | 116.276 | 19.221 | 265.029 | 35410.371 | 39803.848 | 25.635 | 27.067 | 28.24 | 1.018 | 14.698 |
| 9/9/2018 9:45 | 301500 | 116.283 | 19.222 | 265.045 | 35407.277 | 39799.254 | 25.632 | 27.063 | 28.243 | 1.018 | 14.692 |
| 9/9/2018 10:00 | 302400 | 116.271 | 19.222 | 265.052 | 35419.48 | 39814.387 | 25.642 | 27.074 | 28.233 | 1.018 | 14.693 |
| 9/9/2018 10:15 | 303300 | 116.292 | 19.221 | 265.065 | 35408.242 | 39801.23 | 25.633 | 27.065 | 28.242 | 1.018 | 14.698 |
| 9/9/2018 10:30 | 304200 | 116.306 | 19.221 | 265.098 | 35407.195 | 39800.055 | 25.632 | 27.064 | 28.243 | 1.018 | 14.692 |
| 9/9/2018 10:45 | 305100 | 116.308 | 19.221 | 265.102 | 35394.207 | 39785.906 | 25.622 | 27.054 | 28.253 | 1.018 | 14.693 |
| 9/9/2018 11:00 | 306000 | 116.324 | 19.221 | 265.139 | 35401.094 | 39793.273 | 25.627 | 27.059 | 28.248 | 1.018 | 14.693 |
| 9/9/2018 11:15 | 306900 | 116.34 | 19.222 | 265.174 | 35409.551 | 39802.48 | 25.634 | 27.066 | 28.241 | 1.018 | 14.689 |
| 9/9/2018 11:30 | 307800 | 116.335 | 19.222 | 265.135 | 35398.914 | 39790.309 | 25.625 | 27.057 | 28.249 | 1.018 | 14.692 |
| 9/9/2018 11:45 | 308700 | 116.347 | 19.221 | 265.19 | 35406.652 | 39799.746 | 25.632 | 27.064 | 28.243 | 1.018 | 14.687 |
| 9/9/2018 12:00 | 309600 | 116.352 | 19.221 | 265.201 | 35438.535 | 39835.586 | 25.657 | 27.088 | 28.218 | 1.018 | 14.692 |
| 9/9/2018 12:15 | 310500 | 116.357 | 19.221 | 265.212 | 35396.043 | 39787.598 | 25.623 | 27.056 | 28.252 | 1.018 | 14.689 |
| 9/9/2018 12:30 | 311400 | 116.367 | 19.221 | 265.237 | 35425.277 | 39820.539 | 25.647 | 27.078 | 28.228 | 1.018 | 14.689 |
| 9/9/2018 12:45 | 312300 | 116.371 | 19.222 | 265.246 | 35422.129 | 39816.246 | 25.644 | 27.075 | 28.231 | 1.018 | 14.687 |
| 9/9/2018 13:00 | 313200 | 116.38 | 19.221 | 265.247 | 35401.805 | 39793.699 | 25.628 | 27.06 | 28.247 | 1.018 | 14.684 |
| 9/9/2018 13:15 | 314100 | 116.383 | 19.222 | 265.274 | 35403.504 | 39795.469 | 25.629 | 27.061 | 28.246 | 1.018 | 14.69 |
| 9/9/2018 13:30 | 315000 | 116.386 | 19.221 | 265.279 | 35394.566 | 39786.383 | 25.622 | 27.055 | 28.253 | 1.018 | 14.692 |
| 9/9/2018 13:45 | 315900 | 116.388 | 19.222 | 265.284 | 35422.238 | 39816.594 | 25.644 | 27.075 | 28.231 | 1.018 | 14.688 |
| 9/9/2018 14:00 | 316800 | 116.384 | 19.221 | 265.276 | 35426.18 | 39821.918 | 25.648 | 27.079 | 28.228 | 1.018 | 14.691 |
| 9/9/2018 14:15 | 317700 | 116.396 | 19.221 | 265.302 | 35411.871 | 39805.613 | 25.636 | 27.068 | 28.239 | 1.018 | 14.685 |
| 9/9/2018 14:30 | 318600 | 116.385 | 19.221 | 265.277 | 35412.063 | 39805.383 | 25.636 | 27.068 | 28.239 | 1.018 | 14.687 |
| 9/9/2018 14:45 | 319500 | 116.387 | 19.221 | 265.282 | 35405.332 | 39798.559 | 25.631 | 27.063 | 28.244 | 1.018 | 14.689 |
| 9/9/2018 15:00 | 320400 | 116.384 | 19.221 | 265.274 | 35427.262 | 39822.609 | 25.648 | 27.079 | 28.227 | 1.018 | 14.681 |
| 9/9/2018 15:15 | 321300 | 116.386 | 19.221 | 265.28 | 35408.68 | 39801.801 | 25.633 | 27.065 | 28.242 | 1.018 | 14.679 |
| 9/9/2018 15:30 | 322200 | 116.384 | 19.221 | 265.275 | 35407.078 | 39799.922 | 25.632 | 27.064 | 28.243 | 1.018 | 14.675 |
| 9/9/2018 15:45 | 323100 | 116.385 | 19.221 | 265.277 | 35405.445 | 39798.391 | 25.631 | 27.063 | 28.244 | 1.018 | 14.674 |
| 9/9/2018 16:00 | 324000 | 116.374 | 19.221 | 265.253 | 35399.488 | 39791.914 | 25.626 | 27.059 | 28.249 | 1.018 | 14.679 |
| 9/9/2018 16:15 | 324900 | 116.367 | 19.221 | 265.237 | 35404.039 | 39796.957 | 25.63 | 27.062 | 28.245 | 1.018 | 14.677 |
| 9/9/2018 16:30 | 325800 | 116.376 | 19.221 | 265.257 | 35416.355 | 39810.207 | 25.639 | 27.071 | 28.236 | 1.018 | 14.678 |
| 9/9/2018 16:45 | 326700 | 116.381 | 19.221 | 265.269 | 35397.551 | 39789.215 | 25.624 | 27.057 | 28.251 | 1.018 | 14.672 |
| 9/9/2018 17:00 | 327600 | 116.381 | 19.221 | 265.268 | 35405.105 | 39797.926 | 25.631 | 27.063 | 28.245 | 1.018 | 14.673 |
| 9/9/2018 17:15 | 328500 | 116.375 | 19.221 | 265.255 | 35412.227 | 39806.234 | 25.637 | 27.068 | 28.239 | 1.018 | 14.671 |
| 9/9/2018 17:30 | 329400 | 116.366 | 19.222 | 265.234 | 35402.164 | 39793.961 | 25.628 | 27.06 | 28.247 | 1.018 | 14.671 |
| 9/9/2018 17:45 | 330300 | 116.364 | 19.221 | 265.229 | 35415.031 | 39809.242 | 25.639 | 27.07 | 28.237 | 1.018 | 14.671 |
| 9/9/2018 18:00 | 331200 | 116.358 | 19.221 | 265.216 | 35397.129 | 39788.961 | 25.624 | 27.056 | 28.251 | 1.018 | 14.672 |
| 9/9/2018 18:15 | 332100 | 116.367 | 19.221 | 265.236 | 35402.234 | 39794.93 | 25.628 | 27.061 | 28.247 | 1.018 | 14.669 |
| 9/9/2018 18:30 | 333000 | 116.375 | 19.221 | 265.254 | 35426.602 | 39821.945 | 25.648 | 27.079 | 28.227 | 1.018 | 14.662 |
| 9/9/2018 18:45 | 333900 | 116.363 | 19.221 | 265.228 | 35397.879 | 39789.883 | 25.625 | 27.057 | 28.25 | 1.018 | 14.665 |
| 9/9/2018 19:00 | 334800 | 116.374 | 19.221 | 265.253 | 35371.809 | 39760.434 | 25.604 | 27.037 | 28.271 | 1.018 | 14.66 |
| 9/9/2018 19:15 | 335700 | 116.373 | 19.221 | 265.251 | 35404.051 | 39819.16 | 25.646 | 27.077 | 28.229 | 1.018 | 14.666 |
| 9/9/2018 19:30 | 336600 | 116.365 | 19.221 | 265.233 | 35396.395 | 39788.07 | 25.624 | 27.056 | 28.251 | 1.018 | 14.665 |
| 9/9/2018 19:45 | 337500 | 116.381 | 19.221 | 265.268 | 35405.852 | 39798.543 | 25.631 | 27.063 | 28.244 | 1.018 | 14.665 |
| 9/9/2018 20:00 | 338400 | 116.381 | 19.221 | 265.268 | 35405.793 | 39798.555 | 25.631 | 27.063 | 28.244 | 1.018 | 14.668 |
| 9/9/2018 20:15 | 339300 | 116.381 | 19.221 | 265.268 | 35426.297 | 39821.527 | 25.647 | 27.079 | 28.228 | 1.018 | 14.669 |
| 9/9/2018 20:30 | 340200 | 116.386 | 19.222 | 265.28 | 35412.523 | 39805.449 | 25.636 | 27.068 | 28.239 | 1.018 | 14.667 |
| 9/9/2018 20:45 | 341100 | 116.406 | 19.221 | 265.305 | 35433.195 | 39839.481 | 25.653 | 27.084 | 28.222 | 1.018 | 14.67 |
| 9/9/2018 21:00 | 342000 | 116.412 | 19.221 | 265.339 | 35416.199 | 39810.031 | 25.639 | 27.071 | 28.236 | 1.018 | 14.679 |
| 9/9/2018 21:15 | 342900 | 116.414 | 19.222 | 265.343 | 35388.762 | 39779.113 | 25.617 | 27.05 | 28.258 | 1.018 | 14.681 |
| 9/9/2018 21:30 | 343800 | 116.418 | 19.221 | 265.353 | 35399.465 | 39791.523 | 25.626 | 27.058 | 28.249 | 1.018 | 14.683 |
| 9/9/2018 21:45 | 344700 | 116.426 | 19.221 | 265.37 | 35424.215 | 39819.566 | 25.646 | 27.077 | 28.229 | 1.018 | 14.686 |
| 9/9/2018 22:00 | 345600 | 116.447 | 19.221 | 265.419 | 35405.523 | 39798.477 | 25.631 | 27.063 | 28.244 | 1.018 | 14.684 |
| 9/9/2018 22:15 | 346500 | 116.443 | 19.221 | 265.443 | 35406.265 | 39806.321 | 25.631 | 27.063 | 28.244 | 1.018 | 14.684 |
| 9/9/2018 22:30 | 347400 | 116.453 | 19.221 | 265.433 | 35382.691 | 39772.438 | 25.612 | 27.045 | 28.262 | 1.018 | 14.686 |
| 9/9/2018 22:45 | 348300 | 116.46 | 19.221 | 265.449 | 35407.941 | 39800.75 | 25.633 | 27.065 | 28.242 | 1.018 | 14.685 |
| 9/9/2018 23:00 | 349200 | 116.473 | 19.221 | 265.479 | 35423.41 | 39818.582 | 25.645 | 27.077 | 28.23 | 1.018 | 14.685 |
| 9/9/2018 23:15 | 350100 | 116.476 | 19.222 | 265.484 | 35417.262 | 39810.934 | 25.64 | 27.071 | 28.235 | 1.018 | 14.689 |
| 9/9/2018 23:30 | 351000 | 116.498 | 19.221 | 265.535 | 35399.273 | 39791.227 | 25.626 | 27.058 | 28.249 | 1.018 | 14.682 |
| 9/9/2018 23:45 | 351900 | 116.49 | 19.221 | 265.517 | 35396.321 | 39788.199 | 25.624 | 27.056 | 28.252 | 1.018 | 14.696 |
| 9/10/2018 0:00 | 352800 | 116.498 | 19.221 | 265.535 | 35425.277 | 39820.234 | 25.647 | 27.078 | 28.228 | 1.018 | 14.687 |
| 9/10/2018 0:15 | 353700 | 116.507 | 19.222 | 265.556 | 35407.371 | 39799.656 | 25.632 | 27.064 | 28.243 | 1.018 | 14.692 |
| 9/10/2018 0:30 | 354600 | 116.519 | 19.221 | 265.583 | 35414.293 | 39807.891 | 25.638 | 27.069 | 28.237 | 1.018 | 14.681 |
| 9/10/2018 0:45 | 355500 | 116.513 | 19.222 | 265.569 | 35419.898 | 39813.824 | 25.642 | 27.073 | 28.233 | 1.018 | 14.684 |
| 9/10/2018 1:00 | 356400 | 116.524 | 19.221 | 265.595 | 35398.93 | 39790.691 | 25.625 | 27.058 | 28.249 | 1.018 | 14.682 |
| 9/10/2018 1:15 | 357300 | 116.531 | 19.221 | 265.609 | 35400.305 | 39792.465 | 25.627 | 27.059 | 28.248 | 1.018 | 14.681 |
| 9/10/2018 1:30 | 358200 | 116.53 | 19.221 | 265.608 | 35410.008 | 39803.375 | 25.634 | 27.064 | 28.241 | 1.018 | 14.688 |
| 9/10/2018 1:45 | 359100 | 116.53 | 19.221 | 265.608 | 35398.949 | 39790.941 | | | | | |

| | | | | | | | | | | | |
|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|---------|--------|
| 9/11/2018 10:15 | 476100 | 116.49 | 19.221 | 265.517 | 35422.789 | 39817.512 | 25.645 | 27.076 | 28.23 | 1.018 | 14.695 |
| 9/11/2018 10:30 | 477000 | 116.502 | 19.221 | 265.545 | 35420.094 | 39814.48 | 25.642 | 27.074 | 28.233 | 1.018 | 14.691 |
| 9/11/2018 10:45 | 477900 | 116.497 | 19.221 | 265.533 | 35416.059 | 39810.176 | 25.639 | 27.071 | 28.236 | 1.018 | 14.695 |
| 9/11/2018 11:00 | 478800 | 116.513 | 19.221 | 265.569 | 35417.473 | 39812.059 | 25.641 | 27.072 | 28.235 | 1.018 | 14.689 |
| 9/11/2018 11:15 | 479700 | 116.515 | 19.221 | 265.573 | 35425.129 | 39820.07 | 25.646 | 27.078 | 28.229 | 1.018 | 14.691 |
| 9/11/2018 11:30 | 480600 | 116.516 | 19.221 | 265.575 | 35408.324 | 39801.625 | 25.633 | 27.065 | 28.242 | 1.018 | 14.692 |
| 9/11/2018 11:45 | 481500 | 116.529 | 19.221 | 265.609 | 35405.099 | 39807.655 | 25.635 | 27.075 | 28.232 | 1.018 | 14.688 |
| 9/11/2018 12:00 | 482400 | 116.543 | 19.221 | 265.638 | 35424.148 | 39819.039 | 25.646 | 27.077 | 28.229 | 1.018 | 14.687 |
| 9/11/2018 12:15 | 483300 | 116.543 | 19.222 | 265.637 | 35420.766 | 39815.086 | 25.643 | 27.074 | 28.232 | 1.018 | 14.687 |
| 9/11/2018 12:30 | 484200 | 116.555 | 19.221 | 265.665 | 35420.801 | 39815.871 | 25.643 | 27.075 | 28.232 | 1.018 | 14.687 |
| 9/11/2018 12:45 | 485100 | 116.571 | 19.221 | 265.702 | 35404.473 | 39797.445 | 25.63 | 27.062 | 28.245 | 1.018 | 14.676 |
| 9/11/2018 13:00 | 486000 | 116.571 | 19.221 | 265.701 | 35411.906 | 39805.207 | 25.636 | 27.068 | 28.239 | 1.018 | 14.688 |
| 9/11/2018 13:15 | 486900 | 116.577 | 19.221 | 265.712 | 35413.568 | 39807.962 | 25.636 | 27.068 | 28.243 | 1.018 | 14.683 |
| 9/11/2018 13:30 | 487800 | 116.587 | 19.221 | 265.738 | 35418.344 | 39812.516 | 25.641 | 27.073 | 28.234 | 1.018 | 14.679 |
| 9/11/2018 13:45 | 488700 | 116.584 | 19.221 | 265.731 | 35418.387 | 39812.492 | 25.641 | 27.072 | 28.234 | 1.018 | 14.68 |
| 9/11/2018 14:00 | 489600 | 116.591 | 19.221 | 265.748 | 35422.465 | 39817.074 | 25.644 | 27.076 | 28.231 | 1.018 | 14.687 |
| 9/11/2018 14:15 | 490500 | 116.604 | 19.221 | 265.775 | 35414.938 | 39809.207 | 25.639 | 27.07 | 28.237 | 1.018 | 14.679 |
| 9/11/2018 14:30 | 491400 | 116.605 | 19.222 | 265.779 | 35411.047 | 39804.164 | 25.635 | 27.067 | 28.24 | 1.018 | 14.678 |
| 9/11/2018 14:45 | 492300 | 116.602 | 19.222 | 265.791 | 35416.035 | 39809.77 | 25.639 | 27.071 | 28.236 | 1.018 | 14.671 |
| 9/11/2018 15:00 | 493200 | 116.611 | 19.22 | 265.792 | 35404.125 | 39797.352 | 25.63 | 27.062 | 28.245 | 1.018 | 14.676 |
| 9/11/2018 15:15 | 494100 | 116.61 | 19.221 | 265.791 | 35419.035 | 39813.52 | 25.642 | 27.073 | 28.233 | 1.018 | 14.667 |
| 9/11/2018 15:30 | 495000 | 116.613 | 19.221 | 265.797 | 35430.82 | 39826.914 | 25.651 | 27.082 | 28.224 | 1.018 | 14.666 |
| 9/11/2018 15:45 | 495900 | 116.614 | 19.22 | 265.8 | 35421.645 | 39817.348 | 25.644 | 27.076 | 28.231 | 1.018 | 14.665 |
| 9/11/2018 16:00 | 496800 | 116.601 | 19.221 | 265.769 | 35409.988 | 39803.273 | 25.634 | 27.066 | 28.241 | 1.018 | 14.665 |
| 9/11/2018 16:15 | 497700 | 116.596 | 19.22 | 265.758 | 35411.968 | 39816.961 | 25.644 | 27.076 | 28.232 | 1.018 | 14.668 |
| 9/11/2018 16:30 | 498600 | 116.597 | 19.221 | 265.759 | 35416.727 | 39811.07 | 25.64 | 27.072 | 28.235 | 1.018 | 14.669 |
| 9/11/2018 16:45 | 499500 | 116.584 | 19.221 | 265.731 | 35402.855 | 39795.555 | 25.629 | 27.061 | 28.246 | 1.018 | 14.67 |
| 9/11/2018 17:00 | 500400 | 116.595 | 19.221 | 265.756 | 35421.059 | 39815.859 | 25.643 | 27.075 | 28.232 | 1.018 | 14.666 |
| 9/11/2018 17:15 | 501300 | 116.587 | 19.221 | 265.737 | 35401.16 | 39793.723 | 25.628 | 27.06 | 28.248 | 1.018 | 14.66 |
| 9/11/2018 17:30 | 502200 | 116.58 | 19.221 | 265.722 | 35395.977 | 39787.445 | 25.623 | 27.055 | 28.252 | 1.018 | 14.664 |
| 9/11/2018 17:45 | 503100 | 116.586 | 19.22 | 265.735 | 35407.543 | 39801.254 | 25.629 | 27.065 | 28.243 | 1.018 | 14.656 |
| 9/11/2018 18:00 | 504000 | 116.572 | 19.221 | 265.703 | 35420.105 | 39814.867 | 25.643 | 27.074 | 28.233 | 1.018 | 14.663 |
| 9/11/2018 18:15 | 504900 | 116.549 | 19.221 | 265.65 | 35420.813 | 39815.883 | 25.643 | 27.075 | 28.232 | 1.018 | 14.663 |
| 9/11/2018 18:30 | 505800 | 116.554 | 19.221 | 265.664 | 35416.582 | 39810.906 | 25.64 | 27.071 | 28.235 | 1.018 | 14.657 |
| 9/11/2018 18:45 | 506700 | 116.555 | 19.221 | 265.665 | 35423.258 | 39818.633 | 25.645 | 27.077 | 28.23 | 1.018 | 14.656 |
| 9/11/2018 19:00 | 507600 | 116.544 | 19.221 | 265.64 | 35411.211 | 39805.246 | 25.636 | 27.068 | 28.24 | 1.018 | 14.655 |
| 9/11/2018 19:15 | 508500 | 116.545 | 19.221 | 265.626 | 35418.148 | 39814.32 | 25.642 | 27.074 | 28.233 | 1.018 | 14.661 |
| 9/11/2018 19:30 | 509400 | 116.524 | 19.221 | 265.593 | 35414.457 | 39808.662 | 25.638 | 27.07 | 28.237 | 1.018 | 14.662 |
| 9/11/2018 19:45 | 510300 | 116.532 | 19.221 | 265.613 | 35427.285 | 39822.637 | 25.648 | 27.079 | 28.227 | 1.018 | 14.657 |
| 9/11/2018 20:00 | 511200 | 116.516 | 19.221 | 265.575 | 35431.023 | 39827.219 | 25.651 | 27.083 | 28.224 | 1.018 | 14.666 |
| 9/11/2018 20:15 | 512100 | 116.524 | 19.221 | 265.594 | 35403.078 | 39795.805 | 25.629 | 27.061 | 28.246 | 1.018 | 14.656 |
| 9/11/2018 20:30 | 513000 | 116.514 | 19.221 | 265.572 | 35420.316 | 39814.961 | 25.643 | 27.074 | 28.232 | 1.018 | 14.662 |
| 9/11/2018 20:45 | 513900 | 116.519 | 19.221 | 265.582 | 35441.453 | 39827.25 | 25.652 | 27.083 | 28.224 | 1.018 | 14.667 |
| 9/11/2018 21:00 | 514800 | 116.521 | 19.221 | 265.541 | 35401.477 | 39804.805 | 25.628 | 27.06 | 28.247 | 1.018 | 14.673 |
| 9/11/2018 21:15 | 515700 | 116.519 | 19.22 | 265.582 | 35421.836 | 39817.34 | 25.644 | 27.076 | 28.231 | 1.018 | 14.667 |
| 9/11/2018 21:30 | 516600 | 116.521 | 19.221 | 265.587 | 35394.973 | 39786.914 | 25.623 | 27.055 | 28.253 | 1.018 | 14.671 |
| 9/11/2018 21:45 | 517500 | 116.509 | 19.221 | 265.56 | 35421.859 | 39816.758 | 25.644 | 27.075 | 28.231 | 1.018 | 14.676 |
| 9/11/2018 22:00 | 518400 | 116.518 | 19.22 | 265.58 | 35384.031 | 39774.988 | 25.614 | 27.047 | 28.261 | 1.018 | 14.675 |
| 9/11/2018 22:15 | 519300 | 116.52 | 19.221 | 265.586 | 35426.27 | 39821.945 | 25.648 | 27.079 | 28.228 | 1.018 | 14.682 |
| 9/11/2018 22:30 | 520200 | 116.515 | 19.222 | 265.575 | 35397.188 | 39788.582 | 25.624 | 27.056 | 28.251 | 1.018 | 14.677 |
| 9/11/2018 22:45 | 521100 | 116.523 | 19.221 | 265.593 | 35432.594 | 39828.605 | 25.653 | 27.083 | 28.223 | 1.018 | 14.678 |
| 9/11/2018 23:00 | 522000 | 116.514 | 19.221 | 265.572 | 35399.848 | 39792.016 | 25.626 | 27.059 | 28.249 | 1.018 | 14.68 |
| 9/11/2018 23:15 | 522900 | 116.524 | 19.22 | 265.594 | 35418.938 | 39814.383 | 25.642 | 27.074 | 28.233 | 1.018 | 14.678 |
| 9/11/2018 23:30 | 523800 | 116.542 | 19.221 | 265.636 | 35408.355 | 39801.809 | 25.633 | 27.065 | 28.242 | 1.018 | 14.675 |
| 9/11/2018 23:45 | 524700 | 116.537 | 19.221 | 265.623 | 35406.402 | 39799.543 | 25.632 | 27.064 | 28.243 | 1.018 | 14.686 |
| 9/12/2018 0:00 | 525600 | 116.549 | 19.221 | 265.651 | 35436.903 | 39833.891 | 25.656 | 27.087 | 28.219 | 1.018 | 14.679 |
| 9/12/2018 0:15 | 526500 | 116.552 | 19.221 | 265.658 | 35434.902 | 39831.129 | 25.654 | 27.085 | 28.241 | 1.018 | 14.676 |
| 9/12/2018 0:30 | 527400 | 116.552 | 19.221 | 265.659 | 35425.914 | 39821.773 | 25.648 | 27.079 | 28.228 | 1.018 | 14.686 |
| 9/12/2018 0:45 | 528300 | 116.553 | 19.222 | 265.661 | 35439.082 | 39835.461 | 25.657 | 27.088 | 28.217 | 1.018 | 14.685 |
| 9/12/2018 1:00 | 529200 | 116.572 | 19.221 | 265.703 | 35426.348 | 39821.883 | 25.648 | 27.079 | 28.228 | 1.018 | 14.685 |
| 9/12/2018 1:15 | 530100 | 116.582 | 19.221 | 265.727 | 35410.691 | 39804.508 | 25.635 | 27.067 | 28.24 | 1.018 | 14.681 |
| 9/12/2018 1:30 | 531000 | 116.593 | 19.221 | 265.751 | 35412.969 | 39815.921 | 25.647 | 27.069 | 28.246 | 1.018 | 14.687 |
| 9/12/2018 1:45 | 531900 | 116.593 | 19.221 | 265.752 | 35410.664 | 39804.176 | 25.635 | 27.067 | 28.24 | 1.018 | 14.686 |
| 9/12/2018 2:00 | 532800 | 116.587 | 19.221 | 265.739 | 35416.332 | 39811.004 | 25.64 | 27.071 | 28.236 | 1.018 | 14.685 |
| 9/12/2018 2:15 | 533700 | 116.588 | 19.221 | 265.74 | 35405.203 | 39798.117 | 25.631 | 27.063 | 28.244 | 1.018 | 14.685 |
| 9/12/2018 2:30 | 534600 | 116.598 | 19.221 | 265.762 | 35427.012 | 39822.707 | 25.648 | 27.079 | 28.227 | 1.018 | 14.685 |
| 9/12/2018 2:45 | 535500 | 116.59 | 19.221 | 265.744 | 35415.383 | 39809.781 | 25.639 | 27.071 | 28.236 | 1.018 | 14.688 |
| 9/12/2018 3:00 | 536400 | 116.596 | 19.221 | 265.765 | 35403.441 | 39806.25 | 25.629 | 27.064 | 28.246 | 1.018 | 14.683 |
| 9/12/2018 3:15 | 537300 | 116.6 | 19.221 | 265.767 | 35415.82 | 39809.973 | 25.639 | 27.071 | 28.236 | 1.018 | 14.686 |
| 9/12/2018 3:30 | 538200 | 116.6 | 19.221 | 265.767 | 35422.258 | 39817.063 | 25.644 | 27.076 | 28.231 | 1.018 | 14.682 |
| 9/12/2018 3:45 | 539100 | 116.593 | 19.22 | 265.751 | 35433.414 | 39830.801 | 25.654 | 27.085 | 28.222 | 1.018 | 14.684 |
| 9/12/2018 4:00 | 540000 | 116.604 | 19.221 | 265.776 | 35410.988 | 39804.84 | 25.636 | 27.067 | 28.24 | 1.018 | 14.678 |
| 9/12/2018 4:15 | 540900 | 116.591 | 19.221 | 265.746 | 35425.719 | 39821.477 | 25.647 | 27.079 | 28.228 | 1.018 | 14.682 |
| 9/12/2018 4:30 | 541800 | 116.596 | 19.221 | 265.759 | 35403.021 | 39805.466 | 25.629 | 27.064 | 28.246 | 1.018 | 14.683 |
| 9/12/2018 4:45 | 542700 | 116.582 | 19.22 | 265.727 | 35420.863 | 39816.316 | 25.644 | 27.075 | 28.232 | 1.018 | 14.683 |
| 9/12/2018 5:00 | 543600 | 116.584 | 19.22 | 265.732 | 35407.953 | 39801.957 | 25.633 | 27.065 | 28.242 | 1.018 | 14.683 |
| 9/12/2018 5:15 | 544500 | 116.562 | 19.221 | 265.68 | 35409.809 | 39803.516 | 25.635 | 27.066 | 28.241 | 1.018 | 14.686 |
| 9/12/2018 5:30 | 545400 | 116.573 | 19.221 | 265.707 | 35416.574 | 39811.047 | 25.64 | 27.072 | 28.235 | 1.018 | 14.687 |
| 9/12/2018 5:45 | 546300 | 116.563 | 19.22 | 265.683 | 35410.613 | 39805.168 | 25.636 | 27.068 | 28.24 | 1.018 | 14.684 |
| 9/12/2018 6:00 | 547200 | 116.558 | 19.221 | 265.671 | 35403.031 | 39795.898 | 25.629 | 27.061 | 28.246 | 1.018 | 14.687 |
| 9/12/2018 6:15 | 548100 | 116.556 | 19.22 | 265.668 | 35412.488 | 39807.348 | 25.637 | 27.069 | 28.239 | 1.018 | 14.684 |
| 9/12/2018 6:30 | 549000 | 116.534 | 19.22 | 265.617 | 35398.59 | 39791.434 | 25.626 | 27.058 | 28.25 | 1.018</ | |

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|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/13/2018 15:00 | 666000 | 116.549 | 19.221 | 265.651 | 35426.238 | 39821.91 | 25.648 | 27.079 | 28.228 | 1.018 | 14.729 |
| 9/13/2018 15:15 | 666900 | 116.567 | 19.222 | 265.692 | 35437.906 | 39835.703 | 25.658 | 27.088 | 28.218 | 1.018 | 14.723 |
| 9/13/2018 15:30 | 667800 | 116.56 | 19.221 | 265.676 | 35436.539 | 39833.563 | 25.656 | 27.087 | 28.219 | 1.018 | 14.727 |
| 9/13/2018 15:45 | 668700 | 116.569 | 19.221 | 265.696 | 35435.754 | 39832.379 | 25.655 | 27.086 | 28.22 | 1.018 | 14.722 |
| 9/13/2018 16:00 | 669600 | 116.56 | 19.221 | 265.677 | 35423.645 | 39818.996 | 25.646 | 27.077 | 28.23 | 1.018 | 14.726 |
| 9/13/2018 16:15 | 670500 | 116.562 | 19.221 | 265.682 | 35434.516 | 39830.984 | 25.654 | 27.085 | 28.221 | 1.018 | 14.726 |
| 9/13/2018 16:30 | 671400 | 116.568 | 19.221 | 265.688 | 35423.223 | 39815.994 | 25.645 | 27.077 | 28.23 | 1.018 | 14.716 |
| 9/13/2018 16:45 | 672300 | 116.559 | 19.22 | 265.673 | 35420.563 | 39816.352 | 25.644 | 27.075 | 28.232 | 1.018 | 14.714 |
| 9/13/2018 17:00 | 673200 | 116.562 | 19.221 | 265.682 | 35425.531 | 39820.969 | 25.647 | 27.078 | 28.228 | 1.018 | 14.713 |
| 9/13/2018 17:15 | 674100 | 116.577 | 19.221 | 265.715 | 35388.723 | 39779.449 | 25.617 | 27.05 | 28.258 | 1.018 | 14.712 |
| 9/13/2018 17:30 | 675000 | 116.568 | 19.22 | 265.695 | 35397.434 | 39790.051 | 25.625 | 27.057 | 28.251 | 1.018 | 14.711 |
| 9/13/2018 17:45 | 675900 | 116.562 | 19.22 | 265.68 | 35430.445 | 39827.09 | 25.651 | 27.082 | 28.224 | 1.018 | 14.716 |
| 9/13/2018 18:00 | 676800 | 116.563 | 19.22 | 265.693 | 35404.961 | 39798.371 | 25.631 | 27.063 | 28.245 | 1.018 | 14.709 |
| 9/13/2018 18:15 | 677700 | 116.556 | 19.22 | 265.668 | 35434.695 | 39831.797 | 25.655 | 27.086 | 28.221 | 1.018 | 14.707 |
| 9/13/2018 18:30 | 678600 | 116.56 | 19.22 | 265.676 | 35418.512 | 39814.047 | 25.642 | 27.074 | 28.234 | 1.018 | 14.706 |
| 9/13/2018 18:45 | 679500 | 116.548 | 19.221 | 265.65 | 35414.688 | 39809.078 | 25.639 | 27.07 | 28.237 | 1.018 | 14.708 |
| 9/13/2018 19:00 | 680400 | 116.55 | 19.22 | 265.652 | 35424.43 | 39820.477 | 25.647 | 27.078 | 28.229 | 1.018 | 14.704 |
| 9/13/2018 19:15 | 681300 | 116.531 | 19.22 | 265.609 | 35419.742 | 39815.129 | 25.643 | 27.074 | 28.233 | 1.018 | 14.707 |
| 9/13/2018 19:30 | 682200 | 116.523 | 19.22 | 265.592 | 35417.378 | 39815.613 | 25.643 | 27.075 | 28.233 | 1.018 | 14.709 |
| 9/13/2018 19:45 | 683100 | 116.509 | 19.22 | 265.56 | 35413.84 | 39808.574 | 25.638 | 27.07 | 28.238 | 1.018 | 14.713 |
| 9/13/2018 20:00 | 684000 | 116.491 | 19.221 | 265.519 | 35400.797 | 39793.387 | 25.627 | 27.06 | 28.248 | 1.018 | 14.712 |
| 9/13/2018 20:15 | 684900 | 116.504 | 19.22 | 265.548 | 35427.141 | 39823.375 | 25.649 | 27.08 | 28.227 | 1.018 | 14.713 |
| 9/13/2018 20:30 | 685800 | 116.494 | 19.22 | 265.525 | 35412.473 | 39807.113 | 25.637 | 27.069 | 28.239 | 1.018 | 14.717 |
| 9/13/2018 20:45 | 686700 | 116.477 | 19.221 | 265.488 | 35421.344 | 39816.41 | 25.644 | 27.075 | 28.232 | 1.018 | 14.717 |
| 9/13/2018 21:00 | 687600 | 116.489 | 19.22 | 265.519 | 35413.391 | 39811.883 | 25.641 | 27.072 | 28.236 | 1.018 | 14.723 |
| 9/13/2018 21:15 | 688500 | 116.465 | 19.22 | 265.46 | 35408.281 | 39802.477 | 25.634 | 27.066 | 28.242 | 1.018 | 14.72 |
| 9/13/2018 21:30 | 689400 | 116.467 | 19.22 | 265.464 | 35405.816 | 39799.332 | 25.632 | 27.064 | 28.244 | 1.018 | 14.723 |
| 9/13/2018 21:45 | 690300 | 116.455 | 19.22 | 265.437 | 35425.73 | 39821.641 | 25.648 | 27.079 | 28.228 | 1.018 | 14.72 |
| 9/13/2018 22:00 | 691200 | 116.463 | 19.22 | 265.454 | 35410.734 | 39805.461 | 25.636 | 27.068 | 28.24 | 1.018 | 14.714 |
| 9/13/2018 22:15 | 692100 | 116.453 | 19.221 | 265.432 | 35432.496 | 39829.016 | 25.653 | 27.084 | 28.223 | 1.018 | 14.712 |
| 9/13/2018 22:30 | 693000 | 116.449 | 19.22 | 265.423 | 35410.838 | 39804.527 | 25.635 | 27.067 | 28.24 | 1.018 | 14.716 |
| 9/13/2018 22:45 | 693900 | 116.438 | 19.22 | 265.398 | 35455.461 | 39855.207 | 25.671 | 27.102 | 28.204 | 1.018 | 14.717 |
| 9/13/2018 23:00 | 694800 | 116.438 | 19.22 | 265.399 | 35413.602 | 39808.227 | 25.638 | 27.07 | 28.238 | 1.018 | 14.71 |
| 9/13/2018 23:15 | 695700 | 116.444 | 19.22 | 265.412 | 35406.781 | 39800.641 | 25.633 | 27.064 | 28.243 | 1.018 | 14.712 |
| 9/13/2018 23:30 | 696600 | 116.436 | 19.221 | 265.393 | 35447.066 | 39845.176 | 25.664 | 27.095 | 28.211 | 1.018 | 14.717 |
| 9/13/2018 23:45 | 697500 | 116.439 | 19.221 | 265.401 | 35421.344 | 39816.336 | 25.644 | 27.075 | 28.232 | 1.018 | 14.714 |
| 9/14/2018 00:00 | 698400 | 116.43 | 19.221 | 265.398 | 35422.504 | 39818.228 | 25.645 | 27.078 | 28.231 | 1.018 | 14.713 |
| 9/14/2018 00:15 | 699300 | 116.437 | 19.22 | 265.396 | 35413.305 | 39807.82 | 25.638 | 27.069 | 28.238 | 1.018 | 14.716 |
| 9/14/2018 00:30 | 700200 | 116.44 | 19.221 | 265.404 | 35407.977 | 39801.609 | 25.633 | 27.065 | 28.242 | 1.018 | 14.718 |
| 9/14/2018 00:45 | 701100 | 116.444 | 19.219 | 265.411 | 35407.758 | 39802.254 | 25.634 | 27.066 | 28.242 | 1.018 | 14.723 |
| 9/14/2018 01:00 | 702000 | 116.439 | 19.22 | 265.401 | 35428.277 | 39825.18 | 25.65 | 27.081 | 28.226 | 1.018 | 14.723 |
| 9/14/2018 1:15 | 702900 | 116.456 | 19.221 | 265.439 | 35413.219 | 39807.348 | 25.637 | 27.069 | 28.238 | 1.018 | 14.717 |
| 9/14/2018 1:30 | 703800 | 116.443 | 19.221 | 265.41 | 35418.691 | 39815.5 | 25.642 | 27.073 | 28.234 | 1.018 | 14.721 |
| 9/14/2018 1:45 | 704700 | 116.458 | 19.22 | 265.444 | 35414.938 | 39810.184 | 25.639 | 27.071 | 28.227 | 1.018 | 14.722 |
| 9/14/2018 2:00 | 705600 | 116.467 | 19.22 | 265.464 | 35407.422 | 39801.137 | 25.633 | 27.065 | 28.243 | 1.018 | 14.715 |
| 9/14/2018 2:15 | 706500 | 116.468 | 19.221 | 265.467 | 35440.672 | 39838.137 | 25.659 | 27.09 | 28.216 | 1.018 | 14.721 |
| 9/14/2018 2:30 | 707400 | 116.461 | 19.221 | 265.45 | 35422.539 | 39817.68 | 25.645 | 27.076 | 28.231 | 1.018 | 14.72 |
| 9/14/2018 2:45 | 708300 | 116.47 | 19.22 | 265.471 | 35422.836 | 39818.98 | 25.646 | 27.077 | 28.23 | 1.018 | 14.724 |
| 9/14/2018 3:00 | 709200 | 116.476 | 19.22 | 265.485 | 35417.438 | 39812.398 | 25.641 | 27.072 | 28.235 | 1.018 | 14.716 |
| 9/14/2018 3:15 | 710100 | 116.477 | 19.22 | 265.486 | 35437.555 | 39835.152 | 25.657 | 27.088 | 28.219 | 1.018 | 14.716 |
| 9/14/2018 3:30 | 711000 | 116.476 | 19.221 | 265.484 | 35427.695 | 39823.398 | 25.649 | 27.08 | 28.227 | 1.018 | 14.717 |
| 9/14/2018 3:45 | 711900 | 116.475 | 19.221 | 265.482 | 35416.223 | 39810.801 | 25.64 | 27.071 | 28.236 | 1.018 | 14.717 |
| 9/14/2018 4:00 | 712800 | 116.487 | 19.221 | 265.509 | 35447.301 | 39845.813 | 25.665 | 27.095 | 28.211 | 1.018 | 14.719 |
| 9/14/2018 4:15 | 713700 | 116.481 | 19.221 | 265.496 | 35410.242 | 39803.859 | 25.635 | 27.067 | 28.24 | 1.018 | 14.715 |
| 9/14/2018 4:30 | 714600 | 116.495 | 19.221 | 265.527 | 35426.961 | 39822.949 | 25.648 | 27.08 | 28.227 | 1.018 | 14.713 |
| 9/14/2018 4:45 | 715500 | 116.498 | 19.22 | 265.534 | 35419.227 | 39814.477 | 25.642 | 27.074 | 28.233 | 1.018 | 14.718 |
| 9/14/2018 5:00 | 716400 | 116.492 | 19.22 | 265.521 | 35422.418 | 39818.137 | 25.645 | 27.076 | 28.231 | 1.018 | 14.71 |
| 9/14/2018 5:15 | 717300 | 116.496 | 19.22 | 265.531 | 35423.781 | 39819.527 | 25.646 | 27.077 | 28.23 | 1.018 | 14.704 |
| 9/14/2018 5:30 | 718200 | 116.502 | 19.22 | 265.544 | 35440.027 | 39838.234 | 25.659 | 27.09 | 28.217 | 1.018 | 14.708 |
| 9/14/2018 5:45 | 719100 | 116.495 | 19.22 | 265.528 | 35418.918 | 39814.063 | 25.642 | 27.074 | 28.233 | 1.018 | 14.708 |
| 9/14/2018 6:00 | 720000 | 116.494 | 19.22 | 265.525 | 35423.824 | 39820.176 | 25.646 | 27.078 | 28.23 | 1.018 | 14.71 |
| 9/14/2018 6:15 | 720900 | 116.491 | 19.22 | 265.519 | 35424.93 | 39821.059 | 25.647 | 27.079 | 28.229 | 1.018 | 14.709 |
| 9/14/2018 6:30 | 721800 | 116.495 | 19.221 | 265.527 | 35419.875 | 39814.688 | 25.643 | 27.074 | 28.233 | 1.018 | 14.705 |
| 9/14/2018 6:45 | 722700 | 116.495 | 19.22 | 265.529 | 35434.766 | 39832.176 | 25.655 | 27.086 | 28.221 | 1.018 | 14.707 |
| 9/14/2018 7:00 | 723600 | 116.495 | 19.22 | 265.529 | 35431.781 | 39828.742 | 25.653 | 27.084 | 28.223 | 1.018 | 14.705 |
| 9/14/2018 7:15 | 724500 | 116.492 | 19.22 | 265.522 | 35426.102 | 39822.508 | 25.648 | 27.079 | 28.228 | 1.018 | 14.71 |
| 9/14/2018 7:30 | 725400 | 116.487 | 19.22 | 265.511 | 35418.207 | 39813.633 | 25.642 | 27.073 | 28.234 | 1.018 | 14.707 |
| 9/14/2018 7:45 | 726300 | 116.489 | 19.22 | 265.489 | 35424.031 | 39820.73 | 25.647 | 27.078 | 28.229 | 1.018 | 14.71 |
| 9/14/2018 8:00 | 727200 | 116.472 | 19.221 | 265.475 | 35426.852 | 39822.672 | 25.648 | 27.079 | 28.227 | 1.018 | 14.715 |
| 9/14/2018 8:15 | 728100 | 116.482 | 19.221 | 265.498 | 35438.422 | 39835.375 | 25.657 | 27.088 | 28.218 | 1.018 | 14.711 |
| 9/14/2018 8:30 | 729000 | 116.477 | 19.22 | 265.486 | 35430.5 | 39827.523 | 25.652 | 27.083 | 28.224 | 1.018 | 14.708 |
| 9/14/2018 8:45 | 729900 | 116.484 | 19.22 | 265.502 | 35400.574 | 39838.848 | 25.66 | 27.09 | 28.216 | 1.018 | 14.709 |
| 9/14/2018 9:00 | 730800 | 116.472 | 19.22 | 265.475 | 35412.902 | 39807.52 | 25.637 | 27.069 | 28.238 | 1.018 | 14.709 |
| 9/14/2018 9:15 | 731700 | 116.485 | 19.22 | 265.493 | 35426.95 | 39822.983 | 25.648 | 27.079 | 28.228 | 1.018 | 14.707 |
| 9/14/2018 9:30 | 732600 | 116.477 | 19.22 | 265.486 | 35412.227 | 39806.98 | 25.637 | 27.069 | 28.239 | 1.018 | 14.704 |
| 9/14/2018 9:45 | 733500 | 116.47 | 19.221 | 265.472 | 35435.398 | 39831.758 | 25.655 | 27.086 | 28.22 | 1.018 | 14.706 |
| 9/14/2018 10:00 | 734400 | 116.472 | 19.22 | 265.476 | 35445.695 | 39844.16 | 25.664 | 27.094 | 28.212 | 1.018 | 14.713 |
| 9/14/2018 10:15 | 735300 | 116.464 | 19.22 | 265.457 | 35436.156 | 39833.508 | 25.656 | 27.087 | 28.22 | 1.018 | 14.713 |
| 9/14/2018 10:30 | 736200 | 116.467 | 19.221 | 265.464 | 35414.984 | 39809.488 | 25.639 | 27.07 | 28.237 | 1.018 | 14.709 |
| 9/14/2018 10:45 | 737100 | 116.476 | 19.221 | 265.485 | 35401.863 | 39794.512 | 25.628 | 27.06 | 28.247 | 1.018 | 14.705 |
| 9/14/2018 11:00 | 738000 | 116.47 | 19.22 | 265.471 | 35407.723 | 39827.398 | 25.652 | 27.082 | 28.224 | 1.018 | 14.706 |
| 9/14/2018 11:15 | 738900 | 116.472 | 19.221 | 265.476 | 35413.07 | 39806.961 | 25.637 | | | | |

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|-----------------|--------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/15/2018 19:45 | 855900 | 116.538 | 19.22 | 265.625 | 35424.129 | 39820.059 | 25.646 | 27.078 | 28.229 | 1.018 | 14.7 |
| 9/15/2018 20:00 | 856800 | 116.532 | 19.22 | 265.613 | 35430.273 | 39827.047 | 25.651 | 27.082 | 28.224 | 1.018 | 14.701 |
| 9/15/2018 20:15 | 857700 | 116.533 | 19.219 | 265.614 | 35440.469 | 39839.25 | 25.66 | 27.091 | 28.216 | 1.018 | 14.7 |
| 9/15/2018 20:30 | 858600 | 116.528 | 19.22 | 265.603 | 35403.031 | 39796.426 | 25.63 | 27.062 | 28.246 | 1.018 | 14.698 |
| 9/15/2018 20:45 | 859500 | 116.523 | 19.22 | 265.591 | 35419.137 | 39814.906 | 25.643 | 27.074 | 28.233 | 1.018 | 14.7 |
| 9/15/2018 21:00 | 860400 | 116.519 | 19.22 | 265.582 | 35441.711 | 39839.754 | 25.66 | 27.091 | 28.215 | 1.018 | 14.706 |
| 9/15/2018 21:15 | 861300 | 116.521 | 19.22 | 265.581 | 35443.559 | 39841.609 | 25.662 | 27.092 | 28.214 | 1.018 | 14.704 |
| 9/15/2018 21:30 | 862200 | 116.496 | 19.22 | 265.53 | 35424.547 | 39820.531 | 25.647 | 27.078 | 28.229 | 1.018 | 14.708 |
| 9/15/2018 21:45 | 863100 | 116.487 | 19.22 | 265.511 | 35433.645 | 39830.914 | 25.654 | 27.085 | 28.222 | 1.018 | 14.706 |
| 9/15/2018 22:00 | 864000 | 116.492 | 19.22 | 265.521 | 35418.535 | 39814.074 | 25.642 | 27.074 | 28.234 | 1.018 | 14.701 |
| 9/15/2018 22:15 | 864900 | 116.469 | 19.22 | 265.468 | 35438.547 | 39836.047 | 25.658 | 27.089 | 28.218 | 1.018 | 14.707 |
| 9/15/2018 22:30 | 865800 | 116.468 | 19.221 | 265.467 | 35435.086 | 39831.707 | 25.655 | 27.086 | 28.221 | 1.018 | 14.712 |
| 9/15/2018 22:45 | 866700 | 116.473 | 19.219 | 265.473 | 35428.797 | 39826.129 | 25.651 | 27.082 | 28.226 | 1.018 | 14.703 |
| 9/15/2018 23:00 | 867600 | 116.457 | 19.219 | 265.442 | 35423.711 | 39820.184 | 25.646 | 27.078 | 28.23 | 1.018 | 14.707 |
| 9/15/2018 23:15 | 868500 | 116.44 | 19.22 | 265.402 | 35414.063 | 39808.746 | 25.638 | 27.07 | 28.237 | 1.018 | 14.715 |
| 9/15/2018 23:30 | 869400 | 116.444 | 19.22 | 265.412 | 35420.777 | 39816.293 | 25.644 | 27.075 | 28.232 | 1.018 | 14.711 |
| 9/15/2018 23:45 | 870300 | 116.434 | 19.22 | 265.389 | 35409.809 | 39804.191 | 25.635 | 27.067 | 28.241 | 1.018 | 14.713 |
| 9/16/2018 0:00 | 871200 | 116.433 | 19.22 | 265.387 | 35429.941 | 39826.676 | 25.651 | 27.082 | 28.225 | 1.018 | 14.713 |
| 9/16/2018 0:15 | 872100 | 116.439 | 19.22 | 265.377 | 35440.027 | 39838.012 | 25.659 | 27.09 | 28.217 | 1.018 | 14.718 |
| 9/16/2018 0:30 | 873000 | 116.419 | 19.22 | 265.355 | 35431.293 | 39828.113 | 25.652 | 27.083 | 28.224 | 1.018 | 14.712 |
| 9/16/2018 0:45 | 873900 | 116.416 | 19.22 | 265.347 | 35410.695 | 39805.117 | 25.636 | 27.067 | 28.24 | 1.018 | 14.715 |
| 9/16/2018 1:00 | 874800 | 116.414 | 19.22 | 265.343 | 35445.586 | 39844.637 | 25.664 | 27.094 | 28.212 | 1.018 | 14.712 |
| 9/16/2018 1:15 | 875700 | 116.404 | 19.22 | 265.32 | 35455.012 | 39854.777 | 25.671 | 27.101 | 28.205 | 1.018 | 14.717 |
| 9/16/2018 1:30 | 876600 | 116.417 | 19.22 | 265.35 | 35443.398 | 39841.949 | 25.662 | 27.093 | 28.214 | 1.018 | 14.708 |
| 9/16/2018 1:45 | 877500 | 116.412 | 19.219 | 265.34 | 35431.551 | 39830.826 | 25.638 | 27.087 | 28.238 | 1.018 | 14.716 |
| 9/16/2018 2:00 | 878400 | 116.404 | 19.22 | 265.32 | 35416.168 | 39811.27 | 25.64 | 27.072 | 28.236 | 1.018 | 14.717 |
| 9/16/2018 2:15 | 879300 | 116.404 | 19.22 | 265.32 | 35411.863 | 39806.797 | 25.637 | 27.069 | 28.239 | 1.018 | 14.717 |
| 9/16/2018 2:30 | 880200 | 116.405 | 19.22 | 265.322 | 35437.105 | 39834.949 | 25.657 | 27.088 | 28.219 | 1.018 | 14.717 |
| 9/16/2018 2:45 | 881100 | 116.406 | 19.22 | 265.325 | 35439.629 | 39837.484 | 25.659 | 27.089 | 28.217 | 1.018 | 14.714 |
| 9/16/2018 3:00 | 882000 | 116.403 | 19.22 | 265.319 | 35438.363 | 39835.918 | 25.658 | 27.088 | 28.218 | 1.018 | 14.718 |
| 9/16/2018 3:15 | 882900 | 116.415 | 19.22 | 265.345 | 35440.352 | 39837.598 | 25.659 | 27.089 | 28.224 | 1.018 | 14.715 |
| 9/16/2018 3:30 | 883800 | 116.404 | 19.22 | 265.32 | 35428.578 | 39825.141 | 25.65 | 27.081 | 28.226 | 1.018 | 14.717 |
| 9/16/2018 3:45 | 884700 | 116.405 | 19.22 | 265.323 | 35439.418 | 39837.105 | 25.659 | 27.089 | 28.217 | 1.018 | 14.72 |
| 9/16/2018 4:00 | 885600 | 116.422 | 19.22 | 265.362 | 35416.289 | 39811.105 | 25.64 | 27.072 | 28.236 | 1.018 | 14.712 |
| 9/16/2018 4:15 | 886500 | 116.424 | 19.22 | 265.367 | 35423.289 | 39819.117 | 25.646 | 27.077 | 28.23 | 1.018 | 14.714 |
| 9/16/2018 4:30 | 887400 | 116.417 | 19.221 | 265.35 | 35422.438 | 39817.867 | 25.645 | 27.076 | 28.231 | 1.018 | 14.716 |
| 9/16/2018 4:45 | 888300 | 116.421 | 19.22 | 265.359 | 35433.08 | 39830.648 | 25.654 | 27.085 | 28.222 | 1.018 | 14.715 |
| 9/16/2018 5:00 | 889200 | 116.434 | 19.221 | 265.39 | 35433.078 | 39829.527 | 25.653 | 27.084 | 28.222 | 1.018 | 14.716 |
| 9/16/2018 5:15 | 890100 | 116.43 | 19.22 | 265.379 | 35429.273 | 39826.145 | 25.651 | 27.082 | 28.225 | 1.018 | 14.72 |
| 9/16/2018 5:30 | 891000 | 116.433 | 19.221 | 265.387 | 35432.496 | 39828.945 | 25.653 | 27.084 | 28.223 | 1.018 | 14.716 |
| 9/16/2018 5:45 | 891900 | 116.435 | 19.22 | 265.391 | 35444.473 | 39842.93 | 25.663 | 27.093 | 28.213 | 1.018 | 14.72 |
| 9/16/2018 6:00 | 892800 | 116.437 | 19.22 | 265.395 | 35419.777 | 39815.324 | 25.643 | 27.074 | 28.233 | 1.018 | 14.726 |
| 9/16/2018 6:15 | 893700 | 116.434 | 19.221 | 265.389 | 35440.863 | 39838.578 | 25.66 | 27.09 | 28.216 | 1.018 | 14.718 |
| 9/16/2018 6:30 | 894600 | 116.44 | 19.22 | 265.404 | 35433.879 | 39831.176 | 25.654 | 27.085 | 28.222 | 1.018 | 14.723 |
| 9/16/2018 6:45 | 895500 | 116.444 | 19.22 | 265.412 | 35415.375 | 39810.148 | 25.639 | 27.071 | 28.234 | 1.018 | 14.729 |
| 9/16/2018 7:00 | 896400 | 116.45 | 19.22 | 265.425 | 35406.715 | 39800.414 | 25.632 | 27.064 | 28.243 | 1.018 | 14.726 |
| 9/16/2018 7:15 | 897300 | 116.446 | 19.22 | 265.417 | 35437.102 | 39834.5 | 25.657 | 27.087 | 28.219 | 1.018 | 14.727 |
| 9/16/2018 7:30 | 898200 | 116.447 | 19.219 | 265.419 | 35423.09 | 39819.945 | 25.646 | 27.078 | 28.23 | 1.018 | 14.729 |
| 9/16/2018 7:45 | 899100 | 116.45 | 19.22 | 265.425 | 35420.137 | 39815.252 | 25.643 | 27.074 | 28.233 | 1.018 | 14.735 |
| 9/16/2018 8:00 | 900000 | 116.448 | 19.22 | 265.42 | 35426.477 | 39822.559 | 25.648 | 27.079 | 28.227 | 1.018 | 14.737 |
| 9/16/2018 8:15 | 900900 | 116.444 | 19.22 | 265.413 | 35426.102 | 39822.359 | 25.648 | 27.079 | 28.228 | 1.018 | 14.737 |
| 9/16/2018 8:30 | 901800 | 116.461 | 19.22 | 265.45 | 35440.254 | 39838.711 | 25.66 | 27.09 | 28.217 | 1.018 | 14.732 |
| 9/16/2018 8:45 | 902700 | 116.45 | 19.22 | 265.426 | 35450.781 | 39850.176 | 25.668 | 27.098 | 28.208 | 1.018 | 14.735 |
| 9/16/2018 9:00 | 903600 | 116.451 | 19.22 | 265.428 | 35421.422 | 39817.176 | 25.644 | 27.076 | 28.232 | 1.018 | 14.734 |
| 9/16/2018 9:15 | 904500 | 116.452 | 19.22 | 265.431 | 35420.945 | 39816.262 | 25.644 | 27.075 | 28.232 | 1.018 | 14.742 |
| 9/16/2018 9:30 | 905400 | 116.459 | 19.22 | 265.446 | 35428.078 | 39823.688 | 25.649 | 27.08 | 28.226 | 1.018 | 14.733 |
| 9/16/2018 9:45 | 906300 | 116.443 | 19.22 | 265.41 | 35396.23 | 39789 | 25.624 | 27.057 | 28.252 | 1.018 | 14.742 |
| 9/16/2018 10:00 | 907200 | 116.452 | 19.22 | 265.43 | 35423.582 | 39819.305 | 25.646 | 27.077 | 28.23 | 1.018 | 14.735 |
| 9/16/2018 10:15 | 908100 | 116.451 | 19.219 | 265.428 | 35417.801 | 39813.543 | 25.642 | 27.073 | 28.234 | 1.018 | 14.738 |
| 9/16/2018 10:30 | 909000 | 116.448 | 19.22 | 265.421 | 35435.211 | 39832.973 | 25.656 | 27.086 | 28.221 | 1.018 | 14.745 |
| 9/16/2018 10:45 | 909900 | 116.451 | 19.22 | 265.428 | 35441.488 | 39839.73 | 25.66 | 27.091 | 28.216 | 1.018 | 14.742 |
| 9/16/2018 11:00 | 910800 | 116.449 | 19.22 | 265.423 | 35430.199 | 39827.406 | 25.652 | 27.083 | 28.225 | 1.018 | 14.744 |
| 9/16/2018 11:15 | 911700 | 116.457 | 19.22 | 265.442 | 35415.098 | 39810.281 | 25.639 | 27.071 | 28.237 | 1.018 | 14.736 |
| 9/16/2018 11:30 | 912600 | 116.451 | 19.22 | 265.428 | 35440.285 | 39838.148 | 25.659 | 27.09 | 28.217 | 1.018 | 14.743 |
| 9/16/2018 11:45 | 913500 | 116.456 | 19.22 | 265.439 | 35438.355 | 39836.281 | 25.658 | 27.089 | 28.218 | 1.018 | 14.737 |
| 9/16/2018 12:00 | 914400 | 116.456 | 19.22 | 265.44 | 35439.262 | 39836.848 | 25.658 | 27.089 | 28.217 | 1.018 | 14.734 |
| 9/16/2018 12:15 | 915300 | 116.46 | 19.22 | 265.447 | 35438.824 | 39837.035 | 25.658 | 27.089 | 28.218 | 1.018 | 14.736 |
| 9/16/2018 12:30 | 916200 | 116.459 | 19.22 | 265.446 | 35440.809 | 39838.309 | 25.659 | 27.09 | 28.216 | 1.018 | 14.739 |
| 9/16/2018 12:45 | 917100 | 116.464 | 19.22 | 265.457 | 35419.898 | 39815.164 | 25.643 | 27.074 | 28.233 | 1.018 | 14.74 |
| 9/16/2018 13:00 | 918000 | 116.459 | 19.221 | 265.446 | 35436.527 | 39833.477 | 25.656 | 27.087 | 28.219 | 1.018 | 14.733 |
| 9/16/2018 13:15 | 918900 | 116.476 | 19.219 | 265.485 | 35439.367 | 39838.012 | 25.659 | 27.09 | 28.217 | 1.018 | 14.73 |
| 9/16/2018 13:30 | 919800 | 116.479 | 19.22 | 265.492 | 35429.359 | 39826.02 | 25.651 | 27.082 | 28.225 | 1.018 | 14.727 |
| 9/16/2018 13:45 | 920700 | 116.484 | 19.22 | 265.503 | 35422.82 | 39818.746 | 25.645 | 27.077 | 28.23 | 1.018 | 14.727 |
| 9/16/2018 14:00 | 921600 | 116.484 | 19.219 | 265.503 | 35448.504 | 39847.168 | 25.666 | 27.096 | 28.21 | 1.018 | 14.731 |
| 9/16/2018 14:15 | 922500 | 116.47 | 19.22 | 265.471 | 35433.164 | 39830.297 | 25.654 | 27.085 | 28.222 | 1.018 | 14.735 |
| 9/16/2018 14:30 | 923400 | 116.489 | 19.22 | 265.515 | 35452.422 | 39851.645 | 25.669 | 27.099 | 28.207 | 1.018 | 14.725 |
| 9/16/2018 14:45 | 924300 | 116.492 | 19.221 | 265.522 | 35414.316 | 39808.738 | 25.638 | 27.07 | 28.237 | 1.018 | 14.724 |
| 9/16/2018 15:00 | 925200 | 116.507 | 19.221 | 265.554 | 35432.004 | 39828.465 | 25.652 | 27.083 | 28.223 | 1.018 | 14.72 |
| 9/16/2018 15:15 | 926100 | 116.512 | 19.221 | 265.566 | 35451.332 | 39850.27 | 25.668 | 27.098 | 28.208 | 1.018 | 14.716 |
| 9/16/2018 15:30 | 927000 | 116.516 | 19.221 | 265.576 | 35431.16 | 39827.07 | 25.651 | 27.082 | 28.224 | 1.018 | 14.717 |
| 9/16/2018 15:45 | 927900 | 116.524 | 19.22 | 265.595 | 35442.817 | 39840.844 | 25.661 | 27.092 | 28.212 | 1.018 | 14.711 |
| 9/16/2018 16:00 | 928800 | 116.517 | 19.221 | 265.578 | 35395.371 | 39787.285 | 25.623 | 27.055 | 28.252 | 1. | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/18/2018 0:30 | 1045800 | 116.597 | 19.219 | 265.762 | 35441.941 | 39841.43 | 25.662 | 27.092 | 28.215 | 1.018 | 14.714 |
| 9/18/2018 0:45 | 1046700 | 116.578 | 19.222 | 265.717 | 35447.355 | 39846.398 | 25.665 | 27.096 | 28.211 | 1.018 | 14.718 |
| 9/18/2018 1:00 | 1047600 | 116.581 | 19.222 | 265.724 | 35440.984 | 39839.238 | 25.666 | 27.091 | 28.216 | 1.018 | 14.714 |
| 9/18/2018 1:15 | 1048500 | 116.57 | 19.222 | 265.698 | 35454.699 | 39854.281 | 25.671 | 27.101 | 28.205 | 1.018 | 14.719 |
| 9/18/2018 1:30 | 1049400 | 116.576 | 19.222 | 265.712 | 35425.48 | 39821.883 | 25.648 | 27.079 | 28.228 | 1.018 | 14.712 |
| 9/18/2018 1:45 | 1050300 | 116.556 | 19.222 | 265.668 | 35439.469 | 39837.605 | 25.659 | 27.09 | 28.217 | 1.018 | 14.716 |
| 9/18/2018 2:00 | 1051200 | 116.557 | 19.222 | 265.671 | 35429.721 | 39836.766 | 25.651 | 27.082 | 28.215 | 1.018 | 14.711 |
| 9/18/2018 2:15 | 1052100 | 116.557 | 19.219 | 265.67 | 35421.715 | 39818.09 | 25.645 | 27.076 | 28.231 | 1.018 | 14.711 |
| 9/18/2018 2:30 | 1053000 | 116.547 | 19.221 | 265.647 | 35461.871 | 39862.191 | 25.676 | 27.106 | 28.199 | 1.018 | 14.712 |
| 9/18/2018 2:45 | 1053900 | 116.546 | 19.219 | 265.644 | 35428.113 | 39825.434 | 25.65 | 27.081 | 28.226 | 1.018 | 14.713 |
| 9/18/2018 3:00 | 1054800 | 116.543 | 19.222 | 265.638 | 35413.84 | 39808.949 | 25.638 | 27.07 | 28.238 | 1.018 | 14.713 |
| 9/18/2018 3:15 | 1055700 | 116.545 | 19.222 | 265.642 | 35436.09 | 39833.809 | 25.656 | 27.087 | 28.22 | 1.018 | 14.71 |
| 9/18/2018 3:30 | 1056600 | 116.535 | 19.219 | 265.599 | 35403.27 | 39777.605 | 25.63 | 27.062 | 28.246 | 1.018 | 14.709 |
| 9/18/2018 3:45 | 1057500 | 116.524 | 19.222 | 265.595 | 35438.566 | 39837.184 | 25.659 | 27.088 | 28.218 | 1.018 | 14.714 |
| 9/18/2018 4:00 | 1058400 | 116.534 | 19.219 | 265.616 | 35425.777 | 39822.809 | 25.648 | 27.08 | 28.228 | 1.018 | 14.71 |
| 9/18/2018 4:15 | 1059300 | 116.564 | 19.222 | 265.685 | 35420.945 | 39816.262 | 25.644 | 27.075 | 28.232 | 1.018 | 14.71 |
| 9/18/2018 4:30 | 1060200 | 116.527 | 19.222 | 265.601 | 35437.102 | 39835.016 | 25.657 | 27.088 | 28.219 | 1.018 | 14.714 |
| 9/18/2018 4:45 | 1061100 | 116.526 | 19.222 | 265.599 | 35442.293 | 39840.781 | 25.661 | 27.092 | 28.215 | 1.018 | 14.715 |
| 9/18/2018 5:00 | 1062000 | 116.536 | 19.219 | 265.626 | 35426.25 | 39826.225 | 25.651 | 27.082 | 28.225 | 1.018 | 14.715 |
| 9/18/2018 5:15 | 1062900 | 116.528 | 19.222 | 265.603 | 35448.063 | 39847.195 | 25.666 | 27.096 | 28.21 | 1.018 | 14.719 |
| 9/18/2018 5:30 | 1063800 | 116.539 | 19.222 | 265.628 | 35453.191 | 39852.73 | 25.67 | 27.1 | 28.206 | 1.018 | 14.715 |
| 9/18/2018 5:45 | 1064700 | 116.535 | 19.222 | 265.618 | 35425.363 | 39821.449 | 25.647 | 27.079 | 28.228 | 1.018 | 14.71 |
| 9/18/2018 6:00 | 1065600 | 116.531 | 19.222 | 265.609 | 35417.219 | 39812.219 | 25.641 | 27.072 | 28.235 | 1.018 | 14.72 |
| 9/18/2018 6:15 | 1066500 | 116.54 | 19.222 | 265.631 | 35446.801 | 39845.848 | 25.665 | 27.095 | 28.211 | 1.018 | 14.716 |
| 9/18/2018 6:30 | 1067400 | 116.533 | 19.222 | 265.614 | 35423.32 | 39819.609 | 25.646 | 27.077 | 28.23 | 1.018 | 14.724 |
| 9/18/2018 6:45 | 1068300 | 116.539 | 19.219 | 265.627 | 35452.602 | 39852.887 | 25.67 | 27.1 | 28.207 | 1.018 | 14.725 |
| 9/18/2018 7:00 | 1069200 | 116.543 | 19.222 | 265.637 | 35452.285 | 39852.086 | 25.669 | 27.099 | 28.207 | 1.018 | 14.722 |
| 9/18/2018 7:15 | 1070100 | 116.552 | 19.219 | 265.657 | 35407.234 | 39802.34 | 25.634 | 27.066 | 28.243 | 1.018 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 116.552 | 19.219 | 265.658 | 35416.434 | 39812.461 | 25.641 | 27.072 | 28.235 | 1.018 | 14.725 |
| 9/18/2018 7:45 | 1071900 | 116.558 | 19.222 | 265.672 | 35422.719 | 39818.93 | 25.646 | 27.077 | 28.23 | 1.018 | 14.723 |
| 9/18/2018 7:59 | 1072800 | 116.554 | 19.219 | 265.661 | 35447.866 | 39847.191 | 25.666 | 27.096 | 28.211 | 1.018 | 14.724 |
| 9/18/2018 8:15 | 1073700 | 116.575 | 19.219 | 265.71 | 35430.727 | 39828.145 | 25.652 | 27.083 | 28.224 | 1.018 | 14.726 |
| 9/18/2018 8:30 | 1074600 | 116.561 | 19.222 | 265.678 | 35419.077 | 39814.898 | 25.643 | 27.074 | 28.233 | 1.018 | 14.724 |
| 9/18/2018 8:45 | 1075500 | 116.569 | 19.222 | 265.697 | 35446.719 | 39845.91 | 25.665 | 27.095 | 28.211 | 1.018 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 116.574 | 19.219 | 265.709 | 35435.688 | 39833.949 | 25.656 | 27.087 | 28.22 | 1.018 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 116.579 | 19.222 | 265.721 | 35441.758 | 39839.957 | 25.661 | 27.091 | 28.215 | 1.018 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 116.574 | 19.222 | 265.708 | 35412.613 | 39807.988 | 25.638 | 27.069 | 28.239 | 1.018 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 116.563 | 19.219 | 265.683 | 35426.391 | 39823.578 | 25.649 | 27.08 | 28.228 | 1.018 | 14.731 |
| 9/18/2018 10:00 | 1080000 | 116.585 | 19.222 | 265.733 | 35434.75 | 39832.301 | 25.655 | 27.086 | 28.221 | 1.018 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 116.571 | 19.219 | 265.701 | 35431.055 | 39828.441 | 25.652 | 27.083 | 28.224 | 1.018 | 14.73 |
| 9/18/2018 10:30 | 1081800 | 116.577 | 19.222 | 265.716 | 35434.883 | 39831.926 | 25.655 | 27.086 | 28.221 | 1.018 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 116.579 | 19.222 | 265.719 | 35444.492 | 39842.949 | 25.663 | 27.093 | 28.213 | 1.018 | 14.726 |
| 9/18/2018 11:00 | 1083600 | 116.586 | 19.222 | 265.736 | 35452.492 | 39829.762 | 25.653 | 27.084 | 28.223 | 1.018 | 14.726 |
| 9/18/2018 11:15 | 1084500 | 116.575 | 19.222 | 265.715 | 35422.934 | 39820.703 | 25.654 | 27.085 | 28.222 | 1.018 | 14.728 |
| 9/18/2018 11:30 | 1085400 | 116.591 | 19.222 | 265.747 | 35439.125 | 39837.219 | 25.659 | 27.089 | 28.217 | 1.018 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 116.581 | 19.222 | 265.723 | 35444.254 | 39842.914 | 25.663 | 27.093 | 28.213 | 1.018 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 116.586 | 19.222 | 265.734 | 35428.926 | 39825.453 | 25.65 | 27.081 | 28.226 | 1.018 | 14.727 |
| 9/18/2018 12:15 | 1088100 | 116.584 | 19.222 | 265.73 | 35438.637 | 39836.367 | 25.658 | 27.089 | 28.218 | 1.018 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 116.581 | 19.219 | 265.723 | 35440.582 | 39839.223 | 25.66 | 27.091 | 28.216 | 1.018 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 116.583 | 19.222 | 265.728 | 35430.91 | 39827.752 | 25.652 | 27.083 | 28.224 | 1.018 | 14.723 |
| 9/18/2018 13:00 | 1090800 | 116.591 | 19.222 | 265.747 | 35452.004 | 39851.473 | 25.669 | 27.099 | 28.207 | 1.018 | 14.721 |
| 9/18/2018 13:15 | 1091700 | 116.575 | 19.221 | 265.71 | 35440.191 | 39837.594 | 25.659 | 27.09 | 28.217 | 1.018 | 14.717 |
| 9/18/2018 13:30 | 1092600 | 116.588 | 19.219 | 265.74 | 35435.504 | 39833.898 | 25.656 | 27.087 | 28.22 | 1.018 | 14.713 |
| 9/18/2018 13:45 | 1093500 | 116.579 | 19.222 | 265.719 | 35438.441 | 39836.449 | 25.658 | 27.089 | 28.218 | 1.018 | 14.716 |
| 9/18/2018 14:00 | 1094400 | 116.586 | 19.222 | 265.734 | 35439.082 | 39836.949 | 25.658 | 27.089 | 28.217 | 1.018 | 14.709 |
| 9/18/2018 14:15 | 1095300 | 116.588 | 19.222 | 265.738 | 35446.852 | 39845.461 | 25.664 | 27.095 | 28.211 | 1.018 | 14.709 |
| 9/18/2018 14:30 | 1096200 | 116.588 | 19.222 | 265.74 | 35446.902 | 39845.586 | 25.665 | 27.095 | 28.211 | 1.018 | 14.703 |
| 9/18/2018 14:45 | 1097100 | 116.586 | 19.222 | 265.736 | 35431.273 | 39828.172 | 25.652 | 27.083 | 28.224 | 1.018 | 14.704 |
| 9/18/2018 15:00 | 1098000 | 116.593 | 19.219 | 265.751 | 35433.797 | 39831.672 | 25.655 | 27.086 | 28.222 | 1.018 | 14.702 |
| 9/18/2018 15:15 | 1098900 | 116.587 | 19.222 | 265.737 | 35414.586 | 39809.332 | 25.639 | 27.07 | 28.237 | 1.018 | 14.704 |
| 9/18/2018 15:30 | 1099800 | 116.594 | 19.219 | 265.754 | 35444.395 | 39832.266 | 25.655 | 27.086 | 28.221 | 1.018 | 14.7 |
| 9/18/2018 15:45 | 1100700 | 116.591 | 19.222 | 265.747 | 35442.977 | 39832.566 | 25.659 | 27.1 | 28.216 | 1.018 | 14.706 |
| 9/18/2018 16:00 | 1101600 | 116.599 | 19.222 | 265.766 | 35433.102 | 39830.52 | 25.654 | 27.085 | 28.222 | 1.018 | 14.698 |
| 9/18/2018 16:15 | 1102500 | 116.598 | 19.222 | 265.763 | 35432.453 | 39829.719 | 25.653 | 27.084 | 28.223 | 1.018 | 14.705 |
| 9/18/2018 16:30 | 1103400 | 116.595 | 19.222 | 265.757 | 35442.086 | 39840.324 | 25.661 | 27.091 | 28.215 | 1.018 | 14.704 |
| 9/18/2018 16:45 | 1104300 | 116.598 | 19.219 | 265.762 | 35423.922 | 39820.422 | 25.647 | 27.078 | 28.23 | 1.018 | 14.701 |
| 9/18/2018 17:00 | 1105200 | 116.604 | 19.222 | 265.776 | 35437.898 | 39835.695 | 25.658 | 27.088 | 28.218 | 1.018 | 14.694 |
| 9/18/2018 17:15 | 1106100 | 116.611 | 19.222 | 265.781 | 35442.398 | 39842.992 | 25.669 | 27.099 | 28.207 | 1.018 | 14.695 |
| 9/18/2018 17:30 | 1107000 | 116.609 | 19.222 | 265.788 | 35445.637 | 39844.465 | 25.664 | 27.094 | 28.212 | 1.018 | 14.697 |
| 9/18/2018 17:45 | 1107900 | 116.645 | 19.222 | 265.87 | 35460.387 | 39861.191 | 25.676 | 27.106 | 28.2 | 1.018 | 14.69 |
| 9/18/2018 18:00 | 1108800 | 116.625 | 19.222 | 265.824 | 35447.93 | 39846.895 | 25.666 | 27.096 | 28.21 | 1.018 | 14.689 |
| 9/18/2018 18:15 | 1109700 | 116.625 | 19.219 | 265.823 | 35428.457 | 39825.594 | 25.65 | 27.08 | 28.226 | 1.018 | 14.692 |
| 9/18/2018 18:30 | 1110600 | 116.625 | 19.222 | 265.825 | 35425.352 | 39821.957 | 25.648 | 27.079 | 28.228 | 1.018 | 14.689 |
| 9/18/2018 18:45 | 1111500 | 116.627 | 19.222 | 265.827 | 35455.875 | 39856.34 | 25.673 | 27.102 | 28.214 | 1.018 | 14.688 |
| 9/18/2018 19:00 | 1112400 | 116.631 | 19.222 | 265.838 | 35445.031 | 39843.715 | 25.663 | 27.094 | 28.213 | 1.018 | 14.691 |
| 9/18/2018 19:15 | 1113300 | 116.641 | 19.219 | 265.86 | 35455.195 | 39855.578 | 25.672 | 27.102 | 28.205 | 1.018 | 14.684 |
| 9/18/2018 19:30 | 1114200 | 116.633 | 19.222 | 265.843 | 35437.473 | 39835.434 | 25.657 | 27.088 | 28.219 | 1.018 | 14.691 |
| 9/18/2018 19:45 | 1115100 | 116.635 | 19.219 | 265.846 | 35415.895 | 39811.699 | 25.64 | 27.072 | 28.236 | 1.018 | 14.693 |
| 9/18/2018 20:00 | 1116000 | 116.62 | 19.219 | 265.814 | 35444.684 | 39843.762 | 25.663 | 27.094 | 28.213 | 1.018 | 14.694 |
| 9/18/2018 20:15 | 1116900 | 116.628 | 19.219 | 265.832 | 35424.68 | 39821.574 | 25.647 | 27.079 | 28.229 | 1.018 | 14.694 |
| 9/18/2018 20:30 | 1117800 | 116.634 | 19.222 | 265.845 | 35424.859 | 39821.945 | 25.648 | 27.079 | 28.221 | 1. | |

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|-----------------|---------|---------|-------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/20/2018 5:15 | 1235700 | 116.327 | 19219 | 265.145 | 35424.473 | 39821.27 | 25.647 | 27.078 | 28.229 | 1.018 | 14.638 |
| 9/20/2018 5:30 | 1236600 | 116.32 | 19219 | 265.13 | 35435.059 | 39831.168 | 25.656 | 27.087 | 28.221 | 1.018 | 14.64 |
| 9/20/2018 5:45 | 1237500 | 116.311 | 19219 | 265.109 | 35426.063 | 39822.828 | 25.648 | 27.08 | 28.228 | 1.018 | 14.646 |
| 9/20/2018 6:00 | 1238400 | 116.318 | 19218 | 265.124 | 35410.23 | 39805.93 | 25.636 | 27.068 | 28.24 | 1.018 | 14.643 |
| 9/20/2018 6:15 | 1239300 | 116.316 | 19219 | 265.119 | 35426.355 | 39823.75 | 25.649 | 27.08 | 28.228 | 1.018 | 14.65 |
| 9/20/2018 6:30 | 1240200 | 116.335 | 19219 | 265.163 | 35488.133 | 39837.219 | 25.659 | 27.089 | 28.218 | 1.018 | 14.642 |
| 9/20/2018 6:45 | 1241100 | 116.334 | 19219 | 265.139 | 35463.166 | 39855.188 | 25.679 | 27.108 | 28.217 | 1.018 | 14.647 |
| 9/20/2018 7:00 | 1242000 | 116.326 | 1922 | 265.143 | 35489.387 | 39848.91 | 25.667 | 27.097 | 28.209 | 1.018 | 14.653 |
| 9/20/2018 7:15 | 1242900 | 116.329 | 19219 | 265.15 | 35433.656 | 39831.363 | 25.654 | 27.085 | 28.222 | 1.018 | 14.652 |
| 9/20/2018 7:30 | 1243800 | 116.335 | 19219 | 265.163 | 35431.277 | 39829.285 | 25.653 | 27.084 | 28.224 | 1.018 | 14.655 |
| 9/20/2018 7:45 | 1244700 | 116.333 | 19219 | 265.16 | 35440.555 | 39839.418 | 25.66 | 27.091 | 28.216 | 1.018 | 14.661 |
| 9/20/2018 8:00 | 1245600 | 116.342 | 19219 | 265.18 | 35442.41 | 39841.355 | 25.662 | 27.092 | 28.215 | 1.018 | 14.661 |
| 9/20/2018 8:15 | 1246500 | 116.338 | 19219 | 265.171 | 35438.137 | 39836.781 | 25.658 | 27.089 | 28.213 | 1.018 | 14.663 |
| 9/20/2018 8:30 | 1247400 | 116.341 | 19219 | 265.177 | 35462.563 | 39864.387 | 25.678 | 27.108 | 28.199 | 1.018 | 14.662 |
| 9/20/2018 8:45 | 1248300 | 116.353 | 1922 | 265.205 | 35437.77 | 39835.625 | 25.657 | 27.088 | 28.218 | 1.018 | 14.666 |
| 9/20/2018 9:00 | 1249200 | 116.354 | 1922 | 265.206 | 35464.129 | 39865.547 | 25.679 | 27.109 | 28.198 | 1.018 | 14.665 |
| 9/20/2018 9:15 | 1250100 | 116.354 | 1922 | 265.206 | 35454.09 | 39854.195 | 25.671 | 27.101 | 28.205 | 1.018 | 14.666 |
| 9/20/2018 9:30 | 1251000 | 116.37 | 19219 | 265.244 | 35430.184 | 39827.535 | 25.652 | 27.083 | 28.225 | 1.018 | 14.664 |
| 9/20/2018 9:45 | 1251900 | 116.382 | 19219 | 265.271 | 35455.985 | 39851.17 | 25.664 | 27.095 | 28.212 | 1.018 | 14.666 |
| 9/20/2018 10:00 | 1252800 | 116.373 | 19219 | 265.249 | 35432.449 | 39830.465 | 25.654 | 27.085 | 28.223 | 1.018 | 14.667 |
| 9/20/2018 10:15 | 1253700 | 116.376 | 19219 | 265.258 | 35434.758 | 39832.602 | 25.655 | 27.086 | 28.221 | 1.018 | 14.668 |
| 9/20/2018 10:30 | 1254600 | 116.385 | 19219 | 265.277 | 35442.797 | 39842.391 | 25.662 | 27.093 | 28.214 | 1.018 | 14.668 |
| 9/20/2018 10:45 | 1255500 | 116.385 | 19219 | 265.278 | 35429.113 | 39826.559 | 25.651 | 27.082 | 28.225 | 1.018 | 14.671 |
| 9/20/2018 11:00 | 1256400 | 116.385 | 19219 | 265.277 | 35455.004 | 39855.742 | 25.672 | 27.102 | 28.205 | 1.018 | 14.669 |
| 9/20/2018 11:15 | 1257300 | 116.382 | 19219 | 265.271 | 35453.902 | 39831.715 | 25.655 | 27.086 | 28.222 | 1.018 | 14.671 |
| 9/20/2018 11:30 | 1258200 | 116.402 | 19219 | 265.317 | 35442 | 39840.973 | 25.661 | 27.092 | 28.215 | 1.018 | 14.662 |
| 9/20/2018 11:45 | 1259100 | 116.399 | 19219 | 265.31 | 35446.637 | 39846.105 | 25.665 | 27.095 | 28.211 | 1.018 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 116.396 | 19219 | 265.301 | 35452.773 | 39852.855 | 25.67 | 27.1 | 28.207 | 1.018 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 116.405 | 1922 | 265.324 | 35463.727 | 39864.875 | 25.678 | 27.108 | 28.198 | 1.018 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 116.404 | 19219 | 265.322 | 35458.508 | 39859.301 | 25.674 | 27.104 | 28.202 | 1.018 | 14.669 |
| 9/20/2018 12:45 | 1262700 | 116.402 | 19219 | 265.319 | 35439.504 | 39838.395 | 25.659 | 27.09 | 28.217 | 1.018 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 116.396 | 19219 | 265.303 | 35428.344 | 39825.691 | 25.65 | 27.081 | 28.226 | 1.018 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 116.396 | 19219 | 265.302 | 35450.293 | 39850.293 | 25.668 | 27.098 | 28.209 | 1.018 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 116.397 | 19219 | 265.305 | 35444.113 | 39843.27 | 25.663 | 27.093 | 28.213 | 1.018 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 116.401 | 19219 | 265.313 | 35421.992 | 39818.402 | 25.645 | 27.077 | 28.231 | 1.018 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 116.404 | 19218 | 265.322 | 35400.656 | 39795.168 | 25.629 | 27.061 | 28.248 | 1.018 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 116.404 | 19219 | 265.321 | 35449.773 | 39850.305 | 25.668 | 27.098 | 28.217 | 1.018 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 116.412 | 1922 | 265.329 | 35438.27 | 39835.957 | 25.658 | 27.088 | 28.218 | 1.018 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 116.401 | 1922 | 265.314 | 35480.25 | 39883.668 | 25.692 | 27.121 | 28.185 | 1.018 | 14.664 |
| 9/20/2018 15:00 | 1270800 | 116.409 | 1922 | 265.331 | 35437.395 | 39835.496 | 25.657 | 27.088 | 28.219 | 1.018 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 116.41 | 1922 | 265.335 | 35454.211 | 39854.25 | 25.671 | 27.101 | 28.205 | 1.018 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 116.412 | 19219 | 265.34 | 35425.094 | 39822.332 | 25.648 | 27.079 | 28.229 | 1.018 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 116.397 | 19219 | 265.305 | 35455.855 | 39844.215 | 25.656 | 27.087 | 28.22 | 1.018 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 116.397 | 19219 | 265.305 | 35467.449 | 39869.883 | 25.682 | 27.112 | 28.195 | 1.018 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 116.405 | 19219 | 265.322 | 35427.684 | 39825.402 | 25.65 | 27.081 | 28.227 | 1.018 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 116.411 | 19219 | 265.337 | 35433.801 | 39831.527 | 25.655 | 27.085 | 28.222 | 1.018 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 116.405 | 1922 | 265.322 | 35457.113 | 39857.512 | 25.673 | 27.103 | 28.203 | 1.018 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 116.408 | 19218 | 265.329 | 35420.68 | 39817.676 | 25.645 | 27.076 | 28.232 | 1.018 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 116.421 | 1922 | 265.359 | 35431.824 | 39829.234 | 25.653 | 27.084 | 28.223 | 1.018 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 116.417 | 1922 | 265.351 | 35437.922 | 39835.566 | 25.657 | 27.088 | 28.218 | 1.018 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 116.423 | 19219 | 265.364 | 35426.852 | 39824.309 | 25.649 | 27.081 | 28.227 | 1.018 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 116.422 | 19219 | 265.362 | 35455.527 | 39855.949 | 25.672 | 27.102 | 28.204 | 1.018 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 116.452 | 19219 | 265.43 | 35444.461 | 39843.891 | 25.663 | 27.094 | 28.213 | 1.018 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 116.437 | 19219 | 265.395 | 35439.617 | 39838.293 | 25.659 | 27.09 | 28.217 | 1.018 | 14.66 |
| 9/20/2018 18:45 | 1284300 | 116.436 | 19219 | 265.394 | 35446.883 | 39846.461 | 25.665 | 27.096 | 28.211 | 1.018 | 14.661 |
| 9/20/2018 19:00 | 1285200 | 116.443 | 1922 | 265.405 | 35456.996 | 39857.309 | 25.673 | 27.103 | 28.203 | 1.018 | 14.658 |
| 9/20/2018 19:15 | 1286100 | 116.449 | 19219 | 265.424 | 35430.684 | 39827.656 | 25.652 | 27.083 | 28.224 | 1.018 | 14.663 |
| 9/20/2018 19:30 | 1287000 | 116.456 | 19219 | 265.44 | 35439.023 | 39837.547 | 25.659 | 27.09 | 28.217 | 1.018 | 14.664 |
| 9/20/2018 19:45 | 1287900 | 116.464 | 19219 | 265.462 | 35438.133 | 39836.398 | 25.658 | 27.089 | 28.218 | 1.018 | 14.658 |
| 9/20/2018 20:00 | 1288800 | 116.466 | 19219 | 265.462 | 35459.898 | 39861.395 | 25.676 | 27.106 | 28.201 | 1.018 | 14.663 |
| 9/20/2018 20:15 | 1289700 | 116.465 | 19219 | 265.461 | 35453.586 | 39844.445 | 25.671 | 27.101 | 28.206 | 1.018 | 14.663 |
| 9/20/2018 20:30 | 1290600 | 116.47 | 1922 | 265.47 | 35438.94 | 39837.055 | 25.67 | 27.089 | 28.216 | 1.018 | 14.665 |
| 9/20/2018 20:45 | 1291500 | 116.478 | 19219 | 265.49 | 35435.367 | 39833.668 | 25.656 | 27.087 | 28.22 | 1.018 | 14.667 |
| 9/20/2018 21:00 | 1292400 | 116.469 | 19219 | 265.468 | 35413.586 | 39808.953 | 25.638 | 27.07 | 28.238 | 1.018 | 14.669 |
| 9/20/2018 21:15 | 1293300 | 116.484 | 19219 | 265.502 | 35449.813 | 39849.598 | 25.667 | 27.098 | 28.209 | 1.018 | 14.664 |
| 9/20/2018 21:30 | 1294200 | 116.48 | 19219 | 265.494 | 35442.977 | 39841.914 | 25.662 | 27.093 | 28.214 | 1.018 | 14.675 |
| 9/20/2018 21:45 | 1295100 | 116.492 | 1922 | 265.521 | 35438.594 | 39836.32 | 25.658 | 27.089 | 28.218 | 1.018 | 14.675 |
| 9/20/2018 22:00 | 1296000 | 116.494 | 19219 | 265.526 | 35462.074 | 39863.074 | 25.67 | 27.1 | 28.21 | 1.018 | 14.666 |
| 9/20/2018 22:15 | 1296900 | 116.486 | 19219 | 265.507 | 35433.254 | 39830.914 | 25.654 | 27.085 | 28.222 | 1.018 | 14.679 |
| 9/20/2018 22:30 | 1297800 | 116.497 | 1922 | 265.532 | 35435.844 | 39833.754 | 25.656 | 27.087 | 28.22 | 1.018 | 14.67 |
| 9/20/2018 22:45 | 1298700 | 116.49 | 1922 | 265.516 | 35454.063 | 39854.012 | 25.671 | 27.101 | 28.206 | 1.018 | 14.672 |
| 9/20/2018 23:00 | 1299600 | 116.485 | 1922 | 265.505 | 35460.367 | 39861.168 | 25.676 | 27.106 | 28.2 | 1.018 | 14.672 |
| 9/20/2018 23:15 | 1300500 | 116.487 | 19219 | 265.509 | 35426.398 | 39823.207 | 25.649 | 27.08 | 28.228 | 1.018 | 14.67 |
| 9/20/2018 23:30 | 1301400 | 116.488 | 19219 | 265.511 | 35460.976 | 39861.676 | 25.676 | 27.106 | 28.21 | 1.018 | 14.667 |
| 9/20/2018 23:45 | 1302300 | 116.479 | 19219 | 265.493 | 35444.074 | 39843.375 | 25.663 | 27.093 | 28.213 | 1.018 | 14.674 |
| 9/21/2018 0:00 | 1303200 | 116.483 | 19218 | 265.501 | 35452.094 | 39853.141 | 25.67 | 27.1 | 28.207 | 1.018 | 14.667 |
| 9/21/2018 0:15 | 1304100 | 116.476 | 19219 | 265.484 | 35469.492 | 39871.723 | 25.683 | 27.113 | 28.193 | 1.018 | 14.672 |
| 9/21/2018 0:30 | 1305000 | 116.478 | 19219 | 265.489 | 35435.238 | 39833.145 | 25.656 | 27.087 | 28.22 | 1.018 | 14.667 |
| 9/21/2018 0:45 | 1305900 | 116.475 | 19219 | 265.483 | 35453.535 | 39854.238 | 25.671 | 27.101 | 28.206 | 1.018 | 14.663 |
| 9/21/2018 1:00 | 1306800 | 116.46 | 19219 | 265.449 | 35441.344 | 39840.465 | 25.661 | 27.092 | 28.216 | 1.018 | 14.668 |
| 9/21/2018 1:15 | 1307700 | 116.452 | 19219 | 265.43 | 35439.777 | 39838.246 | 25.659 | 27.09 | 28.217 | 1.018 | 14.669 |
| 9/21/2018 1:30 | 1308600 | 116.458 | 19219 | 265.443 | | | | | | | |

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|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|--------|-------|----------|
| 9/22/2018 10:00 | 1425600 | 116.382 | 19.219 | 265.271 | 35455.68 | 39856.652 | 25.672 | 27.103 | 28.204 | 1.018 | 14.735 |
| 9/22/2018 10:15 | 1426500 | 116.384 | 19.219 | 265.276 | 35434.316 | 39832.699 | 25.655 | 27.086 | 28.221 | 1.018 | 14.736 |
| 9/22/2018 10:30 | 1427400 | 116.407 | 19.22 | 265.328 | 35475.18 | 39877.969 | 25.688 | 27.117 | 28.189 | 1.018 | 14.732 |
| 9/22/2018 10:45 | 1428300 | 116.393 | 19.22 | 265.293 | 35457.238 | 39857.652 | 25.673 | 27.103 | 28.203 | 1.018 | 14.737 |
| 9/22/2018 11:00 | 1429200 | 116.401 | 19.219 | 265.314 | 35465.047 | 39867.332 | 25.68 | 27.11 | 28.197 | 1.018 | 14.732 |
| 9/22/2018 11:15 | 1430100 | 116.416 | 19.219 | 265.347 | 35488.449 | 39866.502 | 25.658 | 27.089 | 28.218 | 1.018 | 14.733 |
| 9/22/2018 11:30 | 1431000 | 116.419 | 19.219 | 265.355 | 35493.266 | 39863.266 | 25.655 | 27.086 | 28.222 | 1.018 | 14.731 |
| 9/22/2018 11:45 | 1431900 | 116.417 | 19.219 | 265.351 | 35464.34 | 39866.313 | 25.679 | 27.109 | 28.197 | 1.018 | 14.733 |
| 9/22/2018 12:00 | 1432800 | 116.427 | 19.219 | 265.373 | 35432.723 | 39830.695 | 25.654 | 27.085 | 28.222 | 1.018 | 14.732 |
| 9/22/2018 12:15 | 1433700 | 116.421 | 19.22 | 265.36 | 35470.227 | 39872.109 | 25.683 | 27.113 | 28.193 | 1.018 | 14.731 |
| 9/22/2018 12:30 | 1434600 | 116.419 | 19.219 | 265.354 | 35426.52 | 39823.641 | 25.649 | 27.08 | 28.227 | 1.018 | 14.734 |
| 9/22/2018 12:45 | 1435500 | 116.43 | 19.219 | 265.38 | 35447.52 | 39847.406 | 25.666 | 27.096 | 28.211 | 1.018 | 14.733 |
| 9/22/2018 13:00 | 1436400 | 116.433 | 19.219 | 265.386 | 35454.684 | 39855.531 | 25.671 | 27.102 | 28.205 | 1.018 | 14.722 |
| 9/22/2018 13:15 | 1437300 | 116.434 | 19.22 | 265.39 | 35440.016 | 39838.293 | 25.659 | 27.09 | 28.217 | 1.018 | 14.73 |
| 9/22/2018 13:30 | 1438200 | 116.436 | 19.219 | 265.393 | 35460.414 | 39861.824 | 25.676 | 27.106 | 28.2 | 1.018 | 14.726 |
| 9/22/2018 13:45 | 1439100 | 116.442 | 19.219 | 265.407 | 35457.609 | 39858.293 | 25.674 | 27.104 | 28.203 | 1.018 | 14.721 |
| 9/22/2018 14:00 | 1440000 | 116.432 | 19.219 | 265.384 | 35451.035 | 39850.973 | 25.668 | 27.099 | 28.208 | 1.018 | 14.721 |
| 9/22/2018 14:15 | 1440900 | 116.437 | 19.219 | 265.397 | 35464.301 | 39866.113 | 25.679 | 27.109 | 28.197 | 1.018 | 14.717 |
| 9/22/2018 14:30 | 1441800 | 116.437 | 19.219 | 265.397 | 35464.301 | 39867.047 | 25.68 | 27.11 | 28.197 | 1.018 | 14.716 |
| 9/22/2018 14:45 | 1442700 | 116.431 | 19.218 | 265.381 | 35451.793 | 39852.73 | 25.67 | 27.1 | 28.207 | 1.018 | 14.715 |
| 9/22/2018 15:00 | 1443600 | 116.429 | 19.218 | 265.378 | 35448.211 | 39848.254 | 25.666 | 27.097 | 28.21 | 1.018 | 14.714 |
| 9/22/2018 15:15 | 1444500 | 116.43 | 19.219 | 265.38 | 35440.715 | 39839.527 | 25.66 | 27.091 | 28.216 | 1.018 | 14.713 |
| 9/22/2018 15:30 | 1445400 | 116.427 | 19.219 | 265.372 | 35456.668 | 39857.824 | 25.673 | 27.103 | 28.203 | 1.018 | 14.712 |
| 9/22/2018 15:45 | 1446300 | 116.417 | 19.22 | 265.351 | 35446.871 | 39846 | 25.665 | 27.095 | 28.211 | 1.018 | 14.711 |
| 9/22/2018 16:00 | 1447200 | 116.420 | 19.22 | 265.37 | 35453.359 | 39853.863 | 25.672 | 27.102 | 28.204 | 1.018 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 116.423 | 19.218 | 265.364 | 35439.914 | 39839.52 | 25.66 | 27.091 | 28.217 | 1.018 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 116.412 | 19.218 | 265.339 | 35470.746 | 39874.035 | 25.685 | 27.114 | 28.192 | 1.018 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 116.45 | 19.219 | 265.425 | 35448.488 | 39848.496 | 25.667 | 27.097 | 28.21 | 1.018 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 116.419 | 19.218 | 265.355 | 35456.734 | 39858.355 | 25.674 | 27.104 | 28.203 | 1.018 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 116.423 | 19.218 | 265.365 | 35438.109 | 39837.27 | 25.659 | 27.089 | 28.218 | 1.018 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 116.428 | 19.219 | 265.376 | 35436.313 | 39834.5 | 25.657 | 27.087 | 28.22 | 1.018 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 116.418 | 19.219 | 265.352 | 35436.297 | 39834.789 | 25.657 | 27.088 | 28.22 | 1.018 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 116.417 | 19.219 | 265.351 | 35447.141 | 39847.117 | 25.666 | 27.096 | 28.211 | 1.018 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 116.426 | 19.218 | 265.372 | 35447.949 | 39848.703 | 25.667 | 27.097 | 28.21 | 1.018 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 116.428 | 19.219 | 265.376 | 35465.16 | 39867.531 | 25.68 | 27.11 | 28.197 | 1.018 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 116.425 | 19.219 | 265.369 | 35421.645 | 39818.09 | 25.645 | 27.076 | 28.231 | 1.018 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 116.434 | 19.219 | 265.388 | 35447.727 | 39842.461 | 25.662 | 27.083 | 28.215 | 1.018 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 116.433 | 19.219 | 265.388 | 35441.574 | 39840.566 | 25.661 | 27.092 | 28.215 | 1.018 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 116.431 | 19.219 | 265.381 | 35430.52 | 39828.59 | 25.652 | 27.083 | 28.224 | 1.018 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 116.431 | 19.219 | 265.383 | 35451.383 | 39851.82 | 25.669 | 27.099 | 28.208 | 1.018 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 116.44 | 19.219 | 265.402 | 35470.965 | 39873.602 | 25.685 | 27.114 | 28.192 | 1.018 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 116.452 | 19.219 | 265.431 | 35461.461 | 39862.918 | 25.677 | 27.107 | 28.2 | 1.018 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 116.45 | 19.219 | 265.426 | 35472.246 | 39875.273 | 25.686 | 27.115 | 28.191 | 1.018 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 116.452 | 19.22 | 265.429 | 35465.414 | 39865.547 | 25.648 | 27.109 | 28.196 | 1.018 | 14.697 |
| 9/22/2018 21:00 | 1465200 | 116.453 | 19.22 | 265.432 | 35455.867 | 39855.621 | 25.665 | 27.095 | 28.201 | 1.018 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 116.468 | 19.219 | 265.466 | 35443.316 | 39842.816 | 25.663 | 27.093 | 28.214 | 1.018 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 116.476 | 19.22 | 265.484 | 35470.145 | 39872.309 | 25.684 | 27.113 | 28.193 | 1.018 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 116.478 | 19.22 | 265.49 | 35425.043 | 39820.945 | 25.647 | 27.078 | 28.229 | 1.018 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 116.485 | 19.218 | 265.505 | 35443.523 | 39843.355 | 25.663 | 27.093 | 28.214 | 1.018 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 116.491 | 19.22 | 265.52 | 35459.93 | 39860.676 | 25.675 | 27.105 | 28.203 | 1.018 | 14.694 |
| 9/22/2018 22:30 | 1470600 | 116.487 | 19.22 | 265.511 | 35448.156 | 39847.371 | 25.666 | 27.096 | 28.21 | 1.018 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 116.491 | 19.219 | 265.519 | 35451.984 | 39852.039 | 25.669 | 27.099 | 28.207 | 1.018 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 116.498 | 19.219 | 265.535 | 35455.91 | 39856.68 | 25.672 | 27.103 | 28.204 | 1.018 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 116.512 | 19.219 | 265.567 | 35452.016 | 39852.531 | 25.669 | 27.1 | 28.207 | 1.018 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 116.501 | 19.219 | 265.542 | 35452.973 | 39853.902 | 25.67 | 27.101 | 28.206 | 1.018 | 14.691 |
| 9/22/2018 23:45 | 1475100 | 116.508 | 19.22 | 265.558 | 35474.957 | 39877.496 | 25.687 | 27.117 | 28.189 | 1.018 | 14.694 |
| 9/23/2018 0:00 | 1476000 | 116.516 | 19.22 | 265.575 | 35458.758 | 39859.289 | 25.674 | 27.104 | 28.202 | 1.018 | 14.695 |
| 9/23/2018 0:15 | 1476900 | 116.5 | 19.219 | 265.539 | 35454.66 | 39855.273 | 25.671 | 27.102 | 28.205 | 1.018 | 14.697 |
| 9/23/2018 0:30 | 1477800 | 116.501 | 19.22 | 265.541 | 35458.328 | 39858.734 | 25.674 | 27.104 | 28.202 | 1.018 | 14.693 |
| 9/23/2018 0:45 | 1478700 | 116.495 | 19.219 | 265.528 | 35458.961 | 39860.633 | 25.675 | 27.105 | 28.202 | 1.018 | 14.698 |
| 9/23/2018 1:00 | 1479600 | 116.499 | 19.219 | 265.537 | 35442.463 | 39841.324 | 25.662 | 27.092 | 28.215 | 1.018 | 14.699 |
| 9/23/2018 1:15 | 1480500 | 116.492 | 19.219 | 265.524 | 35451.547 | 39852.07 | 25.665 | 27.099 | 28.208 | 1.018 | 14.698 |
| 9/23/2018 1:30 | 1481400 | 116.48 | 19.219 | 265.494 | 35459.816 | 39860.922 | 25.675 | 27.105 | 28.201 | 1.018 | 14.696 |
| 9/23/2018 1:45 | 1482300 | 116.487 | 19.219 | 265.51 | 35437.234 | 39835.766 | 25.658 | 27.088 | 28.219 | 1.018 | 14.686 |
| 9/23/2018 2:00 | 1483200 | 116.481 | 19.219 | 265.497 | 35467.73 | 39869.816 | 25.682 | 27.111 | 28.195 | 1.018 | 14.691 |
| 9/23/2018 2:15 | 1484100 | 116.497 | 19.218 | 265.533 | 35449.027 | 39849.621 | 25.667 | 27.098 | 28.21 | 1.018 | 14.688 |
| 9/23/2018 2:30 | 1485000 | 116.47 | 19.219 | 265.47 | 35465.059 | 39866.738 | 25.68 | 27.109 | 28.197 | 1.018 | 14.691 |
| 9/23/2018 2:45 | 1485900 | 116.463 | 19.219 | 265.463 | 35458.094 | 39836.73 | 25.668 | 27.089 | 28.214 | 1.018 | 14.694 |
| 9/23/2018 3:00 | 1486800 | 116.471 | 19.219 | 265.474 | 35471.609 | 39874.559 | 25.685 | 27.115 | 28.192 | 1.018 | 14.691 |
| 9/23/2018 3:15 | 1487700 | 116.454 | 19.219 | 265.434 | 35442.109 | 39841.395 | 25.662 | 27.092 | 28.215 | 1.018 | 14.693 |
| 9/23/2018 3:30 | 1488600 | 116.445 | 19.219 | 265.413 | 35458.465 | 39859.711 | 25.675 | 27.105 | 28.202 | 1.018 | 14.687 |
| 9/23/2018 3:45 | 1489500 | 116.447 | 19.219 | 265.418 | 35440.391 | 39839.684 | 25.66 | 27.091 | 28.216 | 1.018 | 14.682 |
| 9/23/2018 4:00 | 1490400 | 116.425 | 19.219 | 265.368 | 35433.234 | 39831.418 | 25.654 | 27.085 | 28.222 | 1.018 | 14.689 |
| 9/23/2018 4:15 | 1491300 | 116.427 | 19.219 | 265.374 | 35443.77 | 39843.484 | 25.663 | 27.094 | 28.214 | 1.018 | 14.687 |
| 9/23/2018 4:30 | 1492200 | 116.416 | 19.219 | 265.348 | 35435.918 | 39834.438 | 25.657 | 27.087 | 28.22 | 1.018 | 14.688 |
| 9/23/2018 4:45 | 1493100 | 116.423 | 19.219 | 265.363 | 35430.227 | 39827.965 | 25.652 | 27.083 | 28.224 | 1.018 | 14.679 |
| 9/23/2018 5:00 | 1494000 | 116.399 | 19.219 | 265.31 | 35435.039 | 39833.07 | 25.656 | 27.086 | 28.221 | 1.018 | 14.686 |
| 9/23/2018 5:15 | 1494900 | 116.403 | 19.219 | 265.319 | 35453.832 | 39854.867 | 25.671 | 27.101 | 28.206 | 1.018 | 14.678 |
| 9/23/2018 5:30 | 1495800 | 116.394 | 19.219 | 265.298 | 35441.098 | 39840.258 | 25.661 | 27.091 | 28.216 | 1.018 | 14.682 |
| 9/23/2018 5:45 | 1496700 | 116.399 | 19.218 | 265.299 | 35450.91 | 39851.809 | 25.669 | 27.099 | 28.208 | 1.018 | 14.682 |
| 9/23/2018 6:00 | 1497600 | 116.391 | 19.219 | 265.29 | 35438.715 | 39838.027 | 25.659 | 27.09 | 28.218 | 1.018 | 14.679</ |

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|-----------------|---------|---------|-------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/24/2018 14:45 | 1615500 | 116.611 | 10219 | 265.793 | 35448.953 | 39840.152 | 25.667 | 27.097 | 28.21 | 1.018 | 14.668 |
| 9/24/2018 15:00 | 1616400 | 116.604 | 10219 | 265.776 | 35487.434 | 39892.41 | 25.698 | 27.127 | 28.179 | 1.018 | 14.673 |
| 9/24/2018 15:15 | 1617300 | 116.591 | 10219 | 265.747 | 35446.293 | 39846.391 | 25.665 | 27.096 | 28.212 | 1.018 | 14.669 |
| 9/24/2018 15:30 | 1618200 | 116.594 | 10219 | 265.754 | 35455.746 | 39856.875 | 25.673 | 27.103 | 28.204 | 1.018 | 14.665 |
| 9/24/2018 15:45 | 1619100 | 116.59 | 10218 | 265.745 | 35453.223 | 39854.41 | 25.671 | 27.101 | 28.206 | 1.018 | 14.67 |
| 9/24/2018 16:00 | 1620000 | 116.593 | 10218 | 265.752 | 35499.637 | 39899.512 | 25.666 | 27.091 | 28.217 | 1.018 | 14.674 |
| 9/24/2018 16:15 | 1620900 | 116.59 | 10219 | 265.759 | 35489.887 | 39892.889 | 25.668 | 27.098 | 28.209 | 1.018 | 14.669 |
| 9/24/2018 16:30 | 1621800 | 116.581 | 10219 | 265.725 | 35444.906 | 39844.16 | 25.664 | 27.094 | 28.213 | 1.018 | 14.673 |
| 9/24/2018 16:45 | 1622700 | 116.568 | 10219 | 265.693 | 35445.375 | 39845.359 | 25.664 | 27.095 | 28.212 | 1.018 | 14.668 |
| 9/24/2018 17:00 | 1623600 | 116.57 | 10218 | 265.698 | 35478.832 | 39883.418 | 25.691 | 27.121 | 28.186 | 1.018 | 14.665 |
| 9/24/2018 17:15 | 1624500 | 116.572 | 10218 | 265.704 | 35438.586 | 39838.102 | 25.659 | 27.09 | 28.218 | 1.018 | 14.662 |
| 9/24/2018 17:30 | 1625400 | 116.568 | 10218 | 265.695 | 35452.59 | 39853.699 | 25.67 | 27.101 | 28.207 | 1.018 | 14.668 |
| 9/24/2018 17:45 | 1626300 | 116.559 | 10219 | 265.675 | 35431.721 | 39853.98 | 25.671 | 27.101 | 28.206 | 1.018 | 14.667 |
| 9/24/2018 18:00 | 1627200 | 116.556 | 10219 | 265.668 | 35448.238 | 39848.348 | 25.677 | 27.097 | 28.21 | 1.018 | 14.666 |
| 9/24/2018 18:15 | 1628100 | 116.554 | 10219 | 265.663 | 35457.297 | 39858.168 | 25.674 | 27.104 | 28.203 | 1.018 | 14.667 |
| 9/24/2018 18:30 | 1629000 | 116.551 | 10219 | 265.655 | 35462.219 | 39864 | 25.678 | 27.108 | 28.199 | 1.018 | 14.668 |
| 9/24/2018 18:45 | 1629900 | 116.553 | 10218 | 265.661 | 35451.063 | 39852.125 | 25.669 | 27.099 | 28.208 | 1.018 | 14.665 |
| 9/24/2018 19:00 | 1630800 | 116.56 | 10219 | 265.676 | 35448.836 | 39855.703 | 25.672 | 27.102 | 28.205 | 1.018 | 14.668 |
| 9/24/2018 19:15 | 1631700 | 116.563 | 10219 | 265.683 | 35441.965 | 39840.23 | 25.661 | 27.091 | 28.215 | 1.018 | 14.663 |
| 9/24/2018 19:30 | 1632600 | 116.57 | 10218 | 265.699 | 35434.254 | 39833.461 | 25.656 | 27.087 | 28.221 | 1.018 | 14.66 |
| 9/24/2018 19:45 | 1633500 | 116.559 | 10217 | 265.673 | 35469.262 | 39873.191 | 25.684 | 27.114 | 28.193 | 1.018 | 14.668 |
| 9/24/2018 20:00 | 1634400 | 116.561 | 10218 | 265.679 | 35461.285 | 39863.543 | 25.677 | 27.107 | 28.2 | 1.018 | 14.67 |
| 9/24/2018 20:15 | 1635300 | 116.563 | 10218 | 265.682 | 35446.297 | 39846.625 | 25.665 | 27.096 | 28.212 | 1.018 | 14.671 |
| 9/24/2018 20:30 | 1636200 | 116.57 | 10218 | 265.7 | 35431.391 | 39829.867 | 25.653 | 27.084 | 28.224 | 1.018 | 14.67 |
| 9/24/2018 20:45 | 1637100 | 116.564 | 10218 | 265.678 | 35433.953 | 39832.598 | 25.655 | 27.086 | 28.222 | 1.018 | 14.681 |
| 9/24/2018 21:00 | 1638000 | 116.576 | 10218 | 265.713 | 35457.707 | 39859.824 | 25.675 | 27.105 | 28.203 | 1.018 | 14.675 |
| 9/24/2018 21:15 | 1638900 | 116.575 | 10219 | 265.711 | 35456.359 | 39857.113 | 25.673 | 27.103 | 28.204 | 1.018 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 116.585 | 10218 | 265.733 | 35430.793 | 39829.195 | 25.653 | 27.084 | 28.224 | 1.018 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 116.577 | 10219 | 265.715 | 35463.473 | 39865.477 | 25.679 | 27.109 | 28.198 | 1.018 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 116.598 | 10218 | 265.763 | 35442.012 | 39842.102 | 25.662 | 27.093 | 28.215 | 1.018 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 116.594 | 10219 | 265.753 | 35444.289 | 39843.391 | 25.663 | 27.094 | 28.219 | 1.018 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 116.602 | 10219 | 265.772 | 35429.719 | 39827.617 | 25.652 | 27.083 | 28.225 | 1.018 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 116.597 | 10218 | 265.76 | 35460.883 | 39863.164 | 25.677 | 27.107 | 28.2 | 1.018 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 116.611 | 10219 | 265.793 | 35442.551 | 39841.59 | 25.662 | 27.092 | 28.215 | 1.018 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 116.615 | 10219 | 265.802 | 35441.465 | 39840.82 | 25.661 | 27.092 | 28.216 | 1.018 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 116.612 | 10218 | 265.795 | 35479.922 | 39884.566 | 25.692 | 27.122 | 28.185 | 1.018 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 116.617 | 10219 | 265.817 | 35441.512 | 39841.02 | 25.661 | 27.092 | 28.215 | 1.018 | 14.681 |
| 9/25/2018 0:00 | 1648800 | 116.627 | 10219 | 265.827 | 35466.594 | 39868.848 | 25.688 | 27.111 | 28.186 | 1.018 | 14.688 |
| 9/25/2018 0:15 | 1649700 | 116.652 | 10219 | 265.887 | 35429.359 | 39827.285 | 25.651 | 27.083 | 28.225 | 1.018 | 14.689 |
| 9/25/2018 0:30 | 1650600 | 116.634 | 10219 | 265.845 | 35468.762 | 39870.977 | 25.683 | 27.112 | 28.194 | 1.018 | 14.688 |
| 9/25/2018 0:45 | 1651500 | 116.642 | 10219 | 265.863 | 35444.844 | 39844.617 | 25.664 | 27.094 | 28.213 | 1.018 | 14.686 |
| 9/25/2018 1:00 | 1652400 | 116.641 | 10219 | 265.861 | 35454.5 | 39855.254 | 25.671 | 27.102 | 28.205 | 1.018 | 14.691 |
| 9/25/2018 1:15 | 1653300 | 116.633 | 10218 | 265.843 | 35447.492 | 39847.816 | 25.666 | 27.097 | 28.211 | 1.018 | 14.688 |
| 9/25/2018 1:30 | 1654200 | 116.652 | 10219 | 265.885 | 35449.527 | 39859.105 | 25.668 | 27.098 | 28.209 | 1.018 | 14.689 |
| 9/25/2018 1:45 | 1655100 | 116.63 | 10219 | 265.837 | 35448.938 | 39849.137 | 25.667 | 27.097 | 28.21 | 1.018 | 14.69 |
| 9/25/2018 2:00 | 1656000 | 116.645 | 10219 | 265.871 | 35459.383 | 39861.105 | 25.676 | 27.106 | 28.201 | 1.018 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 116.631 | 10218 | 265.837 | 35441.867 | 39842.168 | 25.662 | 27.093 | 28.215 | 1.018 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 116.634 | 10217 | 265.845 | 35445.363 | 39846.324 | 25.665 | 27.096 | 28.212 | 1.018 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 116.625 | 10219 | 265.825 | 35464.355 | 39866.555 | 25.679 | 27.109 | 28.197 | 1.018 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 116.624 | 10219 | 265.821 | 35454.063 | 39854.684 | 25.671 | 27.101 | 28.206 | 1.018 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 116.631 | 10219 | 265.837 | 35441.008 | 39840.223 | 25.661 | 27.091 | 28.216 | 1.018 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 116.609 | 10218 | 265.787 | 35456.863 | 39858.645 | 25.674 | 27.104 | 28.203 | 1.018 | 14.686 |
| 9/25/2018 3:45 | 1662300 | 116.612 | 10219 | 265.796 | 35461.168 | 39862.82 | 25.677 | 27.107 | 28.2 | 1.018 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 116.597 | 10219 | 265.76 | 35446.715 | 39846.867 | 25.665 | 27.096 | 28.211 | 1.018 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 116.599 | 10219 | 265.766 | 35480.031 | 39884.246 | 25.692 | 27.121 | 28.185 | 1.018 | 14.68 |
| 9/25/2018 4:30 | 1665000 | 116.59 | 10222 | 265.745 | 35442.965 | 39841.758 | 25.662 | 27.092 | 28.214 | 1.018 | 14.687 |
| 9/25/2018 4:45 | 1665900 | 116.587 | 10219 | 265.738 | 35453.422 | 39854.176 | 25.671 | 27.101 | 28.206 | 1.018 | 14.685 |
| 9/25/2018 5:00 | 1666800 | 116.587 | 10219 | 265.738 | 35455.98 | 39856.988 | 25.673 | 27.103 | 28.204 | 1.018 | 14.678 |
| 9/25/2018 5:15 | 1667700 | 116.578 | 10219 | 265.716 | 35437.395 | 39836.391 | 25.658 | 27.089 | 28.219 | 1.018 | 14.682 |
| 9/25/2018 5:30 | 1668600 | 116.571 | 10218 | 265.7 | 35442.559 | 39842.422 | 25.662 | 27.093 | 28.215 | 1.018 | 14.685 |
| 9/25/2018 5:45 | 1669500 | 116.558 | 10219 | 265.671 | 35445.68 | 39845.473 | 25.664 | 27.095 | 28.212 | 1.018 | 14.69 |
| 9/25/2018 6:00 | 1670400 | 116.554 | 10219 | 265.658 | 35439.81 | 39839.32 | 25.66 | 27.091 | 28.206 | 1.018 | 14.687 |
| 9/25/2018 6:15 | 1671300 | 116.55 | 10219 | 265.653 | 35453.922 | 39854.824 | 25.671 | 27.101 | 28.206 | 1.018 | 14.691 |
| 9/25/2018 6:30 | 1672200 | 116.555 | 10218 | 265.665 | 35471.148 | 39874.41 | 25.685 | 27.115 | 28.192 | 1.018 | 14.686 |
| 9/25/2018 6:45 | 1673100 | 116.536 | 10218 | 265.622 | 35467.285 | 39870.066 | 25.682 | 27.112 | 28.195 | 1.018 | 14.696 |
| 9/25/2018 7:00 | 1674000 | 116.544 | 10219 | 265.64 | 35444.773 | 39843.934 | 25.663 | 27.094 | 28.213 | 1.018 | 14.69 |
| 9/25/2018 7:15 | 1674900 | 116.538 | 10219 | 265.627 | 35462.488 | 39864.156 | 25.678 | 27.108 | 28.199 | 1.018 | 14.69 |
| 9/25/2018 7:30 | 1675800 | 116.54 | 10219 | 265.63 | 35475.74 | 39876.227 | 25.685 | 27.113 | 28.19 | 1.018 | 14.692 |
| 9/25/2018 7:45 | 1676700 | 116.534 | 10218 | 265.616 | 35457.98 | 39859.688 | 25.675 | 27.105 | 28.202 | 1.018 | 14.692 |
| 9/25/2018 8:00 | 1677600 | 116.528 | 10219 | 265.604 | 35451.152 | 39851.855 | 25.669 | 27.099 | 28.208 | 1.018 | 14.698 |
| 9/25/2018 8:15 | 1678500 | 116.535 | 10218 | 265.619 | 35452.656 | 39853.621 | 25.67 | 27.1 | 28.207 | 1.018 | 14.698 |
| 9/25/2018 8:30 | 1679400 | 116.536 | 10219 | 265.621 | 35465.16 | 39867.457 | 25.68 | 27.11 | 28.197 | 1.018 | 14.7 |
| 9/25/2018 8:45 | 1680300 | 116.526 | 10218 | 265.599 | 35446.855 | 39847.324 | 25.666 | 27.096 | 28.211 | 1.018 | 14.706 |
| 9/25/2018 8:59 | 1681200 | 116.536 | 10219 | 265.618 | 35430.848 | 39838.967 | 25.663 | 27.094 | 28.224 | 1.018 | 14.705 |
| 9/25/2018 9:15 | 1682100 | 116.537 | 10219 | 265.624 | 35446.582 | 39846.488 | 25.665 | 27.096 | 28.211 | 1.018 | 14.701 |
| 9/25/2018 9:30 | 1683000 | 116.547 | 10219 | 265.647 | 35441.508 | 39841.012 | 25.661 | 27.092 | 28.216 | 1.018 | 14.707 |
| 9/25/2018 9:45 | 1683900 | 116.536 | 10218 | 265.621 | 35438.57 | 39838.23 | 25.659 | 27.09 | 28.218 | 1.018 | 14.709 |
| 9/25/2018 10:00 | 1684800 | 116.549 | 10219 | 265.652 | 35444.852 | 39844.098 | 25.663 | 27.094 | 28.213 | 1.018 | 14.711 |
| 9/25/2018 10:15 | 1685700 | 116.546 | 10218 | 265.643 | 35437.258 | 39836.313 | 25.658 | 27.089 | 28.219 | 1.018 | 14.718 |
| 9/25/2018 10:30 | 1686600 | 116.552 | 10219 | 265.658 | 35458.391 | 39859.848 | 25.675 | 27.105 | 28.202 | 1.018 | 14.712 |
| 9/25/2018 10:45 | 1687500 | 116.563 | 10219 | 265.683 | 35462.023 | 39864.715 | 25.685 | 27.108 | 28.199 | 1.018 | 14.71 |
| 9/25/2018 11:00 | 1688400 | 116.558 | 10219 | 265.673 | 35 | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|-------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/26/2018 19:30 | 1805400 | 116.533 | 19219 | 265.615 | 35452.961 | 39853.742 | 25.67 | 27.101 | 28.206 | 1.018 | 14.723 |
| 9/26/2018 19:45 | 1806300 | 116.541 | 19218 | 265.634 | 35462.809 | 39865.633 | 25.679 | 27.109 | 28.199 | 1.018 | 14.718 |
| 9/26/2018 20:00 | 1807200 | 116.53 | 19218 | 265.608 | 35442.461 | 39842.238 | 25.662 | 27.093 | 28.215 | 1.018 | 14.72 |
| 9/26/2018 20:15 | 1808100 | 116.541 | 19218 | 265.632 | 35460.508 | 39863.195 | 25.677 | 27.107 | 28.2 | 1.018 | 14.719 |
| 9/26/2018 20:30 | 1809000 | 116.529 | 19218 | 265.606 | 35439.199 | 39838.938 | 25.66 | 27.09 | 28.217 | 1.018 | 14.724 |
| 9/26/2018 20:45 | 1809900 | 116.524 | 19218 | 265.595 | 35426.836 | 39824.891 | 25.65 | 27.081 | 28.227 | 1.018 | 14.723 |
| 9/26/2018 21:00 | 1810800 | 116.525 | 19218 | 265.601 | 35435.871 | 39839.18 | 25.67 | 27.104 | 28.202 | 1.018 | 14.722 |
| 9/26/2018 21:15 | 1811700 | 116.524 | 19218 | 265.595 | 35461.383 | 39863.512 | 25.677 | 27.107 | 28.2 | 1.018 | 14.72 |
| 9/26/2018 21:30 | 1812600 | 116.525 | 19218 | 265.597 | 35459.387 | 39861.266 | 25.676 | 27.106 | 28.201 | 1.018 | 14.719 |
| 9/26/2018 21:45 | 1813500 | 116.521 | 19218 | 265.587 | 35451.93 | 39852.805 | 25.67 | 27.1 | 28.207 | 1.018 | 14.724 |
| 9/26/2018 22:00 | 1814400 | 116.519 | 19218 | 265.583 | 35454.844 | 39856.16 | 25.672 | 27.102 | 28.205 | 1.018 | 14.722 |
| 9/26/2018 22:15 | 1815300 | 116.527 | 19218 | 265.6 | 35448.246 | 39848.961 | 25.667 | 27.097 | 28.21 | 1.018 | 14.714 |
| 9/26/2018 22:30 | 1816200 | 116.53 | 19218 | 265.62 | 35454.539 | 39855.78 | 25.673 | 27.102 | 28.205 | 1.018 | 14.725 |
| 9/26/2018 22:45 | 1817100 | 116.536 | 19218 | 265.621 | 35469.141 | 39872.523 | 25.684 | 27.113 | 28.194 | 1.018 | 14.721 |
| 9/26/2018 23:00 | 1818000 | 116.541 | 19218 | 265.633 | 35472.008 | 39875.75 | 25.686 | 27.116 | 28.191 | 1.018 | 14.724 |
| 9/26/2018 23:15 | 1818900 | 116.544 | 19218 | 265.64 | 35457.648 | 39859.313 | 25.674 | 27.104 | 28.203 | 1.018 | 14.724 |
| 9/26/2018 23:30 | 1819800 | 116.55 | 19219 | 265.654 | 35473.266 | 39876.348 | 25.686 | 27.116 | 28.19 | 1.018 | 14.719 |
| 9/26/2018 23:45 | 1820700 | 116.541 | 19219 | 265.632 | 35437.453 | 39836.457 | 25.658 | 27.089 | 28.219 | 1.018 | 14.719 |
| 9/27/2018 0:00 | 1821600 | 116.541 | 19219 | 265.64 | 35448.505 | 39848.285 | 25.666 | 27.097 | 28.21 | 1.018 | 14.724 |
| 9/27/2018 0:15 | 1822500 | 116.554 | 19219 | 265.663 | 35459.285 | 39860.555 | 25.675 | 27.105 | 28.201 | 1.018 | 14.714 |
| 9/27/2018 0:30 | 1823400 | 116.563 | 19219 | 265.683 | 35437.426 | 39835.98 | 25.658 | 27.088 | 28.219 | 1.018 | 14.715 |
| 9/27/2018 0:45 | 1824300 | 116.572 | 19219 | 265.703 | 35435.492 | 39833.957 | 25.656 | 27.087 | 28.22 | 1.018 | 14.715 |
| 9/27/2018 1:00 | 1825200 | 116.571 | 1922 | 265.701 | 35462.109 | 39863.277 | 25.677 | 27.107 | 28.199 | 1.018 | 14.715 |
| 9/27/2018 1:15 | 1826100 | 116.571 | 19218 | 265.702 | 35447.371 | 39847.832 | 25.666 | 27.097 | 28.211 | 1.018 | 14.715 |
| 9/27/2018 1:30 | 1827000 | 116.573 | 19219 | 265.706 | 35459.105 | 39860.352 | 25.675 | 27.105 | 28.202 | 1.018 | 14.714 |
| 9/27/2018 1:45 | 1827900 | 116.584 | 19219 | 265.73 | 35455.086 | 39857.172 | 25.673 | 27.103 | 28.205 | 1.018 | 14.707 |
| 9/27/2018 2:00 | 1828800 | 116.576 | 19219 | 265.712 | 35458.957 | 39860.484 | 25.675 | 27.105 | 28.202 | 1.018 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 116.582 | 19218 | 265.727 | 35444.605 | 39845.246 | 25.664 | 27.095 | 28.213 | 1.018 | 14.705 |
| 9/27/2018 2:30 | 1830600 | 116.591 | 19219 | 265.746 | 35472.352 | 39875.32 | 25.686 | 27.115 | 28.191 | 1.018 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 116.585 | 19218 | 265.732 | 35461.43 | 39863.637 | 25.677 | 27.107 | 28.2 | 1.018 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 116.59 | 19219 | 265.744 | 35467.465 | 39870.543 | 25.682 | 27.112 | 28.195 | 1.018 | 14.706 |
| 9/27/2018 3:15 | 1833300 | 116.583 | 19219 | 265.728 | 35442.449 | 39841.926 | 25.662 | 27.093 | 28.215 | 1.018 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 116.594 | 19218 | 265.754 | 35450.547 | 39851.621 | 25.669 | 27.099 | 28.208 | 1.018 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 116.581 | 19219 | 265.725 | 35449.563 | 39850.066 | 25.668 | 27.098 | 28.209 | 1.018 | 14.705 |
| 9/27/2018 4:00 | 1836000 | 116.582 | 19217 | 265.727 | 35438.164 | 39838.148 | 25.659 | 27.09 | 28.218 | 1.018 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 116.589 | 19218 | 265.742 | 35457.391 | 39859.238 | 25.674 | 27.104 | 28.203 | 1.018 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 116.569 | 19218 | 265.714 | 35441.531 | 39840.676 | 25.661 | 27.092 | 28.216 | 1.018 | 14.706 |
| 9/27/2018 4:45 | 1838700 | 116.576 | 19218 | 265.716 | 35438.734 | 39838.051 | 25.659 | 27.09 | 28.219 | 1.018 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 116.557 | 19217 | 265.67 | 35463.988 | 39867.262 | 25.68 | 27.11 | 28.198 | 1.018 | 14.702 |
| 9/27/2018 5:15 | 1840500 | 116.566 | 19218 | 265.69 | 35441.855 | 39841.559 | 25.662 | 27.092 | 28.215 | 1.018 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 116.567 | 19218 | 265.692 | 35467.477 | 39870.281 | 25.682 | 27.112 | 28.195 | 1.018 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 116.546 | 19218 | 265.644 | 35454.137 | 39856.031 | 25.672 | 27.102 | 28.205 | 1.018 | 14.708 |
| 9/27/2018 6:00 | 1843200 | 116.551 | 19218 | 265.657 | 35458.094 | 39860.105 | 25.675 | 27.105 | 28.202 | 1.018 | 14.699 |
| 9/27/2018 6:15 | 1844100 | 116.556 | 19218 | 265.661 | 35469.734 | 39865.863 | 25.68 | 27.109 | 28.209 | 1.018 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 116.529 | 19218 | 265.606 | 35448.211 | 39848.918 | 25.667 | 27.097 | 28.21 | 1.018 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 116.537 | 19218 | 265.624 | 35472.313 | 39876.012 | 25.686 | 27.116 | 28.191 | 1.018 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 116.531 | 19218 | 265.61 | 35468.777 | 39871.746 | 25.683 | 27.113 | 28.194 | 1.018 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 116.52 | 19218 | 265.585 | 35473.402 | 39877.387 | 25.687 | 27.117 | 28.19 | 1.018 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 116.525 | 19218 | 265.595 | 35424.77 | 39823.02 | 25.648 | 27.08 | 28.229 | 1.018 | 14.71 |
| 9/27/2018 7:45 | 1849500 | 116.518 | 19218 | 265.58 | 35456.227 | 39858.23 | 25.674 | 27.104 | 28.204 | 1.018 | 14.714 |
| 9/27/2018 8:00 | 1850400 | 116.522 | 19217 | 265.59 | 35423.945 | 39822.465 | 25.648 | 27.079 | 28.229 | 1.018 | 14.711 |
| 9/27/2018 8:15 | 1851300 | 116.517 | 19218 | 265.578 | 35451.129 | 39852.277 | 25.669 | 27.1 | 28.208 | 1.018 | 14.718 |
| 9/27/2018 8:30 | 1852200 | 116.522 | 19218 | 265.589 | 35444.535 | 39844.789 | 25.664 | 27.094 | 28.213 | 1.018 | 14.711 |
| 9/27/2018 8:45 | 1853100 | 116.521 | 19218 | 265.587 | 35449.98 | 39850.836 | 25.668 | 27.099 | 28.209 | 1.018 | 14.715 |
| 9/27/2018 9:00 | 1854000 | 116.509 | 19218 | 265.56 | 35469.082 | 39872.238 | 25.684 | 27.113 | 28.194 | 1.018 | 14.716 |
| 9/27/2018 9:15 | 1854900 | 116.51 | 19218 | 265.562 | 35459.195 | 39861.195 | 25.676 | 27.106 | 28.201 | 1.018 | 14.72 |
| 9/27/2018 9:30 | 1855800 | 116.516 | 19218 | 265.577 | 35459.789 | 39861.719 | 25.676 | 27.106 | 28.201 | 1.018 | 14.722 |
| 9/27/2018 9:45 | 1856700 | 116.484 | 19218 | 265.504 | 35428.902 | 39827.215 | 25.651 | 27.083 | 28.226 | 1.018 | 14.724 |
| 9/27/2018 10:00 | 1857600 | 116.525 | 19218 | 265.595 | 35453.383 | 39854.66 | 25.671 | 27.101 | 28.206 | 1.018 | 14.719 |
| 9/27/2018 10:15 | 1858500 | 116.526 | 19218 | 265.598 | 35443.273 | 39843.75 | 25.663 | 27.094 | 28.214 | 1.018 | 14.725 |
| 9/27/2018 10:30 | 1859400 | 116.522 | 19219 | 265.589 | 35476.207 | 39880.02 | 25.689 | 27.118 | 28.188 | 1.018 | 14.723 |
| 9/27/2018 10:45 | 1860300 | 116.533 | 19219 | 265.62 | 35465.203 | 39873.05 | 25.673 | 27.103 | 28.203 | 1.018 | 14.718 |
| 9/27/2018 11:00 | 1861200 | 116.544 | 19218 | 265.639 | 35463.848 | 39866.203 | 25.679 | 27.109 | 28.198 | 1.018 | 14.716 |
| 9/27/2018 11:15 | 1862100 | 116.538 | 19219 | 265.626 | 35480.43 | 39884.172 | 25.692 | 27.121 | 28.185 | 1.018 | 14.721 |
| 9/27/2018 11:30 | 1863000 | 116.544 | 19217 | 265.639 | 35472.938 | 39877.324 | 25.687 | 27.117 | 28.191 | 1.018 | 14.72 |
| 9/27/2018 11:45 | 1863900 | 116.559 | 19218 | 265.675 | 35459.016 | 39860.773 | 25.675 | 27.105 | 28.202 | 1.018 | 14.719 |
| 9/27/2018 12:00 | 1864800 | 116.558 | 19217 | 265.672 | 35445.855 | 39846.879 | 25.665 | 27.096 | 28.212 | 1.018 | 14.719 |
| 9/27/2018 12:15 | 1865700 | 116.57 | 19217 | 265.7 | 35473.417 | 39885.441 | 25.687 | 27.116 | 28.19 | 1.018 | 14.716 |
| 9/27/2018 12:30 | 1866600 | 116.575 | 19218 | 265.71 | 35444.25 | 39844.617 | 25.664 | 27.094 | 28.213 | 1.018 | 14.708 |
| 9/27/2018 12:45 | 1867500 | 116.564 | 19218 | 265.684 | 35477.457 | 39881.504 | 25.69 | 27.119 | 28.187 | 1.018 | 14.721 |
| 9/27/2018 13:00 | 1868400 | 116.58 | 19219 | 265.722 | 35459.215 | 39860.918 | 25.675 | 27.105 | 28.201 | 1.018 | 14.706 |
| 9/27/2018 13:15 | 1869300 | 116.58 | 19218 | 265.721 | 35474.414 | 39878.453 | 25.688 | 27.117 | 28.189 | 1.018 | 14.711 |
| 9/27/2018 13:30 | 1870200 | 116.58 | 19219 | 265.722 | 35469.219 | 39872.164 | 25.683 | 27.113 | 28.193 | 1.018 | 14.708 |
| 9/27/2018 13:45 | 1871100 | 116.592 | 19219 | 265.75 | 35443.609 | 39843.012 | 25.663 | 27.093 | 28.214 | 1.018 | 14.702 |
| 9/27/2018 14:00 | 1872000 | 116.583 | 19219 | 265.729 | 35447.902 | 39848.129 | 25.666 | 27.097 | 28.21 | 1.018 | 14.7 |
| 9/27/2018 14:15 | 1872900 | 116.6 | 19218 | 265.767 | 35423.914 | 39821.461 | 25.647 | 27.079 | 28.23 | 1.018 | 14.701 |
| 9/27/2018 14:30 | 1873800 | 116.605 | 19218 | 265.779 | 35449.469 | 39850.563 | 25.668 | 27.098 | 28.209 | 1.018 | 14.692 |
| 9/27/2018 14:45 | 1874700 | 116.604 | 19218 | 265.777 | 35445.285 | 39845.629 | 25.665 | 27.095 | 28.212 | 1.018 | 14.694 |
| 9/27/2018 15:00 | 1875600 | 116.599 | 19219 | 265.765 | 35432.703 | 39830.82 | 25.654 | 27.085 | 28.223 | 1.018 | 14.696 |
| 9/27/2018 15:15 | 1876500 | 116.597 | 19218 | 265.761 | 35456.754 | 39858.309 | 25.674 | 27.104 | 28.203 | 1.018 | 14.699 |
| 9/27/2018 15:30 | 1877400 | 116.599 | 19218 | 265.766 | 35462.723 | 39865.335 | 25.679 | 27.109 | 28.199 | 1.018 | 14.699 |
| 9/27/2018 15:45 | 1878300 | 116.6 | 19218 | 265.768 | 35447.133 | 39847.785 | 25.666 | 27.096 | 28.211 | 1.018 | 14.688 |
| 9/27/2018 16:00 | | | | | | | | | | | |

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|-----------------|---------|---------|-------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/29/2018 0:15 | 1995300 | 116.531 | 19219 | 265.61 | 35448.566 | 39848.273 | 25.666 | 27.097 | 28.21 | 1.018 | 14.68 |
| 9/29/2018 0:30 | 1996200 | 116.543 | 19218 | 265.638 | 35441.773 | 39841.465 | 25.662 | 27.092 | 28.215 | 1.018 | 14.675 |
| 9/29/2018 0:45 | 1997100 | 116.553 | 19218 | 265.661 | 35448.523 | 39849.348 | 25.667 | 27.098 | 28.21 | 1.018 | 14.672 |
| 9/29/2018 1:00 | 1998000 | 116.547 | 19218 | 265.647 | 35462.117 | 39864.336 | 25.678 | 27.108 | 28.199 | 1.018 | 14.674 |
| 9/29/2018 1:15 | 1998900 | 116.546 | 19218 | 265.645 | 35447.477 | 39848.324 | 25.666 | 27.097 | 28.211 | 1.018 | 14.675 |
| 9/29/2018 1:30 | 1999800 | 116.554 | 19218 | 265.664 | 35441.137 | 39841.195 | 25.661 | 27.092 | 28.216 | 1.018 | 14.672 |
| 9/29/2018 1:45 | 2000700 | 116.557 | 19218 | 265.657 | 35466.109 | 39869.563 | 25.682 | 27.111 | 28.196 | 1.018 | 14.677 |
| 9/29/2018 2:00 | 2001600 | 116.559 | 19218 | 265.674 | 35464.484 | 39867.289 | 25.68 | 27.11 | 28.197 | 1.018 | 14.675 |
| 9/29/2018 2:15 | 2002500 | 116.572 | 19218 | 265.704 | 35458.945 | 39860.914 | 25.675 | 27.105 | 28.202 | 1.018 | 14.673 |
| 9/29/2018 2:30 | 2003400 | 116.572 | 19218 | 265.704 | 35469.371 | 39872.785 | 25.684 | 27.113 | 28.193 | 1.018 | 14.675 |
| 9/29/2018 2:45 | 2004300 | 116.578 | 19219 | 265.717 | 35449.699 | 39849.93 | 25.668 | 27.098 | 28.209 | 1.018 | 14.679 |
| 9/29/2018 3:00 | 2005200 | 116.576 | 19218 | 265.713 | 35452.047 | 39852.938 | 25.67 | 27.1 | 28.207 | 1.018 | 14.675 |
| 9/29/2018 3:15 | 2006100 | 116.584 | 19219 | 265.734 | 35468.988 | 39871.512 | 25.683 | 27.113 | 28.214 | 1.018 | 14.673 |
| 9/29/2018 3:30 | 2007000 | 116.603 | 19219 | 265.775 | 35449.773 | 39850.074 | 25.668 | 27.098 | 28.209 | 1.018 | 14.665 |
| 9/29/2018 3:45 | 2007900 | 116.581 | 19219 | 265.725 | 35477.531 | 39881.438 | 25.69 | 27.119 | 28.187 | 1.018 | 14.678 |
| 9/29/2018 4:00 | 2008800 | 116.589 | 19218 | 265.742 | 35471.047 | 39874.82 | 25.685 | 27.115 | 28.192 | 1.018 | 14.671 |
| 9/29/2018 4:15 | 2009700 | 116.591 | 19218 | 265.747 | 35463.109 | 39865.594 | 25.679 | 27.109 | 28.198 | 1.018 | 14.668 |
| 9/29/2018 4:30 | 2010600 | 116.6 | 19218 | 265.767 | 35451.316 | 39852.117 | 25.669 | 27.099 | 28.208 | 1.018 | 14.666 |
| 9/29/2018 4:45 | 2011500 | 116.593 | 19218 | 265.752 | 35463.109 | 39849.906 | 25.668 | 27.098 | 28.209 | 1.018 | 14.676 |
| 9/29/2018 5:00 | 2012400 | 116.598 | 19218 | 265.764 | 35459.574 | 39861.551 | 25.676 | 27.106 | 28.201 | 1.018 | 14.67 |
| 9/29/2018 5:15 | 2013300 | 116.604 | 19219 | 265.776 | 35446.574 | 39846.184 | 25.665 | 27.095 | 28.211 | 1.018 | 14.671 |
| 9/29/2018 5:30 | 2014200 | 116.601 | 19218 | 265.77 | 35455.664 | 39857.082 | 25.673 | 27.103 | 28.204 | 1.018 | 14.674 |
| 9/29/2018 5:45 | 2015100 | 116.601 | 19217 | 265.77 | 35461.074 | 39863.902 | 25.678 | 27.107 | 28.2 | 1.018 | 14.676 |
| 9/29/2018 6:00 | 2016000 | 116.601 | 19218 | 265.771 | 35456.047 | 39858.109 | 25.673 | 27.104 | 28.204 | 1.018 | 14.68 |
| 9/29/2018 6:15 | 2016900 | 116.603 | 19218 | 265.773 | 35448.965 | 39849.095 | 25.667 | 27.098 | 28.21 | 1.018 | 14.695 |
| 9/29/2018 6:30 | 2017800 | 116.598 | 19217 | 265.762 | 35452.238 | 39854.27 | 25.671 | 27.101 | 28.207 | 1.018 | 14.684 |
| 9/29/2018 6:45 | 2018700 | 116.595 | 19219 | 265.757 | 35472.461 | 39875.738 | 25.686 | 27.116 | 28.191 | 1.018 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 116.591 | 19219 | 265.746 | 35469.207 | 39872.152 | 25.683 | 27.113 | 28.193 | 1.018 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 116.586 | 19219 | 265.736 | 35450.945 | 39851.027 | 25.668 | 27.099 | 28.208 | 1.018 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 116.591 | 19217 | 265.746 | 35459.113 | 39861.922 | 25.676 | 27.106 | 28.201 | 1.018 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 116.596 | 19218 | 265.759 | 35454.02 | 39855.598 | 25.672 | 27.102 | 28.206 | 1.018 | 14.687 |
| 9/29/2018 8:00 | 2023200 | 116.59 | 19218 | 265.745 | 35454.34 | 39855.738 | 25.672 | 27.102 | 28.205 | 1.018 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 116.577 | 19217 | 265.715 | 35448.852 | 39850.164 | 25.668 | 27.098 | 28.21 | 1.018 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 116.588 | 19217 | 265.74 | 35463.773 | 39866.938 | 25.68 | 27.11 | 28.198 | 1.018 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 116.589 | 19219 | 265.741 | 35457.16 | 39858.535 | 25.674 | 27.104 | 28.203 | 1.018 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 116.589 | 19217 | 265.743 | 35456.785 | 39859.164 | 25.674 | 27.104 | 28.203 | 1.018 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 116.589 | 19217 | 265.743 | 35448.429 | 39849.02 | 25.667 | 27.097 | 28.21 | 1.018 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 116.601 | 19218 | 265.77 | 35470.25 | 39873.402 | 25.684 | 27.114 | 28.193 | 1.018 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 116.591 | 19218 | 265.747 | 35448 | 39848.539 | 25.667 | 27.097 | 28.21 | 1.018 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 116.61 | 19217 | 265.789 | 35447.727 | 39848.898 | 25.667 | 27.097 | 28.211 | 1.018 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 116.608 | 19218 | 265.786 | 35449.344 | 39850.27 | 25.668 | 27.098 | 28.209 | 1.018 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 116.592 | 19218 | 265.75 | 35441.18 | 39841.316 | 25.661 | 27.092 | 28.216 | 1.018 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 116.605 | 19219 | 265.779 | 35473.938 | 39877.238 | 25.687 | 27.117 | 28.19 | 1.018 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 116.619 | 19218 | 265.807 | 35467.156 | 39869.844 | 25.682 | 27.111 | 28.195 | 1.018 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 116.622 | 19218 | 265.817 | 35464.52 | 39867.035 | 25.68 | 27.11 | 28.197 | 1.018 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 116.623 | 19218 | 265.819 | 35458.375 | 39860.344 | 25.675 | 27.105 | 28.202 | 1.018 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 116.638 | 19218 | 265.855 | 35447.922 | 39848.594 | 25.667 | 27.097 | 28.21 | 1.018 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 116.639 | 19218 | 265.856 | 35468.625 | 39871.797 | 25.683 | 27.113 | 28.194 | 1.018 | 14.692 |
| 9/29/2018 12:15 | 2038500 | 116.643 | 19218 | 265.865 | 35471.199 | 39874.84 | 25.685 | 27.115 | 28.192 | 1.018 | 14.696 |
| 9/29/2018 12:30 | 2039400 | 116.641 | 19217 | 265.86 | 35455.055 | 39871.337 | 25.673 | 27.103 | 28.205 | 1.018 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 116.641 | 19219 | 265.861 | 35465.305 | 39867.766 | 25.68 | 27.11 | 28.197 | 1.018 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 116.669 | 19217 | 265.925 | 35467.063 | 39870.719 | 25.682 | 27.112 | 28.195 | 1.018 | 14.69 |
| 9/29/2018 13:15 | 2042100 | 116.672 | 19218 | 265.931 | 35476.125 | 39880.227 | 25.689 | 27.119 | 28.188 | 1.018 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 116.673 | 19218 | 265.934 | 35460.086 | 39862.719 | 25.677 | 27.107 | 28.201 | 1.018 | 14.686 |
| 9/29/2018 13:45 | 2043900 | 116.682 | 19218 | 265.955 | 35470.383 | 39873.922 | 25.685 | 27.114 | 28.193 | 1.018 | 14.69 |
| 9/29/2018 14:00 | 2044800 | 116.693 | 19218 | 265.993 | 35462.248 | 39864.841 | 25.678 | 27.108 | 28.199 | 1.018 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 116.693 | 19217 | 265.979 | 35454.664 | 39856.699 | 25.672 | 27.103 | 28.205 | 1.018 | 14.686 |
| 9/29/2018 14:30 | 2046600 | 116.706 | 19219 | 266.009 | 35470.703 | 39873.762 | 25.685 | 27.114 | 28.192 | 1.018 | 14.684 |
| 9/29/2018 14:45 | 2047500 | 116.711 | 19219 | 266.021 | 35457.371 | 39858.703 | 25.674 | 27.104 | 28.203 | 1.018 | 14.686 |
| 9/29/2018 15:00 | 2048400 | 116.72 | 19219 | 266.04 | 35454.332 | 39855.285 | 25.671 | 27.102 | 28.205 | 1.018 | 14.681 |
| 9/29/2018 15:15 | 2049300 | 116.714 | 19219 | 266.026 | 35439.457 | 39838.184 | 25.659 | 27.09 | 28.217 | 1.018 | 14.687 |
| 9/29/2018 15:30 | 2050200 | 116.715 | 19218 | 266.028 | 35462.684 | 39855.188 | 25.678 | 27.108 | 28.199 | 1.018 | 14.693 |
| 9/29/2018 15:45 | 2051100 | 116.725 | 19218 | 266.053 | 35472.973 | 39876.539 | 25.687 | 27.116 | 28.19 | 1.018 | 14.68 |
| 9/29/2018 16:00 | 2052000 | 116.717 | 19219 | 266.034 | 35475.855 | 39879.18 | 25.689 | 27.118 | 28.188 | 1.018 | 14.684 |
| 9/29/2018 16:15 | 2052900 | 116.735 | 19219 | 266.076 | 35446.695 | 39846.699 | 25.665 | 27.096 | 28.211 | 1.018 | 14.676 |
| 9/29/2018 16:30 | 2053800 | 116.723 | 19218 | 266.047 | 35451.48 | 39852.898 | 25.67 | 27.1 | 28.208 | 1.018 | 14.679 |
| 9/29/2018 16:45 | 2054700 | 116.716 | 19218 | 266.032 | 35483.793 | 39888.918 | 25.695 | 27.124 | 28.182 | 1.018 | 14.686 |
| 9/29/2018 17:00 | 2055600 | 116.724 | 19219 | 266.055 | 35468.766 | 39876.114 | 25.675 | 27.106 | 28.202 | 1.018 | 14.677 |
| 9/29/2018 17:15 | 2056500 | 116.719 | 19219 | 266.038 | 35460.203 | 39861.664 | 25.676 | 27.106 | 28.201 | 1.018 | 14.678 |
| 9/29/2018 17:30 | 2057400 | 116.716 | 19217 | 266.032 | 35455.598 | 39858.047 | 25.673 | 27.103 | 28.204 | 1.018 | 14.675 |
| 9/29/2018 17:45 | 2058300 | 116.729 | 19218 | 266.061 | 35462.262 | 39864.793 | 25.678 | 27.108 | 28.199 | 1.018 | 14.668 |
| 9/29/2018 18:00 | 2059200 | 116.705 | 19218 | 266.006 | 35464.875 | 39867.801 | 25.68 | 27.11 | 28.197 | 1.018 | 14.677 |
| 9/29/2018 18:15 | 2060100 | 116.717 | 19218 | 266.034 | 35479.789 | 39884.648 | 25.692 | 27.122 | 28.185 | 1.018 | 14.671 |
| 9/29/2018 18:30 | 2061000 | 116.735 | 19219 | 266.055 | 35468.996 | 39872.664 | 25.688 | 27.114 | 28.194 | 1.018 | 14.673 |
| 9/29/2018 18:45 | 2061900 | 116.699 | 19218 | 265.992 | 35474.461 | 39878.355 | 25.688 | 27.117 | 28.189 | 1.018 | 14.675 |
| 9/29/2018 19:00 | 2062800 | 116.683 | 19218 | 265.957 | 35448.035 | 39849.023 | 25.667 | 27.097 | 28.21 | 1.018 | 14.68 |
| 9/29/2018 19:15 | 2063700 | 116.693 | 19219 | 265.978 | 35453.191 | 39854.074 | 25.671 | 27.101 | 28.206 | 1.018 | 14.671 |
| 9/29/2018 19:30 | 2064600 | 116.676 | 19218 | 265.94 | 35458.77 | 39860.867 | 25.675 | 27.105 | 28.202 | 1.018 | 14.677 |
| 9/29/2018 19:45 | 2065500 | 116.675 | 19217 | 265.938 | 35463.719 | 39866.875 | 25.68 | 27.109 | 28.198 | 1.018 | 14.674 |
| 9/29/2018 20:00 | 2066400 | 116.662 | 19217 | 265.908 | 35457.66 | 39860.148 | 25.675 | 27.105 | 28.203 | 1.018 | 14.679 |
| 9/29/2018 20:15 | 2067300 | 116.647 | 19218 | 265.875 | 35443.105 | 39843.48 | 25.663 | 27.094 | 28.214 | 1.018 | 14.681 |
| 9/29/2018 20:30 | 2068200 | 116.649 | 19217 | 265.879 | 35448.852 | 39850.164 | 25.668 | 27.098 | 28.21 | 1.018 | 14.683 |
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|-----------------|---------|---------|-------|---------|-----------|-----------|--------|--------|--------|-------|--------|
| 10/1/2018 5:00 | 2185200 | 116.774 | 19219 | 266.165 | 35464.035 | 39866.266 | 25.679 | 27.109 | 28.198 | 1.018 | 14.667 |
| 10/1/2018 5:15 | 2186100 | 116.782 | 19219 | 266.183 | 35453.633 | 39854.645 | 25.671 | 27.101 | 28.206 | 1.018 | 14.669 |
| 10/1/2018 5:30 | 2187000 | 116.779 | 19219 | 266.176 | 35473.195 | 39876.406 | 25.687 | 27.116 | 28.19 | 1.018 | 14.672 |
| 10/1/2018 5:45 | 2187900 | 116.776 | 19217 | 266.169 | 35470.379 | 39874.891 | 25.685 | 27.115 | 28.193 | 1.018 | 14.673 |
| 10/1/2018 6:00 | 2188800 | 116.788 | 19218 | 266.195 | 35459.156 | 39861.453 | 25.676 | 27.106 | 28.201 | 1.018 | 14.669 |
| 10/1/2018 6:15 | 2189700 | 116.787 | 19218 | 266.194 | 35462.875 | 39865.633 | 25.679 | 27.109 | 28.199 | 1.018 | 14.672 |
| 10/1/2018 6:30 | 2190600 | 116.806 | 19217 | 266.223 | 35485.719 | 39881.074 | 25.693 | 27.122 | 28.187 | 1.018 | 14.667 |
| 10/1/2018 6:45 | 2191500 | 116.793 | 19219 | 266.208 | 35468.984 | 39871.828 | 25.683 | 27.113 | 28.194 | 1.018 | 14.671 |
| 10/1/2018 7:00 | 2192400 | 116.8 | 19218 | 266.223 | 35467.863 | 39870.867 | 25.683 | 27.112 | 28.195 | 1.018 | 14.677 |
| 10/1/2018 7:15 | 2193300 | 116.799 | 19218 | 266.22 | 35489.664 | 39895.75 | 25.7 | 27.129 | 28.177 | 1.018 | 14.685 |
| 10/1/2018 7:30 | 2194200 | 116.808 | 19219 | 266.242 | 35483.75 | 39888.207 | 25.695 | 27.124 | 28.182 | 1.018 | 14.683 |
| 10/1/2018 7:45 | 2195100 | 116.808 | 19218 | 266.242 | 35466.84 | 39869.859 | 25.682 | 27.112 | 28.195 | 1.018 | 14.689 |
| 10/1/2018 8:00 | 2196000 | 116.8 | 19217 | 266.223 | 35466.117 | 39869.656 | 25.682 | 27.111 | 28.196 | 1.018 | 14.686 |
| 10/1/2018 8:15 | 2196900 | 116.82 | 19217 | 266.269 | 35433.723 | 39832.711 | 25.655 | 27.086 | 28.222 | 1.018 | 14.685 |
| 10/1/2018 8:30 | 2197800 | 116.811 | 19217 | 266.247 | 35464.633 | 39867.902 | 25.68 | 27.11 | 28.197 | 1.018 | 14.689 |
| 10/1/2018 8:45 | 2198700 | 116.824 | 19217 | 266.278 | 35470.754 | 39875.086 | 25.686 | 27.115 | 28.192 | 1.018 | 14.682 |
| 10/1/2018 9:00 | 2199600 | 116.808 | 19219 | 266.241 | 35458.609 | 39859.793 | 25.675 | 27.105 | 28.202 | 1.018 | 14.687 |
| 10/1/2018 9:15 | 2200500 | 116.813 | 19218 | 266.253 | 35448.633 | 39849.773 | 25.667 | 27.098 | 28.21 | 1.018 | 14.688 |
| 10/1/2018 9:30 | 2201400 | 116.813 | 19217 | 266.253 | 35464.205 | 39867.723 | 25.68 | 27.11 | 28.197 | 1.018 | 14.689 |
| 10/1/2018 9:45 | 2202300 | 116.827 | 19219 | 266.284 | 35459.094 | 39860.637 | 25.675 | 27.105 | 28.202 | 1.018 | 14.677 |
| 10/1/2018 10:00 | 2203200 | 116.823 | 19218 | 266.276 | 35476.77 | 39881.102 | 25.69 | 27.119 | 28.187 | 1.018 | 14.677 |
| 10/1/2018 10:15 | 2204100 | 116.819 | 19218 | 266.267 | 35472.117 | 39876.172 | 25.686 | 27.116 | 28.191 | 1.018 | 14.681 |
| 10/1/2018 10:30 | 2205000 | 116.825 | 19218 | 266.281 | 35435.258 | 39834.66 | 25.657 | 27.088 | 28.22 | 1.018 | 14.677 |
| 10/1/2018 10:45 | 2205900 | 116.835 | 19218 | 266.304 | 35456.734 | 39858.73 | 25.674 | 27.104 | 28.203 | 1.018 | 14.679 |
| 10/1/2018 11:00 | 2206800 | 116.823 | 19217 | 266.283 | 35470.57 | 39875.409 | 25.686 | 27.115 | 28.192 | 1.018 | 14.675 |
| 10/1/2018 11:15 | 2207700 | 116.832 | 19217 | 266.296 | 35470.863 | 39873.867 | 25.685 | 27.114 | 28.192 | 1.018 | 14.678 |
| 10/1/2018 11:30 | 2208600 | 116.827 | 19217 | 266.284 | 35484.055 | 39889.957 | 25.696 | 27.125 | 28.182 | 1.018 | 14.671 |
| 10/1/2018 11:45 | 2209500 | 116.842 | 19218 | 266.319 | 35480.082 | 39884.531 | 25.692 | 27.121 | 28.185 | 1.018 | 14.672 |
| 10/1/2018 12:00 | 2210400 | 116.843 | 19217 | 266.322 | 35476.316 | 39881.566 | 25.69 | 27.119 | 28.188 | 1.018 | 14.667 |
| 10/1/2018 12:15 | 2211300 | 116.849 | 19218 | 266.335 | 35473.344 | 39877.25 | 25.687 | 27.117 | 28.19 | 1.018 | 14.665 |
| 10/1/2018 12:30 | 2212200 | 116.857 | 19218 | 266.354 | 35460.598 | 39863.074 | 25.677 | 27.107 | 28.2 | 1.018 | 14.668 |
| 10/1/2018 12:45 | 2213100 | 116.859 | 19217 | 266.357 | 35463.125 | 39866.359 | 25.679 | 27.109 | 28.198 | 1.018 | 14.658 |
| 10/1/2018 13:00 | 2214000 | 116.867 | 19217 | 266.375 | 35466.289 | 39869.766 | 25.682 | 27.111 | 28.196 | 1.018 | 14.657 |
| 10/1/2018 13:15 | 2214900 | 116.869 | 19218 | 266.381 | 35467.16 | 39870.602 | 25.682 | 27.112 | 28.195 | 1.018 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 116.864 | 19219 | 266.369 | 35467.148 | 39869.395 | 25.682 | 27.111 | 28.195 | 1.018 | 14.655 |
| 10/1/2018 13:45 | 2216700 | 116.887 | 19218 | 266.421 | 35486.344 | 39891.492 | 25.697 | 27.126 | 28.18 | 1.018 | 14.652 |
| 10/1/2018 14:00 | 2217600 | 116.89 | 19218 | 266.429 | 35973.723 | 39877.802 | 25.698 | 27.117 | 28.19 | 1.018 | 14.649 |
| 10/1/2018 14:15 | 2218500 | 116.889 | 19217 | 266.426 | 35486.598 | 39892.598 | 25.698 | 27.127 | 28.18 | 1.018 | 14.646 |
| 10/1/2018 14:30 | 2219400 | 116.895 | 19218 | 266.44 | 35468.805 | 39871.926 | 25.683 | 27.113 | 28.194 | 1.018 | 14.644 |
| 10/1/2018 14:45 | 2220300 | 116.898 | 19218 | 266.446 | 35453.699 | 39854.871 | 25.671 | 27.101 | 28.206 | 1.018 | 14.643 |
| 10/1/2018 15:00 | 2221200 | 116.919 | 19217 | 266.496 | 35469.82 | 39873.734 | 25.685 | 27.114 | 28.193 | 1.018 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 116.915 | 19218 | 266.485 | 35453.215 | 39854.621 | 25.671 | 27.101 | 28.206 | 1.018 | 14.644 |
| 10/1/2018 15:30 | 2223000 | 116.926 | 19218 | 266.511 | 35482.141 | 39887.411 | 25.694 | 27.123 | 28.183 | 1.018 | 14.642 |
| 10/1/2018 15:45 | 2223900 | 116.934 | 19219 | 266.528 | 35472.27 | 39874.966 | 25.686 | 27.115 | 28.191 | 1.018 | 14.638 |
| 10/1/2018 16:00 | 2224800 | 116.929 | 19218 | 266.516 | 35486.105 | 39891.375 | 25.697 | 27.126 | 28.18 | 1.018 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 116.946 | 19217 | 266.556 | 35469.09 | 39872.914 | 25.684 | 27.114 | 28.194 | 1.018 | 14.64 |
| 10/1/2018 16:30 | 2226600 | 116.929 | 19218 | 266.516 | 35469.379 | 39873.016 | 25.684 | 27.114 | 28.193 | 1.018 | 14.637 |
| 10/1/2018 16:45 | 2227500 | 116.945 | 19218 | 266.553 | 35457.348 | 39859.34 | 25.674 | 27.104 | 28.203 | 1.018 | 14.638 |
| 10/1/2018 17:00 | 2228400 | 116.956 | 19217 | 266.578 | 35449.504 | 39851.344 | 25.669 | 27.099 | 28.209 | 1.018 | 14.64 |
| 10/1/2018 17:15 | 2229300 | 116.964 | 19217 | 266.596 | 35466.629 | 39847.813 | 25.666 | 27.097 | 28.211 | 1.018 | 14.632 |
| 10/1/2018 17:30 | 2230200 | 116.962 | 19218 | 266.593 | 35455.547 | 39857.094 | 25.673 | 27.103 | 28.204 | 1.018 | 14.635 |
| 10/1/2018 17:45 | 2231100 | 116.951 | 19218 | 266.568 | 35459.27 | 39861.582 | 25.676 | 27.106 | 28.201 | 1.018 | 14.641 |
| 10/1/2018 18:00 | 2232000 | 116.966 | 19217 | 266.602 | 35449.859 | 39851.445 | 25.669 | 27.099 | 28.209 | 1.018 | 14.631 |
| 10/1/2018 18:15 | 2232900 | 116.958 | 19218 | 266.584 | 35463.566 | 39866.484 | 25.679 | 27.109 | 28.198 | 1.018 | 14.639 |
| 10/1/2018 18:30 | 2233800 | 116.959 | 19218 | 266.586 | 35465.07 | 39868.023 | 25.681 | 27.11 | 28.197 | 1.018 | 14.636 |
| 10/1/2018 18:45 | 2234700 | 116.958 | 19218 | 266.583 | 35462.895 | 39869.078 | 25.703 | 27.121 | 28.175 | 1.018 | 14.63 |
| 10/1/2018 19:00 | 2235600 | 116.962 | 19217 | 266.593 | 35452.559 | 39855.008 | 25.671 | 27.101 | 28.207 | 1.018 | 14.634 |
| 10/1/2018 19:15 | 2236500 | 116.95 | 19218 | 266.564 | 35482.691 | 39887.535 | 25.694 | 27.124 | 28.183 | 1.018 | 14.632 |
| 10/1/2018 19:30 | 2237400 | 116.952 | 19218 | 266.57 | 35481.637 | 39886.645 | 25.694 | 27.123 | 28.184 | 1.018 | 14.632 |
| 10/1/2018 19:45 | 2238300 | 116.957 | 19218 | 266.581 | 35468.652 | 39871.684 | 25.683 | 27.113 | 28.194 | 1.018 | 14.624 |
| 10/1/2018 20:00 | 2239200 | 116.944 | 19218 | 266.552 | 35454.945 | 39856.941 | 25.673 | 27.103 | 28.205 | 1.018 | 14.63 |
| 10/1/2018 20:15 | 2240100 | 116.948 | 19218 | 266.563 | 35462.25 | 39862.641 | 25.686 | 27.112 | 28.197 | 1.018 | 14.628 |
| 10/1/2018 20:30 | 2241000 | 116.941 | 19218 | 266.546 | 35464.902 | 39867.914 | 25.68 | 27.11 | 28.197 | 1.018 | 14.626 |
| 10/1/2018 20:45 | 2241900 | 116.933 | 19218 | 266.525 | 35450.727 | 39851.977 | 25.669 | 27.099 | 28.208 | 1.018 | 14.632 |
| 10/1/2018 21:00 | 2242800 | 116.926 | 19217 | 266.51 | 35447.301 | 39848.641 | 25.667 | 27.097 | 28.211 | 1.018 | 14.631 |
| 10/1/2018 21:15 | 2243700 | 116.914 | 19217 | 266.484 | 35466.066 | 39870.195 | 25.682 | 27.112 | 28.196 | 1.018 | 14.641 |
| 10/1/2018 21:30 | 2244600 | 116.916 | 19217 | 266.487 | 35481.449 | 39887.258 | 25.694 | 27.123 | 28.184 | 1.018 | 14.629 |
| 10/1/2018 21:45 | 2245500 | 116.919 | 19218 | 266.495 | 35465.543 | 39885.981 | 25.681 | 27.116 | 28.196 | 1.018 | 14.63 |
| 10/1/2018 22:00 | 2246400 | 116.9 | 19218 | 266.465 | 35474.289 | 39878.234 | 25.688 | 27.117 | 28.189 | 1.018 | 14.639 |
| 10/1/2018 22:15 | 2247300 | 116.875 | 19217 | 266.393 | 35468.043 | 39872.113 | 25.683 | 27.113 | 28.194 | 1.018 | 14.641 |
| 10/1/2018 22:30 | 2248200 | 116.869 | 19218 | 266.38 | 35464.078 | 39867.137 | 25.68 | 27.11 | 28.198 | 1.018 | 14.642 |
| 10/1/2018 22:45 | 2249100 | 116.88 | 19218 | 266.405 | 35476.883 | 39881.379 | 25.69 | 27.119 | 28.187 | 1.018 | 14.633 |
| 10/1/2018 23:00 | 2250000 | 116.869 | 19217 | 266.38 | 35455.906 | 39858.773 | 25.674 | 27.104 | 28.204 | 1.018 | 14.633 |
| 10/1/2018 23:15 | 2250900 | 116.857 | 19218 | 266.357 | 35464.125 | 39869.694 | 25.696 | 27.125 | 28.182 | 1.018 | 14.635 |
| 10/1/2018 23:30 | 2251800 | 116.846 | 19217 | 266.327 | 35449.152 | 39850.879 | 25.668 | 27.099 | 28.209 | 1.018 | 14.64 |
| 10/1/2018 23:45 | 2252700 | 116.843 | 19217 | 266.321 | 35494.035 | 39901.258 | 25.704 | 27.133 | 28.174 | 1.018 | 14.635 |
| 10/2/2018 0:00 | 2253600 | 116.837 | 19218 | 266.308 | 35444.023 | 39844.141 | 25.663 | 27.094 | 28.214 | 1.018 | 14.641 |
| 10/2/2018 0:15 | 2254500 | 116.831 | 19218 | 266.295 | 35447.324 | 39847.852 | 25.666 | 27.097 | 28.211 | 1.018 | 14.639 |
| 10/2/2018 0:30 | 2255400 | 116.829 | 19217 | 266.29 | 35458.734 | 39861.422 | 25.676 | 27.106 | 28.202 | 1.018 | 14.64 |
| 10/2/2018 0:45 | 2256300 | 116.826 | 19217 | 266.282 | 35479.301 | 39864.477 | 25.692 | 27.121 | 28.185 | 1.018 | 14.636 |
| 10/2/2018 1:00 | 2257200 | 116.824 | 19218 | 266.277 | 35457.152 | 39859.277 | 25.674 | 27.104 | 28.203 | 1.018 | 14.638 |
| 10/2/2018 1:15 | 2258100 | 116.808 | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|-----------|-----------|--------|--------|-----------|-------|--------|
| 10/3/2018 9:45 | 2375100 | 116.929 | 19.218 | 266.517 | 35473.625 | 39877.941 | 25.688 | 27.117 | 28.19 | 1.018 | 14.676 |
| 10/3/2018 10:00 | 2376000 | 116.918 | 19.218 | 266.492 | 35469.707 | 39873.086 | 25.684 | 27.114 | 28.193 | 1.018 | 14.682 |
| 10/3/2018 10:15 | 2376900 | 116.934 | 19.219 | 266.529 | 35466.516 | 39869.055 | 25.681 | 27.111 | 28.196 | 1.018 | 14.676 |
| 10/3/2018 10:30 | 2377800 | 116.93 | 19.218 | 266.52 | 35469.949 | 39873.734 | 25.685 | 27.114 | 28.193 | 1.018 | 14.68 |
| 10/3/2018 10:45 | 2378700 | 6.576 | 17.671 | 14.989 | 8272.131 | 9618.577 | 5.455 | 6.541 | 120.888 | 1.003 | 14.684 |
| 10/3/2018 11:00 | 2379600 | -0.053 | 21.476 | -0.122 | 10.478 | 11.234 | 0.004 | 0.008 | 95441.883 | 0.998 | 14.679 |
| 10/3/2018 11:15 | 2380500 | -0.044 | 25.347 | -0.1 | 0.106 | 0.106 | 0 | 0 | 94001.80 | 0.997 | 14.683 |
| 10/3/2018 11:30 | 2381400 | -0.059 | 30.08 | -0.134 | 0 | 0 | 0 | 0 | 10000000 | 0.996 | 14.688 |
| 10/3/2018 11:45 | 2382300 | -0.06 | 34.941 | -0.136 | 0 | 0 | 0 | 0 | 10000000 | 0.994 | 14.685 |
| 10/3/2018 12:00 | 2383200 | -0.044 | 34.21 | -0.101 | 0 | 0 | 0 | 0 | 10000000 | 0.994 | 14.681 |
| 10/3/2018 12:15 | 2384100 | -0.062 | 39.988 | -0.142 | 0 | 0 | 0 | 0 | 10000000 | 0.992 | 14.681 |
| 10/3/2018 12:30 | 2385000 | -0.046 | 30.222 | -0.105 | 0 | 0 | 0 | 0 | 10000000 | 0.996 | 14.681 |
| 10/3/2018 12:45 | 2385900 | -0.066 | 37.115 | -0.15 | 0 | 0 | 0 | 0 | 10000000 | 0.993 | 14.682 |
| 10/3/2018 13:00 | 2386800 | -0.052 | 43.092 | -0.118 | 0 | 0 | 0 | 0 | 10000000 | 0.991 | 14.672 |
| 10/3/2018 13:15 | 2387700 | -0.047 | 40.049 | -0.108 | 0 | 0 | 0 | 0 | 10000000 | 0.992 | 14.675 |
| 10/3/2018 13:30 | 2388600 | -0.048 | 30.604 | -0.109 | 0.122 | 0.111 | 0 | 0 | 8170339.5 | 0.995 | 14.675 |
| 10/3/2018 13:45 | 2389500 | -0.039 | 28.185 | -0.089 | 0 | 0 | 0 | 0 | 10000000 | 0.996 | 14.671 |
| 10/3/2018 14:00 | 2390400 | -0.049 | 27.664 | -0.111 | 0 | 0 | 0 | 0 | 10000000 | 0.996 | 14.671 |
| 10/3/2018 14:15 | 2391300 | -0.059 | 30.729 | -0.135 | 0 | 0 | 0 | 0 | 10000000 | 0.995 | 14.67 |
| 10/3/2018 14:30 | 2392200 | -0.049 | 34.385 | -0.112 | 0 | 0 | 0 | 0 | 10000000 | 0.994 | 14.663 |
| 10/3/2018 14:45 | 2393100 | -0.043 | 32.702 | -0.099 | 0 | 0 | 0 | 0 | 10000000 | 0.995 | 14.671 |
| 10/3/2018 15:00 | 2394000 | -0.041 | 29.312 | -0.094 | 0 | 0 | 0 | 0 | 10000000 | 0.996 | 14.668 |
| 10/3/2018 15:15 | 2394900 | -0.043 | 26.548 | -0.099 | 0 | 0 | 0 | 0 | 10000000 | 0.997 | 14.665 |
| 10/3/2018 15:30 | 2395800 | -0.036 | 26.168 | -0.082 | 0 | 0 | 0 | 0 | 10000000 | 0.997 | 14.662 |
| 10/3/2018 15:45 | 2396700 | -0.042 | 25.619 | -0.096 | 0 | 0 | 0 | 0 | 10000000 | 0.997 | 14.661 |
| 10/3/2018 16:00 | 2397600 | -0.046 | 24.502 | -0.105 | 0 | 0 | 0 | 0 | 10000000 | 0.997 | 14.663 |
| 10/3/2018 16:15 | 2398500 | -0.047 | 23.545 | -0.106 | 0 | 0 | 0 | 0 | 10000000 | 0.997 | 14.658 |
| 10/3/2018 16:30 | 2399400 | -0.036 | 22.774 | -0.081 | 0 | 0 | 0 | 0 | 10000000 | 0.998 | 14.657 |
| 10/3/2018 16:45 | 2400300 | -0.039 | 22.098 | -0.089 | 0 | 0 | 0 | 0 | 10000000 | 0.998 | 14.658 |
| 10/3/2018 17:00 | 2401200 | -0.038 | 21.853 | -0.086 | 0.157 | 0.167 | 0 | 0 | 6387284 | 0.998 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 117.034 | 19.272 | 266.756 | 35407.477 | 39757.492 | 25.604 | 27.035 | 28.243 | 1.018 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 117.06 | 19.22 | 266.815 | 35451.977 | 39851.223 | 25.669 | 27.099 | 28.207 | 1.018 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 117.057 | 19.223 | 266.809 | 35336.426 | 39718.73 | 25.574 | 27.009 | 28.299 | 1.018 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 117.056 | 19.224 | 266.807 | 35231.234 | 39599.969 | 25.49 | 26.928 | 28.384 | 1.018 | 14.666 |
| 10/3/2018 18:15 | 2405700 | 117.075 | 19.222 | 266.851 | 35411.828 | 39804.445 | 25.635 | 27.067 | 28.239 | 1.018 | 14.663 |
| 10/3/2018 18:30 | 2406600 | 117.076 | 19.22 | 266.851 | 35432.375 | 39829.703 | 25.653 | 27.084 | 28.223 | 1.018 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 117.071 | 19.223 | 266.841 | 35412.742 | 39805.027 | 25.636 | 27.067 | 28.238 | 1.018 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 117.087 | 19.224 | 266.878 | 35432.469 | 39826.227 | 25.651 | 27.082 | 28.223 | 1.018 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 117.092 | 19.225 | 266.888 | 35385.773 | 39773.148 | 25.613 | 27.046 | 28.26 | 1.018 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 117.09 | 19.225 | 266.883 | 35387.215 | 39774.84 | 25.614 | 27.047 | 28.259 | 1.018 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 117.085 | 19.224 | 266.873 | 35363.719 | 39748.586 | 25.596 | 27.029 | 28.278 | 1.018 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 117.102 | 19.224 | 266.911 | 35279.922 | 39654.625 | 25.529 | 26.965 | 28.345 | 1.018 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 117.087 | 19.224 | 266.878 | 35249.285 | 39620.035 | 25.504 | 26.942 | 28.369 | 1.018 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 117.082 | 19.222 | 266.865 | 35435.48 | 39830.953 | 25.654 | 27.085 | 28.22 | 1.018 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 117.073 | 19.223 | 266.846 | 35433.969 | 39828.887 | 25.653 | 27.084 | 28.222 | 1.018 | 14.689 |
| 10/3/2018 21:00 | 2415600 | 117.078 | 19.222 | 266.857 | 35417.496 | 39811.125 | 25.64 | 27.072 | 28.235 | 1.018 | 14.688 |
| 10/3/2018 21:15 | 2416500 | 117.081 | 19.223 | 266.863 | 35432.266 | 39826.82 | 25.651 | 27.082 | 28.223 | 1.018 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 117.077 | 19.222 | 266.854 | 35431.379 | 39826.73 | 25.651 | 27.082 | 28.224 | 1.018 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 117.063 | 19.219 | 266.824 | 35452.094 | 39852.242 | 25.669 | 27.1 | 28.207 | 1.018 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 117.062 | 19.22 | 266.82 | 35441.145 | 39839.711 | 25.66 | 27.091 | 28.216 | 1.018 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 117.049 | 19.219 | 266.791 | 35441.055 | 39840.211 | 25.661 | 27.091 | 28.216 | 1.018 | 14.695 |
| 10/3/2018 22:30 | 2421000 | 117.053 | 19.222 | 266.799 | 35443.277 | 39839.719 | 25.66 | 27.091 | 28.214 | 1.018 | 14.692 |
| 10/3/2018 22:45 | 2421900 | 117.036 | 19.223 | 266.761 | 35466.004 | 39864.602 | 25.678 | 27.108 | 28.196 | 1.018 | 14.699 |
| 10/3/2018 23:00 | 2422800 | 117.034 | 19.223 | 266.757 | 35467.293 | 39866.344 | 25.679 | 27.109 | 28.195 | 1.018 | 14.699 |
| 10/3/2018 23:15 | 2423700 | 117.031 | 19.223 | 266.75 | 35452.672 | 39849.457 | 25.667 | 27.098 | 28.207 | 1.018 | 14.701 |
| 10/3/2018 23:30 | 2424600 | 117.022 | 19.223 | 266.73 | 35441.916 | 39837.191 | 25.659 | 27.089 | 28.215 | 1.018 | 14.697 |
| 10/3/2018 23:45 | 2425500 | 117.003 | 19.224 | 266.687 | 35467.891 | 39865.598 | 25.679 | 27.109 | 28.195 | 1.018 | 14.705 |

Serial_number: 1068256

Project ID:

MPWSP MW-7M

Location:

MPWSP MW-7M

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 0.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μ S/cm

| Date | Time | ms | LEVEL | TEMPERATURE | CONDUCTIVITY |
|----------|----------|----|-------|-------------|--------------|
| 9/6/2018 | 0:00:00 | 0 | 0 | 132.981 | 18.8 5367.1 |
| 9/6/2018 | 0:15:00 | 0 | 0 | 132.979 | 18.8 5455.9 |
| 9/6/2018 | 0:30:00 | 0 | 0 | 132.979 | 18.8 5382.8 |
| 9/6/2018 | 0:45:00 | 0 | 0 | 132.955 | 18.8 5386.2 |
| 9/6/2018 | 1:00:00 | 0 | 0 | 132.974 | 18.8 5398.6 |
| 9/6/2018 | 1:15:00 | 0 | 0 | 132.935 | 18.8 5502 |
| 9/6/2018 | 1:30:00 | 0 | 0 | 132.953 | 18.8 5405.3 |
| 9/6/2018 | 1:45:00 | 0 | 0 | 132.998 | 18.8 5446.9 |
| 9/6/2018 | 2:00:00 | 0 | 0 | 133.004 | 18.8 5551.4 |
| 9/6/2018 | 2:15:00 | 0 | 0 | 132.991 | 18.8 5571.7 |
| 9/6/2018 | 2:30:00 | 0 | 0 | 132.951 | 18.8 5567.2 |
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| 9/6/2018 | 3:00:00 | 0 | 0 | 132.957 | 18.8 5687.4 |
| 9/6/2018 | 3:15:00 | 0 | 0 | 132.958 | 18.8 5666.1 |
| 9/6/2018 | 3:30:00 | 0 | 0 | 132.939 | 18.8 5709.9 |
| 9/6/2018 | 3:45:00 | 0 | 0 | 132.959 | 18.8 5708.8 |
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| 9/6/2018 | 5:15:00 | 0 | 0 | 132.87 | 18.8 5771.7 |
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| 9/6/2018 | 5:45:00 | 0 | 0 | 132.794 | 18.8 5847 |
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| 9/6/2018 | 6:45:00 | 0 | 0 | 132.781 | 18.8 5765 |
| 9/6/2018 | 7:00:00 | 0 | 0 | 132.795 | 18.8 5805.5 |
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| 9/6/2018 | 7:45:00 | 0 | 0 | 132.784 | 18.8 5838.1 |
| 9/6/2018 | 8:00:00 | 0 | 0 | 132.782 | 18.8 5751.5 |
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| 9/6/2018 | 9:15:00 | 0 | 0 | 132.817 | 18.8 5851.5 |
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| 9/6/2018 | 11:00:00 | 0 | 0 | 132.806 | 18.8 5901 |
| 9/6/2018 | 11:15:00 | 0 | 0 | 132.773 | 18.8 5834.7 |
| 9/6/2018 | 11:30:00 | 0 | 0 | 132.801 | 18.8 5870.7 |
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| 9/6/2018 | 12:00:00 | 0 | 0 | 132.805 | 18.8 5799.8 |
| 9/6/2018 | 12:15:00 | 0 | 0 | 132.808 | 18.8 5772.9 |
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| 9/6/2018 | 16:30:00 | 0 | 0 | 132.826 | 18.7 5739.2 |
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| 9/6/2018 | 18:00:00 | 0 | 0 | 132.84 | 18.8 5813.3 |
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| 9/6/2018 | 19:45:00 | 0 | 0 | 132.838 | 18.8 5792 |

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| 9/6/2018 | 20:00:00 | 0 | 132.833 | 18.8 | 5845.9 |
| 9/6/2018 | 20:15:00 | 0 | 132.85 | 18.8 | 5948.2 |
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| 10/2/2018 | 2:45:00 | 0 | 133.939 | 18.6 | 5891.5 |
| 10/2/2018 | 3:00:00 | 0 | 133.981 | 18.6 | 5682.9 |
| 10/2/2018 | 3:15:00 | 0 | 133.93 | 18.6 | 5891.5 |
| 10/2/2018 | 3:30:00 | 0 | 133.935 | 18.6 | 5759.6 |
| 10/2/2018 | 3:45:00 | 0 | 133.978 | 18.6 | 5849.8 |
| 10/2/2018 | 4:00:00 | 0 | 133.98 | 18.6 | 5990.8 |
| 10/2/2018 | 4:15:00 | 0 | 133.945 | 18.6 | 5907.3 |
| 10/2/2018 | 4:30:00 | 0 | 133.918 | 18.6 | 5872.4 |
| 10/2/2018 | 4:45:00 | 0 | 133.962 | 18.6 | 5826.1 |
| 10/2/2018 | 5:00:00 | 0 | 133.913 | 18.6 | 5826.1 |
| 10/2/2018 | 5:15:00 | 0 | 133.953 | 18.6 | 5834 |
| 10/2/2018 | 5:30:00 | 0 | 133.984 | 18.6 | 5738.1 |
| 10/2/2018 | 5:45:00 | 0 | 133.967 | 18.6 | 5878 |
| 10/2/2018 | 6:00:00 | 0 | 134.012 | 18.6 | 5772 |
| 10/2/2018 | 6:15:00 | 0 | 134.01 | 18.6 | 5829.5 |
| 10/2/2018 | 6:30:00 | 0 | 133.992 | 18.6 | 5610.7 |
| 10/2/2018 | 6:45:00 | 0 | 133.97 | 18.6 | 5733.6 |
| 10/2/2018 | 7:00:00 | 0 | 133.998 | 18.6 | 5791.2 |
| 10/2/2018 | 7:15:00 | 0 | 134.002 | 18.6 | 5752.8 |
| 10/2/2018 | 7:30:00 | 0 | 134.024 | 18.6 | 5739.3 |
| 10/2/2018 | 7:45:00 | 0 | 133.982 | 18.6 | 5691.9 |
| 10/2/2018 | 8:00:00 | 0 | 133.976 | 18.6 | 5747.2 |
| 10/2/2018 | 8:15:00 | 0 | 134.023 | 18.6 | 5585.9 |
| 10/2/2018 | 8:30:00 | 0 | 134.024 | 18.6 | 5656.9 |
| 10/2/2018 | 8:45:00 | 0 | 133.945 | 18.6 | 5638.9 |
| 10/2/2018 | 9:00:00 | 0 | 134.031 | 18.6 | 5432.4 |
| 10/2/2018 | 9:15:00 | 0 | 134.019 | 18.6 | 5500.1 |
| 10/2/2018 | 9:30:00 | 0 | 134.01 | 18.6 | 5677.2 |
| 10/2/2018 | 9:45:00 | 0 | 133.962 | 18.6 | 5543 |
| 10/2/2018 | 10:00:00 | 0 | 134.005 | 18.6 | 5623.1 |
| 10/2/2018 | 10:15:00 | 0 | 134.007 | 18.6 | 5627.6 |
| 10/2/2018 | 10:30:00 | 0 | 133.987 | 18.6 | 5582.5 |
| 10/2/2018 | 10:45:00 | 0 | 134.011 | 18.6 | 5457.3 |
| 10/2/2018 | 11:00:00 | 0 | 134.012 | 18.6 | 5541.9 |
| 10/2/2018 | 11:15:00 | 0 | 134.073 | 18.6 | 5523.8 |
| 10/2/2018 | 11:30:00 | 0 | 134.055 | 18.6 | 5618.6 |
| 10/2/2018 | 11:45:00 | 0 | 134.02 | 18.6 | 5442.6 |
| 10/2/2018 | 12:00:00 | 0 | 134.095 | 18.6 | 5594.9 |
| 10/2/2018 | 12:15:00 | 0 | 134.057 | 18.6 | 5609.5 |
| 10/2/2018 | 12:30:00 | 0 | 134.082 | 18.6 | 5540.7 |
| 10/2/2018 | 12:45:00 | 0 | 134.065 | 18.6 | 5739.3 |
| 10/2/2018 | 13:00:00 | 0 | 134.052 | 18.6 | 5524.9 |
| 10/2/2018 | 13:15:00 | 0 | 134.076 | 18.6 | 5504.6 |
| 10/2/2018 | 13:30:00 | 0 | 134.061 | 18.6 | 5629.8 |
| 10/2/2018 | 13:45:00 | 0 | 134.068 | 18.6 | 5517 |
| 10/2/2018 | 14:00:00 | 0 | 134.035 | 18.6 | 5444.9 |
| 10/2/2018 | 14:15:00 | 0 | 134.061 | 18.6 | 5601.6 |
| 10/2/2018 | 14:30:00 | 0 | 134.084 | 18.6 | 5434.7 |
| 10/2/2018 | 14:45:00 | 0 | 134.087 | 18.6 | 5469.7 |
| 10/2/2018 | 15:00:00 | 0 | 134.113 | 18.6 | 5650.2 |
| 10/2/2018 | 15:15:00 | 0 | 134.114 | 18.6 | 5578 |
| 10/2/2018 | 15:30:00 | 0 | 134.04 | 18.6 | 5550.9 |
| 10/2/2018 | 15:45:00 | 0 | 134.082 | 18.6 | 5470.8 |
| 10/2/2018 | 16:00:00 | 0 | 134.12 | 18.6 | 5509.2 |
| 10/2/2018 | 16:15:00 | 0 | 134.146 | 18.6 | 5495.6 |
| 10/2/2018 | 16:30:00 | 0 | 134.103 | 18.6 | 5383.9 |
| 10/2/2018 | 16:45:00 | 0 | 134.122 | 18.6 | 5289.2 |
| 10/2/2018 | 17:00:00 | 0 | 134.122 | 18.6 | 5589.2 |
| 10/2/2018 | 17:15:00 | 0 | 134.139 | 18.6 | 5444.9 |
| 10/2/2018 | 17:30:00 | 0 | 134.114 | 18.6 | 5417.8 |
| 10/2/2018 | 17:45:00 | 0 | 134.174 | 18.6 | 5373.8 |
| 10/2/2018 | 18:00:00 | 0 | 134.131 | 18.6 | 5494.5 |
| 10/2/2018 | 18:15:00 | 0 | 134.142 | 18.6 | 5249.7 |
| 10/2/2018 | 18:30:00 | 0 | 134.095 | 18.6 | 5247.5 |
| 10/2/2018 | 18:45:00 | 0 | 134.12 | 18.6 | 5437 |
| 10/2/2018 | 19:00:00 | 0 | 134.092 | 18.6 | 5371.5 |
| 10/2/2018 | 19:15:00 | 0 | 134.122 | 18.6 | 5256.5 |
| 10/2/2018 | 19:30:00 | 0 | 134.116 | 18.6 | 5350.1 |
| 10/2/2018 | 19:45:00 | 0 | 134.127 | 18.6 | 5241.8 |

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|-----------|----------|---|---------|------|--------|
| 10/2/2018 | 20:00:00 | 0 | 134.078 | 18.6 | 5367 |
| 10/2/2018 | 20:15:00 | 0 | 134.155 | 18.6 | 5276.8 |
| 10/2/2018 | 20:30:00 | 0 | 134.146 | 18.6 | 5275.7 |
| 10/2/2018 | 20:45:00 | 0 | 134.135 | 18.6 | 5441.5 |
| 10/2/2018 | 21:00:00 | 0 | 134.128 | 18.6 | 5218.1 |
| 10/2/2018 | 21:15:00 | 0 | 134.148 | 18.6 | 5338.8 |
| 10/2/2018 | 21:30:00 | 0 | 134.077 | 18.6 | 5301.6 |
| 10/2/2018 | 21:45:00 | 0 | 134.094 | 18.6 | 5230.5 |
| 10/2/2018 | 22:00:00 | 0 | 134.083 | 18.6 | 5441.5 |
| 10/2/2018 | 22:15:00 | 0 | 134.065 | 18.6 | 5497.9 |
| 10/2/2018 | 22:30:00 | 0 | 134.103 | 18.6 | 5493.4 |
| 10/2/2018 | 22:45:00 | 0 | 134.033 | 18.6 | 5394.1 |
| 10/2/2018 | 23:00:00 | 0 | 134.052 | 18.6 | 5495.6 |
| 10/2/2018 | 23:15:00 | 0 | 134.036 | 18.6 | 5432.4 |
| 10/2/2018 | 23:30:00 | 0 | 134.072 | 18.6 | 5353.5 |
| 10/2/2018 | 23:45:00 | 0 | 134.054 | 18.6 | 5561 |
| 10/3/2018 | 0:00:00 | 0 | 134.027 | 18.6 | 5791.2 |
| 10/3/2018 | 0:15:00 | 0 | 134.051 | 18.6 | 5481 |
| 10/3/2018 | 0:30:00 | 0 | 134.04 | 18.6 | 5723.5 |
| 10/3/2018 | 0:45:00 | 0 | 133.98 | 18.6 | 5700.9 |
| 10/3/2018 | 1:00:00 | 0 | 133.997 | 18.6 | 5653.5 |
| 10/3/2018 | 1:15:00 | 0 | 133.996 | 18.6 | 5647.9 |
| 10/3/2018 | 1:30:00 | 0 | 134.04 | 18.6 | 5635.5 |
| 10/3/2018 | 1:45:00 | 0 | 134.015 | 18.6 | 5901.7 |
| 10/3/2018 | 2:00:00 | 0 | 134.013 | 18.6 | 5782.1 |
| 10/3/2018 | 2:15:00 | 0 | 134.019 | 18.6 | 5902.8 |
| 10/3/2018 | 2:30:00 | 0 | 133.977 | 18.6 | 5829.5 |
| 10/3/2018 | 2:45:00 | 0 | 133.99 | 18.6 | 5759.6 |
| 10/3/2018 | 3:00:00 | 0 | 133.99 | 18.6 | 5596 |
| 10/3/2018 | 3:15:00 | 0 | 133.977 | 18.6 | 5900.6 |
| 10/3/2018 | 3:30:00 | 0 | 133.997 | 18.6 | 5733.6 |
| 10/3/2018 | 3:45:00 | 0 | 133.962 | 18.6 | 5763 |
| 10/3/2018 | 4:00:00 | 0 | 133.941 | 18.6 | 5805.8 |
| 10/3/2018 | 4:15:00 | 0 | 133.983 | 18.6 | 5739.3 |
| 10/3/2018 | 4:30:00 | 0 | 133.966 | 18.6 | 5714.4 |
| 10/3/2018 | 4:45:00 | 0 | 133.95 | 18.6 | 5864.5 |
| 10/3/2018 | 5:00:00 | 0 | 133.99 | 18.6 | 6011.1 |
| 10/3/2018 | 5:15:00 | 0 | 134.004 | 18.6 | 5808.1 |
| 10/3/2018 | 5:30:00 | 0 | 133.975 | 18.6 | 5777.6 |
| 10/3/2018 | 5:45:00 | 0 | 133.976 | 18.6 | 5957 |
| 10/3/2018 | 6:00:00 | 0 | 134.02 | 18.6 | 5862.2 |
| 10/3/2018 | 6:15:00 | 0 | 133.964 | 18.6 | 5933.3 |
| 10/3/2018 | 6:30:00 | 0 | 133.973 | 18.6 | 5628.7 |
| 10/3/2018 | 6:45:00 | 0 | 134.024 | 18.6 | 5858.8 |
| 10/3/2018 | 7:00:00 | 0 | 133.999 | 18.6 | 5774.2 |
| 10/3/2018 | 7:15:00 | 0 | 134.018 | 18.6 | 5715.6 |
| 10/3/2018 | 7:30:00 | 0 | 133.989 | 18.6 | 5644.5 |
| 10/3/2018 | 7:45:00 | 0 | 134.048 | 18.6 | 5787.8 |
| 10/3/2018 | 8:00:00 | 0 | 133.985 | 18.6 | 5669.3 |
| 10/3/2018 | 8:15:00 | 0 | 133.98 | 18.6 | 5647.9 |
| 10/3/2018 | 8:30:00 | 0 | 133.995 | 18.6 | 5693 |
| 10/3/2018 | 8:45:00 | 0 | 133.994 | 18.6 | 5740.4 |
| 10/3/2018 | 9:00:00 | 0 | 134.031 | 18.6 | 5773.1 |
| 10/3/2018 | 9:15:00 | 0 | 134.019 | 18.6 | 5687.4 |
| 10/3/2018 | 9:30:00 | 0 | 134.003 | 18.6 | 5552 |
| 10/3/2018 | 9:45:00 | 0 | 134.008 | 18.6 | 5540.7 |
| 10/3/2018 | 10:00:00 | 0 | 134.04 | 18.6 | 5584.7 |
| 10/3/2018 | 10:15:00 | 0 | 134.062 | 18.6 | 5513.7 |
| 10/3/2018 | 10:30:00 | 0 | 133.985 | 18.6 | 5662.6 |
| 10/3/2018 | 10:45:00 | 0 | 134.06 | 18.6 | 5456.1 |
| 10/3/2018 | 11:00:00 | 0 | 134.017 | 18.6 | 5494.5 |
| 10/3/2018 | 11:15:00 | 0 | 134.013 | 18.6 | 5503.5 |
| 10/3/2018 | 11:30:00 | 0 | 133.996 | 18.6 | 5478.7 |
| 10/3/2018 | 11:45:00 | 0 | 134.045 | 18.6 | 5510.3 |
| 10/3/2018 | 12:00:00 | 0 | 134.013 | 18.6 | 5635.5 |
| 10/3/2018 | 12:15:00 | 0 | 134.079 | 18.6 | 5557.7 |
| 10/3/2018 | 12:30:00 | 0 | 134.036 | 18.6 | 5572.3 |
| 10/3/2018 | 12:45:00 | 0 | 134.017 | 18.6 | 5563.3 |
| 10/3/2018 | 13:00:00 | 0 | 134.063 | 18.6 | 5735.9 |
| 10/3/2018 | 13:15:00 | 0 | 134.068 | 18.6 | 5440.3 |
| 10/3/2018 | 13:30:00 | 0 | 134.049 | 18.6 | 5590.4 |
| 10/3/2018 | 13:45:00 | 0 | 134.089 | 18.6 | 5534 |
| 10/3/2018 | 14:00:00 | 0 | 134.031 | 18.6 | 5566.7 |
| 10/3/2018 | 14:15:00 | 0 | 134.115 | 18.6 | 5497.9 |
| 10/3/2018 | 14:30:00 | 0 | 134.055 | 18.6 | 5425.7 |
| 10/3/2018 | 14:45:00 | 0 | 134.079 | 18.6 | 5774.2 |
| 10/3/2018 | 15:00:00 | 0 | 134.082 | 18.6 | 5451.6 |
| 10/3/2018 | 15:15:00 | 0 | 134.108 | 18.6 | 5601.6 |
| 10/3/2018 | 15:30:00 | 0 | 134.069 | 18.6 | 5593.8 |
| 10/3/2018 | 15:45:00 | 0 | 134.089 | 18.6 | 5616.3 |
| 10/3/2018 | 16:00:00 | 0 | 134.11 | 18.6 | 5455 |
| 10/3/2018 | 16:15:00 | 0 | 134.073 | 18.6 | 5536.2 |
| 10/3/2018 | 16:30:00 | 0 | 134.112 | 18.6 | 5408.8 |
| 10/3/2018 | 16:45:00 | 0 | 134.112 | 18.6 | 5546.4 |
| 10/3/2018 | 17:00:00 | 0 | 134.087 | 18.6 | 5476.4 |
| 10/3/2018 | 17:15:00 | 0 | 134.104 | 18.6 | 5437 |
| 10/3/2018 | 17:30:00 | 0 | 134.096 | 18.6 | 5479.8 |
| 10/3/2018 | 17:45:00 | 0 | 134.156 | 18.6 | 5473.1 |
| 10/3/2018 | 18:00:00 | 0 | 134.133 | 18.6 | 5490 |
| 10/3/2018 | 18:15:00 | 0 | 134.13 | 18.6 | 5343.3 |
| 10/3/2018 | 18:30:00 | 0 | 134.143 | 18.6 | 5459.5 |
| 10/3/2018 | 18:45:00 | 0 | 134.124 | 18.6 | 5405.4 |
| 10/3/2018 | 19:00:00 | 0 | 134.157 | 18.6 | 5453.9 |
| 10/3/2018 | 19:15:00 | 0 | 134.132 | 18.6 | 5373.8 |
| 10/3/2018 | 19:30:00 | 0 | 134.145 | 18.6 | 5456.1 |
| 10/3/2018 | 19:45:00 | 0 | 134.166 | 18.6 | 5372.7 |

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|-----------|----------|---|---------|------|--------|
| 10/3/2018 | 20:00:00 | 0 | 134.181 | 18.6 | 5250.8 |
| 10/3/2018 | 20:15:00 | 0 | 134.096 | 18.6 | 5425.7 |
| 10/3/2018 | 20:30:00 | 0 | 134.154 | 18.6 | 5272.3 |
| 10/3/2018 | 20:45:00 | 0 | 134.151 | 18.6 | 5188.8 |
| 10/3/2018 | 21:00:00 | 0 | 134.109 | 18.6 | 5403.1 |
| 10/3/2018 | 21:15:00 | 0 | 134.144 | 18.6 | 5161.7 |
| 10/3/2018 | 21:30:00 | 0 | 134.121 | 18.6 | 5240.7 |
| 10/3/2018 | 21:45:00 | 0 | 134.099 | 18.6 | 5305 |
| 10/3/2018 | 22:00:00 | 0 | 134.156 | 18.6 | 5300.5 |
| 10/3/2018 | 22:15:00 | 0 | 134.112 | 18.6 | 5164 |
| 10/3/2018 | 22:30:00 | 0 | 134.105 | 18.6 | 5268.9 |
| 10/3/2018 | 22:45:00 | 0 | 134.121 | 18.6 | 5236.2 |
| 10/3/2018 | 23:00:00 | 0 | 134.06 | 18.6 | 5323 |
| 10/3/2018 | 23:15:00 | 0 | 134.114 | 18.6 | 5327.5 |
| 10/3/2018 | 23:30:00 | 0 | 134.133 | 18.6 | 5562.2 |
| 10/3/2018 | 23:45:00 | 0 | 134.092 | 18.6 | 5435.8 |

Report Date: 10/8/2018 13:14
 Report User Name: WMassoll
 Report Computer Name: WKST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MW-75 LT Test_2018-10-04_09-15-13-833-BaroMerge.ws
 Create Date: 10/8/2018 13:10

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP MW-75
 Device Name:
 Serial Number: 499252
 Firmware Version: 2.01
 Hardware Version: 4
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 6
 Used Battery: 13

Log Configuration
 Log Name: MW-75 LT Test
 Created By: WMassoll
 Computer Name: TABLET001
 Application: WinSitu.exe
 Application Version: 5.6.27.1
 Create Date: 9/6/2018 3:17:50 PM Pacific Daylight Time
 Log Setup Time Zone: Pacific Daylight Time
 Notes Size(bytes): 4096
 Overwrite when full: Enabled
 Scheduled Start Time: 9/6/2018 3:30:00 PM Pacific Daylight Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Specific Gravity
 Depth: 1.012

Other Log Settings
 Depth of Probe: 35.4152 (ft)
 Head Pressure: 15.5377 (PSI)
 Temperature: 22.3882 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:
 Date and Time: Note
 9/6/2018 15:18 Used Battery: 13% Used Memory: 6% User Name: WMassoll
 10/4/2018 9:13 Log Download - Used Battery: 14% Used Memory: 9% User Name: WMassoll Interval - Start Time: 9/6/2018 3:30:00 PM Stop Time: 10/4/2018 10:00:00 AM
 10/8/2018 13:10 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-10-05_15-48-09-951.ws!"

Log Data:
 Record Count: 2663

Sensors:
 2
 1 499252 PCTD 30 PSIA (10.9m/35.8ft)
 2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(A) 35.8ft SNR: 499252 Corrected Pressure (PSI) | Sensor: PCTD(A) 35.8ft SNR: 499252 Corrected Temperature (C) | Sensor: PCTD(A) 35.8ft SNR: 499252 Corrected Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids (ppt) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) |
|----------------|-------------------------|--|---|--|-----------------------------|-------------------------------|----------------|------------------------------|----------------------|-----------------------|---------------------------|
| 9/6/2018 15:30 | 0 | 13.116 | 17.8 | 29.896 | 739.39 | 874.08 | 0.434 | 0.595 | 1325.665 | 0.999 | 14.754 |
| 9/6/2018 15:45 | 900.001 | 13.108 | 17.649 | 29.877 | 749.057 | 871.414 | 0.432 | 0.593 | 1335.012 | 0.999 | 14.759 |
| 9/6/2018 16:00 | 1800.001 | 13.117 | 17.64 | 29.897 | 756.355 | 880.069 | 0.437 | 0.598 | 1322.13 | 0.999 | 14.75 |
| 9/6/2018 16:15 | 2700.001 | 13.116 | 17.64 | 29.895 | 771.833 | 898.091 | 0.446 | 0.611 | 1295.617 | 0.999 | 14.75 |
| 9/6/2018 16:30 | 3600.001 | 13.118 | 17.639 | 29.899 | 783.052 | 911.147 | 0.453 | 0.62 | 1277.054 | 0.999 | 14.747 |
| 9/6/2018 16:45 | 4500.001 | 13.123 | 17.639 | 29.912 | 795.823 | 926.009 | 0.46 | 0.63 | 1256.561 | 0.999 | 14.747 |
| 9/6/2018 17:00 | 5400.001 | 13.109 | 17.64 | 29.881 | 807.624 | 939.291 | 0.467 | 0.639 | 1238.2 | 0.999 | 14.752 |
| 9/6/2018 17:15 | 6300.001 | 13.12 | 17.64 | 29.905 | 816.988 | 950.632 | 0.473 | 0.646 | 1224.009 | 0.999 | 14.743 |
| 9/6/2018 17:30 | 7200.001 | 13.116 | 17.639 | 29.895 | 821.945 | 956.408 | 0.476 | 0.65 | 1216.626 | 0.999 | 14.745 |
| 9/6/2018 17:45 | 8100.001 | 13.112 | 17.639 | 29.886 | 827.67 | 963.073 | 0.479 | 0.655 | 1208.211 | 0.999 | 14.748 |
| 9/6/2018 18:00 | 9000.001 | 13.118 | 17.639 | 29.901 | 835.844 | 972.575 | 0.484 | 0.661 | 1196.395 | 0.999 | 14.741 |
| 9/6/2018 18:15 | 9900.001 | 13.118 | 17.639 | 29.9 | 841.876 | 979.593 | 0.488 | 0.666 | 1187.824 | 0.999 | 14.74 |
| 9/6/2018 18:30 | 10800.001 | 13.116 | 17.639 | 29.9 | 847.672 | 986.349 | 0.491 | 0.671 | 1180.967 | 0.999 | 14.747 |
| 9/6/2018 18:45 | 11700.001 | 13.112 | 17.639 | 29.887 | 842.723 | 980.583 | 0.488 | 0.667 | 1186.63 | 0.999 | 14.743 |
| 9/6/2018 19:00 | 12600.001 | 13.116 | 17.639 | 29.895 | 849.098 | 987.999 | 0.492 | 0.672 | 1177.72 | 0.999 | 14.739 |
| 9/6/2018 19:15 | 13500.001 | 13.116 | 17.639 | 29.895 | 848.896 | 987.771 | 0.492 | 0.672 | 1178.001 | 0.999 | 14.739 |
| 9/6/2018 19:30 | 14400.001 | 13.115 | 17.639 | 29.892 | 844.905 | 983.124 | 0.49 | 0.669 | 1183.565 | 0.999 | 14.741 |
| 9/6/2018 19:45 | 15300.001 | 13.117 | 17.639 | 29.898 | 848.018 | 986.743 | 0.492 | 0.671 | 1179.22 | 0.999 | 14.734 |
| 9/6/2018 20:00 | 16200.001 | 13.119 | 17.639 | 29.904 | 847.672 | 986.349 | 0.491 | 0.671 | 1179.202 | 0.999 | 14.733 |
| 9/6/2018 20:15 | 17100.001 | 13.117 | 17.639 | 29.897 | 848.108 | 986.857 | 0.492 | 0.671 | 1179.095 | 0.999 | 14.733 |
| 9/6/2018 20:30 | 18000.001 | 13.108 | 17.639 | 29.876 | 846.516 | 985.002 | 0.491 | 0.67 | 1181.313 | 0.999 | 14.743 |
| 9/6/2018 20:45 | 18900.001 | 13.108 | 17.639 | 29.876 | 845.121 | 983.377 | 0.49 | 0.669 | 1183.262 | 0.999 | 14.744 |
| 9/6/2018 21:00 | 19800.001 | 13.106 | 17.639 | 29.872 | 848.095 | 986.847 | 0.492 | 0.671 | 1179.113 | 0.999 | 14.744 |
| 9/6/2018 21:15 | 20700.001 | 13.104 | 17.639 | 29.869 | 849.793 | 988.817 | 0.493 | 0.672 | 1176.757 | 0.999 | 14.746 |
| 9/6/2018 21:30 | 21600.001 | 13.104 | 17.639 | 29.869 | 846.764 | 985.294 | 0.491 | 0.67 | 1180.967 | 0.999 | 14.747 |
| 9/6/2018 21:45 | 22500.001 | 13.104 | 17.639 | 29.868 | 850.115 | 989.189 | 0.493 | 0.673 | 1176.312 | 0.999 | 14.747 |
| 9/6/2018 22:00 | 23400.001 | 13.101 | 17.639 | 29.862 | 849.403 | 988.365 | 0.493 | 0.672 | 1177.297 | 0.999 | 14.753 |
| 9/6/2018 22:15 | 24300.001 | 13.108 | 17.639 | 29.876 | 846.968 | 985.534 | 0.491 | 0.67 | 1180.822 | 0.999 | 14.743 |
| 9/6/2018 22:30 | 25200.001 | 13.104 | 17.639 | 29.867 | 844.859 | 983.082 | 0.49 | 0.668 | 1183.629 | 0.999 | 14.748 |
| 9/6/2018 22:45 | 26100.001 | 13.101 | 17.639 | 29.862 | 844.938 | 983.168 | 0.49 | 0.669 | 1183.518 | 0.999 | 14.75 |
| 9/6/2018 23:00 | 27000.001 | 13.104 | 17.638 | 29.869 | 838.898 | 976.156 | 0.486 | 0.664 | 1192.039 | 0.999 | 14.747 |
| 9/6/2018 23:15 | 27900.001 | 13.111 | 17.639 | 29.885 | 839.239 | 975.378 | 0.486 | 0.664 | 1192.977 | 0.999 | 14.744 |
| 9/6/2018 23:30 | 28800.001 | 13.105 | 17.639 | 29.87 | 838.866 | 976.107 | 0.486 | 0.664 | 1192.085 | 0.999 | 14.749 |
| 9/6/2018 23:45 | 29700.001 | 13.105 | 17.639 | 29.87 | 838.335 | 975.494 | 0.486 | 0.663 | 1192.84 | 0.999 | 14.747 |
| 9/7/2018 0:00 | 30600.001 | 13.107 | 17.639 | 29.876 | 836.679 | 973.566 | 0.485 | 0.662 | 1195.201 | 0.999 | 14.745 |
| 9/7/2018 0:15 | 31500.001 | 13.103 | 17.639 | 29.866 | 838.894 | 976.145 | 0.486 | 0.664 | 1192.045 | 0.999 | 14.75 |
| 9/7/2018 0:30 | 32400.001 | 13.109 | 17.639 | 29.878 | 835.562 | 972.263 | 0.484 | 0.661 | 1196.8 | 0.999 | 14.748 |
| 9/7/2018 0:45 | 33300.001 | 13.105 | 17.639 | 29.871 | 832.914 | 969.178 | 0.483 | 0.659 | 1200.605 | 0.999 | 14.747 |
| 9/7/2018 1:00 | 34200.001 | 13.102 | 17.639 | 29.864 | 837.577 | 974.603 | 0.485 | 0.663 | 1193.92 | 0.999 | 14.749 |
| 9/7/2018 1:15 | 35100.001 | 13.102 | 17.639 | 29.863 | 836.69 | 973.58 | 0.485 | 0.662 | 1195.185 | 0.999 | 14.748 |
| 9/7/2018 1:30 | 36000.001 | 13.11 | 17.639 | 29.882 | 835.636 | 972.348 | 0.484 | 0.661 | 1196.693 | 0.999 | 14.742 |
| 9/7/2018 1:45 | 36900.001 | 13.111 | 17.638 | 29.884 | 836.472 | 973.331 | 0.485 | 0.662 | 1195.497 | 0.999 | 14.744 |
| 9/7/2018 2:00 | 37800.001 | 13.11 | 17.638 | 29.882 | 837.333 | 974.332 | 0.485 | 0.663 | 1194.268 | 0.999 | 14.742 |
| 9/7/2018 2:15 | 38700.001 | 13.111 | 17.639 | 29.884 | 835.166 | 972.091 | 0.484 | 0.661 | 1197.099 | 0.999 | 14.739 |
| 9/7/2018 2:30 | 39600.001 | 13.106 | 17.639 | 29.872 | 834.355 | 970.858 | 0.483 | 0.66 | 1198.531 | 0.999 | 14.744 |
| 9/7/2018 2:45 | 40500.001 | 13.114 | 17.638 | 29.891 | 834.526 | 971.065 | 0.484 | 0.66 | 1198.285 | 0.999 | 14.736 |
| 9/7/2018 3:00 | 41400.001 | 13.107 | 17.638 | 29.875 | 836.268 | 973.093 | 0.485 | 0.662 | 1195.788 | 0.999 | 14.742 |
| 9/7/2018 3:15 | 42300.001 | 13.106 | 17.639 | 29.873 | 835.106 | 971.731 | 0.484 | 0.661 | 1197.453 | 0.999 | 14.741 |
| 9/7/2018 3:30 | 43200.001 | 13.107 | 17.638 | 29.876 | 836.543 | 973.415 | 0.485 | 0.662 | 1195.396 | 0.999 | 14.74 |
| 9/7/2018 3:45 | 44100.001 | 13.106 | 17.638 | 29.874 | 845.121 | 982.688 | 0.49 | 0.668 | 1181.16 | 0.999 | 14.74 |
| 9/7/2018 4:00 | 45000.001 | 13.103 | 17.639 | 29.865 | 845.591 | 983.937 | 0.49 | 0.669 | 1182.605 | 0.999 | 14.748 |
| 9/7/2018 4:15 | 45900.001 | 13.107 | 17.638 | 29.875 | 846.197 | 984.645 | 0.491 | 0.67 | 1181.757 | 0.999 | 14.74 |
| 9/7/2018 4:30 | 46800.001 | 13.1 | 17.638 | 29.859 | 843.658 | 981.692 | 0.489 | 0.668 | 1185.314 | 0.999 | 14.748 |
| 9/7/2018 4:45 | 47700.001 | 13.106 | 17.639 | 29.873 | 842.696 | 980.567 | 0.488 | 0.667 | 1186.668 | 0.999 | 14.742 |
| 9/7/2018 5:00 | 48600.001 | 13.106 | 17.638 | 29.872 | 842.495 | 980.337 | 0.488 | 0.667 | 1186.95 | 0.999 | 14.74 |
| 9/7/2018 5:15 | 49500.001 | 13.115 | 17.639 | 29.894 | 843.863 | 981.904 | 0.489 | 0.668 | 1185.026 | 0.999 | 14.745 |
| 9/7/2018 5:30 | 50400.001 | 13.104 | 17.639 | 29.867 | 840.418 | 977.918 | 0.487 | 0.665 | 1189.884 | 0.999 | 14.743 |
| 9/7/2018 5:45 | 51300.001 | 13.111 | 17.638 | 29.883 | 842.577 | 980.444 | 0.488 | 0.667 | 1186.835 | 0.999 | 14.736 |
| 9/7/2018 6:00 | 52200.001 | 13.111 | 17.638 | 29.883 | 846.214 | 984.668 | 0.491 | 0.67 | 1181.734 | 0.999 | 14.735 |
| 9/7/2018 6:15 | 53100.001 | 13.111 | 17.639 | 29.885 | 842.936 | 980.837 | 0.489 | 0.667 | 1186.329 | 0.999 | 14.739 |
| 9/7/2018 6:30 | 54000.001 | 13.105 | 17.638 | 29.87 | 841.669 | 979.383 | 0.488 | 0.666 | 1188.116 | 0.999 | 14.741 |
| 9/7/2018 6:45 | 54900.001 | 13.104 | 17.638 | 29.868 | 844.625 | 982.868 | 0.49 | 0.668 | 1183.957 | 0.999 | 14.748 |
| 9/7/2018 7:00 | 55800.001 | 13.1 | 17.639 | 29.858 | 841.201 | 978.825 | 0.488 | 0.666 | 1188.776 | 0.999 | 14.748 |
| 9/7/2018 7:15 | 56700.001 | 13.1 | 17.638 | 29.859 | 843.253 | 981.218 | 0.489 | 0.667 | 1185.884 | 0.999 | 14.747 |
| 9/7/2018 7:30 | 57600.001 | 13.108 | 17.638 | 29.876 | 840.787 | 978.353 | 0.487 | 0.665 | 1189.361 | 0.999 | 14.739 |
| 9/7/2018 7:45 | 58500.001 | 13.1 | 17.638 | 29.858 | 840.664 | 978.208 | 0.487 | 0.665 | 1189.536 | 0.999 | 14.747 |
| 9/7/2018 8:00 | 59400.001 | 13.101 | 17.638 | 29.861 | 846.563 | 985.07 | 0.491 | 0.67 | 1181.248 | 0.999 | 14.748 |
| 9/7/2018 8:15 | 60300.001 | 13.102 | 17.639 | 29.864 | 846.331 | 984.296 | 0.491 | 0.67 | 1181.572 | 0.999 | 14.75 |
| 9/7/2018 8:30 | 61200.001 | 13.1 | 17.638 | 29.859 | 844.657 | 982.853 | 0.49 | 0.668 | 1183.912 | 0.999 | 14.745 |
| 9/7/2018 8:45 | 62100.001 | 13.099 | 17.638 | 29.856 | 845.314 | 983.626 | 0.49 | 0.669 | 1182.992 | 0.999 | 14.751 |
| 9/7/2018 9:00 | 63000.001 | 13.106 | 17.638 | 29.872 | 847.061 | 985.656 | 0.491 | 0.67 | 1180.553 | 0.999 | 14.744 |
| 9/7/2018 9:15 | 63900.001 | 13.1 | 17.638 | 29.858 | 846.404 | 984.886 | 0.491 | 0.67 | 1181.469 | 0.999 | 14.751 |
| 9/7/2018 9:30 | 64800.001 | 13.099 | 17.638 | 29.856 | 849.069 | 987.99 | 0.492 | 0.672 | 1177.761 | 0.999 | 14.751 |
| 9/7/2018 9:45 | 65700.001 | 13.096 | 17.638 | 29.854 | 848.764 | 987.635 | 0.492 | 0.672 | 1178.84 | 0.999 | |

| | | | | | | | | | | | |
|----------------|------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 9/8/2018 0:30 | 118800.001 | 13:04 | 17.638 | 29.868 | 869.77 | 1012.074 | 0.505 | 0.688 | 1140.729 | 0.999 | 14.73 |
| 9/8/2018 0:45 | 119700.001 | 13:01 | 17.638 | 29.86 | 874.184 | 1017.211 | 0.507 | 0.692 | 1143.923 | 0.999 | 14.736 |
| 9/8/2018 1:00 | 120600.001 | 13:09 | 17.638 | 29.857 | 877.015 | 1020.511 | 0.509 | 0.694 | 1140.231 | 0.999 | 14.733 |
| 9/8/2018 1:15 | 121500.001 | 13:07 | 17.638 | 29.874 | 875.224 | 1018.43 | 0.508 | 0.693 | 1142.565 | 0.999 | 14.73 |
| 9/8/2018 1:30 | 122400.001 | 13:05 | 17.638 | 29.871 | 873.375 | 1016.279 | 0.507 | 0.691 | 1144.983 | 0.999 | 14.731 |
| 9/8/2018 1:45 | 123300.001 | 13:08 | 17.638 | 29.878 | 876.449 | 1020.089 | 0.509 | 0.694 | 1140.707 | 0.999 | 14.725 |
| 9/8/2018 2:00 | 124200.001 | 13:15 | 17.638 | 29.894 | 873.654 | 1015.985 | 0.507 | 0.691 | 1144.462 | 0.999 | 14.722 |
| 9/8/2018 2:15 | 125100.001 | 13:11 | 17.638 | 29.885 | 876.236 | 1019.606 | 0.509 | 0.693 | 1141.245 | 0.999 | 14.724 |
| 9/8/2018 2:30 | 126000.001 | 13:08 | 17.638 | 29.876 | 878.362 | 1022.073 | 0.51 | 0.695 | 1138.483 | 0.999 | 14.724 |
| 9/8/2018 2:45 | 126900.001 | 13:07 | 17.638 | 29.875 | 875.731 | 1019.018 | 0.508 | 0.693 | 1141.904 | 0.999 | 14.724 |
| 9/8/2018 3:00 | 127800.001 | 13:15 | 17.638 | 29.893 | 875.023 | 1018.204 | 0.508 | 0.692 | 1142.827 | 0.999 | 14.721 |
| 9/8/2018 3:15 | 128700.001 | 13:11 | 17.638 | 29.884 | 875.056 | 1018.224 | 0.508 | 0.692 | 1142.785 | 0.999 | 14.723 |
| 9/8/2018 3:30 | 129600.001 | 13:11 | 17.638 | 29.884 | 873.654 | 1015.985 | 0.507 | 0.691 | 1145.405 | 0.999 | 14.723 |
| 9/8/2018 3:45 | 130500.001 | 13:06 | 17.638 | 29.873 | 873.684 | 1016.625 | 0.507 | 0.691 | 1144.578 | 0.999 | 14.724 |
| 9/8/2018 4:00 | 131400.001 | 13:17 | 17.638 | 29.898 | 875.422 | 1018.654 | 0.508 | 0.693 | 1142.307 | 0.999 | 14.718 |
| 9/8/2018 4:15 | 132300.001 | 13:125 | 17.638 | 29.917 | 873.996 | 1017.002 | 0.507 | 0.692 | 1144.17 | 0.999 | 14.715 |
| 9/8/2018 4:30 | 133200.001 | 13:12 | 17.638 | 29.886 | 876.434 | 1019.844 | 0.509 | 0.693 | 1140.988 | 0.999 | 14.721 |
| 9/8/2018 4:45 | 134100.001 | 13:116 | 17.638 | 29.895 | 877.744 | 1021.361 | 0.51 | 0.695 | 1139.284 | 0.999 | 14.718 |
| 9/8/2018 5:00 | 135000.001 | 13:15 | 17.638 | 29.912 | 874.907 | 1015.04 | 0.506 | 0.69 | 1147.379 | 0.999 | 14.726 |
| 9/8/2018 5:15 | 135900.001 | 13:11 | 17.638 | 29.882 | 878.339 | 1022.055 | 0.51 | 0.695 | 1138.513 | 0.999 | 14.722 |
| 9/8/2018 5:30 | 136800.001 | 13:116 | 17.638 | 29.894 | 873.071 | 1015.928 | 0.507 | 0.691 | 1145.382 | 0.999 | 14.714 |
| 9/8/2018 5:45 | 137700.001 | 13:11 | 17.638 | 29.881 | 873.221 | 1016.098 | 0.507 | 0.691 | 1145.185 | 0.999 | 14.724 |
| 9/8/2018 6:00 | 138600.001 | 13:12 | 17.638 | 29.887 | 877.498 | 1021.077 | 0.509 | 0.694 | 1139.604 | 0.999 | 14.721 |
| 9/8/2018 6:15 | 139500.001 | 13:106 | 17.638 | 29.873 | 874.877 | 1018.027 | 0.508 | 0.692 | 1143.018 | 0.999 | 14.72 |
| 9/8/2018 6:30 | 140400.001 | 13:106 | 17.638 | 29.872 | 874.907 | 1018.06 | 0.508 | 0.692 | 1142.379 | 0.999 | 14.721 |
| 9/8/2018 6:45 | 141300.001 | 13:106 | 17.638 | 29.873 | 876.697 | 1020.146 | 0.509 | 0.694 | 1140.645 | 0.999 | 14.725 |
| 9/8/2018 7:00 | 142200.001 | 13:104 | 17.638 | 29.868 | 874.215 | 1017.263 | 0.508 | 0.692 | 1143.883 | 0.999 | 14.725 |
| 9/8/2018 7:15 | 143100.001 | 13:1 | 17.638 | 29.859 | 871.222 | 1013.78 | 0.506 | 0.689 | 1147.813 | 0.999 | 14.728 |
| 9/8/2018 7:30 | 144000.001 | 13:106 | 17.638 | 29.872 | 875.538 | 1018.786 | 0.508 | 0.693 | 1142.155 | 0.999 | 14.723 |
| 9/8/2018 7:45 | 144900.001 | 13:104 | 17.638 | 29.867 | 872.373 | 1015.117 | 0.506 | 0.69 | 1146.299 | 0.999 | 14.73 |
| 9/8/2018 8:00 | 145800.001 | 13:1 | 17.638 | 29.858 | 878.652 | 1021.718 | 0.51 | 0.695 | 1138.884 | 0.999 | 14.73 |
| 9/8/2018 8:15 | 146700.001 | 13:103 | 17.638 | 29.866 | 876.917 | 1020.397 | 0.509 | 0.694 | 1140.359 | 0.999 | 14.726 |
| 9/8/2018 8:30 | 147600.001 | 13:101 | 17.638 | 29.86 | 877.394 | 1020.954 | 0.509 | 0.694 | 1139.739 | 0.999 | 14.728 |
| 9/8/2018 8:45 | 148500.001 | 13:107 | 17.638 | 29.874 | 879.39 | 1023.284 | 0.511 | 0.696 | 1137.152 | 0.999 | 14.725 |
| 9/8/2018 9:00 | 149400.001 | 13:102 | 17.638 | 29.864 | 878.741 | 1022.531 | 0.51 | 0.695 | 1137.992 | 0.999 | 14.731 |
| 9/8/2018 9:15 | 150300.001 | 13:101 | 17.638 | 29.861 | 877.211 | 1020.751 | 0.509 | 0.694 | 1139.976 | 0.999 | 14.731 |
| 9/8/2018 9:30 | 151200.001 | 13:11 | 17.638 | 29.864 | 876.223 | 1019.713 | 0.509 | 0.693 | 1142.323 | 0.999 | 14.725 |
| 9/8/2018 9:45 | 152100.001 | 13:105 | 17.638 | 29.87 | 878.482 | 1022.234 | 0.51 | 0.695 | 1138.327 | 0.999 | 14.73 |
| 9/8/2018 10:00 | 153000.001 | 13:099 | 17.638 | 29.856 | 881.022 | 1025.179 | 0.512 | 0.697 | 1135.046 | 0.999 | 14.732 |
| 9/8/2018 10:15 | 153900.001 | 13:105 | 17.638 | 29.871 | 882.664 | 1027.092 | 0.513 | 0.698 | 1132.934 | 0.999 | 14.731 |
| 9/8/2018 10:30 | 154800.001 | 13:098 | 17.638 | 29.855 | 879.297 | 1023.174 | 0.511 | 0.696 | 1137.272 | 0.999 | 14.735 |
| 9/8/2018 10:45 | 155700.001 | 13:104 | 17.638 | 29.868 | 884.536 | 1029.271 | 0.514 | 0.7 | 1130.536 | 0.999 | 14.734 |
| 9/8/2018 11:00 | 156600.001 | 13:103 | 17.638 | 29.866 | 885.702 | 1030.625 | 0.514 | 0.701 | 1129.048 | 0.999 | 14.735 |
| 9/8/2018 11:15 | 157500.001 | 13:106 | 17.638 | 29.873 | 885.86 | 1030.806 | 0.515 | 0.701 | 1128.847 | 0.999 | 14.728 |
| 9/8/2018 11:30 | 158400.001 | 13:102 | 17.638 | 29.864 | 887.521 | 1032.739 | 0.516 | 0.702 | 1126.734 | 0.999 | 14.731 |
| 9/8/2018 11:45 | 159300.001 | 13:103 | 17.638 | 29.865 | 890.551 | 1036.267 | 0.517 | 0.705 | 1122.9 | 0.999 | 14.731 |
| 9/8/2018 12:00 | 160200.001 | 13:108 | 17.638 | 29.876 | 891.566 | 1037.448 | 0.518 | 0.705 | 1121.623 | 0.999 | 14.726 |
| 9/8/2018 12:15 | 161100.001 | 13:113 | 17.638 | 29.888 | 894.136 | 1040.429 | 0.52 | 0.707 | 1118.398 | 0.999 | 14.725 |
| 9/8/2018 12:30 | 162000.001 | 13:108 | 17.638 | 29.877 | 891.955 | 1037.895 | 0.518 | 0.706 | 1121.132 | 0.999 | 14.726 |
| 9/8/2018 12:45 | 162900.001 | 13:106 | 17.638 | 29.873 | 894.363 | 1040.686 | 0.52 | 0.708 | 1118.115 | 0.999 | 14.728 |
| 9/8/2018 13:00 | 163800.001 | 13:102 | 17.638 | 29.865 | 895.405 | 1041.909 | 0.52 | 0.708 | 1116.813 | 0.999 | 14.729 |
| 9/8/2018 13:15 | 164700.001 | 13:106 | 17.638 | 29.873 | 898.923 | 1045.999 | 0.522 | 0.711 | 1112.443 | 0.999 | 14.725 |
| 9/8/2018 13:30 | 165600.001 | 13:115 | 17.638 | 29.894 | 897.202 | 1044.007 | 0.521 | 0.71 | 1114.576 | 0.999 | 14.721 |
| 9/8/2018 13:45 | 166500.001 | 13:111 | 17.638 | 29.885 | 901.108 | 1048.55 | 0.524 | 0.713 | 1109.745 | 0.999 | 14.725 |
| 9/8/2018 14:00 | 167400.001 | 13:113 | 17.638 | 29.889 | 897.4 | 1044.233 | 0.522 | 0.71 | 1114.33 | 0.999 | 14.719 |
| 9/8/2018 14:15 | 168300.001 | 13:117 | 17.638 | 29.897 | 901.559 | 1049.303 | 0.524 | 0.714 | 1108.943 | 0.999 | 14.716 |
| 9/8/2018 14:30 | 169200.001 | 13:121 | 17.638 | 29.907 | 901.904 | 1049.47 | 0.524 | 0.714 | 1108.766 | 0.999 | 14.712 |
| 9/8/2018 14:45 | 170100.001 | 13:116 | 17.638 | 29.896 | 899.681 | 1046.885 | 0.523 | 0.712 | 1111.505 | 0.999 | 14.712 |
| 9/8/2018 15:00 | 171000.001 | 13:118 | 17.638 | 29.901 | 896.883 | 1043.624 | 0.521 | 0.71 | 1114.972 | 0.999 | 14.707 |
| 9/8/2018 15:15 | 171900.001 | 13:12 | 17.638 | 29.905 | 900.845 | 1048.241 | 0.524 | 0.713 | 1110.069 | 0.999 | 14.709 |
| 9/8/2018 15:30 | 172800.001 | 13:121 | 17.638 | 29.906 | 896.208 | 1042.839 | 0.521 | 0.709 | 1115.813 | 0.999 | 14.709 |
| 9/8/2018 15:45 | 173700.001 | 13:119 | 17.638 | 29.903 | 899.461 | 1046.631 | 0.523 | 0.712 | 1111.712 | 0.999 | 14.713 |
| 9/8/2018 16:00 | 174600.001 | 13:128 | 17.638 | 29.923 | 899.578 | 1046.763 | 0.523 | 0.712 | 1111.633 | 0.999 | 14.693 |
| 9/8/2018 16:15 | 175500.001 | 13:122 | 17.638 | 29.908 | 897.764 | 1044.65 | 0.522 | 0.71 | 1113.879 | 0.999 | 14.697 |
| 9/8/2018 16:30 | 176400.001 | 13:126 | 17.638 | 29.918 | 899.764 | 1046.982 | 0.523 | 0.712 | 1111.403 | 0.999 | 14.691 |
| 9/8/2018 16:45 | 177300.001 | 13:131 | 17.638 | 29.93 | 902.342 | 1049.981 | 0.525 | 0.714 | 1108.227 | 0.999 | 14.685 |
| 9/8/2018 17:00 | 178200.001 | 13:124 | 17.638 | 29.913 | 901.19 | 1048.645 | 0.524 | 0.713 | 1109.644 | 0.999 | 14.69 |
| 9/8/2018 17:15 | 179100.001 | 13:135 | 17.638 | 29.935 | 901.591 | 1048.609 | 0.524 | 0.714 | 1109.893 | 0.999 | 14.683 |
| 9/8/2018 17:30 | 180000.001 | 13:124 | 17.638 | 29.914 | 901.238 | 1048.699 | 0.524 | 0.713 | 1109.585 | 0.999 | 14.686 |
| 9/8/2018 17:45 | 180900.001 | 13:137 | 17.638 | 29.944 | 899.958 | 1047.211 | 0.523 | 0.712 | 1111.163 | 0.999 | 14.671 |
| 9/8/2018 18:00 | 181800.001 | 13:133 | 17.638 | 29.933 | 899.661 | 1046.869 | 0.523 | 0.712 | 1111.529 | 0.999 | 14.676 |
| 9/8/2018 18:15 | 182700.001 | 13:121 | 17.638 | 29.907 | 902.386 | 1050.405 | 0.525 | 0.714 | 1108.173 | 0.999 | 14.681 |
| 9/8/2018 18:30 | 183600.001 | 13:124 | 17.638 | 29.914 | 900.849 | 1048.254 | 0.524 | 0.713 | 1110.064 | 0.999 | 14.681 |
| 9/8/2018 18:45 | 184500.001 | 13:122 | 17.638 | 29.912 | 899.522 | 1047.165 | 0.523 | 0.712 | 1111.208 | 0.999 | 14.683 |
| 9/8/2018 19:00 | 185400.001 | 13:121 | 17.638 | 29.908 | 897.516 | 1044.372 | 0.522 | 0.71 | 1114.186 | 0.999 | 14.682 |
| 9/8/2018 19:15 | 186300.001 | 13:113 | 17.638 | 29.888 | 897.21 | 1044.016 | 0.521 | 0.71 | 1114.566 | 0.999 | 14.69 |
| 9/8/2018 19:30 | 187200.001 | 13:114 | 17.638 | 29.89 | 895.418 | 1041.93 | 0.52 | 0.709 | 1116.797 | 0.999 | 14.688 |
| 9/8/2018 19:45 | 188100.001 | 13:116 | 17.638 | 29.894 | 896.823 | 1043.563 | 0.521 | 0.71 | 1115.048 | 0.999 | 14.685 |
| 9/8/2018 20:00 | 189000.001 | 13:119 | 17.638 | 29.901 | 894.842 | 1041.263 | 0.52 | 0.708 | 1117.516 | 0.999 | 14.683 |
| 9/8/2018 20:15 | 189900.001 | 13:11 | 17.638 | 29.882 | 892.336 | 1038.577 | 0.519 | 0.706 | 1120.403 | 0.999 | 14.689 |
| 9/8/2018 20:30 | 190800.001 | 13:119 | 17.638 | 29.901 | 892.971 | 1039.095 | 0.519 | 0.707 | 1119.857 | 0.999 | 14.681 |
| 9/8/2018 20:45 | 191700.001 | 13:108 | 17.638 | 29.878 | 895.524 | 1042.058 | 0.52 | 0.709 | 1116.665 | 0.999 | 14.692 |
| 9/8/2018 21:00 | 192600.001 | 13:115 | 17.638 | 29.894 | 894.265 | 1 | | | | | |

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|-----------------|------------|-------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 9/10/2018 5:15 | 308700.001 | 13:14 | 17.637 | 29.89 | 934.263 | 1075.512 | 0.538 | 0.731 | 1081.943 | 0.999 | 14.675 |
| 9/10/2018 5:30 | 309600.001 | 13:17 | 17.637 | 29.876 | 921.892 | 1072.748 | 0.536 | 0.729 | 1084.726 | 0.999 | 14.678 |
| 9/10/2018 5:45 | 310500.001 | 13:10 | 17.637 | 29.864 | 920.338 | 1070.945 | 0.535 | 0.728 | 1086.557 | 0.999 | 14.686 |
| 9/10/2018 6:00 | 311400.001 | 13:09 | 17.637 | 29.856 | 923.107 | 1074.165 | 0.537 | 0.73 | 1083.298 | 0.999 | 14.688 |
| 9/10/2018 6:15 | 312300.001 | 13:10 | 17.637 | 29.87 | 924.078 | 1075.295 | 0.538 | 0.731 | 1082.159 | 0.999 | 14.682 |
| 9/10/2018 6:30 | 313200.001 | 13:10 | 17.637 | 29.878 | 923.451 | 1074.569 | 0.537 | 0.731 | 1082.895 | 0.999 | 14.688 |
| 9/10/2018 6:45 | 314100.001 | 13:08 | 17.637 | 29.876 | 922.569 | 1073.539 | 0.537 | 0.73 | 1083.929 | 0.999 | 14.684 |
| 9/10/2018 7:00 | 315000.001 | 13:1 | 17.637 | 29.86 | 923.332 | 1074.429 | 0.537 | 0.731 | 1083.034 | 0.999 | 14.688 |
| 9/10/2018 7:15 | 315900.001 | 13:10 | 17.637 | 29.867 | 925.19 | 1076.589 | 0.538 | 0.732 | 1080.859 | 0.999 | 14.688 |
| 9/10/2018 7:30 | 316800.001 | 13:09 | 17.637 | 29.857 | 924.823 | 1076.16 | 0.538 | 0.732 | 1081.288 | 0.999 | 14.69 |
| 9/10/2018 7:45 | 317700.001 | 13:09 | 17.637 | 29.85 | 921.195 | 1071.936 | 0.536 | 0.729 | 1085.546 | 0.999 | 14.693 |
| 9/10/2018 8:00 | 318600.001 | 13:09 | 17.637 | 29.846 | 922.942 | 1073.975 | 0.537 | 0.73 | 1083.491 | 0.999 | 14.696 |
| 9/10/2018 8:15 | 319500.001 | 13:09 | 17.637 | 29.838 | 923.27 | 1074.355 | 0.537 | 0.731 | 1083.101 | 0.999 | 14.701 |
| 9/10/2018 8:30 | 320400.001 | 13:09 | 17.637 | 29.847 | 926.978 | 1078.673 | 0.539 | 0.733 | 1078.774 | 0.999 | 14.698 |
| 9/10/2018 8:45 | 321300.001 | 13:09 | 17.637 | 29.847 | 922.266 | 1073.184 | 0.537 | 0.73 | 1084.285 | 0.999 | 14.695 |
| 9/10/2018 9:00 | 322200.001 | 13:10 | 17.637 | 29.866 | 924.185 | 1075.415 | 0.538 | 0.731 | 1082.034 | 0.999 | 14.695 |
| 9/10/2018 9:15 | 323100.001 | 13:09 | 17.638 | 29.852 | 924.506 | 1075.787 | 0.538 | 0.732 | 1081.659 | 0.999 | 14.697 |
| 9/10/2018 9:30 | 324000.001 | 13:1 | 17.638 | 29.858 | 925.084 | 1076.455 | 0.538 | 0.732 | 1080.982 | 0.999 | 14.695 |
| 9/10/2018 9:45 | 324900.001 | 13:11 | 17.637 | 29.863 | 924.077 | 1075.248 | 0.538 | 0.73 | 1082.207 | 0.999 | 14.695 |
| 9/10/2018 10:00 | 325800.001 | 13:10 | 17.637 | 29.862 | 927.793 | 1079.615 | 0.54 | 0.734 | 1077.827 | 0.999 | 14.7 |
| 9/10/2018 10:15 | 326700.001 | 13:09 | 17.638 | 29.854 | 928.515 | 1080.452 | 0.54 | 0.735 | 1076.988 | 0.999 | 14.7 |
| 9/10/2018 10:30 | 327600.001 | 13:09 | 17.637 | 29.849 | 932.419 | 1085.003 | 0.543 | 0.738 | 1072.479 | 0.999 | 14.702 |
| 9/10/2018 10:45 | 328500.001 | 13:09 | 17.637 | 29.852 | 932.044 | 1084.564 | 0.543 | 0.738 | 1072.911 | 0.999 | 14.701 |
| 9/10/2018 11:00 | 329400.001 | 13:09 | 17.637 | 29.846 | 936.311 | 1089.53 | 0.545 | 0.741 | 1068.021 | 0.999 | 14.704 |
| 9/10/2018 11:15 | 330300.001 | 13:10 | 17.637 | 29.863 | 939.926 | 1093.234 | 0.547 | 0.744 | 1063.914 | 0.999 | 14.695 |
| 9/10/2018 11:30 | 331200.001 | 13:1 | 17.637 | 29.858 | 942.517 | 1096.748 | 0.549 | 0.749 | 1060.989 | 0.999 | 14.698 |
| 9/10/2018 11:45 | 332100.001 | 13:09 | 17.638 | 29.852 | 938.312 | 1091.847 | 0.546 | 0.742 | 1065.744 | 0.999 | 14.701 |
| 9/10/2018 12:00 | 333000.001 | 13:09 | 17.638 | 29.851 | 943.9 | 1098.35 | 0.55 | 0.747 | 1059.434 | 0.999 | 14.702 |
| 9/10/2018 12:15 | 333900.001 | 13:10 | 17.637 | 29.873 | 944.379 | 1098.916 | 0.55 | 0.747 | 1058.896 | 0.999 | 14.696 |
| 9/10/2018 12:30 | 334800.001 | 13:11 | 17.638 | 29.884 | 943.216 | 1097.558 | 0.549 | 0.746 | 1060.203 | 0.999 | 14.692 |
| 9/10/2018 12:45 | 335700.001 | 13:11 | 17.638 | 29.884 | 941.425 | 1095.491 | 0.548 | 0.745 | 1062.22 | 0.999 | 14.688 |
| 9/10/2018 13:00 | 336600.001 | 13:10 | 17.638 | 29.87 | 943.107 | 1097.431 | 0.549 | 0.746 | 1060.326 | 0.999 | 14.692 |
| 9/10/2018 13:15 | 337500.001 | 13:10 | 17.637 | 29.866 | 945.454 | 1100.164 | 0.551 | 0.748 | 1057.693 | 0.999 | 14.693 |
| 9/10/2018 13:30 | 338400.001 | 13:10 | 17.638 | 29.879 | 944.716 | 1099.302 | 0.55 | 0.748 | 1058.519 | 0.999 | 14.689 |
| 9/10/2018 13:45 | 339300.001 | 13:10 | 17.638 | 29.878 | 946.602 | 1101.498 | 0.551 | 0.749 | 1056.41 | 0.999 | 14.688 |
| 9/10/2018 14:00 | 340200.001 | 13:11 | 17.638 | 29.885 | 946.604 | 1101.494 | 0.551 | 0.749 | 1056.408 | 0.999 | 14.685 |
| 9/10/2018 14:15 | 341100.001 | 13:10 | 17.637 | 29.871 | 945.255 | 1099.276 | 0.548 | 0.745 | 1057.916 | 0.999 | 14.688 |
| 9/10/2018 14:30 | 342000.001 | 13:10 | 17.638 | 29.879 | 942.003 | 1096.14 | 0.549 | 0.745 | 1061.568 | 0.999 | 14.685 |
| 9/10/2018 14:45 | 342900.001 | 13:10 | 17.637 | 29.872 | 943.405 | 1097.788 | 0.549 | 0.746 | 1059.991 | 0.999 | 14.688 |
| 9/10/2018 15:00 | 343800.001 | 13:11 | 17.637 | 29.9 | 943.082 | 1097.411 | 0.549 | 0.746 | 1060.353 | 0.999 | 14.679 |
| 9/10/2018 15:15 | 344700.001 | 13:11 | 17.638 | 29.888 | 946.589 | 1101.48 | 0.551 | 0.749 | 1056.425 | 0.999 | 14.678 |
| 9/10/2018 15:30 | 345600.001 | 13:11 | 17.638 | 29.89 | 946.76 | 1101.682 | 0.551 | 0.749 | 1056.234 | 0.999 | 14.677 |
| 9/10/2018 15:45 | 346500.001 | 13:11 | 17.638 | 29.891 | 947.056 | 1102.022 | 0.552 | 0.749 | 1055.904 | 0.999 | 14.675 |
| 9/10/2018 16:00 | 347400.001 | 13:11 | 17.637 | 29.891 | 947.057 | 1102.594 | 0.553 | 0.752 | 1052.5 | 0.999 | 14.674 |
| 9/10/2018 16:15 | 348300.001 | 13:12 | 17.637 | 29.913 | 946.449 | 1101.329 | 0.549 | 0.749 | 1056.581 | 0.999 | 14.665 |
| 9/10/2018 16:30 | 349200.001 | 13:11 | 17.638 | 29.893 | 947.791 | 1102.878 | 0.552 | 0.75 | 1055.084 | 0.999 | 14.67 |
| 9/10/2018 16:45 | 350100.001 | 13:11 | 17.638 | 29.903 | 946.517 | 1101.391 | 0.551 | 0.749 | 1056.505 | 0.999 | 14.665 |
| 9/10/2018 17:00 | 351000.001 | 13:11 | 17.638 | 29.897 | 947.294 | 1102.299 | 0.552 | 0.75 | 1055.639 | 0.999 | 14.668 |
| 9/10/2018 17:15 | 351900.001 | 13:12 | 17.637 | 29.905 | 946.899 | 1101.834 | 0.552 | 0.749 | 1056.09 | 0.999 | 14.661 |
| 9/10/2018 17:30 | 352800.001 | 13:11 | 17.638 | 29.903 | 942.679 | 1096.933 | 0.549 | 0.746 | 1060.807 | 0.999 | 14.661 |
| 9/10/2018 17:45 | 353700.001 | 13:12 | 17.638 | 29.912 | 946.548 | 1101.432 | 0.551 | 0.749 | 1056.47 | 0.999 | 14.656 |
| 9/10/2018 18:00 | 354600.001 | 13:12 | 17.637 | 29.907 | 945.997 | 1100.798 | 0.551 | 0.749 | 1057.086 | 0.999 | 14.657 |
| 9/10/2018 18:15 | 355500.001 | 13:12 | 17.638 | 29.904 | 943.334 | 1097.687 | 0.549 | 0.746 | 1060.07 | 0.999 | 14.658 |
| 9/10/2018 18:30 | 356400.001 | 13:11 | 17.637 | 29.895 | 946.224 | 1101.063 | 0.551 | 0.749 | 1056.832 | 0.999 | 14.66 |
| 9/10/2018 18:45 | 357300.001 | 13:11 | 17.637 | 29.9 | 942.296 | 1096.507 | 0.549 | 0.746 | 1061.237 | 0.999 | 14.658 |
| 9/10/2018 19:00 | 358200.001 | 13:11 | 17.638 | 29.898 | 941.4 | 1095.443 | 0.548 | 0.745 | 1062.247 | 0.999 | 14.658 |
| 9/10/2018 19:15 | 359100.001 | 13:11 | 17.637 | 29.897 | 941.455 | 1095.517 | 0.548 | 0.745 | 1062.186 | 0.999 | 14.656 |
| 9/10/2018 19:30 | 360000.001 | 13:11 | 17.638 | 29.901 | 940.606 | 1094.519 | 0.548 | 0.744 | 1063.144 | 0.999 | 14.653 |
| 9/10/2018 19:45 | 360900.001 | 13:11 | 17.637 | 29.899 | 939.551 | 1093.296 | 0.547 | 0.743 | 1064.338 | 0.999 | 14.654 |
| 9/10/2018 20:00 | 361800.001 | 13:10 | 17.637 | 29.88 | 935.906 | 1089.065 | 0.545 | 0.741 | 1068.483 | 0.999 | 14.664 |
| 9/10/2018 20:15 | 362700.001 | 13:11 | 17.637 | 29.883 | 936.72 | 1090.003 | 0.545 | 0.741 | 1067.555 | 0.999 | 14.662 |
| 9/10/2018 20:30 | 363600.001 | 13:10 | 17.637 | 29.876 | 936.909 | 1090.232 | 0.545 | 0.741 | 1067.39 | 0.999 | 14.665 |
| 9/10/2018 20:45 | 364500.001 | 13:11 | 17.638 | 29.888 | 935.707 | 1088.821 | 0.545 | 0.74 | 1068.71 | 0.999 | 14.659 |
| 9/10/2018 21:00 | 365400.001 | 13:11 | 17.637 | 29.896 | 932.861 | 1085.514 | 0.543 | 0.738 | 1071.972 | 0.999 | 14.662 |
| 9/10/2018 21:15 | 366300.001 | 13:10 | 17.637 | 29.865 | 935.305 | 1088.363 | 0.545 | 0.74 | 1069.17 | 0.999 | 14.67 |
| 9/10/2018 21:30 | 367200.001 | 13:10 | 17.637 | 29.873 | 934.592 | 1087.53 | 0.544 | 0.74 | 1069.985 | 0.999 | 14.667 |
| 9/10/2018 21:45 | 368100.001 | 13:11 | 17.637 | 29.881 | 933.933 | 1086.766 | 0.544 | 0.739 | 1070.741 | 0.999 | 14.663 |
| 9/10/2018 22:00 | 369000.001 | 13:10 | 17.637 | 29.869 | 933.683 | 1086.393 | 0.544 | 0.74 | 1071.102 | 0.999 | 14.665 |
| 9/10/2018 22:15 | 369900.001 | 13:10 | 17.637 | 29.879 | 934.607 | 1087.542 | 0.544 | 0.74 | 1069.969 | 0.999 | 14.666 |
| 9/10/2018 22:30 | 370800.001 | 13:10 | 17.637 | 29.863 | 931.897 | 1084.4 | 0.542 | 0.737 | 1073.079 | 0.999 | 14.674 |
| 9/10/2018 22:45 | 371700.001 | 13:10 | 17.637 | 29.867 | 934.023 | 1086.867 | 0.544 | 0.739 | 1070.638 | 0.999 | 14.673 |
| 9/10/2018 23:00 | 372600.001 | 13:10 | 17.637 | 29.868 | 933.36 | 1086.102 | 0.543 | 0.737 | 1071.398 | 0.999 | 14.671 |
| 9/10/2018 23:15 | 373500.001 | 13:10 | 17.637 | 29.872 | 931.522 | 1083.957 | 0.542 | 0.737 | 1073.512 | 0.999 | 14.673 |
| 9/11/2018 0:00 | 374400.001 | 13:1 | 17.637 | 29.86 | 931.481 | 1084.14 | 0.542 | 0.737 | 1073.367 | 0.999 | 14.676 |
| 9/11/2018 0:15 | 375300.001 | 13:10 | 17.637 | 29.863 | 935.666 | 1088.776 | 0.545 | 0.74 | 1068.758 | 0.999 | 14.675 |
| 9/11/2018 0:30 | 376200.001 | 13:10 | 17.637 | 29.87 | 929.672 | 1081.813 | 0.541 | 0.736 | 1075.648 | 0.999 | 14.671 |
| 9/11/2018 0:45 | 377100.001 | 13:10 | 17.637 | 29.873 | 933.716 | 1086.523 | 0.544 | 0.739 | 1070.99 | 0.999 | 14.671 |
| 9/11/2018 1:00 | 378000.001 | 13:1 | 17.637 | 29.86 | 933.309 | 1086.034 | 0.543 | 0.739 | 1071.457 | 0.999 | 14.677 |
| 9/11/2018 1:15 | 378900.001 | 13:10 | 17.637 | 29.875 | 932.816 | 1085.467 | 0.543 | 0.738 | 1072.022 | 0.999 | 14.676 |
| 9/11/2018 1:30 | 379800.001 | 13:11 | 17.637 | 29.882 | 935.808 | 1088.946 | 0.545 | 0.74 | 1068.596 | 0.999 | 14.677 |
| 9/11/2018 1:45 | 380700.001 | 13:10 | 17.638 | 29.874 | 934.628 | 1087.628 | 0.544 | 0.74 | 1069.882 | 0.999 | 14.67 |
| 9/11/2018 1:00 | 381600.001 | 13:10 | 17.637 | 29.869 | 931.742 | 1084.209 | 0.542 | 0.737 | 1073.258 | 0.999 | 14.673 |
| 9/11/2018 1:15 | 382500.001 | 13:10 | 17.637 | 29.863 | | | | | | | |

| | | | | | | | | | | | |
|-----------------|------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 9/12/2018 10:00 | 498600.001 | 13.087 | 17.637 | 29.829 | 935.634 | 1088.748 | 0.545 | 0.74 | 1068.794 | 0.999 | 14.713 |
| 9/12/2018 10:15 | 499500.001 | 13.078 | 17.637 | 29.81 | 938.93 | 1092.584 | 0.547 | 0.743 | 1065.042 | 0.999 | 14.724 |
| 9/12/2018 10:30 | 500400.001 | 13.089 | 17.637 | 29.833 | 938.264 | 1091.815 | 0.546 | 0.742 | 1065.798 | 0.999 | 14.719 |
| 9/12/2018 10:45 | 501300.001 | 13.085 | 17.637 | 29.825 | 939.034 | 1092.708 | 0.547 | 0.743 | 1064.925 | 0.999 | 14.719 |
| 9/12/2018 11:00 | 502200.001 | 13.085 | 17.637 | 29.826 | 940.747 | 1094.747 | 0.548 | 0.744 | 1062.94 | 0.999 | 14.719 |
| 9/12/2018 11:15 | 503100.001 | 13.082 | 17.637 | 29.818 | 940.49 | 1094.396 | 0.548 | 0.744 | 1063.276 | 0.999 | 14.724 |
| 9/12/2018 11:30 | 504000.001 | 13.088 | 17.637 | 29.838 | 940.607 | 1094.522 | 0.548 | 0.744 | 1063.444 | 0.999 | 14.72 |
| 9/12/2018 11:45 | 504900.001 | 13.084 | 17.637 | 29.822 | 943.315 | 1097.687 | 0.549 | 0.746 | 1060.091 | 0.999 | 14.725 |
| 9/12/2018 12:00 | 505800.001 | 13.088 | 17.637 | 29.831 | 941.969 | 1096.122 | 0.549 | 0.745 | 1061.606 | 0.999 | 14.722 |
| 9/12/2018 12:15 | 506700.001 | 13.092 | 17.637 | 29.842 | 945.361 | 1100.069 | 0.551 | 0.748 | 1057.797 | 0.999 | 14.72 |
| 9/12/2018 12:30 | 507600.001 | 13.092 | 17.637 | 29.842 | 941.287 | 1095.324 | 0.548 | 0.745 | 1062.375 | 0.999 | 14.72 |
| 9/12/2018 12:45 | 508500.001 | 13.088 | 17.637 | 29.832 | 943.726 | 1098.164 | 0.55 | 0.747 | 1059.63 | 0.999 | 14.721 |
| 9/12/2018 13:00 | 509400.001 | 13.094 | 17.637 | 29.844 | 946.976 | 1101.942 | 0.551 | 0.749 | 1055.993 | 0.999 | 14.72 |
| 9/12/2018 13:15 | 510300.001 | 13.097 | 17.637 | 29.852 | 944.079 | 1098.571 | 0.55 | 0.747 | 1059.233 | 0.999 | 14.715 |
| 9/12/2018 13:30 | 511200.001 | 13.1 | 17.637 | 29.859 | 945.414 | 1100.137 | 0.551 | 0.748 | 1057.738 | 0.999 | 14.713 |
| 9/12/2018 13:45 | 512100.001 | 13.091 | 17.637 | 29.837 | 946.284 | 1101.139 | 0.551 | 0.749 | 1056.766 | 0.999 | 14.721 |
| 9/12/2018 14:00 | 513000.001 | 13.099 | 17.637 | 29.856 | 947.169 | 1102.178 | 0.552 | 0.749 | 1055.777 | 0.999 | 14.714 |
| 9/12/2018 14:15 | 513900.001 | 13.102 | 17.637 | 29.863 | 945.935 | 1100.731 | 0.551 | 0.748 | 1057.155 | 0.999 | 14.712 |
| 9/12/2018 14:30 | 514800.001 | 13.095 | 17.637 | 29.847 | 949.729 | 1107.299 | 0.549 | 0.746 | 1060.467 | 0.999 | 14.716 |
| 9/12/2018 14:45 | 515700.001 | 13.109 | 17.637 | 29.88 | 944.88 | 1099.498 | 0.55 | 0.748 | 1058.336 | 0.999 | 14.703 |
| 9/12/2018 15:00 | 516600.001 | 13.105 | 17.637 | 29.87 | 948.521 | 1103.751 | 0.553 | 0.751 | 1054.273 | 0.999 | 14.706 |
| 9/12/2018 15:15 | 517500.001 | 13.097 | 17.637 | 29.853 | 943.498 | 1097.897 | 0.549 | 0.747 | 1059.886 | 0.999 | 14.714 |
| 9/12/2018 15:30 | 518400.001 | 13.11 | 17.637 | 29.883 | 941.794 | 1095.912 | 0.548 | 0.745 | 1061.803 | 0.999 | 14.701 |
| 9/12/2018 15:45 | 519300.001 | 13.1 | 17.637 | 29.858 | 943.387 | 1097.779 | 0.549 | 0.746 | 1060.01 | 0.999 | 14.709 |
| 9/12/2018 16:00 | 520200.001 | 13.08 | 17.637 | 29.874 | 943.302 | 1097.971 | 0.549 | 0.746 | 1060.196 | 0.999 | 14.701 |
| 9/12/2018 16:15 | 521100.001 | 13.105 | 17.636 | 29.871 | 946.894 | 1101.865 | 0.552 | 0.749 | 1056.085 | 0.999 | 14.702 |
| 9/12/2018 16:30 | 522000.001 | 13.116 | 17.637 | 29.895 | 947.278 | 1102.309 | 0.552 | 0.75 | 1055.656 | 0.999 | 14.691 |
| 9/12/2018 16:45 | 522900.001 | 13.112 | 17.637 | 29.885 | 944.167 | 1098.668 | 0.55 | 0.747 | 1059.135 | 0.999 | 14.695 |
| 9/12/2018 17:00 | 523800.001 | 13.116 | 17.636 | 29.895 | 946.358 | 1101.24 | 0.551 | 0.749 | 1056.683 | 0.999 | 14.692 |
| 9/12/2018 17:15 | 524700.001 | 13.112 | 17.637 | 29.885 | 945.091 | 1099.764 | 0.55 | 0.748 | 1058.099 | 0.999 | 14.692 |
| 9/12/2018 17:30 | 525600.001 | 13.114 | 17.637 | 29.89 | 943.974 | 1098.454 | 0.55 | 0.747 | 1059.352 | 0.999 | 14.689 |
| 9/12/2018 17:45 | 526500.001 | 13.118 | 17.637 | 29.899 | 939.739 | 1093.531 | 0.547 | 0.744 | 1064.126 | 0.999 | 14.683 |
| 9/12/2018 18:00 | 527400.001 | 13.107 | 17.637 | 29.876 | 940.861 | 1094.829 | 0.548 | 0.744 | 1062.856 | 0.999 | 14.69 |
| 9/12/2018 18:15 | 528300.001 | 13.109 | 17.637 | 29.88 | 944.982 | 1099.633 | 0.55 | 0.748 | 1058.221 | 0.999 | 14.689 |
| 9/12/2018 18:30 | 529200.001 | 13.114 | 17.636 | 29.891 | 943.544 | 1097.965 | 0.55 | 0.747 | 1059.834 | 0.999 | 14.683 |
| 9/12/2018 18:45 | 530100.001 | 13.115 | 17.636 | 29.893 | 943.819 | 1098.286 | 0.55 | 0.747 | 1059.525 | 0.999 | 14.681 |
| 9/12/2018 19:00 | 531000.001 | 13.109 | 17.637 | 29.89 | 941.667 | 1095.531 | 0.548 | 0.745 | 1062.172 | 0.999 | 14.687 |
| 9/12/2018 19:15 | 531900.001 | 13.11 | 17.637 | 29.882 | 941.616 | 1095.719 | 0.548 | 0.745 | 1062.005 | 0.999 | 14.687 |
| 9/12/2018 19:30 | 532800.001 | 13.1 | 17.636 | 29.86 | 936.244 | 1089.47 | 0.545 | 0.741 | 1068.098 | 0.999 | 14.693 |
| 9/12/2018 19:45 | 533700.001 | 13.102 | 17.637 | 29.864 | 936.856 | 1090.172 | 0.545 | 0.741 | 1067.4 | 0.999 | 14.692 |
| 9/12/2018 20:00 | 534600.001 | 13.105 | 17.637 | 29.87 | 939.47 | 1093.214 | 0.547 | 0.743 | 1064.43 | 0.999 | 14.688 |
| 9/12/2018 20:15 | 535500.001 | 13.106 | 17.636 | 29.873 | 936.945 | 1090.287 | 0.546 | 0.741 | 1067.298 | 0.999 | 14.688 |
| 9/12/2018 20:30 | 536400.001 | 13.113 | 17.637 | 29.889 | 935.857 | 1088.988 | 0.545 | 0.741 | 1068.557 | 0.999 | 14.685 |
| 9/12/2018 20:45 | 537300.001 | 13.099 | 17.637 | 29.857 | 937.34 | 1091.783 | 0.546 | 0.742 | 1065.832 | 0.999 | 14.695 |
| 9/12/2018 21:00 | 538200.001 | 13.097 | 17.637 | 29.853 | 935.23 | 1088.285 | 0.544 | 0.741 | 1069.255 | 0.999 | 14.696 |
| 9/12/2018 21:15 | 539100.001 | 13.095 | 17.637 | 29.847 | 937.352 | 1090.751 | 0.546 | 0.742 | 1066.836 | 0.999 | 14.701 |
| 9/12/2018 21:30 | 540000.001 | 13.096 | 17.636 | 29.849 | 937.537 | 1090.976 | 0.546 | 0.742 | 1066.624 | 0.999 | 14.7 |
| 9/12/2018 21:45 | 540900.001 | 13.096 | 17.637 | 29.849 | 937.33 | 1090.731 | 0.546 | 0.742 | 1066.86 | 0.999 | 14.702 |
| 9/12/2018 22:00 | 541800.001 | 13.094 | 17.637 | 29.846 | 935.94 | 1089.111 | 0.545 | 0.741 | 1068.444 | 0.999 | 14.704 |
| 9/12/2018 22:15 | 542700.001 | 13.095 | 17.637 | 29.847 | 935.319 | 1088.39 | 0.545 | 0.74 | 1069.154 | 0.999 | 14.703 |
| 9/12/2018 22:30 | 543600.001 | 13.088 | 17.637 | 29.83 | 939.715 | 1093.504 | 0.547 | 0.744 | 1064.152 | 0.999 | 14.711 |
| 9/12/2018 22:45 | 544500.001 | 13.096 | 17.636 | 29.85 | 935.979 | 1089.172 | 0.545 | 0.741 | 1068.401 | 0.999 | 14.702 |
| 9/12/2018 23:00 | 545400.001 | 13.096 | 17.637 | 29.851 | 931.426 | 1083.854 | 0.542 | 0.737 | 1073.623 | 0.999 | 14.705 |
| 9/12/2018 23:15 | 546300.001 | 13.093 | 17.637 | 29.842 | 933.498 | 1086.271 | 0.543 | 0.739 | 1071.24 | 0.999 | 14.707 |
| 9/12/2018 23:30 | 547200.001 | 13.095 | 17.637 | 29.847 | 935.857 | 1089.014 | 0.545 | 0.741 | 1068.539 | 0.999 | 14.706 |
| 9/12/2018 23:45 | 548100.001 | 13.094 | 17.636 | 29.846 | 933.174 | 1085.902 | 0.543 | 0.738 | 1071.612 | 0.999 | 14.702 |
| 9/13/2018 0:00 | 549000.001 | 13.099 | 17.636 | 29.857 | 933.066 | 1085.781 | 0.543 | 0.738 | 1071.735 | 0.999 | 14.702 |
| 9/13/2018 0:15 | 549900.001 | 13.097 | 17.636 | 29.853 | 933.752 | 1086.573 | 0.544 | 0.739 | 1070.948 | 0.999 | 14.704 |
| 9/13/2018 0:30 | 550800.001 | 13.096 | 17.637 | 29.849 | 933.192 | 1085.915 | 0.543 | 0.738 | 1071.591 | 0.999 | 14.706 |
| 9/13/2018 0:45 | 551700.001 | 13.094 | 17.636 | 29.846 | 935.717 | 1088.859 | 0.545 | 0.74 | 1068.699 | 0.999 | 14.709 |
| 9/13/2018 1:00 | 552600.001 | 13.089 | 17.636 | 29.834 | 933.759 | 1086.583 | 0.543 | 0.739 | 1070.99 | 0.999 | 14.714 |
| 9/13/2018 1:15 | 553500.001 | 13.089 | 17.636 | 29.832 | 932.28 | 1084.971 | 0.543 | 0.738 | 1072.699 | 0.999 | 14.714 |
| 9/13/2018 1:30 | 554400.001 | 13.098 | 17.637 | 29.854 | 935.163 | 1088.21 | 0.544 | 0.74 | 1069.333 | 0.999 | 14.71 |
| 9/13/2018 1:45 | 555300.001 | 13.097 | 17.637 | 29.852 | 931.608 | 1084.068 | 0.542 | 0.737 | 1073.413 | 0.999 | 14.708 |
| 9/13/2018 2:00 | 556200.001 | 13.091 | 17.637 | 29.837 | 930.409 | 1082.679 | 0.542 | 0.736 | 1074.796 | 0.999 | 14.714 |
| 9/13/2018 2:15 | 557100.001 | 13.099 | 17.637 | 29.857 | 931.54 | 1083.99 | 0.542 | 0.737 | 1073.492 | 0.999 | 14.707 |
| 9/13/2018 2:30 | 558000.001 | 13.09 | 17.636 | 29.836 | 930.118 | 1082.349 | 0.541 | 0.736 | 1075.132 | 0.999 | 14.715 |
| 9/13/2018 2:45 | 558900.001 | 13.097 | 17.636 | 29.831 | 931.54 | 1083.395 | 0.541 | 0.736 | 1073.491 | 0.999 | 14.711 |
| 9/13/2018 3:00 | 559800.001 | 13.092 | 17.637 | 29.84 | 933.503 | 1086.277 | 0.543 | 0.739 | 1071.234 | 0.999 | 14.714 |
| 9/13/2018 3:15 | 560700.001 | 13.097 | 17.637 | 29.853 | 929.579 | 1081.708 | 0.541 | 0.736 | 1075.756 | 0.999 | 14.71 |
| 9/13/2018 3:30 | 561600.001 | 13.097 | 17.636 | 29.852 | 930.615 | 1082.925 | 0.542 | 0.736 | 1074.558 | 0.999 | 14.711 |
| 9/13/2018 3:45 | 562500.001 | 13.095 | 17.636 | 29.846 | 930.241 | 1082.489 | 0.541 | 0.736 | 1074.991 | 0.999 | 14.713 |
| 9/13/2018 4:00 | 563400.001 | 13.097 | 17.636 | 29.853 | 930.154 | 1082.388 | 0.541 | 0.736 | 1075.091 | 0.999 | 14.712 |
| 9/13/2018 4:15 | 564300.001 | 13.099 | 17.636 | 29.858 | 929.658 | 1081.339 | 0.541 | 0.735 | 1076.05 | 0.999 | 14.71 |
| 9/13/2018 4:30 | 565200.001 | 13.095 | 17.636 | 29.847 | 928.395 | 1080.337 | 0.54 | 0.735 | 1077.128 | 0.999 | 14.714 |
| 9/13/2018 4:45 | 566100.001 | 13.09 | 17.636 | 29.836 | 926.886 | 1078.585 | 0.539 | 0.733 | 1078.881 | 0.999 | 14.719 |
| 9/13/2018 5:00 | 567000.001 | 13.09 | 17.636 | 29.837 | 925.628 | 1077.122 | 0.539 | 0.732 | 1080.347 | 0.999 | 14.718 |
| 9/13/2018 5:15 | 567900.001 | 13.095 | 17.636 | 29.848 | 926.424 | 1078.05 | 0.539 | 0.733 | 1079.42 | 0.999 | 14.714 |
| 9/13/2018 5:30 | 568800.001 | 13.095 | 17.636 | 29.848 | 926.479 | 1078.111 | 0.539 | 0.733 | 1079.356 | 0.999 | 14.714 |
| 9/13/2018 5:45 | 569700.001 | 13.094 | 17.636 | 29.844 | 927.657 | 1079.489 | 0.54 | 0.734 | 1077.984 | 0.999 | 14.715 |
| 9/13/2018 6:00 | 570600.001 | 13.105 | 17.636 | 29.869 | 925.88 | 1077.413 | 0.539 | 0.733 | 1080.053 | 0.999 | 14.707 |
| 9/13/2018 6:15 | 571500.001 | 13.087 | 17.636 | 29.829 | 925.878 | 1077.409 | 0.539 | 0.733 | 1080.056 | 0.999 | |

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|-----------------|------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|----------|
| 9/14/2018 14:45 | 688500.001 | 13.109 | 17.637 | 29.88 | 941.289 | 1095.339 | 0.548 | 0.745 | 1062.373 | 0.999 | 14.685 |
| 9/14/2018 15:00 | 689400.001 | 13.112 | 17.636 | 29.886 | 937.77 | 1091.254 | 0.546 | 0.742 | 1066.36 | 0.999 | 14.681 |
| 9/14/2018 15:15 | 690300.001 | 13.108 | 17.636 | 29.876 | 940.897 | 1094.889 | 0.548 | 0.745 | 1062.816 | 0.999 | 14.687 |
| 9/14/2018 15:30 | 691200.001 | 13.109 | 17.636 | 29.879 | 941.797 | 1095.932 | 0.548 | 0.745 | 1061.8 | 0.999 | 14.688 |
| 9/14/2018 15:45 | 692100.001 | 13.107 | 17.636 | 29.874 | 936.855 | 1090.192 | 0.545 | 0.741 | 1067.401 | 0.999 | 14.684 |
| 9/14/2018 16:00 | 693000.001 | 13.108 | 17.636 | 29.878 | 937.207 | 1090.591 | 0.546 | 0.742 | 1067 | 0.999 | 14.683 |
| 9/14/2018 16:15 | 693900.001 | 13.109 | 17.636 | 29.881 | 939.601 | 1093.888 | 0.547 | 0.744 | 1065.844 | 0.999 | 14.681 |
| 9/14/2018 16:30 | 694800.001 | 13.11 | 17.636 | 29.883 | 937.863 | 1091.363 | 0.546 | 0.742 | 1066.254 | 0.999 | 14.679 |
| 9/14/2018 16:45 | 695700.001 | 13.108 | 17.636 | 29.877 | 939.488 | 1093.247 | 0.547 | 0.743 | 1064.41 | 0.999 | 14.678 |
| 9/14/2018 17:00 | 696600.001 | 13.112 | 17.636 | 29.887 | 939.592 | 1093.373 | 0.547 | 0.743 | 1064.292 | 0.999 | 14.675 |
| 9/14/2018 17:15 | 697500.001 | 13.106 | 17.636 | 29.873 | 936.857 | 1090.19 | 0.545 | 0.741 | 1067.399 | 0.999 | 14.678 |
| 9/14/2018 17:30 | 698400.001 | 13.112 | 17.636 | 29.887 | 941.853 | 1096.004 | 0.548 | 0.745 | 1061.737 | 0.999 | 14.672 |
| 9/14/2018 17:45 | 699300.001 | 13.109 | 17.636 | 29.879 | 942.645 | 1096.334 | 0.549 | 0.746 | 1060.844 | 0.999 | 14.673 |
| 9/14/2018 18:00 | 700200.001 | 13.113 | 17.636 | 29.888 | 939.787 | 1093.604 | 0.547 | 0.744 | 1064.07 | 0.999 | 14.668 |
| 9/14/2018 18:15 | 701100.001 | 13.113 | 17.636 | 29.888 | 940.21 | 1094.093 | 0.547 | 0.744 | 1063.592 | 0.999 | 14.669 |
| 9/14/2018 18:30 | 702000.001 | 13.103 | 17.636 | 29.866 | 938.144 | 1091.694 | 0.546 | 0.742 | 1065.935 | 0.999 | 14.675 |
| 9/14/2018 18:45 | 702900.001 | 13.121 | 17.636 | 29.906 | 940.349 | 1094.258 | 0.548 | 0.744 | 1063.435 | 0.999 | 14.664 |
| 9/14/2018 19:00 | 703800.001 | 13.118 | 17.636 | 29.899 | 943.873 | 1098.35 | 0.55 | 0.747 | 1059.465 | 0.999 | 14.66 |
| 9/14/2018 19:15 | 704700.001 | 13.114 | 17.636 | 29.902 | 930.372 | 1093.117 | 0.547 | 0.743 | 1064.541 | 0.999 | 14.663 |
| 9/14/2018 19:30 | 705600.001 | 13.112 | 17.636 | 29.887 | 934.285 | 1087.2 | 0.544 | 0.739 | 1070.337 | 0.999 | 14.663 |
| 9/14/2018 19:45 | 706500.001 | 13.12 | 17.636 | 29.905 | 933.901 | 1086.746 | 0.544 | 0.739 | 1070.778 | 0.999 | 14.656 |
| 9/14/2018 20:00 | 707400.001 | 13.119 | 17.636 | 29.903 | 935.46 | 1088.571 | 0.545 | 0.74 | 1068.993 | 0.999 | 14.654 |
| 9/14/2018 20:15 | 708300.001 | 13.122 | 17.636 | 29.909 | 934.255 | 1087.162 | 0.544 | 0.739 | 1070.372 | 0.999 | 14.655 |
| 9/14/2018 20:30 | 709200.001 | 13.12 | 17.636 | 29.905 | 933.474 | 1086.266 | 0.543 | 0.739 | 1071.268 | 0.999 | 14.652 |
| 9/14/2018 20:45 | 710100.001 | 13.117 | 17.636 | 29.898 | 935.566 | 1085.195 | 0.543 | 0.738 | 1072.31 | 0.999 | 14.652 |
| 9/14/2018 21:00 | 711000.001 | 13.11 | 17.636 | 29.881 | 933.29 | 1086.046 | 0.543 | 0.739 | 1071.478 | 0.999 | 14.661 |
| 9/14/2018 21:15 | 711900.001 | 13.106 | 17.636 | 29.873 | 932.162 | 1084.725 | 0.543 | 0.738 | 1072.75 | 0.999 | 14.663 |
| 9/14/2018 21:30 | 712800.001 | 13.112 | 17.636 | 29.887 | 931.636 | 1084.108 | 0.542 | 0.737 | 1073.381 | 0.999 | 14.658 |
| 9/14/2018 21:45 | 713700.001 | 13.107 | 17.637 | 29.875 | 930.459 | 1082.733 | 0.542 | 0.736 | 1074.738 | 0.999 | 14.662 |
| 9/14/2018 22:00 | 714600.001 | 13.106 | 17.636 | 29.874 | 930.281 | 1082.54 | 0.541 | 0.736 | 1074.944 | 0.999 | 14.663 |
| 9/14/2018 22:15 | 715500.001 | 13.111 | 17.636 | 29.882 | 931.183 | 1083.59 | 0.542 | 0.737 | 1073.803 | 0.999 | 14.66 |
| 9/14/2018 22:30 | 716400.001 | 13.105 | 17.636 | 29.871 | 929.642 | 1081.803 | 0.541 | 0.736 | 1075.682 | 0.999 | 14.665 |
| 9/14/2018 22:45 | 717300.001 | 13.1 | 17.636 | 29.859 | 929.129 | 1081.205 | 0.541 | 0.735 | 1076.277 | 0.999 | 14.668 |
| 9/14/2018 23:00 | 718200.001 | 13.1 | 17.637 | 29.858 | 930.796 | 1083.127 | 0.542 | 0.737 | 1074.349 | 0.999 | 14.67 |
| 9/14/2018 23:15 | 719100.001 | 13.096 | 17.636 | 29.85 | 929.076 | 1081.136 | 0.541 | 0.735 | 1076.388 | 0.999 | 14.674 |
| 9/14/2018 23:30 | 720000.001 | 13.096 | 17.636 | 29.849 | 933.265 | 1086.008 | 0.543 | 0.738 | 1071.507 | 0.999 | 14.674 |
| 9/14/2018 23:45 | 720900.001 | 13.1 | 17.636 | 29.852 | 932.68 | 1085.495 | 0.542 | 0.736 | 1074.589 | 0.999 | 14.671 |
| 9/15/2018 00:00 | 721800.001 | 13.101 | 17.636 | 29.861 | 931.159 | 1083.575 | 0.542 | 0.737 | 1073.93 | 0.999 | 14.67 |
| 9/15/2018 01:15 | 722700.001 | 13.099 | 17.636 | 29.857 | 928.269 | 1080.201 | 0.54 | 0.735 | 1077.274 | 0.999 | 14.672 |
| 9/15/2018 03:00 | 723600.001 | 13.103 | 17.636 | 29.865 | 930.347 | 1082.617 | 0.542 | 0.736 | 1074.867 | 0.999 | 14.668 |
| 9/15/2018 04:45 | 724500.001 | 13.104 | 17.636 | 29.868 | 928.898 | 1080.933 | 0.541 | 0.735 | 1076.545 | 0.999 | 14.667 |
| 9/15/2018 1:00 | 725400.001 | 13.104 | 17.636 | 29.867 | 930.641 | 1082.971 | 0.542 | 0.736 | 1074.528 | 0.999 | 14.669 |
| 9/15/2018 1:15 | 726300.001 | 13.102 | 17.636 | 29.864 | 929.431 | 1081.558 | 0.541 | 0.735 | 1075.927 | 0.999 | 14.67 |
| 9/15/2018 1:30 | 727200.001 | 13.101 | 17.636 | 29.861 | 929.429 | 1081.561 | 0.541 | 0.735 | 1075.929 | 0.999 | 14.672 |
| 9/15/2018 1:45 | 728100.001 | 13.095 | 17.636 | 29.849 | 929.081 | 1081.154 | 0.541 | 0.735 | 1076.333 | 0.999 | 14.677 |
| 9/15/2018 2:00 | 729000.001 | 13.097 | 17.636 | 29.853 | 931.078 | 1083.467 | 0.542 | 0.737 | 1074.024 | 0.999 | 14.676 |
| 9/15/2018 2:15 | 729900.001 | 13.107 | 17.635 | 29.875 | 929.394 | 1081.527 | 0.541 | 0.735 | 1075.97 | 0.999 | 14.672 |
| 9/15/2018 2:30 | 730800.001 | 13.099 | 17.636 | 29.857 | 928.698 | 1080.707 | 0.541 | 0.735 | 1076.776 | 0.999 | 14.674 |
| 9/15/2018 2:45 | 731700.001 | 13.114 | 17.636 | 29.869 | 929.841 | 1082.033 | 0.541 | 0.736 | 1075.452 | 0.999 | 14.668 |
| 9/15/2018 3:00 | 732600.001 | 13.1 | 17.636 | 29.859 | 929.859 | 1082.059 | 0.541 | 0.736 | 1075.432 | 0.999 | 14.673 |
| 9/15/2018 3:15 | 733500.001 | 13.103 | 17.636 | 29.866 | 927.461 | 1079.274 | 0.54 | 0.734 | 1078.212 | 0.999 | 14.671 |
| 9/15/2018 3:30 | 734400.001 | 13.098 | 17.636 | 29.855 | 928.665 | 1080.67 | 0.54 | 0.735 | 1076.815 | 0.999 | 14.676 |
| 9/15/2018 3:45 | 735300.001 | 13.104 | 17.636 | 29.868 | 931.052 | 1083.444 | 0.542 | 0.737 | 1074.054 | 0.999 | 14.669 |
| 9/15/2018 4:00 | 736200.001 | 13.091 | 17.636 | 29.837 | 929.97 | 1082.189 | 0.541 | 0.736 | 1075.303 | 0.999 | 14.682 |
| 9/15/2018 4:15 | 737100.001 | 13.1 | 17.636 | 29.858 | 929.039 | 1081.106 | 0.541 | 0.735 | 1076.381 | 0.999 | 14.676 |
| 9/15/2018 4:30 | 738000.001 | 13.096 | 17.636 | 29.849 | 926.259 | 1077.866 | 0.539 | 0.733 | 1079.611 | 0.999 | 14.68 |
| 9/15/2018 4:45 | 738900.001 | 13.094 | 17.636 | 29.845 | 929.39 | 1081.51 | 0.541 | 0.735 | 1075.975 | 0.999 | 14.681 |
| 9/15/2018 5:00 | 739800.001 | 13.092 | 17.636 | 29.841 | 927.915 | 1079.791 | 0.54 | 0.734 | 1077.685 | 0.999 | 14.684 |
| 9/15/2018 5:15 | 740700.001 | 13.092 | 17.636 | 29.84 | 927.342 | 1079.129 | 0.54 | 0.734 | 1078.85 | 0.999 | 14.685 |
| 9/15/2018 5:30 | 741600.001 | 13.09 | 17.636 | 29.835 | 927.776 | 1078.468 | 0.539 | 0.733 | 1079.009 | 0.999 | 14.686 |
| 9/15/2018 5:45 | 742500.001 | 13.095 | 17.636 | 29.847 | 928.495 | 1080.47 | 0.54 | 0.735 | 1077.012 | 0.999 | 14.684 |
| 9/15/2018 6:00 | 743400.001 | 13.093 | 17.636 | 29.843 | 926.714 | 1078.002 | 0.539 | 0.733 | 1079.082 | 0.999 | 14.686 |
| 9/15/2018 6:15 | 744300.001 | 13.09 | 17.636 | 29.836 | 928.764 | 1080.774 | 0.541 | 0.735 | 1076.699 | 0.999 | 14.69 |
| 9/15/2018 6:30 | 745200.001 | 13.095 | 17.635 | 29.848 | 927.427 | 1079.238 | 0.54 | 0.734 | 1078.252 | 0.999 | 14.685 |
| 9/15/2018 6:45 | 746100.001 | 13.087 | 17.636 | 29.829 | 924.976 | 1076.378 | 0.538 | 0.732 | 1081.109 | 0.999 | 14.694 |
| 9/15/2018 7:00 | 747000.001 | 13.087 | 17.636 | 29.829 | 925.782 | 1077.307 | 0.539 | 0.733 | 1080.168 | 0.999 | 14.696 |
| 9/15/2018 7:15 | 747900.001 | 13.083 | 17.636 | 29.82 | 923.83 | 1075.042 | 0.538 | 0.731 | 1082.45 | 0.999 | 14.701 |
| 9/15/2018 7:30 | 748800.001 | 13.08 | 17.636 | 29.819 | 922.589 | 1073.591 | 0.537 | 0.73 | 1083.807 | 0.999 | 14.704 |
| 9/15/2018 7:45 | 749700.001 | 13.077 | 17.635 | 29.806 | 924.143 | 1075.419 | 0.538 | 0.731 | 1082.083 | 0.999 | 14.708 |
| 9/15/2018 8:00 | 750600.001 | 13.078 | 17.636 | 29.808 | 925.064 | 1076.468 | 0.538 | 0.732 | 1081.006 | 0.999 | 14.71 |
| 9/15/2018 8:15 | 751500.001 | 13.078 | 17.636 | 29.808 | 923.231 | 1074.346 | 0.537 | 0.731 | 1083.153 | 0.999 | 14.711 |
| 9/15/2018 8:30 | 752400.001 | 13.076 | 17.636 | 29.804 | 925.214 | 1076.653 | 0.539 | 0.732 | 1080.831 | 0.999 | 14.716 |
| 9/15/2018 8:45 | 753300.001 | 13.079 | 17.636 | 29.811 | 926.276 | 1077.89 | 0.541 | 0.733 | 1079.592 | 0.999 | 14.713 |
| 9/15/2018 9:00 | 754200.001 | 13.076 | 17.636 | 29.804 | 929.47 | 1081.607 | 0.541 | 0.735 | 1075.882 | 0.999 | 14.718 |
| 9/15/2018 9:15 | 755100.001 | 13.09 | 17.636 | 29.837 | 931.688 | 1084.173 | 0.542 | 0.737 | 1073.321 | 0.999 | 14.715 |
| 9/15/2018 9:30 | 756000.001 | 13.082 | 17.636 | 29.818 | 931.996 | 1084.527 | 0.543 | 0.737 | 1072.966 | 0.999 | 14.715 |
| 9/15/2018 9:45 | 756900.001 | 13.081 | 17.636 | 29.816 | 934.058 | 1086.943 | 0.544 | 0.739 | 1070.598 | 0.999 | 14.717 |
| 9/15/2018 10:00 | 757800.001 | 13.079 | 17.636 | 29.81 | 937.893 | 1091.406 | 0.546 | 0.742 | 1066.22 | 0.999 | 14.722 |
| 9/15/2018 10:15 | 758700.001 | 13.072 | 17.636 | 29.795 | 936.103 | 1089.315 | 0.545 | 0.741 | 1068.258 | 0.999 | 14.73 |
| 9/15/2018 10:30 | 759600.001 | 13.085 | 17.636 | 29.824 | 937.879 | 1091.386 | 0.546 | 0.742 | 1066.235 | 0.999 | 14.719 |
| 9/15/2018 10:45 | 760500.001 | 13.082 | 17.636 | 29.819 | 938.171 | 1091.726 | 0.546 | 0.742 | 1065.901 | 0.999 | 14.723 |
| 9/15/2018 11:00 | 761400.001 | 13.085 | 17.636 | 29.824 | 937.388 | 1090.819 | 0.546 | 0.742 | 1066.794 | 0.999 | 14.725</ |

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|-----------------|------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 9/16/2018 19:30 | 878400.001 | 13.097 | 17.635 | 29.852 | 929.843 | 1082.049 | 0.541 | 0.736 | 1075.451 | 0.999 | 14.709 |
| 9/16/2018 19:45 | 879300.001 | 13.098 | 17.635 | 29.853 | 929.337 | 1081.467 | 0.541 | 0.735 | 1076.036 | 0.999 | 14.701 |
| 9/16/2018 20:00 | 880200.001 | 13.099 | 17.635 | 29.856 | 927.421 | 1079.233 | 0.54 | 0.734 | 1078.259 | 0.999 | 14.705 |
| 9/16/2018 20:15 | 881100.001 | 13.099 | 17.635 | 29.856 | 926.02 | 1077.603 | 0.539 | 0.733 | 1079.89 | 0.999 | 14.705 |
| 9/16/2018 20:30 | 882000.001 | 13.098 | 17.635 | 29.853 | 927.719 | 1079.582 | 0.54 | 0.734 | 1077.913 | 0.999 | 14.707 |
| 9/16/2018 20:45 | 882900.001 | 13.096 | 17.636 | 29.85 | 926.191 | 1077.794 | 0.539 | 0.733 | 1079.69 | 0.999 | 14.707 |
| 9/16/2018 21:00 | 883800.001 | 13.097 | 17.635 | 29.851 | 925.76 | 1076.969 | 0.539 | 0.733 | 1080.525 | 0.999 | 14.707 |
| 9/16/2018 21:15 | 884700.001 | 13.097 | 17.635 | 29.853 | 925.766 | 1077.318 | 0.539 | 0.733 | 1080.186 | 0.999 | 14.708 |
| 9/16/2018 21:30 | 885600.001 | 13.097 | 17.636 | 29.853 | 926.258 | 1077.871 | 0.539 | 0.733 | 1079.613 | 0.999 | 14.707 |
| 9/16/2018 21:45 | 886500.001 | 13.092 | 17.635 | 29.841 | 926.096 | 1077.692 | 0.539 | 0.733 | 1079.801 | 0.999 | 14.712 |
| 9/16/2018 22:00 | 887400.001 | 13.094 | 17.635 | 29.844 | 927.979 | 1079.878 | 0.54 | 0.734 | 1077.611 | 0.999 | 14.711 |
| 9/16/2018 22:15 | 888300.001 | 13.098 | 17.635 | 29.854 | 926.898 | 1078.62 | 0.539 | 0.733 | 1078.868 | 0.999 | 14.711 |
| 9/16/2018 22:30 | 889200.001 | 13.095 | 17.635 | 29.849 | 925.285 | 1077.712 | 0.539 | 0.733 | 1079.586 | 0.999 | 14.709 |
| 9/16/2018 22:45 | 890100.001 | 13.087 | 17.635 | 29.829 | 925.642 | 1077.159 | 0.539 | 0.732 | 1080.331 | 0.999 | 14.717 |
| 9/16/2018 23:00 | 891000.001 | 13.092 | 17.635 | 29.84 | 924.256 | 1075.556 | 0.538 | 0.731 | 1081.951 | 0.999 | 14.712 |
| 9/16/2018 23:15 | 891900.001 | 13.094 | 17.635 | 29.845 | 925.52 | 1077.029 | 0.539 | 0.732 | 1080.474 | 0.999 | 14.709 |
| 9/16/2018 23:30 | 892800.001 | 13.095 | 17.635 | 29.847 | 924.676 | 1076.041 | 0.538 | 0.732 | 1081.46 | 0.999 | 14.713 |
| 9/16/2018 23:45 | 893700.001 | 13.088 | 17.635 | 29.833 | 926.908 | 1078.634 | 0.539 | 0.733 | 1078.856 | 0.999 | 14.717 |
| 9/17/2018 0:00 | 894600.001 | 13.094 | 17.635 | 29.843 | 924.944 | 1076.347 | 0.538 | 0.732 | 1082.151 | 0.999 | 14.713 |
| 9/17/2018 0:15 | 895500.001 | 13.089 | 17.635 | 29.833 | 923.649 | 1074.852 | 0.537 | 0.731 | 1082.662 | 0.999 | 14.717 |
| 9/17/2018 0:30 | 896400.001 | 13.091 | 17.636 | 29.839 | 924.386 | 1075.695 | 0.538 | 0.731 | 1081.799 | 0.999 | 14.716 |
| 9/17/2018 0:45 | 897300.001 | 13.087 | 17.635 | 29.83 | 922.891 | 1073.964 | 0.537 | 0.73 | 1083.552 | 0.999 | 14.716 |
| 9/17/2018 1:00 | 898200.001 | 13.086 | 17.635 | 29.826 | 923.876 | 1075.115 | 0.538 | 0.731 | 1082.396 | 0.999 | 14.721 |
| 9/17/2018 1:15 | 899100.001 | 13.083 | 17.635 | 29.821 | 923.543 | 1074.722 | 0.537 | 0.731 | 1082.787 | 0.999 | 14.724 |
| 9/17/2018 1:30 | 899000.001 | 13.086 | 17.634 | 29.832 | 922.466 | 1073.488 | 0.537 | 0.73 | 1084.251 | 0.999 | 14.719 |
| 9/17/2018 1:45 | 900900.001 | 13.088 | 17.635 | 29.833 | 922.714 | 1073.768 | 0.537 | 0.731 | 1083.76 | 0.999 | 14.719 |
| 9/17/2018 2:00 | 901800.001 | 13.09 | 17.635 | 29.836 | 922.447 | 1073.453 | 0.537 | 0.73 | 1084.073 | 0.999 | 14.719 |
| 9/17/2018 2:15 | 902700.001 | 13.089 | 17.635 | 29.834 | 924.958 | 1076.367 | 0.538 | 0.732 | 1081.13 | 0.999 | 14.718 |
| 9/17/2018 2:30 | 903600.001 | 13.091 | 17.635 | 29.837 | 923.675 | 1074.869 | 0.537 | 0.731 | 1082.632 | 0.999 | 14.718 |
| 9/17/2018 2:45 | 904500.001 | 13.099 | 17.635 | 29.856 | 922.69 | 1073.732 | 0.537 | 0.73 | 1083.788 | 0.999 | 14.715 |
| 9/17/2018 3:00 | 905400.001 | 13.092 | 17.635 | 29.841 | 922.478 | 1073.46 | 0.537 | 0.74 | 1084.706 | 0.999 | 14.716 |
| 9/17/2018 3:15 | 906300.001 | 13.094 | 17.635 | 29.845 | 921.108 | 1071.891 | 0.536 | 0.729 | 1085.649 | 0.999 | 14.714 |
| 9/17/2018 3:30 | 907200.001 | 13.094 | 17.635 | 29.845 | 920.985 | 1071.758 | 0.536 | 0.729 | 1085.794 | 0.999 | 14.715 |
| 9/17/2018 3:45 | 908100.001 | 13.095 | 17.635 | 29.849 | 921.335 | 1072.151 | 0.536 | 0.729 | 1085.381 | 0.999 | 14.712 |
| 9/17/2018 4:00 | 909000.001 | 13.1 | 17.635 | 29.859 | 920.226 | 1070.864 | 0.535 | 0.728 | 1086.69 | 0.999 | 14.708 |
| 9/17/2018 4:15 | 909900.001 | 13.095 | 17.635 | 29.847 | 920.544 | 1071.243 | 0.536 | 0.728 | 1086.315 | 0.999 | 14.713 |
| 9/17/2018 4:30 | 910800.001 | 13.101 | 17.635 | 29.862 | 917.267 | 1072.867 | 0.536 | 0.729 | 1085.475 | 0.999 | 14.705 |
| 9/17/2018 4:45 | 911700.001 | 13.097 | 17.635 | 29.852 | 920.28 | 1070.934 | 0.535 | 0.728 | 1086.625 | 0.999 | 14.708 |
| 9/17/2018 5:00 | 912600.001 | 13.09 | 17.635 | 29.835 | 920.347 | 1071.01 | 0.535 | 0.728 | 1086.546 | 0.999 | 14.716 |
| 9/17/2018 5:15 | 913500.001 | 13.09 | 17.635 | 29.837 | 920.69 | 1071.411 | 0.536 | 0.729 | 1086.141 | 0.999 | 14.714 |
| 9/17/2018 5:30 | 914400.001 | 13.093 | 17.635 | 29.842 | 920.814 | 1071.558 | 0.536 | 0.729 | 1085.995 | 0.999 | 14.712 |
| 9/17/2018 5:45 | 915300.001 | 13.094 | 17.635 | 29.844 | 919.626 | 1070.167 | 0.535 | 0.728 | 1087.398 | 0.999 | 14.711 |
| 9/17/2018 6:00 | 916200.001 | 13.094 | 17.635 | 29.845 | 919.048 | 1069.5 | 0.535 | 0.727 | 1088.083 | 0.999 | 14.711 |
| 9/17/2018 6:15 | 917100.001 | 13.093 | 17.635 | 29.843 | 919.708 | 1070.266 | 0.535 | 0.728 | 1087.302 | 0.999 | 14.713 |
| 9/17/2018 6:30 | 918000.001 | 13.092 | 17.635 | 29.84 | 920.066 | 1070.672 | 0.535 | 0.728 | 1086.879 | 0.999 | 14.713 |
| 9/17/2018 6:45 | 918900.001 | 13.089 | 17.635 | 29.835 | 920.891 | 1071.649 | 0.536 | 0.729 | 1085.905 | 0.999 | 14.714 |
| 9/17/2018 7:00 | 919800.001 | 13.091 | 17.634 | 29.838 | 923.559 | 1074.762 | 0.537 | 0.731 | 1082.767 | 0.999 | 14.714 |
| 9/17/2018 7:15 | 920700.001 | 13.089 | 17.635 | 29.835 | 922.822 | 1073.88 | 0.537 | 0.73 | 1083.632 | 0.999 | 14.717 |
| 9/17/2018 7:30 | 921600.001 | 13.091 | 17.635 | 29.838 | 921.08 | 1071.87 | 0.536 | 0.729 | 1085.683 | 0.999 | 14.717 |
| 9/17/2018 7:45 | 922500.001 | 13.089 | 17.635 | 29.834 | 919.814 | 1070.39 | 0.535 | 0.728 | 1087.176 | 0.999 | 14.719 |
| 9/17/2018 8:00 | 923400.001 | 13.087 | 17.635 | 29.828 | 917.631 | 1067.853 | 0.534 | 0.726 | 1089.763 | 0.999 | 14.721 |
| 9/17/2018 8:15 | 924300.001 | 13.084 | 17.635 | 29.822 | 917.746 | 1067.98 | 0.534 | 0.726 | 1089.626 | 0.999 | 14.725 |
| 9/17/2018 8:30 | 925200.001 | 13.081 | 17.635 | 29.817 | 917.91 | 1068.178 | 0.534 | 0.726 | 1089.432 | 0.999 | 14.729 |
| 9/17/2018 8:45 | 926100.001 | 13.081 | 17.635 | 29.816 | 919.544 | 1070.068 | 0.535 | 0.728 | 1087.496 | 0.999 | 14.729 |
| 9/17/2018 9:00 | 927000.001 | 13.079 | 17.635 | 29.812 | 919.853 | 1070.435 | 0.535 | 0.728 | 1087.13 | 0.999 | 14.73 |
| 9/17/2018 9:15 | 927900.001 | 13.082 | 17.635 | 29.817 | 922.546 | 1073.566 | 0.537 | 0.73 | 1083.957 | 0.999 | 14.728 |
| 9/17/2018 9:30 | 928800.001 | 13.08 | 17.635 | 29.814 | 922.811 | 1073.875 | 0.537 | 0.73 | 1083.645 | 0.999 | 14.73 |
| 9/17/2018 9:45 | 929700.001 | 13.076 | 17.635 | 29.805 | 923.201 | 1074.329 | 0.537 | 0.731 | 1083.187 | 0.999 | 14.736 |
| 9/17/2018 10:00 | 930600.001 | 13.082 | 17.635 | 29.817 | 924.405 | 1075.733 | 0.538 | 0.731 | 1081.777 | 0.999 | 14.732 |
| 9/17/2018 10:15 | 931500.001 | 13.083 | 17.635 | 29.821 | 927.167 | 1078.941 | 0.54 | 0.732 | 1078.555 | 0.999 | 14.732 |
| 9/17/2018 10:30 | 932400.001 | 13.081 | 17.635 | 29.815 | 925.348 | 1076.827 | 0.538 | 0.734 | 1080.674 | 0.999 | 14.734 |
| 9/17/2018 10:45 | 933300.001 | 13.082 | 17.635 | 29.817 | 923.566 | 1075.566 | 0.537 | 0.73 | 1077.242 | 0.999 | 14.74 |
| 9/17/2018 11:00 | 934200.001 | 13.078 | 17.636 | 29.809 | 928.413 | 1080.381 | 0.54 | 0.735 | 1077.107 | 0.999 | 14.737 |
| 9/17/2018 11:15 | 935100.001 | 13.084 | 17.635 | 29.823 | 932.745 | 1085.431 | 0.543 | 0.738 | 1072.104 | 0.999 | 14.732 |
| 9/17/2018 11:30 | 936000.001 | 13.083 | 17.635 | 29.82 | 931.975 | 1084.535 | 0.543 | 0.737 | 1072.99 | 0.999 | 14.732 |
| 9/17/2018 11:45 | 936900.001 | 13.091 | 17.635 | 29.839 | 934.894 | 1087.925 | 0.544 | 0.74 | 1069.641 | 0.999 | 14.732 |
| 9/17/2018 12:00 | 937800.001 | 13.087 | 17.636 | 29.829 | 936.134 | 1089.367 | 0.545 | 0.741 | 1068.223 | 0.999 | 14.733 |
| 9/17/2018 12:15 | 938700.001 | 13.084 | 17.635 | 29.824 | 934.674 | 1087.655 | 0.544 | 0.74 | 1069.891 | 0.999 | 14.734 |
| 9/17/2018 12:30 | 939600.001 | 13.085 | 17.636 | 29.825 | 934.243 | 1087.164 | 0.544 | 0.739 | 1070.385 | 0.999 | 14.73 |
| 9/17/2018 12:45 | 940500.001 | 13.087 | 17.635 | 29.83 | 936.983 | 1090.359 | 0.546 | 0.741 | 1067.255 | 0.999 | 14.731 |
| 9/17/2018 13:00 | 941400.001 | 13.091 | 17.635 | 29.837 | 937.005 | 1090.381 | 0.546 | 0.741 | 1067.23 | 0.999 | 14.729 |
| 9/17/2018 13:15 | 942300.001 | 13.092 | 17.635 | 29.842 | 931.926 | 1084.478 | 0.542 | 0.74 | 1073.046 | 0.999 | 14.726 |
| 9/17/2018 13:30 | 943200.001 | 13.09 | 17.635 | 29.836 | 938.289 | 1091.88 | 0.546 | 0.742 | 1065.77 | 0.999 | 14.728 |
| 9/17/2018 13:45 | 944100.001 | 13.096 | 17.635 | 29.85 | 937.995 | 1091.995 | 0.546 | 0.743 | 1065.65 | 0.999 | 14.727 |
| 9/17/2018 14:00 | 945000.001 | 13.093 | 17.635 | 29.843 | 937.298 | 1090.727 | 0.546 | 0.742 | 1066.897 | 0.999 | 14.725 |
| 9/17/2018 14:15 | 945900.001 | 13.093 | 17.635 | 29.842 | 938.77 | 1092.443 | 0.547 | 0.743 | 1065.223 | 0.999 | 14.725 |
| 9/17/2018 14:30 | 946800.001 | 13.096 | 17.635 | 29.849 | 937.054 | 1090.45 | 0.546 | 0.742 | 1067.174 | 0.999 | 14.721 |
| 9/17/2018 14:45 | 947700.001 | 13.096 | 17.635 | 29.849 | 935.065 | 1088.133 | 0.544 | 0.74 | 1069.444 | 0.999 | 14.719 |
| 9/17/2018 15:00 | 948600.001 | 13.099 | 17.635 | 29.857 | 941.247 | 1095.318 | 0.548 | 0.745 | 1062.421 | 0.999 | 14.717 |
| 9/17/2018 15:15 | 949500.001 | 13.1 | 17.635 | 29.858 | 936.329 | 1089.402 | 0.545 | 0.741 | 1068 | 0.999 | 14.714 |
| 9/17/2018 15:30 | 950400.001 | 13.102 | 17.635 | 29.864 | 939.531 | 1093.328 | 0.547 | 0.743 | 1064.36 | 0.999 | 14.712 |
| 9/17/2018 15:45 | 951300.001 | 13.1 | 17.635 | 29.858 | 937.942 | 1091.474 | 0.546 | 0.742 | 1066.164 | 0.999 | 14.713 |

| | | | | | | | | | | | |
|-----------------|-------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 9/19/2018 0:15 | 1068300.001 | 13.096 | 17.635 | 29.851 | 934.117 | 1075.406 | 0.538 | 0.731 | 1082.114 | 0.999 | 14.687 |
| 9/19/2018 0:30 | 1069200.001 | 13.096 | 17.635 | 29.85 | 924.938 | 1076.361 | 0.538 | 0.732 | 1081.153 | 0.999 | 14.688 |
| 9/19/2018 0:45 | 1070100.001 | 13.094 | 17.634 | 29.845 | 924.508 | 1075.862 | 0.538 | 0.732 | 1081.656 | 0.999 | 14.689 |
| 9/19/2018 1:00 | 1071000.001 | 13.098 | 17.635 | 29.854 | 924.498 | 1075.847 | 0.538 | 0.732 | 1081.688 | 0.999 | 14.686 |
| 9/19/2018 1:15 | 1071900.001 | 13.094 | 17.634 | 29.845 | 924.435 | 1075.786 | 0.538 | 0.732 | 1081.741 | 0.999 | 14.689 |
| 9/19/2018 1:30 | 1072800.001 | 13.097 | 17.634 | 29.851 | 926.298 | 1077.946 | 0.539 | 0.733 | 1079.566 | 0.999 | 14.685 |
| 9/19/2018 1:45 | 1073700.001 | 13.094 | 17.635 | 29.846 | 925.106 | 1077.254 | 0.539 | 0.733 | 1080.257 | 0.999 | 14.688 |
| 9/19/2018 2:00 | 1074600.001 | 13.092 | 17.634 | 29.841 | 925.326 | 1076.816 | 0.538 | 0.732 | 1080.7 | 0.999 | 14.69 |
| 9/19/2018 2:15 | 1075500.001 | 13.089 | 17.635 | 29.833 | 923.982 | 1075.231 | 0.538 | 0.731 | 1082.272 | 0.999 | 14.692 |
| 9/19/2018 2:30 | 1076400.001 | 13.094 | 17.635 | 29.846 | 925.423 | 1076.925 | 0.539 | 0.732 | 1080.586 | 0.999 | 14.689 |
| 9/19/2018 2:45 | 1077300.001 | 13.095 | 17.634 | 29.848 | 924.878 | 1076.292 | 0.538 | 0.732 | 1081.224 | 0.999 | 14.688 |
| 9/19/2018 3:00 | 1078200.001 | 13.09 | 17.635 | 29.837 | 925.737 | 1077.29 | 0.539 | 0.733 | 1080.221 | 0.999 | 14.69 |
| 9/19/2018 3:15 | 1079100.001 | 13.096 | 17.635 | 29.819 | 923.488 | 1077.312 | 0.539 | 0.733 | 1080.195 | 0.999 | 14.686 |
| 9/19/2018 3:30 | 1080000.001 | 13.089 | 17.635 | 29.833 | 924.887 | 1076.293 | 0.538 | 0.732 | 1081.213 | 0.999 | 14.692 |
| 9/19/2018 3:45 | 1080900.001 | 13.095 | 17.635 | 29.847 | 927.262 | 1079.065 | 0.54 | 0.734 | 1078.444 | 0.999 | 14.688 |
| 9/19/2018 4:00 | 1081800.001 | 13.1 | 17.635 | 29.859 | 926.297 | 1077.939 | 0.539 | 0.733 | 1079.568 | 0.999 | 14.683 |
| 9/19/2018 4:15 | 1082700.001 | 13.1 | 17.634 | 29.858 | 925.479 | 1077 | 0.539 | 0.732 | 1080.522 | 0.999 | 14.68 |
| 9/19/2018 4:30 | 1083600.001 | 13.097 | 17.635 | 29.852 | 925.072 | 1076.512 | 0.538 | 0.732 | 1080.997 | 0.999 | 14.685 |
| 9/19/2018 4:45 | 1084500.001 | 13.095 | 17.635 | 29.846 | 923.208 | 1074.348 | 0.539 | 0.731 | 1083.139 | 0.999 | 14.685 |
| 9/19/2018 5:00 | 1085400.001 | 13.097 | 17.635 | 29.853 | 925.091 | 1076.535 | 0.538 | 0.732 | 1080.975 | 0.999 | 14.684 |
| 9/19/2018 5:15 | 1086300.001 | 13.091 | 17.635 | 29.838 | 924.3 | 1075.614 | 0.538 | 0.731 | 1081.9 | 0.999 | 14.69 |
| 9/19/2018 5:30 | 1087200.001 | 13.096 | 17.635 | 29.85 | 925.967 | 1077.551 | 0.539 | 0.733 | 1079.953 | 0.999 | 14.683 |
| 9/19/2018 5:45 | 1088100.001 | 13.096 | 17.635 | 29.851 | 926.496 | 1078.174 | 0.539 | 0.733 | 1079.335 | 0.999 | 14.684 |
| 9/19/2018 6:00 | 1089000.001 | 13.093 | 17.634 | 29.843 | 927.395 | 1079.221 | 0.54 | 0.734 | 1078.289 | 0.999 | 14.688 |
| 9/19/2018 6:15 | 1089900.001 | 13.094 | 17.635 | 29.845 | 926.177 | 1077.802 | 0.539 | 0.733 | 1079.708 | 0.999 | 14.687 |
| 9/19/2018 6:30 | 1090800.001 | 13.091 | 17.635 | 29.839 | 926.43 | 1078.087 | 0.539 | 0.733 | 1079.412 | 0.999 | 14.688 |
| 9/19/2018 6:45 | 1091700.001 | 13.092 | 17.635 | 29.842 | 926.136 | 1077.751 | 0.539 | 0.733 | 1079.755 | 0.999 | 14.689 |
| 9/19/2018 7:00 | 1092600.001 | 13.085 | 17.635 | 29.825 | 925.525 | 1077.044 | 0.539 | 0.732 | 1080.468 | 0.999 | 14.696 |
| 9/19/2018 7:15 | 1093500.001 | 13.085 | 17.635 | 29.825 | 923.638 | 1074.847 | 0.537 | 0.731 | 1082.676 | 0.999 | 14.695 |
| 9/19/2018 7:30 | 1094400.001 | 13.088 | 17.635 | 29.831 | 921.588 | 1072.461 | 0.536 | 0.729 | 1085.084 | 0.999 | 14.694 |
| 9/19/2018 7:45 | 1095300.001 | 13.082 | 17.634 | 29.819 | 923.488 | 1074.654 | 0.537 | 0.731 | 1082.91 | 0.999 | 14.697 |
| 9/19/2018 8:00 | 1096200.001 | 13.088 | 17.635 | 29.832 | 922.269 | 1073.251 | 0.537 | 0.73 | 1084.282 | 0.999 | 14.694 |
| 9/19/2018 8:15 | 1097100.001 | 13.084 | 17.635 | 29.823 | 925.08 | 1076.518 | 0.538 | 0.732 | 1080.987 | 0.999 | 14.699 |
| 9/19/2018 8:30 | 1098000.001 | 13.087 | 17.635 | 29.83 | 925.877 | 1077.449 | 0.539 | 0.733 | 1080.057 | 0.999 | 14.697 |
| 9/19/2018 8:45 | 1098900.001 | 13.084 | 17.635 | 29.823 | 926.3 | 1077.943 | 0.539 | 0.733 | 1079.564 | 0.999 | 14.699 |
| 9/19/2018 9:00 | 1099800.001 | 13.082 | 17.635 | 29.819 | 927.106 | 1078.876 | 0.54 | 0.734 | 1078.626 | 0.999 | 14.701 |
| 9/19/2018 9:15 | 1100700.001 | 13.085 | 17.635 | 29.826 | 925.791 | 1077.951 | 0.539 | 0.733 | 1079.758 | 0.999 | 14.698 |
| 9/19/2018 9:30 | 1101600.001 | 13.086 | 17.634 | 29.826 | 924.58 | 1075.954 | 0.538 | 0.732 | 1081.572 | 0.999 | 14.7 |
| 9/19/2018 9:45 | 1102500.001 | 13.089 | 17.636 | 29.834 | 923.799 | 1075.01 | 0.538 | 0.731 | 1082.487 | 0.999 | 14.695 |
| 9/19/2018 10:00 | 1103400.001 | 13.082 | 17.634 | 29.817 | 926.895 | 1078.639 | 0.539 | 0.733 | 1078.871 | 0.999 | 14.702 |
| 9/19/2018 10:15 | 1104300.001 | 13.079 | 17.635 | 29.811 | 928.88 | 1080.939 | 0.541 | 0.735 | 1076.566 | 0.999 | 14.707 |
| 9/19/2018 10:30 | 1105200.001 | 13.09 | 17.635 | 29.835 | 930.958 | 1083.364 | 0.542 | 0.737 | 1074.162 | 0.999 | 14.697 |
| 9/19/2018 10:45 | 1106100.001 | 13.082 | 17.635 | 29.818 | 929.497 | 1081.659 | 0.541 | 0.736 | 1075.851 | 0.999 | 14.703 |
| 9/19/2018 11:00 | 1107000.001 | 13.087 | 17.635 | 29.827 | 930.416 | 1082.725 | 0.542 | 0.736 | 1074.788 | 0.999 | 14.688 |
| 9/19/2018 11:15 | 1107900.001 | 13.085 | 17.634 | 29.825 | 930.412 | 1082.732 | 0.542 | 0.736 | 1074.793 | 0.999 | 14.699 |
| 9/19/2018 11:30 | 1108800.001 | 13.095 | 17.635 | 29.847 | 932.136 | 1084.724 | 0.543 | 0.738 | 1072.805 | 0.999 | 14.691 |
| 9/19/2018 11:45 | 1109700.001 | 13.089 | 17.634 | 29.835 | 937.422 | 1090.891 | 0.546 | 0.742 | 1066.755 | 0.999 | 14.695 |
| 9/19/2018 12:00 | 1110600.001 | 13.1 | 17.634 | 29.858 | 938.802 | 1092.496 | 0.547 | 0.743 | 1065.188 | 0.999 | 14.685 |
| 9/19/2018 12:15 | 1111500.001 | 13.097 | 17.635 | 29.851 | 939.938 | 1093.816 | 0.547 | 0.744 | 1063.9 | 0.999 | 14.686 |
| 9/19/2018 12:30 | 1112400.001 | 13.093 | 17.635 | 29.844 | 942.054 | 1096.274 | 0.549 | 0.745 | 1061.51 | 0.999 | 14.691 |
| 9/19/2018 12:45 | 1113300.001 | 13.102 | 17.635 | 29.864 | 936.73 | 1090.075 | 0.545 | 0.741 | 1067.543 | 0.999 | 14.682 |
| 9/19/2018 13:00 | 1114200.001 | 13.101 | 17.635 | 29.862 | 937.038 | 1090.439 | 0.546 | 0.741 | 1067.193 | 0.999 | 14.679 |
| 9/19/2018 13:15 | 1115100.001 | 13.094 | 17.634 | 29.845 | 936.234 | 1089.508 | 0.545 | 0.741 | 1068.109 | 0.999 | 14.688 |
| 9/19/2018 13:30 | 1116000.001 | 13.101 | 17.634 | 29.86 | 938.324 | 1091.944 | 0.546 | 0.743 | 1065.73 | 0.999 | 14.678 |
| 9/19/2018 13:45 | 1116900.001 | 13.101 | 17.635 | 29.86 | 943.582 | 1098.05 | 0.55 | 0.747 | 1059.792 | 0.999 | 14.679 |
| 9/19/2018 14:00 | 1117800.001 | 13.102 | 17.635 | 29.864 | 942.079 | 1096.332 | 0.549 | 0.745 | 1061.482 | 0.999 | 14.675 |
| 9/19/2018 14:15 | 1118700.001 | 13.106 | 17.635 | 29.872 | 938.018 | 1091.579 | 0.546 | 0.742 | 1066.078 | 0.999 | 14.671 |
| 9/19/2018 14:30 | 1119600.001 | 13.104 | 17.634 | 29.867 | 936.38 | 1089.682 | 0.545 | 0.741 | 1067.943 | 0.999 | 14.67 |
| 9/19/2018 14:45 | 1120500.001 | 13.107 | 17.635 | 29.875 | 941.232 | 1095.318 | 0.548 | 0.745 | 1062.437 | 0.999 | 14.666 |
| 9/19/2018 15:00 | 1121400.001 | 13.105 | 17.635 | 29.87 | 943.095 | 1097.487 | 0.549 | 0.746 | 1060.339 | 0.999 | 14.668 |
| 9/19/2018 15:15 | 1122300.001 | 13.106 | 17.635 | 29.872 | 943.568 | 1098.019 | 0.55 | 0.747 | 1059.807 | 0.999 | 14.664 |
| 9/19/2018 15:30 | 1123200.001 | 13.11 | 17.635 | 29.877 | 942.079 | 1096.289 | 0.549 | 0.746 | 1061.051 | 0.999 | 14.658 |
| 9/19/2018 15:45 | 1124100.001 | 13.105 | 17.635 | 29.871 | 939.699 | 1093.528 | 0.547 | 0.744 | 1064.17 | 0.999 | 14.663 |
| 9/19/2018 16:00 | 1125000.001 | 13.104 | 17.635 | 29.867 | 942.452 | 1096.735 | 0.549 | 0.746 | 1061.062 | 0.999 | 14.662 |
| 9/19/2018 16:15 | 1125900.001 | 13.108 | 17.635 | 29.877 | 940.847 | 1094.874 | 0.548 | 0.745 | 1062.872 | 0.999 | 14.656 |
| 9/19/2018 16:30 | 1126800.001 | 13.106 | 17.635 | 29.872 | 940.383 | 1094.319 | 0.548 | 0.744 | 1063.396 | 0.999 | 14.658 |
| 9/19/2018 16:45 | 1127700.001 | 13.104 | 17.635 | 29.867 | 942.058 | 1096.276 | 0.549 | 0.745 | 1061.506 | 0.999 | 14.658 |
| 9/19/2018 17:00 | 1128600.001 | 13.108 | 17.635 | 29.864 | 940.76 | 1094.486 | 0.549 | 0.744 | 1062.322 | 0.999 | 14.654 |
| 9/19/2018 17:15 | 1129500.001 | 13.111 | 17.635 | 29.883 | 941.877 | 1096.06 | 0.549 | 0.745 | 1061.71 | 0.999 | 14.655 |
| 9/19/2018 17:30 | 1130400.001 | 13.109 | 17.635 | 29.879 | 944.281 | 1098.866 | 0.55 | 0.747 | 1059.007 | 0.999 | 14.651 |
| 9/19/2018 17:45 | 1131300.001 | 13.108 | 17.635 | 29.877 | 940.99 | 1095.025 | 0.548 | 0.745 | 1062.711 | 0.999 | 14.648 |
| 9/19/2018 18:00 | 1132200.001 | 13.106 | 17.635 | 29.874 | 940.652 | 1094.647 | 0.548 | 0.744 | 1063.093 | 0.999 | 14.65 |
| 9/19/2018 18:15 | 1133100.001 | 13.108 | 17.635 | 29.878 | 938.83 | 1092.524 | 0.547 | 0.743 | 1065.156 | 0.999 | 14.647 |
| 9/19/2018 18:30 | 1134000.001 | 13.111 | 17.635 | 29.881 | 939.26 | 1093.015 | 0.547 | 0.743 | 1064.668 | 0.999 | 14.643 |
| 9/19/2018 18:45 | 1134900.001 | 13.106 | 17.635 | 29.874 | 941.784 | 1095.949 | 0.548 | 0.745 | 1061.815 | 0.999 | 14.647 |
| 9/19/2018 19:00 | 1135800.001 | 13.103 | 17.635 | 29.865 | 939.441 | 1093.237 | 0.547 | 0.743 | 1064.463 | 0.999 | 14.648 |
| 9/19/2018 19:15 | 1136700.001 | 13.101 | 17.635 | 29.862 | 937.105 | 1090.508 | 0.546 | 0.742 | 1067.116 | 0.999 | 14.65 |
| 9/19/2018 19:30 | 1137600.001 | 13.102 | 17.635 | 29.864 | 935.854 | 1089.053 | 0.545 | 0.741 | 1068.543 | 0.999 | 14.647 |
| 9/19/2018 19:45 | 1138500.001 | 13.101 | 17.635 | 29.86 | 932.947 | 1086.678 | 0.543 | 0.739 | 1071.873 | 0.999 | 14.648 |
| 9/19/2018 20:00 | 1139400.001 | 13.106 | 17.635 | 29.872 | 933.313 | 1086.088 | 0.543 | 0.738 | 1071.452 | 0.999 | 14.642 |
| 9/19/2018 20:15 | 1140300.001 | 13.106 | 17.634 | 29.874 | 931.565 | 1084.074 | 0.542 | 0.737 | 1073.463 | 0.999 | 14.642 |
| 9/19/2018 20:30 | 1141200.001 | 13.094 | 17.635 | | | | | | | | |

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|-----------------|-------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 9/21/2018 5:00 | 1258200.001 | 13.077 | 17.634 | 29.806 | 918.706 | 1069.114 | 0.534 | 0.727 | 1088.488 | 0.999 | 14.681 |
| 9/21/2018 5:15 | 1259100.001 | 13.079 | 17.634 | 29.812 | 919.82 | 1070.428 | 0.535 | 0.728 | 1087.169 | 0.999 | 14.68 |
| 9/21/2018 5:30 | 1260000.001 | 13.069 | 17.634 | 29.789 | 919.215 | 1069.725 | 0.535 | 0.727 | 1087.885 | 0.999 | 14.691 |
| 9/21/2018 5:45 | 1260900.001 | 13.076 | 17.634 | 29.805 | 919.471 | 1070.019 | 0.535 | 0.728 | 1087.582 | 0.999 | 14.684 |
| 9/21/2018 6:00 | 1261800.001 | 13.075 | 17.634 | 29.803 | 919.52 | 1070.08 | 0.535 | 0.728 | 1087.524 | 0.999 | 14.69 |
| 9/21/2018 6:15 | 1262700.001 | 13.074 | 17.634 | 29.799 | 919.988 | 1070.621 | 0.535 | 0.728 | 1086.971 | 0.999 | 14.693 |
| 9/21/2018 6:30 | 1263600.001 | 13.073 | 17.634 | 29.796 | 920.463 | 1071.098 | 0.536 | 0.729 | 1086.482 | 0.999 | 14.694 |
| 9/21/2018 6:45 | 1264500.001 | 13.071 | 17.634 | 29.793 | 921.126 | 1071.949 | 0.536 | 0.729 | 1085.628 | 0.999 | 14.696 |
| 9/21/2018 7:00 | 1265400.001 | 13.066 | 17.633 | 29.781 | 920.569 | 1071.303 | 0.536 | 0.728 | 1086.285 | 0.999 | 14.703 |
| 9/21/2018 7:15 | 1266300.001 | 13.07 | 17.634 | 29.792 | 919.69 | 1070.266 | 0.535 | 0.728 | 1087.323 | 0.999 | 14.701 |
| 9/21/2018 7:30 | 1267200.001 | 13.071 | 17.634 | 29.792 | 920.36 | 1071.044 | 0.535 | 0.728 | 1086.511 | 0.999 | 14.708 |
| 9/21/2018 7:45 | 1268100.001 | 13.067 | 17.634 | 29.783 | 920.325 | 1071.013 | 0.535 | 0.728 | 1086.573 | 0.999 | 14.709 |
| 9/21/2018 8:00 | 1269000.001 | 13.065 | 17.634 | 29.779 | 921.514 | 1072.391 | 0.536 | 0.729 | 1085.17 | 0.999 | 14.713 |
| 9/21/2018 8:15 | 1269900.001 | 13.063 | 17.634 | 29.775 | 921.335 | 1072.191 | 0.536 | 0.729 | 1085.381 | 0.999 | 14.716 |
| 9/21/2018 8:30 | 1270800.001 | 13.063 | 17.634 | 29.775 | 920.149 | 1070.798 | 0.535 | 0.728 | 1086.78 | 0.999 | 14.72 |
| 9/21/2018 8:45 | 1271700.001 | 13.061 | 17.634 | 29.77 | 922.484 | 1073.517 | 0.537 | 0.73 | 1084.03 | 0.999 | 14.725 |
| 9/21/2018 9:00 | 1272600.001 | 13.058 | 17.633 | 29.764 | 922.699 | 1073.782 | 0.537 | 0.73 | 1083.777 | 0.999 | 14.728 |
| 9/21/2018 9:15 | 1273500.001 | 13.063 | 17.634 | 29.774 | 923.455 | 1074.649 | 0.537 | 0.731 | 1082.89 | 0.999 | 14.726 |
| 9/21/2018 9:30 | 1274400.001 | 13.061 | 17.634 | 29.77 | 923.27 | 1074.23 | 0.537 | 0.73 | 1083.322 | 0.999 | 14.73 |
| 9/21/2018 9:45 | 1275300.001 | 13.068 | 17.634 | 29.786 | 923.388 | 1073.406 | 0.537 | 0.73 | 1084.142 | 0.999 | 14.728 |
| 9/21/2018 10:00 | 1276200.001 | 13.058 | 17.634 | 29.763 | 923.051 | 1074.17 | 0.537 | 0.73 | 1083.364 | 0.999 | 14.736 |
| 9/21/2018 10:15 | 1277100.001 | 13.057 | 17.634 | 29.76 | 924.967 | 1076.411 | 0.538 | 0.732 | 1081.12 | 0.999 | 14.74 |
| 9/21/2018 10:30 | 1278000.001 | 13.061 | 17.634 | 29.77 | 925.685 | 1077.25 | 0.539 | 0.733 | 1080.281 | 0.999 | 14.739 |
| 9/21/2018 10:45 | 1278900.001 | 13.067 | 17.634 | 29.783 | 926.113 | 1077.746 | 0.539 | 0.733 | 1079.782 | 0.999 | 14.738 |
| 9/21/2018 11:00 | 1279800.001 | 13.066 | 17.634 | 29.782 | 926.853 | 1077.436 | 0.539 | 0.733 | 1080.885 | 0.999 | 14.737 |
| 9/21/2018 11:15 | 1280700.001 | 13.065 | 17.634 | 29.78 | 927.191 | 1078.984 | 0.54 | 0.734 | 1078.527 | 0.999 | 14.734 |
| 9/21/2018 11:30 | 1281600.001 | 13.069 | 17.634 | 29.789 | 929.346 | 1081.496 | 0.541 | 0.735 | 1076.026 | 0.999 | 14.736 |
| 9/21/2018 11:45 | 1282500.001 | 13.067 | 17.634 | 29.783 | 930.269 | 1082.579 | 0.541 | 0.736 | 1074.958 | 0.999 | 14.74 |
| 9/21/2018 12:00 | 1283400.001 | 13.074 | 17.634 | 29.799 | 932.033 | 1084.642 | 0.543 | 0.738 | 1072.924 | 0.999 | 14.733 |
| 9/21/2018 12:15 | 1284300.001 | 13.073 | 17.634 | 29.797 | 932.913 | 1085.646 | 0.543 | 0.738 | 1071.911 | 0.999 | 14.737 |
| 9/21/2018 12:30 | 1285200.001 | 13.075 | 17.634 | 29.797 | 936.06 | 1089.321 | 0.545 | 0.741 | 1068.307 | 0.999 | 14.735 |
| 9/21/2018 12:45 | 1286100.001 | 13.08 | 17.634 | 29.814 | 933.409 | 1086.226 | 0.543 | 0.739 | 1071.342 | 0.999 | 14.729 |
| 9/21/2018 13:00 | 1287000.001 | 13.078 | 17.634 | 29.81 | 936.067 | 1089.331 | 0.545 | 0.741 | 1068.299 | 0.999 | 14.731 |
| 9/21/2018 13:15 | 1287900.001 | 13.074 | 17.634 | 29.799 | 935.284 | 1088.42 | 0.545 | 0.74 | 1069.194 | 0.999 | 14.735 |
| 9/21/2018 13:30 | 1288800.001 | 13.081 | 17.634 | 29.816 | 935.305 | 1088.429 | 0.545 | 0.74 | 1069.17 | 0.999 | 14.73 |
| 9/21/2018 13:45 | 1289700.001 | 13.077 | 17.634 | 29.807 | 938.862 | 1092.57 | 0.547 | 0.743 | 1065.12 | 0.999 | 14.733 |
| 9/21/2018 14:00 | 1290600.001 | 13.084 | 17.634 | 29.823 | 937.842 | 1090.613 | 0.546 | 0.742 | 1066.96 | 0.999 | 14.73 |
| 9/21/2018 14:15 | 1291500.001 | 13.08 | 17.634 | 29.813 | 937.028 | 1090.44 | 0.546 | 0.741 | 1067.304 | 0.999 | 14.73 |
| 9/21/2018 14:30 | 1292400.001 | 13.079 | 17.634 | 29.811 | 939.371 | 1093.162 | 0.547 | 0.743 | 1064.542 | 0.999 | 14.731 |
| 9/21/2018 14:45 | 1293300.001 | 13.09 | 17.634 | 29.835 | 936.814 | 1090.194 | 0.545 | 0.741 | 1067.448 | 0.999 | 14.721 |
| 9/21/2018 15:00 | 1294200.001 | 13.092 | 17.634 | 29.84 | 938.393 | 1092.028 | 0.546 | 0.743 | 1065.652 | 0.999 | 14.722 |
| 9/21/2018 15:15 | 1295100.001 | 13.084 | 17.634 | 29.823 | 938.176 | 1091.774 | 0.546 | 0.742 | 1065.898 | 0.999 | 14.725 |
| 9/21/2018 15:30 | 1296000.001 | 13.088 | 17.634 | 29.831 | 941.651 | 1095.816 | 0.548 | 0.745 | 1061.964 | 0.999 | 14.721 |
| 9/21/2018 15:45 | 1296900.001 | 13.088 | 17.634 | 29.832 | 939.829 | 1091.826 | 0.548 | 0.742 | 1065.85 | 0.999 | 14.72 |
| 9/21/2018 16:00 | 1297800.001 | 13.083 | 17.634 | 29.821 | 938.472 | 1092.119 | 0.546 | 0.743 | 1065.562 | 0.999 | 14.724 |
| 9/21/2018 16:15 | 1298700.001 | 13.09 | 17.634 | 29.836 | 935.431 | 1088.59 | 0.545 | 0.74 | 1069.026 | 0.999 | 14.715 |
| 9/21/2018 16:30 | 1299600.001 | 13.085 | 17.634 | 29.824 | 936.945 | 1090.35 | 0.546 | 0.741 | 1067.298 | 0.999 | 14.722 |
| 9/21/2018 16:45 | 1300500.001 | 13.085 | 17.634 | 29.824 | 936.466 | 1089.787 | 0.545 | 0.741 | 1067.844 | 0.999 | 14.721 |
| 9/21/2018 17:00 | 1301400.001 | 13.081 | 17.634 | 29.815 | 930.899 | 1083.314 | 0.542 | 0.737 | 1074.23 | 0.999 | 14.724 |
| 9/21/2018 17:15 | 1302300.001 | 13.087 | 17.634 | 29.837 | 935.707 | 1088.903 | 0.545 | 0.74 | 1068.711 | 0.999 | 14.716 |
| 9/21/2018 17:30 | 1303200.001 | 13.089 | 17.634 | 29.834 | 931.392 | 1083.883 | 0.542 | 0.737 | 1073.662 | 0.999 | 14.716 |
| 9/21/2018 17:45 | 1304100.001 | 13.094 | 17.634 | 29.846 | 931.812 | 1084.368 | 0.542 | 0.737 | 1073.178 | 0.999 | 14.714 |
| 9/21/2018 18:00 | 1305000.001 | 13.088 | 17.634 | 29.831 | 932.592 | 1085.281 | 0.543 | 0.738 | 1072.28 | 0.999 | 14.716 |
| 9/21/2018 18:15 | 1305900.001 | 13.09 | 17.634 | 29.836 | 932.44 | 1085.1 | 0.543 | 0.738 | 1072.455 | 0.999 | 14.714 |
| 9/21/2018 18:30 | 1306800.001 | 13.086 | 17.634 | 29.827 | 932.322 | 1084.962 | 0.543 | 0.738 | 1072.591 | 0.999 | 14.718 |
| 9/21/2018 18:45 | 1307700.001 | 13.083 | 17.634 | 29.82 | 933.227 | 1080.325 | 0.54 | 0.735 | 1072.207 | 0.999 | 14.719 |
| 9/21/2018 19:00 | 1308600.001 | 13.085 | 17.634 | 29.824 | 930.895 | 1083.299 | 0.542 | 0.737 | 1074.235 | 0.999 | 14.719 |
| 9/21/2018 19:15 | 1309500.001 | 13.086 | 17.634 | 29.827 | 928.825 | 1080.898 | 0.541 | 0.735 | 1076.629 | 0.999 | 14.718 |
| 9/21/2018 19:30 | 1310400.001 | 13.078 | 17.634 | 29.809 | 928.437 | 1080.436 | 0.54 | 0.735 | 1077.079 | 0.999 | 14.725 |
| 9/21/2018 19:45 | 1311300.001 | 13.074 | 17.634 | 29.799 | 929.158 | 1081.286 | 0.541 | 0.735 | 1076.243 | 0.999 | 14.721 |
| 9/21/2018 20:00 | 1312200.001 | 13.077 | 17.634 | 29.807 | 928.438 | 1080.444 | 0.54 | 0.735 | 1077.078 | 0.999 | 14.725 |
| 9/21/2018 20:15 | 1313100.001 | 13.071 | 17.634 | 29.806 | 929.06 | 1081.174 | 0.541 | 0.735 | 1076.357 | 0.999 | 14.726 |
| 9/21/2018 20:30 | 1314000.001 | 13.079 | 17.634 | 29.812 | 928.999 | 1081.103 | 0.541 | 0.735 | 1076.428 | 0.999 | 14.728 |
| 9/21/2018 20:45 | 1314900.001 | 13.077 | 17.634 | 29.807 | 928.702 | 1080.759 | 0.541 | 0.735 | 1076.772 | 0.999 | 14.726 |
| 9/21/2018 21:00 | 1315800.001 | 13.072 | 17.634 | 29.796 | 929.387 | 1081.555 | 0.541 | 0.735 | 1075.978 | 0.999 | 14.734 |
| 9/21/2018 21:15 | 1316700.001 | 13.073 | 17.634 | 29.797 | 927.273 | 1079.101 | 0.54 | 0.734 | 1078.431 | 0.999 | 14.735 |
| 9/21/2018 21:30 | 1317600.001 | 13.07 | 17.634 | 29.791 | 926.212 | 1077.862 | 0.539 | 0.733 | 1079.667 | 0.999 | 14.739 |
| 9/21/2018 21:45 | 1318500.001 | 13.075 | 17.634 | 29.803 | 927.864 | 1078.644 | 0.54 | 0.735 | 1079.852 | 0.999 | 14.737 |
| 9/21/2018 22:00 | 1319400.001 | 13.074 | 17.633 | 29.8 | 928.57 | 1080.615 | 0.54 | 0.735 | 1076.924 | 0.999 | 14.739 |
| 9/21/2018 22:15 | 1320300.001 | 13.077 | 17.634 | 29.806 | 928.812 | 1080.889 | 0.541 | 0.735 | 1076.645 | 0.999 | 14.734 |
| 9/21/2018 22:30 | 1321200.001 | 13.069 | 17.634 | 29.789 | 925.803 | 1077.377 | 0.539 | 0.733 | 1080.144 | 0.999 | 14.743 |
| 9/21/2018 22:45 | 1322100.001 | 13.078 | 17.634 | 29.81 | 925.804 | 1077.387 | 0.539 | 0.733 | 1080.143 | 0.999 | 14.733 |
| 9/21/2018 23:00 | 1323000.001 | 13.079 | 17.634 | 29.81 | 926.254 | 1077.915 | 0.539 | 0.733 | 1079.618 | 0.999 | 14.732 |
| 9/21/2018 23:15 | 1323900.001 | 13.08 | 17.634 | 29.812 | 926.214 | 1077.87 | 0.539 | 0.733 | 1079.665 | 0.999 | 14.733 |
| 9/21/2018 23:30 | 1324800.001 | 13.078 | 17.634 | 29.809 | 926.015 | 1077.622 | 0.539 | 0.733 | 1079.896 | 0.999 | 14.735 |
| 9/21/2018 23:45 | 1325700.001 | 13.081 | 17.634 | 29.815 | 927.636 | 1079.517 | 0.54 | 0.734 | 1078.009 | 0.999 | 14.732 |
| 9/22/2018 0:00 | 1326600.001 | 13.087 | 17.634 | 29.83 | 927.707 | 1079.593 | 0.54 | 0.734 | 1077.926 | 0.999 | 14.727 |
| 9/22/2018 0:15 | 1327500.001 | 13.083 | 17.634 | 29.821 | 927.942 | 1079.878 | 0.54 | 0.734 | 1077.653 | 0.999 | 14.729 |
| 9/22/2018 0:30 | 1328400.001 | 13.089 | 17.634 | 29.834 | 929.476 | 1081.67 | 0.541 | 0.736 | 1075.875 | 0.999 | 14.723 |
| 9/22/2018 0:45 | 1329300.001 | 13.083 | 17.633 | 29.821 | 927.674 | 1079.563 | 0.54 | 0.734 | 1077.965 | 0.999 | 14.729 |
| 9/22/2018 1:00 | 1330200.001 | 13.081 | 17.634 | 29.817 | 928.127 | 1080.127 | 0.54 | 0.734 | 1077.402 | 0.999 | 14.732 |
| 9/22/2018 1:15 | 1331100.001 | 13.083 | 17.634 | 29 | | | | | | | |

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|-----------------|-------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 9/23/2018 9:45 | 1448100.001 | 13.073 | 17.633 | 29.798 | 928.465 | 1080.498 | 0.54 | 0.735 | 1077.047 | 0.999 | 14.706 |
| 9/23/2018 10:00 | 1449000.001 | 13.071 | 17.633 | 29.794 | 927.561 | 1079.445 | 0.54 | 0.734 | 1078.096 | 0.999 | 14.709 |
| 9/23/2018 10:15 | 1449900.001 | 13.069 | 17.634 | 29.788 | 927.767 | 1079.674 | 0.54 | 0.734 | 1077.857 | 0.999 | 14.712 |
| 9/23/2018 10:30 | 1450800.001 | 13.075 | 17.633 | 29.801 | 929.754 | 1081.993 | 0.541 | 0.736 | 1075.553 | 0.999 | 14.708 |
| 9/23/2018 10:45 | 1451700.001 | 13.077 | 17.633 | 29.807 | 934.38 | 1087.378 | 0.544 | 0.739 | 1070.228 | 0.999 | 14.705 |
| 9/23/2018 11:00 | 1452600.001 | 13.082 | 17.633 | 29.817 | 934.548 | 1087.571 | 0.544 | 0.74 | 1070.036 | 0.999 | 14.702 |
| 9/23/2018 11:15 | 1453500.001 | 13.082 | 17.633 | 29.822 | 939.023 | 1092.767 | 0.547 | 0.743 | 1064.936 | 0.999 | 14.7 |
| 9/23/2018 11:30 | 1454400.001 | 13.082 | 17.634 | 29.818 | 938.301 | 1093.091 | 0.547 | 0.743 | 1064.622 | 0.999 | 14.7 |
| 9/23/2018 11:45 | 1455300.001 | 13.074 | 17.634 | 29.799 | 940.217 | 1094.158 | 0.548 | 0.744 | 1063.584 | 0.999 | 14.708 |
| 9/23/2018 12:00 | 1456200.001 | 13.077 | 17.634 | 29.807 | 942.806 | 1097.173 | 0.549 | 0.746 | 1060.664 | 0.999 | 14.706 |
| 9/23/2018 12:15 | 1457100.001 | 13.087 | 17.634 | 29.83 | 943.033 | 1097.428 | 0.549 | 0.746 | 1060.409 | 0.999 | 14.696 |
| 9/23/2018 12:30 | 1458000.001 | 13.086 | 17.634 | 29.827 | 940.823 | 1094.863 | 0.548 | 0.745 | 1062.899 | 0.999 | 14.698 |
| 9/23/2018 12:45 | 1458900.001 | 13.089 | 17.633 | 29.835 | 942.224 | 1096.008 | 0.549 | 0.746 | 1061.206 | 0.999 | 14.694 |
| 9/23/2018 13:00 | 1459800.001 | 13.086 | 17.634 | 29.827 | 941.299 | 1095.415 | 0.548 | 0.745 | 1062.362 | 0.999 | 14.697 |
| 9/23/2018 13:15 | 1460700.001 | 13.09 | 17.634 | 29.837 | 945.917 | 1100.793 | 0.551 | 0.749 | 1057.175 | 0.999 | 14.691 |
| 9/23/2018 13:30 | 1461600.001 | 13.092 | 17.634 | 29.841 | 942.806 | 1097.175 | 0.549 | 0.746 | 1060.663 | 0.999 | 14.689 |
| 9/23/2018 13:45 | 1462500.001 | 13.088 | 17.634 | 29.831 | 943.935 | 1098.482 | 0.55 | 0.747 | 1059.395 | 0.999 | 14.693 |
| 9/23/2018 14:00 | 1463400.001 | 13.093 | 17.634 | 29.842 | 943.276 | 1097.709 | 0.549 | 0.746 | 1060.135 | 0.999 | 14.686 |
| 9/23/2018 14:15 | 1464300.001 | 13.093 | 17.634 | 29.843 | 945.001 | 1099.755 | 0.549 | 0.746 | 1062.33 | 0.999 | 14.685 |
| 9/23/2018 14:30 | 1465200.001 | 13.092 | 17.634 | 29.841 | 945.012 | 1099.742 | 0.55 | 0.748 | 1058.188 | 0.999 | 14.682 |
| 9/23/2018 14:45 | 1466100.001 | 13.093 | 17.634 | 29.843 | 944.687 | 1099.362 | 0.55 | 0.748 | 1058.552 | 0.999 | 14.685 |
| 9/23/2018 15:00 | 1467000.001 | 13.1 | 17.634 | 29.859 | 951.076 | 1106.799 | 0.554 | 0.753 | 1051.441 | 0.999 | 14.675 |
| 9/23/2018 15:15 | 1467900.001 | 13.095 | 17.634 | 29.847 | 943.757 | 1098.269 | 0.55 | 0.747 | 1059.594 | 0.999 | 14.677 |
| 9/23/2018 15:30 | 1468800.001 | 13.089 | 17.634 | 29.834 | 945.124 | 1099.868 | 0.55 | 0.748 | 1058.062 | 0.999 | 14.684 |
| 9/23/2018 15:45 | 1469700.001 | 13.096 | 17.634 | 29.85 | 943.103 | 1097.516 | 0.549 | 0.746 | 1060.33 | 0.999 | 14.675 |
| 9/23/2018 16:00 | 1470600.001 | 13.097 | 17.634 | 29.852 | 950.196 | 1105.773 | 0.554 | 0.752 | 1052.415 | 0.999 | 14.674 |
| 9/23/2018 16:15 | 1471500.001 | 13.095 | 17.634 | 29.847 | 945.927 | 1100.81 | 0.551 | 0.749 | 1057.164 | 0.999 | 14.676 |
| 9/23/2018 16:30 | 1472400.001 | 13.094 | 17.633 | 29.845 | 944.308 | 1098.929 | 0.55 | 0.747 | 1058.976 | 0.999 | 14.674 |
| 9/23/2018 16:45 | 1473300.001 | 13.098 | 17.634 | 29.855 | 945.302 | 1100.073 | 0.551 | 0.748 | 1057.863 | 0.999 | 14.67 |
| 9/23/2018 17:00 | 1474200.001 | 13.096 | 17.633 | 29.849 | 945.477 | 1100.294 | 0.551 | 0.748 | 1057.667 | 0.999 | 14.672 |
| 9/23/2018 17:15 | 1475100.001 | 13.096 | 17.633 | 29.851 | 942.657 | 1096.314 | 0.549 | 0.745 | 1061.507 | 0.999 | 14.672 |
| 9/23/2018 17:30 | 1476000.001 | 13.097 | 17.634 | 29.852 | 943.199 | 1097.621 | 0.549 | 0.746 | 1060.222 | 0.999 | 14.668 |
| 9/23/2018 17:45 | 1476900.001 | 13.1 | 17.634 | 29.859 | 941.62 | 1095.783 | 0.548 | 0.745 | 1062 | 0.999 | 14.663 |
| 9/23/2018 18:00 | 1477800.001 | 13.099 | 17.634 | 29.857 | 938.718 | 1092.418 | 0.547 | 0.743 | 1065.282 | 0.999 | 14.663 |
| 9/23/2018 18:15 | 1478700.001 | 13.097 | 17.634 | 29.851 | 940.695 | 1094.72 | 0.548 | 0.744 | 1063.044 | 0.999 | 14.666 |
| 9/23/2018 18:30 | 1479600.001 | 13.093 | 17.634 | 29.843 | 938.715 | 1092.41 | 0.547 | 0.743 | 1065.286 | 0.999 | 14.667 |
| 9/23/2018 18:45 | 1480500.001 | 13.101 | 17.633 | 29.862 | 938.412 | 1092.068 | 0.546 | 0.743 | 1065.163 | 0.999 | 14.658 |
| 9/23/2018 19:00 | 1481400.001 | 13.102 | 17.633 | 29.864 | 938.184 | 1091.804 | 0.546 | 0.742 | 1065.889 | 0.999 | 14.661 |
| 9/23/2018 19:15 | 1482300.001 | 13.098 | 17.633 | 29.855 | 939.298 | 1093.099 | 0.547 | 0.743 | 1064.625 | 0.999 | 14.661 |
| 9/23/2018 19:30 | 1483200.001 | 13.098 | 17.634 | 29.855 | 936.024 | 1089.274 | 0.545 | 0.741 | 1068.348 | 0.999 | 14.659 |
| 9/23/2018 19:45 | 1484100.001 | 13.1 | 17.634 | 29.859 | 937.667 | 1091.192 | 0.546 | 0.742 | 1066.477 | 0.999 | 14.657 |
| 9/23/2018 20:00 | 1485000.001 | 13.097 | 17.634 | 29.852 | 934.722 | 1087.766 | 0.544 | 0.74 | 1069.837 | 0.999 | 14.66 |
| 9/23/2018 20:15 | 1485900.001 | 13.095 | 17.634 | 29.846 | 932.184 | 1084.813 | 0.543 | 0.738 | 1072.75 | 0.999 | 14.662 |
| 9/23/2018 20:30 | 1486800.001 | 13.091 | 17.633 | 29.84 | 931.818 | 1084.401 | 0.543 | 0.738 | 1073.17 | 0.999 | 14.663 |
| 9/23/2018 20:45 | 1487700.001 | 13.092 | 17.634 | 29.841 | 932.307 | 1084.961 | 0.543 | 0.738 | 1072.608 | 0.999 | 14.662 |
| 9/23/2018 21:00 | 1488600.001 | 13.091 | 17.633 | 29.839 | 931.894 | 1084.491 | 0.542 | 0.737 | 1073.084 | 0.999 | 14.664 |
| 9/23/2018 21:15 | 1489500.001 | 13.09 | 17.633 | 29.835 | 931.284 | 1083.774 | 0.542 | 0.737 | 1073.787 | 0.999 | 14.663 |
| 9/23/2018 21:30 | 1490400.001 | 13.094 | 17.633 | 29.846 | 933.018 | 1085.797 | 0.543 | 0.738 | 1071.79 | 0.999 | 14.659 |
| 9/23/2018 21:45 | 1491300.001 | 13.091 | 17.633 | 29.837 | 930.651 | 1083.042 | 0.542 | 0.736 | 1074.517 | 0.999 | 14.662 |
| 9/23/2018 22:00 | 1492200.001 | 13.101 | 17.633 | 29.862 | 930.454 | 1082.813 | 0.542 | 0.736 | 1074.744 | 0.999 | 14.658 |
| 9/23/2018 22:15 | 1493100.001 | 13.087 | 17.633 | 29.83 | 930.533 | 1082.899 | 0.542 | 0.736 | 1074.653 | 0.999 | 14.666 |
| 9/23/2018 22:30 | 1494000.001 | 13.085 | 17.634 | 29.826 | 930.7 | 1083.091 | 0.542 | 0.737 | 1074.46 | 0.999 | 14.666 |
| 9/23/2018 22:45 | 1494900.001 | 13.086 | 17.634 | 29.827 | 933.262 | 1086.072 | 0.543 | 0.739 | 1071.511 | 0.999 | 14.667 |
| 9/23/2018 23:00 | 1495800.001 | 13.088 | 17.634 | 29.832 | 932.351 | 1085.008 | 0.543 | 0.738 | 1072.558 | 0.999 | 14.664 |
| 9/23/2018 23:15 | 1496700.001 | 13.087 | 17.633 | 29.83 | 932.033 | 1084.46 | 0.543 | 0.738 | 1072.924 | 0.999 | 14.665 |
| 9/23/2018 23:30 | 1497600.001 | 13.092 | 17.633 | 29.84 | 932.372 | 1085.039 | 0.543 | 0.738 | 1072.533 | 0.999 | 14.661 |
| 9/23/2018 23:45 | 1498500.001 | 13.089 | 17.633 | 29.834 | 931.997 | 1084.604 | 0.543 | 0.738 | 1072.965 | 0.999 | 14.664 |
| 9/24/2018 0:00 | 1499400.001 | 13.097 | 17.633 | 29.852 | 931.457 | 1083.981 | 0.542 | 0.737 | 1073.587 | 0.999 | 14.654 |
| 9/24/2018 0:15 | 1500300.001 | 13.091 | 17.633 | 29.838 | 930.179 | 1082.489 | 0.541 | 0.736 | 1075.062 | 0.999 | 14.66 |
| 9/24/2018 0:30 | 1501200.001 | 13.087 | 17.633 | 29.83 | 927.908 | 1079.849 | 0.54 | 0.735 | 1077.693 | 0.999 | 14.664 |
| 9/24/2018 0:45 | 1502100.001 | 13.09 | 17.633 | 29.836 | 929.313 | 1081.477 | 0.541 | 0.735 | 1076.063 | 0.999 | 14.661 |
| 9/24/2018 1:00 | 1503000.001 | 13.088 | 17.634 | 29.834 | 929.401 | 1081.579 | 0.541 | 0.735 | 1075.562 | 0.999 | 14.667 |
| 9/24/2018 1:15 | 1503900.001 | 13.09 | 17.633 | 29.835 | 931.954 | 1084.553 | 0.543 | 0.737 | 1073.014 | 0.999 | 14.664 |
| 9/24/2018 1:30 | 1504800.001 | 13.086 | 17.633 | 29.828 | 929.744 | 1081.987 | 0.541 | 0.736 | 1075.565 | 0.999 | 14.666 |
| 9/24/2018 1:45 | 1505700.001 | 13.09 | 17.634 | 29.836 | 930.825 | 1083.234 | 0.542 | 0.737 | 1074.316 | 0.999 | 14.662 |
| 9/24/2018 2:00 | 1506600.001 | 13.087 | 17.633 | 29.83 | 930.916 | 1083.347 | 0.542 | 0.737 | 1074.211 | 0.999 | 14.663 |
| 9/24/2018 2:15 | 1507500.001 | 13.093 | 17.633 | 29.843 | 930.448 | 1082.802 | 0.542 | 0.736 | 1074.751 | 0.999 | 14.659 |
| 9/24/2018 2:30 | 1508400.001 | 13.087 | 17.633 | 29.837 | 929.899 | 1083.323 | 0.542 | 0.737 | 1074.231 | 0.999 | 14.666 |
| 9/24/2018 2:45 | 1509300.001 | 13.089 | 17.633 | 29.835 | 931.432 | 1083.945 | 0.542 | 0.737 | 1073.616 | 0.999 | 14.663 |
| 9/24/2018 3:00 | 1510200.001 | 13.087 | 17.633 | 29.83 | 933.186 | 1085.993 | 0.543 | 0.738 | 1071.597 | 0.999 | 14.666 |
| 9/24/2018 3:15 | 1511100.001 | 13.092 | 17.633 | 29.84 | 931.986 | 1084.59 | 0.543 | 0.738 | 1072.977 | 0.999 | 14.661 |
| 9/24/2018 3:30 | 1512000.001 | 13.091 | 17.633 | 29.839 | 931.767 | 1083.767 | 0.542 | 0.737 | 1073.798 | 0.999 | 14.662 |
| 9/24/2018 3:45 | 1512900.001 | 13.089 | 17.633 | 29.833 | 931.573 | 1084.119 | 0.542 | 0.737 | 1073.454 | 0.999 | 14.662 |
| 9/24/2018 4:00 | 1513800.001 | 13.095 | 17.633 | 29.842 | 929.42 | 1081.605 | 0.541 | 0.735 | 1075.94 | 0.999 | 14.656 |
| 9/24/2018 4:15 | 1514700.001 | 13.093 | 17.633 | 29.844 | 927.369 | 1079.218 | 0.54 | 0.734 | 1078.32 | 0.999 | 14.658 |
| 9/24/2018 4:30 | 1515600.001 | 13.092 | 17.634 | 29.842 | 928.683 | 1080.743 | 0.541 | 0.735 | 1076.794 | 0.999 | 14.657 |
| 9/24/2018 4:45 | 1516500.001 | 13.084 | 17.634 | 29.822 | 927.346 | 1079.188 | 0.54 | 0.734 | 1078.346 | 0.999 | 14.666 |
| 9/24/2018 5:00 | 1517400.001 | 13.086 | 17.633 | 29.826 | 929.119 | 1081.263 | 0.541 | 0.735 | 1076.289 | 0.999 | 14.664 |
| 9/24/2018 5:15 | 1518300.001 | 13.089 | 17.633 | 29.833 | 929.897 | 1082.178 | 0.541 | 0.736 | 1075.388 | 0.999 | 14.66 |
| 9/24/2018 5:30 | 1519200.001 | 13.087 | 17.633 | 29.829 | 928.766 | 1080.853 | 0.541 | 0.735 | 1076.697 | 0.999 | 14.662 |
| 9/24/2018 5:45 | 1520100.001 | 13.084 | 17.633 | 29.824 | 928.429 | 1080.459 | 0.54 | 0.735 | 1077.088 | 0.999 | 14.665 |
| 9/24/2018 6:00 | 1521000.001 | 13.08 | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|-------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 9/25/2018 14:30 | 1638000.001 | 13.078 | 17.634 | 29.808 | 946.744 | 1101.76 | 0.551 | 0.749 | 1056.252 | 0.999 | 14.715 |
| 9/25/2018 14:45 | 1638900.001 | 13.081 | 17.633 | 29.816 | 946.836 | 1101.876 | 0.552 | 0.749 | 1056.149 | 0.999 | 14.709 |
| 9/25/2018 15:00 | 1639800.001 | 13.082 | 17.633 | 29.818 | 946.367 | 1101.329 | 0.551 | 0.749 | 1056.673 | 0.999 | 14.707 |
| 9/25/2018 15:15 | 1640700.001 | 13.083 | 17.633 | 29.821 | 944.706 | 1099.409 | 0.55 | 0.748 | 1058.331 | 0.999 | 14.707 |
| 9/25/2018 15:30 | 1641600.001 | 13.081 | 17.633 | 29.816 | 947.24 | 1102.35 | 0.552 | 0.75 | 1055.699 | 0.999 | 14.708 |
| 9/25/2018 15:45 | 1642500.001 | 13.083 | 17.633 | 29.821 | 943.886 | 1098.44 | 0.555 | 0.747 | 1059.45 | 0.999 | 14.707 |
| 9/25/2018 16:00 | 1643400.001 | 13.079 | 17.633 | 29.812 | 945.2 | 1099.76 | 0.551 | 0.748 | 1057.977 | 0.999 | 14.708 |
| 9/25/2018 16:15 | 1644300.001 | 13.081 | 17.633 | 29.815 | 941.34 | 1095.484 | 0.548 | 0.745 | 1062.316 | 0.999 | 14.707 |
| 9/25/2018 16:30 | 1645200.001 | 13.08 | 17.633 | 29.814 | 946.003 | 1100.912 | 0.551 | 0.749 | 1057.079 | 0.999 | 14.706 |
| 9/25/2018 16:45 | 1646100.001 | 13.086 | 17.633 | 29.826 | 941.22 | 1095.342 | 0.548 | 0.745 | 1062.451 | 0.999 | 14.701 |
| 9/25/2018 17:00 | 1647000.001 | 13.085 | 17.633 | 29.824 | 943.814 | 1098.363 | 0.55 | 0.747 | 1059.53 | 0.999 | 14.702 |
| 9/25/2018 17:15 | 1647900.001 | 13.086 | 17.633 | 29.828 | 942.334 | 1096.647 | 0.549 | 0.746 | 1061.195 | 0.999 | 14.699 |
| 9/25/2018 17:30 | 1648800.001 | 13.086 | 17.633 | 29.826 | 944.460 | 1099.17 | 0.55 | 0.747 | 1058.796 | 0.999 | 14.698 |
| 9/25/2018 17:45 | 1649700.001 | 13.085 | 17.633 | 29.826 | 943.518 | 1098.012 | 0.55 | 0.747 | 1059.863 | 0.999 | 14.699 |
| 9/25/2018 18:00 | 1650600.001 | 13.086 | 17.633 | 29.827 | 940.198 | 1094.166 | 0.548 | 0.744 | 1063.605 | 0.999 | 14.698 |
| 9/25/2018 18:15 | 1651500.001 | 13.086 | 17.633 | 29.826 | 942.077 | 1096.338 | 0.549 | 0.746 | 1061.484 | 0.999 | 14.697 |
| 9/25/2018 18:30 | 1652400.001 | 13.084 | 17.633 | 29.823 | 941.315 | 1095.459 | 0.548 | 0.745 | 1062.343 | 0.999 | 14.698 |
| 9/25/2018 18:45 | 1653300.001 | 13.086 | 17.633 | 29.828 | 941.409 | 1095.569 | 0.548 | 0.745 | 1062.237 | 0.999 | 14.699 |
| 9/25/2018 19:00 | 1654200.001 | 13.083 | 17.633 | 29.822 | 939.19 | 1092.918 | 0.547 | 0.743 | 1064.809 | 0.999 | 14.699 |
| 9/25/2018 19:15 | 1655100.001 | 13.078 | 17.633 | 29.808 | 937.174 | 1090.642 | 0.546 | 0.742 | 1067.038 | 0.999 | 14.706 |
| 9/25/2018 19:30 | 1656000.001 | 13.078 | 17.633 | 29.809 | 937.444 | 1090.952 | 0.546 | 0.742 | 1066.73 | 0.999 | 14.704 |
| 9/25/2018 19:45 | 1656900.001 | 13.074 | 17.633 | 29.799 | 934.96 | 1088.072 | 0.544 | 0.74 | 1069.564 | 0.999 | 14.71 |
| 9/25/2018 20:00 | 1657800.001 | 13.074 | 17.633 | 29.799 | 933.525 | 1086.392 | 0.543 | 0.739 | 1071.208 | 0.999 | 14.708 |
| 9/25/2018 20:15 | 1658700.001 | 13.081 | 17.633 | 29.815 | 933.402 | 1086.25 | 0.543 | 0.739 | 1071.35 | 0.999 | 14.703 |
| 9/25/2018 20:30 | 1659600.001 | 13.077 | 17.633 | 29.806 | 934.19 | 1087.164 | 0.544 | 0.739 | 1070.445 | 0.999 | 14.707 |
| 9/25/2018 20:45 | 1660500.001 | 13.072 | 17.633 | 29.794 | 933.853 | 1086.777 | 0.544 | 0.739 | 1070.832 | 0.999 | 14.712 |
| 9/25/2018 21:00 | 1661400.001 | 13.074 | 17.633 | 29.8 | 934.672 | 1087.722 | 0.544 | 0.74 | 1069.894 | 0.999 | 14.711 |
| 9/25/2018 21:15 | 1662300.001 | 13.073 | 17.633 | 29.798 | 933.295 | 1086.125 | 0.543 | 0.739 | 1071.473 | 0.999 | 14.713 |
| 9/25/2018 21:30 | 1663200.001 | 13.07 | 17.633 | 29.79 | 933.749 | 1086.652 | 0.544 | 0.739 | 1070.951 | 0.999 | 14.717 |
| 9/25/2018 21:45 | 1664100.001 | 13.074 | 17.633 | 29.8 | 932.288 | 1084.95 | 0.543 | 0.738 | 1072.629 | 0.999 | 14.714 |
| 9/25/2018 22:00 | 1665000.001 | 13.07 | 17.633 | 29.79 | 931.257 | 1083.956 | 0.542 | 0.739 | 1073.818 | 0.999 | 14.719 |
| 9/25/2018 22:15 | 1665900.001 | 13.073 | 17.633 | 29.798 | 931.841 | 1084.338 | 0.542 | 0.737 | 1073.145 | 0.999 | 14.717 |
| 9/25/2018 22:30 | 1666800.001 | 13.072 | 17.633 | 29.795 | 930.637 | 1083.041 | 0.542 | 0.736 | 1074.533 | 0.999 | 14.719 |
| 9/25/2018 22:45 | 1667700.001 | 13.071 | 17.633 | 29.793 | 931.976 | 1084.59 | 0.543 | 0.738 | 1072.99 | 0.999 | 14.719 |
| 9/25/2018 23:00 | 1668600.001 | 13.07 | 17.633 | 29.79 | 932.66 | 1085.393 | 0.543 | 0.738 | 1072.202 | 0.999 | 14.721 |
| 9/25/2018 23:15 | 1669500.001 | 13.075 | 17.632 | 29.801 | 932.079 | 1084.722 | 0.543 | 0.738 | 1072.87 | 0.999 | 14.716 |
| 9/25/2018 23:30 | 1670400.001 | 13.078 | 17.633 | 29.806 | 934.058 | 1087.02 | 0.544 | 0.739 | 1070.971 | 0.999 | 14.714 |
| 9/25/2018 23:45 | 1671300.001 | 13.072 | 17.633 | 29.795 | 933.492 | 1086.344 | 0.543 | 0.739 | 1071.247 | 0.999 | 14.719 |
| 9/26/2018 0:00 | 1672200.001 | 13.072 | 17.633 | 29.795 | 937.279 | 1090.76 | 0.546 | 0.742 | 1066.918 | 0.999 | 14.719 |
| 9/26/2018 0:15 | 1673100.001 | 13.075 | 17.633 | 29.803 | 934.888 | 1087.984 | 0.544 | 0.74 | 1069.646 | 0.999 | 14.716 |
| 9/26/2018 0:30 | 1674000.001 | 13.077 | 17.633 | 29.805 | 932.749 | 1085.492 | 0.543 | 0.738 | 1072.1 | 0.999 | 14.715 |
| 9/26/2018 0:45 | 1674900.001 | 13.079 | 17.633 | 29.812 | 933.627 | 1086.519 | 0.544 | 0.739 | 1071.091 | 0.999 | 14.714 |
| 9/26/2018 1:00 | 1675800.001 | 13.074 | 17.633 | 29.8 | 935.537 | 1088.737 | 0.545 | 0.74 | 1068.905 | 0.999 | 14.72 |
| 9/26/2018 1:15 | 1676700.001 | 13.077 | 17.633 | 29.806 | 932.122 | 1085.218 | 0.543 | 0.738 | 1072.733 | 0.999 | 14.716 |
| 9/26/2018 1:30 | 1677600.001 | 13.072 | 17.633 | 29.796 | 933.104 | 1085.912 | 0.543 | 0.738 | 1071.691 | 0.999 | 14.721 |
| 9/26/2018 1:45 | 1678500.001 | 13.073 | 17.633 | 29.798 | 931.613 | 1084.168 | 0.542 | 0.737 | 1073.407 | 0.999 | 14.719 |
| 9/26/2018 2:00 | 1679400.001 | 13.074 | 17.633 | 29.799 | 930.1 | 1082.407 | 0.541 | 0.736 | 1075.153 | 0.999 | 14.719 |
| 9/26/2018 2:15 | 1680300.001 | 13.071 | 17.633 | 29.792 | 931.36 | 1083.876 | 0.542 | 0.737 | 1073.699 | 0.999 | 14.722 |
| 9/26/2018 2:30 | 1681200.001 | 13.075 | 17.633 | 29.802 | 932.759 | 1085.501 | 0.543 | 0.738 | 1072.089 | 0.999 | 14.719 |
| 9/26/2018 2:45 | 1682100.001 | 13.075 | 17.633 | 29.802 | 932.605 | 1085.222 | 0.543 | 0.738 | 1072.266 | 0.999 | 14.72 |
| 9/26/2018 3:00 | 1683000.001 | 13.074 | 17.633 | 29.8 | 934.102 | 1087.062 | 0.544 | 0.739 | 1070.547 | 0.999 | 14.72 |
| 9/26/2018 3:15 | 1683900.001 | 13.081 | 17.633 | 29.816 | 930.689 | 1083.099 | 0.542 | 0.737 | 1074.473 | 0.999 | 14.713 |
| 9/26/2018 3:30 | 1684800.001 | 13.08 | 17.633 | 29.813 | 930.659 | 1083.05 | 0.542 | 0.736 | 1074.507 | 0.999 | 14.719 |
| 9/26/2018 3:45 | 1685700.001 | 13.078 | 17.633 | 29.809 | 933.304 | 1086.144 | 0.543 | 0.739 | 1071.463 | 0.999 | 14.717 |
| 9/26/2018 4:00 | 1686600.001 | 13.081 | 17.633 | 29.816 | 933.774 | 1086.688 | 0.544 | 0.739 | 1070.923 | 0.999 | 14.712 |
| 9/26/2018 4:15 | 1687500.001 | 13.083 | 17.633 | 29.821 | 931.633 | 1084.195 | 0.542 | 0.737 | 1073.386 | 0.999 | 14.709 |
| 9/26/2018 4:30 | 1688400.001 | 13.081 | 17.632 | 29.815 | 932.934 | 1085.718 | 0.543 | 0.738 | 1071.887 | 0.999 | 14.712 |
| 9/26/2018 4:45 | 1689300.001 | 13.08 | 17.632 | 29.813 | 931.005 | 1083.473 | 0.542 | 0.737 | 1074.108 | 0.999 | 14.713 |
| 9/26/2018 5:00 | 1690200.001 | 13.074 | 17.632 | 29.801 | 932.194 | 1084.855 | 0.543 | 0.738 | 1072.738 | 0.999 | 14.717 |
| 9/26/2018 5:15 | 1691100.001 | 13.076 | 17.633 | 29.805 | 931.917 | 1084.52 | 0.542 | 0.737 | 1073.057 | 0.999 | 14.715 |
| 9/26/2018 5:30 | 1692000.001 | 13.075 | 17.632 | 29.803 | 931.167 | 1083.662 | 0.542 | 0.737 | 1073.921 | 0.999 | 14.717 |
| 9/26/2018 5:45 | 1692900.001 | 13.075 | 17.633 | 29.803 | 930.87 | 1083.164 | 0.542 | 0.737 | 1074.21 | 0.999 | 14.718 |
| 9/26/2018 6:00 | 1693800.001 | 13.075 | 17.633 | 29.801 | 930.324 | 1082.67 | 0.542 | 0.736 | 1074.894 | 0.999 | 14.72 |
| 9/26/2018 6:15 | 1694700.001 | 13.073 | 17.633 | 29.798 | 930.316 | 1082.663 | 0.542 | 0.736 | 1074.903 | 0.999 | 14.721 |
| 9/26/2018 6:30 | 1695600.001 | 13.076 | 17.633 | 29.803 | 932.751 | 1085.489 | 0.543 | 0.738 | 1072.097 | 0.999 | 14.722 |
| 9/26/2018 6:45 | 1696500.001 | 13.068 | 17.633 | 29.786 | 932.863 | 1085.629 | 0.543 | 0.738 | 1071.969 | 0.999 | 14.727 |
| 9/26/2018 7:00 | 1697400.001 | 13.071 | 17.633 | 29.792 | 931.963 | 1084.575 | 0.543 | 0.738 | 1073.004 | 0.999 | 14.725 |
| 9/26/2018 7:15 | 1698300.001 | 13.077 | 17.633 | 29.79 | 932.391 | 1085.096 | 0.543 | 0.738 | 1072.512 | 0.999 | 14.726 |
| 9/26/2018 7:30 | 1699200.001 | 13.066 | 17.633 | 29.781 | 931.103 | 1083.583 | 0.542 | 0.737 | 1073.995 | 0.999 | 14.732 |
| 9/26/2018 7:45 | 1700100.001 | 13.064 | 17.632 | 29.776 | 931.142 | 1083.633 | 0.542 | 0.737 | 1073.95 | 0.999 | 14.734 |
| 9/26/2018 8:00 | 1701000.001 | 13.07 | 17.632 | 29.79 | 930.13 | 1082.455 | 0.541 | 0.736 | 1075.119 | 0.999 | 14.734 |
| 9/26/2018 8:15 | 1701900.001 | 13.065 | 17.632 | 29.779 | 933.014 | 1085.818 | 0.543 | 0.738 | 1071.795 | 0.999 | 14.737 |
| 9/26/2018 8:30 | 1702800.001 | 13.062 | 17.633 | 29.772 | 932.05 | 1084.679 | 0.543 | 0.738 | 1072.903 | 0.999 | 14.74 |
| 9/26/2018 8:45 | 1703700.001 | 13.067 | 17.633 | 29.784 | 930.846 | 1083.953 | 0.541 | 0.735 | 1076.004 | 0.999 | 14.735 |
| 9/26/2018 9:00 | 1704600.001 | 13.069 | 17.633 | 29.787 | 931.375 | 1083.887 | 0.542 | 0.737 | 1073.681 | 0.999 | 14.735 |
| 9/26/2018 9:15 | 1705500.001 | 13.067 | 17.632 | 29.784 | 929.806 | 1082.078 | 0.541 | 0.736 | 1075.494 | 0.999 | 14.738 |
| 9/26/2018 9:30 | 1706400.001 | 13.067 | 17.633 | 29.783 | 932.24 | 1084.903 | 0.543 | 0.738 | 1072.685 | 0.999 | 14.738 |
| 9/26/2018 9:45 | 1707300.001 | 13.068 | 17.633 | 29.786 | 933.743 | 1086.641 | 0.544 | 0.739 | 1070.959 | 0.999 | 14.738 |
| 9/26/2018 10:00 | 1708200.001 | 13.06 | 17.633 | 29.768 | 932.66 | 1085.387 | 0.543 | 0.738 | 1072.202 | 0.999 | 14.746 |
| 9/26/2018 10:15 | 1709100.001 | 13.07 | 17.632 | 29.79 | 935.084 | 1088.224 | 0.544 | 0.74 | 1069.423 | 0.999 | 14.738 |
| 9/26/2018 10:30 | 1710000.001 | 13.074 | 17.633 | 29.8 | 939.529 | 1093.383 | 0.547 | 0.744 | 1064.363 | 0.999 | 14.735 |
| 9/26/2018 10:45 | 1710900.001 | 13.071 | 17.633 | 29.792 | 9 | | | | | | |

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|-----------------|-------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 9/27/2018 19:15 | 1827900.001 | 13.088 | 17.632 | 29.831 | 942.931 | 1097.351 | 0.549 | 0.746 | 1060.523 | 0.999 | 14.685 |
| 9/27/2018 19:30 | 1828800.001 | 13.082 | 17.633 | 29.818 | 943.749 | 1098.292 | 0.55 | 0.747 | 1059.604 | 0.999 | 14.686 |
| 9/27/2018 19:45 | 1829700.001 | 13.086 | 17.633 | 29.827 | 942.556 | 1096.909 | 0.549 | 0.746 | 1060.945 | 0.999 | 14.68 |
| 9/27/2018 20:00 | 1830600.001 | 13.084 | 17.632 | 29.822 | 943.926 | 1098.51 | 0.55 | 0.747 | 1059.405 | 0.999 | 14.682 |
| 9/27/2018 20:15 | 1831500.001 | 13.083 | 17.633 | 29.821 | 939.451 | 1093.298 | 0.547 | 0.743 | 1064.451 | 0.999 | 14.682 |
| 9/27/2018 20:30 | 1832400.001 | 13.077 | 17.632 | 29.807 | 942.228 | 1096.536 | 0.549 | 0.746 | 1061.315 | 0.999 | 14.688 |
| 9/27/2018 20:45 | 1833300.001 | 13.085 | 17.632 | 29.805 | 940.665 | 1094.997 | 0.548 | 0.745 | 1063.19 | 0.999 | 14.679 |
| 9/27/2018 21:00 | 1834200.001 | 13.085 | 17.633 | 29.824 | 948.92 | 1104.31 | 0.553 | 0.751 | 1053.829 | 0.999 | 14.681 |
| 9/27/2018 21:15 | 1835100.001 | 13.087 | 17.633 | 29.83 | 942.083 | 1096.361 | 0.549 | 0.746 | 1061.478 | 0.999 | 14.677 |
| 9/27/2018 21:30 | 1836000.001 | 13.085 | 17.633 | 29.826 | 942.044 | 1096.309 | 0.549 | 0.745 | 1061.522 | 0.999 | 14.679 |
| 9/27/2018 21:45 | 1836900.001 | 13.086 | 17.632 | 29.827 | 945.861 | 1100.76 | 0.551 | 0.749 | 1057.238 | 0.999 | 14.68 |
| 9/27/2018 22:00 | 1837800.001 | 13.082 | 17.632 | 29.817 | 946.72 | 1101.765 | 0.551 | 0.749 | 1056.278 | 0.999 | 14.682 |
| 9/27/2018 22:15 | 1838700.001 | 13.083 | 17.632 | 29.821 | 944.652 | 1099.58 | 0.55 | 0.748 | 1058.915 | 0.999 | 14.679 |
| 9/27/2018 22:30 | 1839600.001 | 13.082 | 17.633 | 29.819 | 944.313 | 1098.955 | 0.55 | 0.747 | 1058.977 | 0.999 | 14.681 |
| 9/27/2018 22:45 | 1840500.001 | 13.088 | 17.633 | 29.831 | 945.448 | 1100.267 | 0.551 | 0.748 | 1057.699 | 0.999 | 14.675 |
| 9/27/2018 23:00 | 1841400.001 | 13.08 | 17.632 | 29.813 | 944.805 | 1099.532 | 0.55 | 0.748 | 1058.419 | 0.999 | 14.683 |
| 9/27/2018 23:15 | 1842300.001 | 13.088 | 17.633 | 29.832 | 944.259 | 1098.894 | 0.55 | 0.747 | 1059.031 | 0.999 | 14.673 |
| 9/27/2018 23:30 | 1843200.001 | 13.08 | 17.633 | 29.814 | 943.132 | 1097.578 | 0.549 | 0.746 | 1060.297 | 0.999 | 14.681 |
| 9/27/2018 23:45 | 1844100.001 | 13.074 | 17.632 | 29.804 | 942.638 | 1098.745 | 0.55 | 0.747 | 1059.73 | 0.999 | 14.677 |
| 9/28/2018 0:00 | 1845000.001 | 13.08 | 17.633 | 29.814 | 942.535 | 1096.887 | 0.549 | 0.746 | 1060.969 | 0.999 | 14.68 |
| 9/28/2018 0:15 | 1845900.001 | 13.082 | 17.632 | 29.819 | 944.514 | 1099.206 | 0.55 | 0.747 | 1058.746 | 0.999 | 14.68 |
| 9/28/2018 0:30 | 1846800.001 | 13.08 | 17.633 | 29.814 | 945.479 | 1100.311 | 0.551 | 0.748 | 1057.665 | 0.999 | 14.682 |
| 9/28/2018 0:45 | 1847700.001 | 13.077 | 17.632 | 29.807 | 945.346 | 1100.163 | 0.551 | 0.748 | 1057.813 | 0.999 | 14.685 |
| 9/28/2018 1:00 | 1848600.001 | 13.083 | 17.632 | 29.82 | 947.76 | 1102.979 | 0.552 | 0.75 | 1055.12 | 0.999 | 14.68 |
| 9/28/2018 1:15 | 1849500.001 | 13.085 | 17.632 | 29.825 | 945.513 | 1100.327 | 0.551 | 0.748 | 1057.627 | 0.999 | 14.677 |
| 9/28/2018 1:30 | 1850400.001 | 13.082 | 17.633 | 29.818 | 944.527 | 1099.205 | 0.55 | 0.747 | 1058.731 | 0.999 | 14.68 |
| 9/28/2018 1:45 | 1851300.001 | 13.087 | 17.632 | 29.829 | 944.308 | 1098.957 | 0.55 | 0.747 | 1058.977 | 0.999 | 14.675 |
| 9/28/2018 2:00 | 1852200.001 | 13.083 | 17.632 | 29.821 | 941.743 | 1095.972 | 0.548 | 0.745 | 1061.861 | 0.999 | 14.678 |
| 9/28/2018 2:15 | 1853100.001 | 13.079 | 17.633 | 29.811 | 942.978 | 1097.399 | 0.549 | 0.746 | 1060.47 | 0.999 | 14.682 |
| 9/28/2018 2:30 | 1854000.001 | 13.086 | 17.633 | 29.827 | 943.265 | 1097.733 | 0.549 | 0.746 | 1060.147 | 0.999 | 14.677 |
| 9/28/2018 2:45 | 1854900.001 | 13.082 | 17.632 | 29.817 | 944.299 | 1098.942 | 0.55 | 0.747 | 1058.987 | 0.999 | 14.679 |
| 9/28/2018 3:00 | 1855800.001 | 13.082 | 17.632 | 29.819 | 940.831 | 1094.911 | 0.548 | 0.745 | 1062.89 | 0.999 | 14.676 |
| 9/28/2018 3:15 | 1856700.001 | 13.083 | 17.632 | 29.819 | 942.79 | 1097.197 | 0.549 | 0.746 | 1060.682 | 0.999 | 14.677 |
| 9/28/2018 3:30 | 1857600.001 | 13.092 | 17.632 | 29.842 | 940.413 | 1094.422 | 0.548 | 0.744 | 1063.362 | 0.999 | 14.672 |
| 9/28/2018 3:45 | 1858500.001 | 13.084 | 17.633 | 29.823 | 941.753 | 1095.973 | 0.548 | 0.745 | 1061.85 | 0.999 | 14.676 |
| 9/28/2018 4:00 | 1859400.001 | 13.085 | 17.632 | 29.825 | 945.47 | 1100.309 | 0.551 | 0.748 | 1057.675 | 0.999 | 14.673 |
| 9/28/2018 4:15 | 1860300.001 | 13.087 | 17.632 | 29.83 | 943.71 | 1098.62 | 0.55 | 0.747 | 1059.487 | 0.999 | 14.67 |
| 9/28/2018 4:30 | 1861200.001 | 13.085 | 17.632 | 29.824 | 943.617 | 1098.149 | 0.55 | 0.747 | 1059.751 | 0.999 | 14.673 |
| 9/28/2018 4:45 | 1862100.001 | 13.09 | 17.632 | 29.837 | 943.982 | 1098.578 | 0.55 | 0.747 | 1059.342 | 0.999 | 14.667 |
| 9/28/2018 5:00 | 1863000.001 | 13.089 | 17.632 | 29.835 | 939.692 | 1093.583 | 0.547 | 0.744 | 1064.178 | 0.999 | 14.667 |
| 9/28/2018 5:15 | 1863900.001 | 13.09 | 17.632 | 29.837 | 940.463 | 1094.479 | 0.548 | 0.744 | 1063.306 | 0.999 | 14.667 |
| 9/28/2018 5:30 | 1864800.001 | 13.087 | 17.633 | 29.829 | 941.383 | 1095.544 | 0.548 | 0.745 | 1062.267 | 0.999 | 14.668 |
| 9/28/2018 5:45 | 1865700.001 | 13.088 | 17.633 | 29.831 | 940.741 | 1094.8 | 0.548 | 0.744 | 1062.991 | 0.999 | 14.67 |
| 9/28/2018 6:00 | 1866600.001 | 13.083 | 17.632 | 29.82 | 942.009 | 1096.282 | 0.549 | 0.745 | 1061.561 | 0.999 | 14.674 |
| 9/28/2018 6:15 | 1867500.001 | 13.078 | 17.632 | 29.809 | 943.43 | 1097.941 | 0.549 | 0.747 | 1059.963 | 0.999 | 14.682 |
| 9/28/2018 6:30 | 1868400.001 | 13.076 | 17.633 | 29.804 | 941.476 | 1095.652 | 0.548 | 0.745 | 1062.162 | 0.999 | 14.682 |
| 9/28/2018 6:45 | 1869300.001 | 13.075 | 17.632 | 29.803 | 943.063 | 1097.503 | 0.549 | 0.746 | 1060.375 | 0.999 | 14.682 |
| 9/28/2018 7:00 | 1870200.001 | 13.072 | 17.632 | 29.795 | 941.294 | 1095.455 | 0.548 | 0.745 | 1062.368 | 0.999 | 14.687 |
| 9/28/2018 7:15 | 1871100.001 | 13.076 | 17.633 | 29.804 | 941.481 | 1095.657 | 0.548 | 0.745 | 1062.156 | 0.999 | 14.684 |
| 9/28/2018 7:30 | 1872000.001 | 13.071 | 17.633 | 29.792 | 941.575 | 1095.654 | 0.548 | 0.745 | 1062.163 | 0.999 | 14.689 |
| 9/28/2018 7:45 | 1872900.001 | 13.069 | 17.632 | 29.789 | 942.925 | 1097.358 | 0.549 | 0.746 | 1060.53 | 0.999 | 14.693 |
| 9/28/2018 8:00 | 1873800.001 | 13.068 | 17.632 | 29.786 | 941.854 | 1096.099 | 0.549 | 0.745 | 1061.736 | 0.999 | 14.696 |
| 9/28/2018 8:15 | 1874700.001 | 13.074 | 17.632 | 29.799 | 942.853 | 1097.269 | 0.549 | 0.746 | 1060.61 | 0.999 | 14.69 |
| 9/28/2018 8:30 | 1875600.001 | 13.07 | 17.632 | 29.791 | 941.839 | 1096.088 | 0.549 | 0.745 | 1061.752 | 0.999 | 14.691 |
| 9/28/2018 8:45 | 1876500.001 | 13.081 | 17.632 | 29.814 | 940.133 | 1094.107 | 0.547 | 0.744 | 1063.68 | 0.999 | 14.683 |
| 9/28/2018 9:00 | 1877400.001 | 13.071 | 17.632 | 29.793 | 941.69 | 1095.912 | 0.548 | 0.745 | 1061.92 | 0.999 | 14.691 |
| 9/28/2018 9:15 | 1878300.001 | 13.072 | 17.633 | 29.796 | 941.737 | 1095.953 | 0.548 | 0.745 | 1061.867 | 0.999 | 14.691 |
| 9/28/2018 9:30 | 1879200.001 | 13.068 | 17.632 | 29.787 | 943.335 | 1097.831 | 0.549 | 0.747 | 1060.069 | 0.999 | 14.696 |
| 9/28/2018 9:45 | 1880100.001 | 13.075 | 17.633 | 29.802 | 940.953 | 1095.044 | 0.548 | 0.745 | 1062.752 | 0.999 | 14.69 |
| 9/28/2018 10:00 | 1881000.001 | 13.069 | 17.632 | 29.788 | 943.614 | 1098.154 | 0.55 | 0.747 | 1059.75 | 0.999 | 14.697 |
| 9/28/2018 10:15 | 1881900.001 | 13.073 | 17.632 | 29.797 | 942.61 | 1096.977 | 0.549 | 0.746 | 1060.884 | 0.999 | 14.691 |
| 9/28/2018 10:30 | 1882800.001 | 13.068 | 17.632 | 29.792 | 945.76 | 1100.237 | 0.55 | 0.748 | 1057.556 | 0.999 | 14.697 |
| 9/28/2018 10:45 | 1883700.001 | 13.074 | 17.632 | 29.8 | 947.218 | 1102.342 | 0.552 | 0.75 | 1055.723 | 0.999 | 14.693 |
| 9/28/2018 11:00 | 1884600.001 | 13.071 | 17.632 | 29.792 | 945.751 | 1100.635 | 0.551 | 0.748 | 1057.36 | 0.999 | 14.696 |
| 9/28/2018 11:15 | 1885500.001 | 13.073 | 17.632 | 29.798 | 947.41 | 1102.568 | 0.552 | 0.75 | 1055.509 | 0.999 | 14.694 |
| 9/28/2018 11:30 | 1886400.001 | 13.071 | 17.632 | 29.793 | 947.227 | 1102.352 | 0.552 | 0.75 | 1055.713 | 0.999 | 14.696 |
| 9/28/2018 11:45 | 1887300.001 | 13.076 | 17.633 | 29.803 | 945.256 | 1100.054 | 0.551 | 0.748 | 1057.915 | 0.999 | 14.693 |
| 9/28/2018 12:00 | 1888200.001 | 13.073 | 17.632 | 29.793 | 946.026 | 1100.954 | 0.548 | 0.745 | 1057.653 | 0.999 | 14.694 |
| 9/28/2018 12:15 | 1889100.001 | 13.078 | 17.632 | 29.809 | 951.827 | 1107.703 | 0.555 | 0.753 | 1050.611 | 0.999 | 14.689 |
| 9/28/2018 12:30 | 1890000.001 | 13.076 | 17.633 | 29.805 | 950.619 | 1106.295 | 0.554 | 0.752 | 1051.946 | 0.999 | 14.691 |
| 9/28/2018 12:45 | 1890900.001 | 13.073 | 17.632 | 29.798 | 952.927 | 1108.996 | 0.555 | 0.754 | 1049.398 | 0.999 | 14.694 |
| 9/28/2018 13:00 | 1891800.001 | 13.083 | 17.632 | 29.821 | 948.595 | 1103.946 | 0.553 | 0.751 | 1054.191 | 0.999 | 14.685 |
| 9/28/2018 13:15 | 1892700.001 | 13.085 | 17.632 | 29.825 | 950.163 | 1105.773 | 0.554 | 0.752 | 1052.451 | 0.999 | 14.685 |
| 9/28/2018 13:30 | 1893600.001 | 13.077 | 17.632 | 29.807 | 955.653 | 1121.156 | 0.557 | 0.756 | 1046.405 | 0.999 | 14.691 |
| 9/28/2018 13:45 | 1894500.001 | 13.085 | 17.633 | 29.826 | 953.27 | 1109.369 | 0.555 | 0.754 | 1049.021 | 0.999 | 14.68 |
| 9/28/2018 14:00 | 1895400.001 | 13.086 | 17.633 | 29.826 | 956.033 | 1112.583 | 0.557 | 0.757 | 1045.989 | 0.999 | 14.68 |
| 9/28/2018 14:15 | 1896300.001 | 13.087 | 17.632 | 29.83 | 958.951 | 1116 | 0.559 | 0.759 | 1042.806 | 0.999 | 14.677 |
| 9/28/2018 14:30 | 1897200.001 | 13.088 | 17.632 | 29.831 | 954.256 | 1110.53 | 0.556 | 0.755 | 1047.937 | 0.999 | 14.674 |
| 9/28/2018 14:45 | 1898100.001 | 13.092 | 17.632 | 29.84 | 956.603 | 1113.261 | 0.557 | 0.757 | 1045.366 | 0.999 | 14.671 |
| 9/28/2018 15:00 | 1899000.001 | 13.094 | 17.633 | 29.845 | 960.095 | 1117.32 | 0.56 | 0.76 | 1041.564 | 0.999 | 14.667 |
| 9/28/2018 15:15 | 1899900.001 | 13.092 | 17.632 | 29.841 | 957.363 | 1114.152 | 0.558 | 0.758 | 1045.534 | 0.999 | 14.668 |
| 9/28/2018 15:30 | 1900800.001 | 13.093 | 17.633 | 29.844 | 957.63 | | | | | | |

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|-----------------|-------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 9/30/2018 0:00 | 2017800.001 | 13.065 | 17.632 | 29.779 | 951.297 | 1107.088 | 0.554 | 0.753 | 1051.197 | 0.999 | 14.695 |
| 9/30/2018 0:15 | 2018700.001 | 13.065 | 17.632 | 29.78 | 950.101 | 1105.708 | 0.554 | 0.752 | 1052.52 | 0.999 | 14.694 |
| 9/30/2018 0:30 | 2019600.001 | 13.073 | 17.632 | 29.797 | 951.645 | 1107.507 | 0.554 | 0.753 | 1050.812 | 0.999 | 14.689 |
| 9/30/2018 0:45 | 2020500.001 | 13.069 | 17.632 | 29.789 | 952.676 | 1108.702 | 0.555 | 0.754 | 1049.675 | 0.999 | 14.692 |
| 9/30/2018 1:00 | 2021400.001 | 13.072 | 17.632 | 29.795 | 950.945 | 1106.689 | 0.554 | 0.753 | 1051.586 | 0.999 | 14.692 |
| 9/30/2018 1:15 | 2022300.001 | 13.063 | 17.632 | 29.775 | 953.357 | 1109.495 | 0.556 | 0.754 | 1048.925 | 0.999 | 14.7 |
| 9/30/2018 1:30 | 2023200.001 | 13.066 | 17.632 | 29.781 | 949.384 | 1108.473 | 0.555 | 0.754 | 1053.314 | 0.999 | 14.697 |
| 9/30/2018 1:45 | 2024100.001 | 13.072 | 17.632 | 29.795 | 950.587 | 1106.28 | 0.554 | 0.752 | 1051.981 | 0.999 | 14.691 |
| 9/30/2018 2:00 | 2025000.001 | 13.078 | 17.632 | 29.81 | 947.926 | 1103.174 | 0.552 | 0.75 | 1054.935 | 0.999 | 14.686 |
| 9/30/2018 2:15 | 2025900.001 | 13.07 | 17.632 | 29.79 | 953.446 | 1109.603 | 0.556 | 0.755 | 1048.827 | 0.999 | 14.695 |
| 9/30/2018 2:30 | 2026800.001 | 13.071 | 17.632 | 29.793 | 949.487 | 1104.993 | 0.553 | 0.751 | 1053.2 | 0.999 | 14.694 |
| 9/30/2018 2:45 | 2027700.001 | 13.073 | 17.631 | 29.798 | 949.522 | 1105.047 | 0.553 | 0.751 | 1053.161 | 0.999 | 14.692 |
| 9/30/2018 3:00 | 2028600.001 | 13.075 | 17.632 | 29.803 | 953.145 | 1109.243 | 0.555 | 0.754 | 1049.158 | 0.999 | 14.691 |
| 9/30/2018 3:15 | 2029500.001 | 13.072 | 17.632 | 29.808 | 952.677 | 1108.714 | 0.555 | 0.754 | 1049.674 | 0.999 | 14.687 |
| 9/30/2018 3:30 | 2030400.001 | 13.077 | 17.632 | 29.807 | 949.827 | 1105.382 | 0.553 | 0.752 | 1052.823 | 0.999 | 14.688 |
| 9/30/2018 3:45 | 2031300.001 | 13.076 | 17.632 | 29.803 | 952.666 | 1108.701 | 0.555 | 0.754 | 1049.686 | 0.999 | 14.689 |
| 9/30/2018 4:00 | 2032200.001 | 13.08 | 17.632 | 29.813 | 950.707 | 1106.401 | 0.554 | 0.752 | 1051.849 | 0.999 | 14.684 |
| 9/30/2018 4:15 | 2033100.001 | 13.08 | 17.632 | 29.813 | 952.899 | 1108.965 | 0.555 | 0.754 | 1049.43 | 0.999 | 14.685 |
| 9/30/2018 4:30 | 2034000.001 | 13.076 | 17.632 | 29.806 | 954.834 | 1112.226 | 0.556 | 0.756 | 1047.302 | 0.999 | 14.692 |
| 9/30/2018 4:45 | 2034900.001 | 13.079 | 17.632 | 29.81 | 950.797 | 1106.52 | 0.554 | 0.752 | 1051.749 | 0.999 | 14.686 |
| 9/30/2018 5:00 | 2035800.001 | 13.075 | 17.632 | 29.802 | 951.992 | 1107.908 | 0.555 | 0.753 | 1050.429 | 0.999 | 14.687 |
| 9/30/2018 5:15 | 2036700.001 | 13.068 | 17.631 | 29.785 | 950.882 | 1106.627 | 0.554 | 0.753 | 1051.655 | 0.999 | 14.696 |
| 9/30/2018 5:30 | 2037600.001 | 13.073 | 17.632 | 29.797 | 956.809 | 1113.516 | 0.558 | 0.757 | 1045.141 | 0.999 | 14.693 |
| 9/30/2018 5:45 | 2038500.001 | 13.073 | 17.632 | 29.798 | 953.762 | 1109.97 | 0.556 | 0.755 | 1048.48 | 0.999 | 14.691 |
| 9/30/2018 6:00 | 2039400.001 | 13.073 | 17.632 | 29.798 | 953.208 | 1109.221 | 0.555 | 0.754 | 1049.089 | 0.999 | 14.69 |
| 9/30/2018 6:15 | 2040300.001 | 13.075 | 17.632 | 29.801 | 954.421 | 1110.736 | 0.556 | 0.755 | 1047.755 | 0.999 | 14.69 |
| 9/30/2018 6:30 | 2041200.001 | 13.072 | 17.631 | 29.794 | 957.374 | 1114.183 | 0.558 | 0.758 | 1044.523 | 0.999 | 14.692 |
| 9/30/2018 6:45 | 2042100.001 | 13.079 | 17.632 | 29.81 | 953.264 | 1109.395 | 0.555 | 0.754 | 1049.027 | 0.999 | 14.691 |
| 9/30/2018 7:00 | 2043000.001 | 13.07 | 17.632 | 29.791 | 947.51 | 1102.697 | 0.552 | 0.75 | 1055.397 | 0.999 | 14.693 |
| 9/30/2018 7:15 | 2043900.001 | 13.073 | 17.632 | 29.798 | 946.733 | 1101.795 | 0.552 | 0.749 | 1056.264 | 0.999 | 14.691 |
| 9/30/2018 7:30 | 2044800.001 | 13.078 | 17.631 | 29.808 | 944.719 | 1099.462 | 0.55 | 0.748 | 1058.515 | 0.999 | 14.693 |
| 9/30/2018 7:45 | 2045700.001 | 13.069 | 17.632 | 29.789 | 944.765 | 1099.495 | 0.55 | 0.748 | 1058.464 | 0.999 | 14.701 |
| 9/30/2018 8:00 | 2046600.001 | 13.068 | 17.632 | 29.786 | 944.706 | 1099.429 | 0.55 | 0.748 | 1058.53 | 0.999 | 14.698 |
| 9/30/2018 8:15 | 2047500.001 | 13.07 | 17.632 | 29.792 | 944.125 | 1098.755 | 0.55 | 0.747 | 1059.181 | 0.999 | 14.697 |
| 9/30/2018 8:30 | 2048400.001 | 13.069 | 17.632 | 29.788 | 947.564 | 1102.762 | 0.552 | 0.75 | 1055.337 | 0.999 | 14.698 |
| 9/30/2018 8:45 | 2049300.001 | 13.072 | 17.632 | 29.796 | 949.616 | 1105.137 | 0.553 | 0.751 | 1053.057 | 0.999 | 14.695 |
| 9/30/2018 9:00 | 2050200.001 | 13.071 | 17.632 | 29.794 | 950.986 | 1109.221 | 0.554 | 0.753 | 1051.541 | 0.999 | 14.696 |
| 9/30/2018 9:15 | 2051100.001 | 13.07 | 17.632 | 29.791 | 952.544 | 1108.555 | 0.555 | 0.754 | 1049.82 | 0.999 | 14.697 |
| 9/30/2018 9:30 | 2052000.001 | 13.073 | 17.632 | 29.798 | 952.386 | 1108.362 | 0.555 | 0.754 | 1049.995 | 0.999 | 14.694 |
| 9/30/2018 9:45 | 2052900.001 | 13.072 | 17.632 | 29.795 | 957.168 | 1113.924 | 0.558 | 0.757 | 1044.748 | 0.999 | 14.696 |
| 9/30/2018 10:00 | 2053800.001 | 13.077 | 17.632 | 29.808 | 960.482 | 1117.778 | 0.56 | 0.76 | 1041.143 | 0.999 | 14.689 |
| 9/30/2018 10:15 | 2054700.001 | 13.075 | 17.632 | 29.801 | 962.316 | 1119.914 | 0.561 | 0.762 | 1039.16 | 0.999 | 14.693 |
| 9/30/2018 10:30 | 2055600.001 | 13.074 | 17.632 | 29.799 | 961.957 | 1119.498 | 0.561 | 0.761 | 1039.548 | 0.999 | 14.694 |
| 9/30/2018 10:45 | 2056500.001 | 13.073 | 17.632 | 29.797 | 965.882 | 1124.073 | 0.563 | 0.764 | 1035.323 | 0.999 | 14.696 |
| 9/30/2018 11:00 | 2057400.001 | 13.074 | 17.632 | 29.799 | 966.586 | 1124.895 | 0.564 | 0.765 | 1034.569 | 0.999 | 14.694 |
| 9/30/2018 11:15 | 2058300.001 | 13.074 | 17.632 | 29.8 | 964.546 | 1122.514 | 0.562 | 0.763 | 1036.757 | 0.999 | 14.692 |
| 9/30/2018 11:30 | 2059200.001 | 13.079 | 17.632 | 29.812 | 966.147 | 1124.373 | 0.563 | 0.765 | 1035.039 | 0.999 | 14.688 |
| 9/30/2018 11:45 | 2060100.001 | 13.079 | 17.632 | 29.81 | 965.413 | 1123.534 | 0.563 | 0.764 | 1035.826 | 0.999 | 14.687 |
| 9/30/2018 12:00 | 2061000.001 | 13.079 | 17.632 | 29.811 | 968.982 | 1127.687 | 0.565 | 0.767 | 1032.011 | 0.999 | 14.687 |
| 9/30/2018 12:15 | 2061900.001 | 13.086 | 17.632 | 29.828 | 966.001 | 1124.208 | 0.563 | 0.764 | 1035.195 | 0.999 | 14.678 |
| 9/30/2018 12:30 | 2062800.001 | 13.086 | 17.632 | 29.827 | 971.911 | 1131.086 | 0.567 | 0.769 | 1028.9 | 0.999 | 14.679 |
| 9/30/2018 12:45 | 2063700.001 | 13.088 | 17.632 | 29.832 | 971.275 | 1130.347 | 0.566 | 0.769 | 1029.574 | 0.999 | 14.675 |
| 9/30/2018 13:00 | 2064600.001 | 13.08 | 17.632 | 29.814 | 972.312 | 1131.553 | 0.567 | 0.769 | 1028.477 | 0.999 | 14.68 |
| 9/30/2018 13:15 | 2065500.001 | 13.087 | 17.632 | 29.83 | 971.863 | 1131.032 | 0.567 | 0.769 | 1028.951 | 0.999 | 14.674 |
| 9/30/2018 13:30 | 2066400.001 | 13.096 | 17.632 | 29.85 | 974.027 | 1133.549 | 0.568 | 0.771 | 1026.666 | 0.999 | 14.664 |
| 9/30/2018 13:45 | 2067300.001 | 13.091 | 17.632 | 29.838 | 973.044 | 1132.401 | 0.567 | 0.77 | 1027.703 | 0.999 | 14.665 |
| 9/30/2018 14:00 | 2068200.001 | 13.083 | 17.632 | 29.82 | 971.89 | 1131.054 | 0.567 | 0.769 | 1028.933 | 0.999 | 14.674 |
| 9/30/2018 14:15 | 2069100.001 | 13.091 | 17.632 | 29.839 | 969.539 | 1128.325 | 0.565 | 0.767 | 1031.418 | 0.999 | 14.665 |
| 9/30/2018 14:30 | 2070000.001 | 13.089 | 17.632 | 29.834 | 963.314 | 1121.087 | 0.562 | 0.762 | 1038.083 | 0.999 | 14.666 |
| 9/30/2018 14:45 | 2070900.001 | 13.091 | 17.632 | 29.837 | 960.844 | 1118.21 | 0.56 | 0.76 | 1040.752 | 0.999 | 14.662 |
| 9/30/2018 15:00 | 2071800.001 | 13.09 | 17.633 | 29.837 | 965.857 | 1124.026 | 0.56 | 0.764 | 1035.35 | 0.999 | 14.662 |
| 9/30/2018 15:15 | 2072700.001 | 13.091 | 17.632 | 29.837 | 964.221 | 1122.488 | 0.562 | 0.763 | 1036.998 | 0.999 | 14.669 |
| 9/30/2018 15:30 | 2073600.001 | 13.084 | 17.632 | 29.822 | 964.135 | 1122.038 | 0.562 | 0.763 | 1037.199 | 0.999 | 14.667 |
| 9/30/2018 15:45 | 2074500.001 | 13.08 | 17.632 | 29.814 | 958.891 | 1115.935 | 0.559 | 0.759 | 1042.871 | 0.999 | 14.67 |
| 9/30/2018 16:00 | 2075400.001 | 13.085 | 17.632 | 29.825 | 962.825 | 1120.516 | 0.561 | 0.762 | 1038.61 | 0.999 | 14.664 |
| 9/30/2018 16:15 | 2076300.001 | 13.083 | 17.632 | 29.821 | 954.437 | 1110.756 | 0.556 | 0.755 | 1047.738 | 0.999 | 14.665 |
| 9/30/2018 16:30 | 2077200.001 | 13.077 | 17.632 | 29.806 | 961.791 | 1119.318 | 0.561 | 0.761 | 1039.727 | 0.999 | 14.672 |
| 9/30/2018 16:45 | 2078100.001 | 13.083 | 17.632 | 29.817 | 956.003 | 1125.717 | 0.557 | 0.767 | 1046.022 | 0.999 | 14.671 |
| 9/30/2018 17:00 | 2079000.001 | 13.076 | 17.632 | 29.805 | 956.586 | 1113.259 | 0.557 | 0.757 | 1045.385 | 0.999 | 14.671 |
| 9/30/2018 17:15 | 2079900.001 | 13.09 | 17.632 | 29.835 | 957.144 | 1113.906 | 0.558 | 0.757 | 1044.775 | 0.999 | 14.659 |
| 9/30/2018 17:30 | 2080800.001 | 13.087 | 17.632 | 29.83 | 958.382 | 1115.349 | 0.559 | 0.758 | 1043.426 | 0.999 | 14.659 |
| 9/30/2018 17:45 | 2081700.001 | 13.089 | 17.632 | 29.833 | 956.23 | 1112.849 | 0.557 | 0.758 | 1045.774 | 0.999 | 14.658 |
| 9/30/2018 18:00 | 2082600.001 | 13.083 | 17.632 | 29.821 | 958.382 | 1115.339 | 0.559 | 0.758 | 1043.425 | 0.999 | 14.661 |
| 9/30/2018 18:15 | 2083500.001 | 13.095 | 17.632 | 29.847 | 953.963 | 1110.198 | 0.556 | 0.755 | 1048.259 | 0.999 | 14.652 |
| 9/30/2018 18:30 | 2084400.001 | 13.082 | 17.631 | 29.817 | 955.359 | 1111.837 | 0.557 | 0.756 | 1046.727 | 0.999 | 14.653 |
| 9/30/2018 18:45 | 2085300.001 | 13.082 | 17.632 | 29.817 | 954.174 | 1110.45 | 0.556 | 0.755 | 1048.027 | 0.999 | 14.661 |
| 9/30/2018 19:00 | 2086200.001 | 13.091 | 17.632 | 29.838 | 951.385 | 1107.203 | 0.554 | 0.753 | 1051.099 | 0.999 | 14.654 |
| 9/30/2018 19:15 | 2087100.001 | 13.086 | 17.632 | 29.826 | 956.424 | 1113.059 | 0.557 | 0.757 | 1045.562 | 0.999 | 14.658 |
| 9/30/2018 19:30 | 2088000.001 | 13.076 | 17.632 | 29.804 | 954.006 | 1110.248 | 0.556 | 0.755 | 1048.211 | 0.999 | 14.665 |
| 9/30/2018 19:45 | 2088900.001 | 13.079 | 17.632 | 29.811 | 952.343 | 1108.321 | 0.554 | 0.754 | 1050.042 | 0.999 | 14.664 |
| 9/30/2018 20:00 | 2089800.001 | 13.078 | 17.632 | 29.81 | 953.849 | 1110.074 | 0.556 | 0.755 | 1048.384 | 0.999 | 14.663 |
| 9/30/2018 20:15 | 2090700.001 | 13.081 | 17.6 | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|-------------|--------|--------|--------|---------|----------|-------|-------|----------|-------|--------|
| 10/2/2018 4:45 | 2207700.001 | 13.087 | 17.631 | 29.829 | 953.401 | 1109.563 | 0.556 | 0.755 | 1048.877 | 0.999 | 14.623 |
| 10/2/2018 5:00 | 2208600.001 | 13.092 | 17.632 | 29.842 | 952.533 | 1108.54 | 0.555 | 0.754 | 1049.832 | 0.999 | 14.623 |
| 10/2/2018 5:15 | 2209500.001 | 13.081 | 17.631 | 29.815 | 953.372 | 1109.527 | 0.556 | 0.754 | 1048.908 | 0.999 | 14.629 |
| 10/2/2018 5:30 | 2210400.001 | 13.084 | 17.631 | 29.822 | 955.468 | 1111.979 | 0.557 | 0.756 | 1046.608 | 0.999 | 14.627 |
| 10/2/2018 5:45 | 2211300.001 | 13.08 | 17.631 | 29.813 | 954.3 | 1110.612 | 0.556 | 0.755 | 1047.888 | 0.999 | 14.629 |
| 10/2/2018 6:00 | 2212200.001 | 13.074 | 17.631 | 29.799 | 957.463 | 1114.288 | 0.558 | 0.758 | 1044.427 | 0.999 | 14.637 |
| 10/2/2018 6:15 | 2213100.001 | 13.076 | 17.631 | 29.804 | 954.42 | 1110.744 | 0.556 | 0.755 | 1047.757 | 0.999 | 14.637 |
| 10/2/2018 6:30 | 2214000.001 | 13.074 | 17.631 | 29.8 | 951.888 | 1107.812 | 0.555 | 0.753 | 1050.544 | 0.999 | 14.637 |
| 10/2/2018 6:45 | 2214900.001 | 13.078 | 17.631 | 29.81 | 954.228 | 1110.534 | 0.556 | 0.755 | 1047.968 | 0.999 | 14.633 |
| 10/2/2018 7:00 | 2215800.001 | 13.08 | 17.631 | 29.814 | 951.751 | 1107.649 | 0.555 | 0.753 | 1050.695 | 0.999 | 14.636 |
| 10/2/2018 7:15 | 2216700.001 | 13.079 | 17.631 | 29.81 | 952.601 | 1108.628 | 0.555 | 0.754 | 1049.757 | 0.999 | 14.634 |
| 10/2/2018 7:30 | 2217600.001 | 13.085 | 17.631 | 29.825 | 954.025 | 1110.298 | 0.556 | 0.755 | 1048.191 | 0.999 | 14.628 |
| 10/2/2018 7:45 | 2218500.001 | 13.078 | 17.631 | 29.81 | 955.91 | 1112.478 | 0.557 | 0.756 | 1046.124 | 0.999 | 14.632 |
| 10/2/2018 8:00 | 2219400.001 | 13.087 | 17.631 | 29.829 | 953.667 | 1109.87 | 0.556 | 0.755 | 1048.584 | 0.999 | 14.625 |
| 10/2/2018 8:15 | 2220300.001 | 13.073 | 17.631 | 29.798 | 953.518 | 1109.703 | 0.556 | 0.755 | 1048.748 | 0.999 | 14.639 |
| 10/2/2018 8:30 | 2221200.001 | 13.074 | 17.631 | 29.8 | 951.408 | 1107.239 | 0.554 | 0.753 | 1051.074 | 0.999 | 14.639 |
| 10/2/2018 8:45 | 2222100.001 | 13.079 | 17.631 | 29.811 | 956.78 | 1113.493 | 0.558 | 0.757 | 1045.172 | 0.999 | 14.634 |
| 10/2/2018 9:00 | 2223000.001 | 13.075 | 17.632 | 29.802 | 958.053 | 1114.962 | 0.558 | 0.758 | 1043.783 | 0.999 | 14.639 |
| 10/2/2018 9:15 | 2223900.001 | 13.085 | 17.632 | 29.825 | 956.089 | 1113.394 | 0.558 | 0.757 | 1045.271 | 0.999 | 14.629 |
| 10/2/2018 9:30 | 2224800.001 | 13.073 | 17.631 | 29.798 | 958.56 | 1115.567 | 0.559 | 0.759 | 1043.231 | 0.999 | 14.641 |
| 10/2/2018 9:45 | 2225700.001 | 13.07 | 17.632 | 29.791 | 958.716 | 1115.73 | 0.559 | 0.759 | 1043.061 | 0.999 | 14.646 |
| 10/2/2018 10:00 | 2226600.001 | 13.069 | 17.632 | 29.788 | 957.965 | 1114.868 | 0.558 | 0.758 | 1043.879 | 0.999 | 14.647 |
| 10/2/2018 10:15 | 2227500.001 | 13.078 | 17.631 | 29.81 | 961.086 | 1118.502 | 0.56 | 0.761 | 1040.49 | 0.999 | 14.638 |
| 10/2/2018 10:30 | 2228400.001 | 13.071 | 17.632 | 29.792 | 967.692 | 1126.179 | 0.564 | 0.766 | 1033.387 | 0.999 | 14.648 |
| 10/2/2018 10:45 | 2229300.001 | 13.072 | 17.632 | 29.795 | 967.514 | 1125.74 | 0.564 | 0.766 | 1033.891 | 0.999 | 14.646 |
| 10/2/2018 11:00 | 2230200.001 | 13.076 | 17.631 | 29.805 | 969.509 | 1128.311 | 0.565 | 0.767 | 1031.45 | 0.999 | 14.643 |
| 10/2/2018 11:15 | 2231100.001 | 13.075 | 17.632 | 29.803 | 967.19 | 1125.597 | 0.564 | 0.765 | 1033.923 | 0.999 | 14.645 |
| 10/2/2018 11:30 | 2232000.001 | 13.075 | 17.632 | 29.803 | 966.809 | 1125.161 | 0.564 | 0.765 | 1034.33 | 0.999 | 14.643 |
| 10/2/2018 11:45 | 2232900.001 | 13.072 | 17.631 | 29.795 | 973.104 | 1132.491 | 0.568 | 0.77 | 1027.639 | 0.999 | 14.646 |
| 10/2/2018 12:00 | 2233800.001 | 13.075 | 17.631 | 29.802 | 976.106 | 1135.992 | 0.569 | 0.772 | 1024.479 | 0.999 | 14.643 |
| 10/2/2018 12:15 | 2234700.001 | 13.074 | 17.632 | 29.8 | 972.722 | 1132.942 | 0.567 | 0.77 | 1028.943 | 0.999 | 14.645 |
| 10/2/2018 12:30 | 2235600.001 | 13.078 | 17.631 | 29.809 | 974.959 | 1134.667 | 0.569 | 0.772 | 1025.673 | 0.999 | 14.642 |
| 10/2/2018 12:45 | 2236500.001 | 13.079 | 17.631 | 29.812 | 973.672 | 1133.153 | 0.568 | 0.771 | 1027.039 | 0.999 | 14.64 |
| 10/2/2018 13:00 | 2237400.001 | 13.082 | 17.632 | 29.819 | 976.613 | 1136.566 | 0.57 | 0.773 | 1023.947 | 0.999 | 14.638 |
| 10/2/2018 13:15 | 2238300.001 | 13.076 | 17.632 | 29.805 | 978.128 | 1138.328 | 0.571 | 0.774 | 1022.362 | 0.999 | 14.644 |
| 10/2/2018 13:30 | 2239200.001 | 13.085 | 17.632 | 29.824 | 978.566 | 1138.828 | 0.571 | 0.774 | 1021.903 | 0.999 | 14.634 |
| 10/2/2018 13:45 | 2240100.001 | 13.081 | 17.632 | 29.816 | 976.51 | 1136.448 | 0.57 | 0.773 | 1024.055 | 0.999 | 14.637 |
| 10/2/2018 14:00 | 2241000.001 | 13.09 | 17.632 | 29.836 | 975.186 | 1134.896 | 0.569 | 0.772 | 1025.446 | 0.999 | 14.626 |
| 10/2/2018 14:15 | 2241900.001 | 13.086 | 17.632 | 29.826 | 978.294 | 1138.522 | 0.571 | 0.774 | 1022.188 | 0.999 | 14.63 |
| 10/2/2018 14:30 | 2242800.001 | 13.095 | 17.631 | 29.848 | 977.108 | 1137.148 | 0.57 | 0.773 | 1023.428 | 0.999 | 14.621 |
| 10/2/2018 14:45 | 2243700.001 | 13.095 | 17.631 | 29.849 | 974.143 | 1133.698 | 0.568 | 0.771 | 1026.543 | 0.999 | 14.619 |
| 10/2/2018 15:00 | 2244600.001 | 13.091 | 17.631 | 29.838 | 976.692 | 1136.673 | 0.57 | 0.773 | 1023.864 | 0.999 | 14.62 |
| 10/2/2018 15:15 | 2245500.001 | 13.09 | 17.631 | 29.836 | 976.92 | 1136.929 | 0.57 | 0.773 | 1023.626 | 0.999 | 14.623 |
| 10/2/2018 15:30 | 2246400.001 | 13.094 | 17.631 | 29.845 | 976.947 | 1136.566 | 0.569 | 0.773 | 1023.596 | 0.999 | 14.617 |
| 10/2/2018 15:45 | 2247300.001 | 13.093 | 17.632 | 29.843 | 973.229 | 1132.63 | 0.568 | 0.77 | 1027.507 | 0.999 | 14.615 |
| 10/2/2018 16:00 | 2248200.001 | 13.094 | 17.631 | 29.846 | 973.629 | 1133.107 | 0.568 | 0.771 | 1027.085 | 0.999 | 14.614 |
| 10/2/2018 16:15 | 2249100.001 | 13.095 | 17.631 | 29.848 | 973.394 | 1132.827 | 0.568 | 0.77 | 1027.333 | 0.999 | 14.613 |
| 10/2/2018 16:30 | 2250000.001 | 13.095 | 17.632 | 29.848 | 971.938 | 1131.129 | 0.567 | 0.769 | 1028.872 | 0.999 | 14.61 |
| 10/2/2018 16:45 | 2250900.001 | 13.095 | 17.632 | 29.847 | 969.927 | 1128.79 | 0.566 | 0.768 | 1031.005 | 0.999 | 14.61 |
| 10/2/2018 17:00 | 2251800.001 | 13.09 | 17.631 | 29.837 | 973.646 | 1133.119 | 0.568 | 0.771 | 1027.068 | 0.999 | 14.612 |
| 10/2/2018 17:15 | 2252700.001 | 13.095 | 17.632 | 29.847 | 970.001 | 1128.864 | 0.566 | 0.768 | 1030.927 | 0.999 | 14.607 |
| 10/2/2018 17:30 | 2253600.001 | 13.089 | 17.631 | 29.833 | 971.427 | 1130.54 | 0.567 | 0.769 | 1029.413 | 0.999 | 14.613 |
| 10/2/2018 17:45 | 2254500.001 | 13.086 | 17.632 | 29.826 | 971.453 | 1130.55 | 0.567 | 0.769 | 1029.386 | 0.999 | 14.616 |
| 10/2/2018 18:00 | 2255400.001 | 13.083 | 17.631 | 29.821 | 967.33 | 1125.776 | 0.564 | 0.766 | 1033.774 | 0.999 | 14.617 |
| 10/2/2018 18:15 | 2256300.001 | 13.081 | 17.631 | 29.816 | 968.315 | 1126.92 | 0.565 | 0.766 | 1032.722 | 0.999 | 14.62 |
| 10/2/2018 18:30 | 2257200.001 | 13.085 | 17.632 | 29.825 | 968.324 | 1126.924 | 0.565 | 0.766 | 1032.712 | 0.999 | 14.616 |
| 10/2/2018 18:45 | 2258100.001 | 13.078 | 17.631 | 29.809 | 963.576 | 1121.402 | 0.562 | 0.763 | 1037.801 | 0.999 | 14.623 |
| 10/2/2018 19:00 | 2259000.001 | 13.075 | 17.631 | 29.801 | 961.202 | 1118.64 | 0.56 | 0.761 | 1040.364 | 0.999 | 14.627 |
| 10/2/2018 19:15 | 2259900.001 | 13.067 | 17.631 | 29.785 | 962.743 | 1120.435 | 0.561 | 0.762 | 1038.699 | 0.999 | 14.635 |
| 10/2/2018 19:30 | 2260800.001 | 13.064 | 17.631 | 29.777 | 958.356 | 1115.336 | 0.559 | 0.758 | 1043.454 | 0.999 | 14.64 |
| 10/2/2018 19:45 | 2261700.001 | 13.065 | 17.631 | 29.78 | 960.008 | 1117.256 | 0.56 | 0.76 | 1041.658 | 0.999 | 14.641 |
| 10/2/2018 20:00 | 2262600.001 | 13.066 | 17.632 | 29.785 | 961.665 | 1117.74 | 0.561 | 0.761 | 1039.863 | 0.999 | 14.643 |
| 10/2/2018 20:15 | 2263500.001 | 13.055 | 17.631 | 29.757 | 959.692 | 1116.891 | 0.559 | 0.759 | 1042.001 | 0.999 | 14.653 |
| 10/2/2018 20:30 | 2264400.001 | 13.063 | 17.631 | 29.775 | 957.148 | 1113.924 | 0.558 | 0.757 | 1044.77 | 0.999 | 14.647 |
| 10/2/2018 20:45 | 2265300.001 | 13.057 | 17.631 | 29.76 | 960.485 | 1117.81 | 0.56 | 0.76 | 1041.141 | 0.999 | 14.656 |
| 10/2/2018 21:00 | 2266200.001 | 13.055 | 17.632 | 29.756 | 959.698 | 1116.885 | 0.559 | 0.759 | 1041.995 | 0.999 | 14.658 |
| 10/2/2018 21:15 | 2267100.001 | 13.062 | 17.631 | 29.773 | 959.084 | 1116.174 | 0.559 | 0.759 | 1042.662 | 0.999 | 14.653 |
| 10/2/2018 21:30 | 2268000.001 | 13.06 | 17.631 | 29.767 | 957.015 | 1113.767 | 0.557 | 0.757 | 1043.916 | 0.999 | 14.66 |
| 10/2/2018 21:45 | 2268900.001 | 13.059 | 17.631 | 29.766 | 961.015 | 1118.433 | 0.56 | 0.761 | 1040.566 | 0.999 | 14.652 |
| 10/2/2018 22:00 | 2269800.001 | 13.055 | 17.632 | 29.757 | 956.402 | 1113.049 | 0.557 | 0.757 | 1045.586 | 0.999 | 14.668 |
| 10/2/2018 22:15 | 2270700.001 | 13.055 | 17.631 | 29.756 | 959.304 | 1116.436 | 0.559 | 0.759 | 1042.422 | 0.999 | 14.671 |
| 10/2/2018 22:30 | 2271600.001 | 13.06 | 17.631 | 29.767 | 959.9 | 1117.135 | 0.56 | 0.76 | 1041.775 | 0.999 | 14.668 |
| 10/2/2018 22:45 | 2272500.001 | 13.062 | 17.631 | 29.771 | 958.401 | 1115.384 | 0.559 | 0.758 | 1043.405 | 0.999 | 14.667 |
| 10/2/2018 23:00 | 2273400.001 | 13.065 | 17.631 | 29.775 | 956.566 | 1113.114 | 0.557 | 0.757 | 1045.527 | 0.999 | 14.677 |
| 10/2/2018 23:15 | 2274300.001 | 13.06 | 17.631 | 29.768 | 957.123 | 1113.899 | 0.558 | 0.757 | 1044.798 | 0.999 | 14.671 |
| 10/2/2018 23:30 | 2275200.001 | 13.058 | 17.631 | 29.764 | 955.532 | 1112.05 | 0.557 | 0.756 | 1046.537 | 0.999 | 14.675 |
| 10/2/2018 23:45 | 2276100.001 | 13.062 | 17.631 | 29.772 | 957.245 | 1114.043 | 0.558 | 0.758 | 1044.665 | 0.999 | 14.675 |
| 10/3/2018 0:00 | 2277000.001 | 13.063 | 17.631 | 29.775 | 956.293 | 1112.928 | 0.557 | 0.757 | 1045.705 | 0.999 | 14.674 |
| 10/3/2018 0:15 | 2277900.001 | 13.056 | 17.631 | 29.759 | 957.687 | 1114.555 | 0.558 | 0.758 | 1044.183 | 0.999 | 14.682 |
| 10/3/2018 0:30 | 2278800.001 | 13.063 | 17.631 | 29.774 | 957.737 | 1114.609 | 0.558 | 0.758 | 1044.128 | 0.999 | 14.677 |
| 10/3/2018 0:45 | 2279700.001 | 13.068 | 17.632 | 29.782 | 957.5 | 1114.327 | 0.558 | 0.758 | 1044.386 | 0.999 | 14.673 |
| 10/3/2018 1:00 | 2280600.001 | 13.068 | 17.632 | | | | | | | | |

Report Date: 10/8/2018 13:15
 Report User Name: WMassoll
 Report Computer Name: WNST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MPWSP MW-8D LT Test_2018-10-04_11-10-42-493-BaroMerge.wsl
 Create Date: 10/8/2018 13:10

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP MW-8D
 Device Name:
 Serial Number: 469355
 Firmware Version: 2.01
 Hardware Version: 4
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 20
 Used Battery: 11

Log Configuration
 Log Name: MPWSP MW-8D LT Test
 Created By: AVanHaltsma
 Computer Name: PROBOOK2
 Application: WinSitu.exe
 Application Version: 5.6.27.1
 Create Date: 6/22/2017 11:17:22 AM Pacific Daylight Time
 Log Setup Time Zone: Pacific Daylight Time
 Notes Size(bytes): 4096
 Overwrite when full: Enabled
 Scheduled Start Time: 6/22/2017 11:30:00 AM Pacific Daylight Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Specific Gravity
 Depth: 1.012

Other Log Settings
 Depth of Probe: 329.048 (ft)
 Head Pressure: 144.363 (PSI)
 Temperature: 20.3733 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:
 Date and Time Note
 6/22/2017 11:17 Log Download - Used Battery: 11% Used Memory: 20% User Name: AVanHaltsma
 6/22/2017 11:32 Log Download - Used Battery: 11% Used Memory: 20% User Name: AVanHaltsma Interval - Start Time: 6/22/2017 11:30:00 AM Stop Time: 6/22/2017 12:30:00 PM
 6/29/2017 15:12 Log Download - Used Battery: 11% Used Memory: 20% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:00:00 PM
 7/6/2017 7:41 Log Download - Used Battery: 12% Used Memory: 21% User Name: AVanHaltsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 8:30:00 AM
 7/13/2017 13:33 Log Download - Used Battery: 12% Used Memory: 21% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 1:30:00 PM
 7/20/2017 11:15 Log Download - Used Battery: 13% Used Memory: 23% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 11:15:00 AM
 7/27/2017 10:25 Log Download - Used Battery: 13% Used Memory: 23% User Name: AVanHaltsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 11:15:00 AM
 8/3/2017 10:58 Log Download - Used Battery: 13% Used Memory: 25% User Name: AVanHaltsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 11:30:00 AM
 8/10/2017 11:24 Log Download - Used Battery: 14% Used Memory: 25% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 12:15:00 PM
 8/17/2017 12:13 Log Download - Used Battery: 14% Used Memory: 26% User Name: AVanHaltsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 1:00:00 PM
 8/24/2017 9:06 Log Download - Used Battery: 14% Used Memory: 26% User Name: AVanHaltsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 10:00:00 AM
 9/1/2017 12:32 Log Download - Used Battery: 15% Used Memory: 28% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 1:30:00 PM
 9/7/2017 12:58 Log Download - Used Battery: 15% Used Memory: 28% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 1:45:00 PM
 9/14/2017 13:36 Log Download - Used Battery: 15% Used Memory: 29% User Name: AVanHaltsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:30:00 PM
 9/21/2017 12:50 Log Download - Used Battery: 16% Used Memory: 29% User Name: AVanHaltsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:45:00 PM
 9/28/2017 11:58 Log Download - Used Battery: 16% Used Memory: 31% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 12:45:00 PM
 10/5/2017 13:34 Log Download - Used Battery: 17% Used Memory: 31% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 2:30:00 PM
 10/12/2017 13:58 Log Download - Used Battery: 17% Used Memory: 32% User Name: AVanHaltsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 2:45:00 PM
 10/19/2017 14:07 Log Download - Used Battery: 17% Used Memory: 32% User Name: AVanHaltsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 3:00:00 PM
 10/26/2017 12:12 Log Download - Used Battery: 18% Used Memory: 34% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 1:00:00 PM
 11/2/2017 13:48 Log Download - Used Battery: 18% Used Memory: 34% User Name: AVanHaltsma Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 1:45:00 PM
 11/9/2017 13:41 Log Download - Used Battery: 18% Used Memory: 35% User Name: AVanHaltsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 2:30:00 PM
 11/16/2017 11:09 Log Download - Used Battery: 19% Used Memory: 35% User Name: WMassoll Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/16/2017 11:00:00 AM
 11/23/2017 13:55 Log Download - Used Battery: 19% Used Memory: 37% User Name: AVanHaltsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 2:45:00 PM
 12/1/2017 9:16 Log Download - Used Battery: 19% Used Memory: 39% User Name: AVanHaltsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 10:15:00 AM
 12/7/2017 14:25 Log Download - Used Battery: 20% Used Memory: 39% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 3:15:00 PM
 12/14/2017 11:54 Log Download - Used Battery: 20% Used Memory: 40% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 12:45:00 PM
 12/21/2017 10:44 Log Download - Used Battery: 20% Used Memory: 40% User Name: AVanHaltsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 12:15:00 PM
 12/21/2017 11:00 Log Download - Used Battery: 20% Used Memory: 40% User Name: AVanHaltsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 3:30:00 PM
 12/21/2017 11:01 Log Download - Used Battery: 20% Used Memory: 40% User Name: AVanHaltsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 3:30:00 PM
 1/4/2018 13:59 Log Download - Used Battery: 21% Used Memory: 42% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 2:45:00 PM
 1/11/2018 9:53 Log Download - Used Battery: 22% Used Memory: 43% User Name: AVanHaltsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 4:15:00 PM
 1/18/2018 11:31 Log Download - Used Battery: 22% Used Memory: 43% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 12:30:00 PM
 1/26/2018 10:58 Log Download - Used Battery: 22% Used Memory: 45% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 11:45:00 AM
 2/1/2018 16:32 Log Download - Used Battery: 23% Used Memory: 45% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/1/2018 5:30:00 PM
 2/8/2018 11:06 Log Download - Used Battery: 23% Used Memory: 46% User Name: AVanHaltsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 12:00:00 PM
 2/15/2018 9:51 Log Download - Used Battery: 23% Used Memory: 46% User Name: AVanHaltsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 10:45:00 AM
 2/22/2018 12:39 Log Download - Used Battery: 24% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/14/2018 10:00:00 PM Stop Time: 2/22/2018 12:30:00 PM
 3/1/2018 14:26 Log Download - Used Battery: 24% Used Memory: 48% User Name: WMassoll Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 3/1/2018 2:15:00 PM
 3/8/2018 10:20 Log Download - Used Battery: 25% Used Memory: 50% User Name: AVanHaltsma Interval - Start Time: 3/1/2018 10:00:00 PM Stop Time: 3/8/2018 11:15:00 AM
 3/22/2018 9:19 Log Download - Used Battery: 25% Used Memory: 51% User Name: AVanHaltsma Interval - Start Time: 3/7/2018 10:00:00 PM Stop Time: 3/22/2018 10:00:00 AM
 4/19/2018 12:30 Log Download - Used Battery: 27% Used Memory: 54% User Name: WMassoll Interval - Start Time: 3/20/2018 10:00:00 PM Stop Time: 4/19/2018 1:30:00 PM
 5/17/2018 9:59 Log Download - Used Battery: 28% Used Memory: 57% User Name: AVanHaltsma Interval - Start Time: 4/18/2018 10:00:00 PM Stop Time: 5/17/2018 10:45:00 AM
 6/13/2018 16:16 Log Download - Used Battery: 30% Used Memory: 60% User Name: AVanHaltsma Interval - Start Time: 5/16/2018 10:00:00 PM Stop Time: 6/13/2018 5:15:00 PM
 6/14/2018 10:36 Log Download - Used Battery: 30% Used Memory: 60% User Name: AVanHaltsma Interval - Start Time: 5/16/2018 10:00:00 PM Stop Time: 6/14/2018 11:45:00 AM
 7/12/2018 9:59 Log Download - Used Battery: 31% Used Memory: 64% User Name: AVanHaltsma Interval - Start Time: 7/1/2018 10:00:00 PM Stop Time: 7/12/2018 11:45:00 AM
 8/9/2018 14:56 Log Download - Used Battery: 33% Used Memory: 67% User Name: WMassoll Interval - Start Time: 7/11/2018 10:00:00 PM Stop Time: 8/9/2018 3:45:00 PM
 9/6/2018 18:21 Log Download - Used Battery: 34% Used Memory: 70% User Name: WMassoll Interval - Start Time: 8/8/2018 10:00:00 PM Stop Time: 9/6/2018 6:15:00 PM
 10/4/2018 11:06 Log Download - Used Battery: 35% Used Memory: 75% User Name: WMassoll Interval - Start Time: 9/5/2018 10:00:00 PM Stop Time: 10/4/2018 11:00:00 AM
 10/8/2018 13:10 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-10-05_15-48-09-951.wsl""

Log Data:
 Record Count: 2740
 Sensors: 2
 1 469355 PCTD 300 PSIA (200.7m/658.7ft)
 2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(A) 658.7ft SN#: 469355 | | Sensor: Baro-Adj Calc SN#: 000000 | |
|----------------|-------------------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|--------------------------------------|-----------------|
| | | Corrected Pressure (PSI) | Temperature (C) | Corrected Pressure (PSI) | Temperature (C) |
| 9/6/2018 0:00 | 7200 | 129.599 | 20.406 | 295.397 | 5863.197 | 6427.094 | 3.55 | 4.37 | 170.555 | 1.001 | 14.747 | | | | | | | | |
| 9/6/2018 0:15 | 8100 | 129.605 | 20.41 | 295.41 | 5859.524 | 6422.646 | 3.548 | 4.367 | 170.662 | 1.001 | 14.751 | | | | | | | | |
| 9/6/2018 0:30 | 9000 | 129.552 | 20.421 | 295.289 | 5864.612 | 6426.617 | 3.55 | 4.37 | 170.514 | 1.001 | 14.748 | | | | | | | | |
| 9/6/2018 0:45 | 9900 | 129.571 | 20.435 | 295.185 | 5861.683 | 6421.557 | 3.547 | 4.367 | 170.599 | 1.001 | 14.753 | | | | | | | | |
| 9/6/2018 1:00 | 10800 | 129.56 | 20.43 | 295.307 | 5868.178 | 6429.422 | 3.552 | 4.372 | 170.411 | 1.001 | 14.749 | | | | | | | | |
| 9/6/2018 1:15 | 11700 | 129.556 | 20.43 | 295.298 | 5868.431 | 6429.594 | 3.552 | 4.372 | 170.403 | 1.001 | 14.753 | | | | | | | | |
| 9/6/2018 1:30 | 12600 | 129.561 | 20.423 | 295.309 | 5861.861 | 6423.438 | 3.548 | 4.368 | 170.594 | 1.001 | 14.752 | | | | | | | | |
| 9/6/2018 1:45 | 13500 | 129.524 | 20.414 | 295.226 | 5859.427 | 6421.988 | 3.547 | 4.367 | 170.665 | 1.001 | 14.752 | | | | | | | | |
| 9/6/2018 2:00 | 14400 | 129.495 | 20.41 | 295.159 | 5871.263 | 6421.081 | 3.549 | 4.366 | 170.728 | 1.001 | 14.746 | | | | | | | | |
| 9/6/2018 2:15 | 15300 | 129.516 | 20.414 | 295.206 | 5859.249 | 6421.724 | 3.547 | 4.367 | 170.671 | 1.001 | 14.75 | | | | | | | | |
| 9/6/2018 2:30 | 16200 | 129.478 | 20.416 | 295.119 | 5859.601 | 6421.805 | 3.547 | 4.367 | 170.666 | 1.001 | 14.747 | | | | | | | | |
| 9/6/2018 2:45 | 17100 | 129.486 | 20.429 | 295.139 | 5859.456 | 6419.995 | 3.546 | 4.366 | 170.664 | 1.001 | 14.745 | | | | | | | | |
| 9/6/2018 3:00 | 18000 | 129.479 | 20.431 | 295.122 | 5864.608 | 6425.312 | 3.549 | 4.369 | 170.514 | 1.001 | 14.742 | | | | | | | | |
| 9/6/2018 3:15 | 18900 | 129.481 | 20.422 | 295.127 | 5858.904 | 6420.34 | 3.546 | 4.366 | 170.688 | 1.001 | 14.741 | | | | | | | | |
| 9/6/2018 3:30 | 19800 | 129.428 | 20.431 | 295.005 | 5859.528 | 6420.071 | 3.546 | 4.366 | 170.654 | 1.001 | 14.741 | | | | | | | | |
| 9/6/2018 3:45 | 20700 | 129.427 | 20.431 | 295.027 | 5863.076 | 6423.564 | 3.548 | 4.368 | 170.556 | 1.001 | 14.756 | | | | | | | | |
| 9/6/2018 4:00 | 21600 | 129.447 | 20.427 | 295.049 | 5859.187 | 6419.971 | 3.546 | 4.366 | 170.672 | 1.001 | 14.742 | | | | | | | | |
| 9/6/2018 4:15 | 22500 | 129.41 | 20.413 | 294.966 | 5862.9 | 6425.831 | 3.549 | 4.37 | 170.564 | 1.001 | 14.74 | | | | | | | | |
| 9/6/2018 4:30 | 23400 | 129.431 | 20.411 | 295.012 | 5861.926 | 6425.138 | 3.549 | 4.369 | 170.592 | 1.001 | 14.743 | | | | | | | | |
| 9/6/2018 4:45 | 24300 | 129.438 | 20.418 | 295.029 | 5862.693 | 6424.925 | 3.549 | 4.369 | 170.57 | 1.001 | 14.738 | | | | | | | | |
| 9/6/2018 5:00 | 25200 | 129.434 | 20.419 | 295.021 | 5859.528 | 6421.315 | 3.547 | 4.366 | 170.662 | 1.001 | 14.736 | | | | | | | | |
| 9/6/2018 5:15 | 26100 | 129.428 | 20.415 | 295.027 | 5859.528 | 6421.988 | 3.547 | 4.367 | 170.656 | 1.001 | 14.743 | | | | | | | | |
| 9/6/2018 5:30 | 27000 | 129.414 | 20.421 | 294.975 | 5859.833 | 6421.416 | 3.547 | 4.367 | 170.653 | 1.001 | 14.747 | | | | | | | | |
| 9/6/2018 5:45 | 27900 | 129.384 | 20.422 | 294.906 | 5859.918 | 6421.344 | 3.547 | 4.367 | 170.651 | 1.001 | 14.753 | | | | | | | | |
| 9/6/2018 6:00 | 28800 | 129.422 | 20.406 | 294.993 | 5858.984 | 6422.594 | 3.548 | 4.367 | 170.678 | 1.001 | 14.757 | | | | | | | | |
| 9/6/2018 6:15 | 29700 | 129.427 | 20.412 | 295.005 | 5861.625 | 6424.678 | 3.549 | 4.369 | 170.601 | 1.001 | 14.751 | | | | | | | | |
| 9/6/2018 6:30 | 30600 | 129.423 | 20.428 | 294.995 | 5863.042 | 6424.077 | 3.548 | 4.368 | 170.56 | 1.001 | 14.753 | | | | | | | | |
| 9/6/2018 6:45 | 31500 | 129.427 | 20.418 | 295.023 | 5863.076 | 6423.564 | 3.548 | 4.368 | 170.559 | 1.001 | 14.756 | | | | | | | | |
| 9/6/2018 7:00 | 32400 | 129.43 | 20.428 | 295.011 | 5864.048 | 6423.809 | 3.548 | 4.368 | 170.531 | 1.001 | 14.759 | | | | | | | | |
| 9/6/2018 7:15 | 33300 | 129.421 | 20.436 | 294.99 | 5869.039 | 6429.581 | 3.552 | 4.372 | 170.386 | 1.001 | 14.764 | | | | | | | | |
| 9/6/2018 7:30 | 34200 | 129.436 | 20.431 | 295.026 | 5864.431 | 6425.2 | 3.549 | 4.369 | 170.52 | 1.001 | 14.764 | | | | | | | | |
| 9/6/2018 7:45 | 35100 | 129.403 | 20.421 | 294.95 | 5864.054 | 6426.064 | 3.55 | 4.37 | 170.393 | 1.001 | 14.768 | | | | | | | | |
| 9/6/2018 8:00 | 36000 | 129.453 | 20.432 | 295.064 | 5869.619 | 6430.744 | 3.552 | 4.373 | 170.369 | 1.001 | 14.764 | | | | | | | | |
| 9/6/2018 8:15 | 36900 | 129.454 | 20.419 | 295.054 | 5866.489 | 6425.519 | 3.552 | 4.372 | 170.46 | 1.001 | 14.767 | | | | | | | | |
| 9/6/2018 8:30 | 37800 | 129.474 | 20.413 | 295.111 | 5866.103 | 6429.352 | 3.552 | 4.372 | 170.471 | 1.001 | 14.764 | | | | | | | | |
| 9/6/2018 8:45 | 38700 | 129.443 | 20.418 | 295.04 | 5868.333 | 6431.199 | 3.553 | 4.373 | 170.406 | 1.001 | 14.766 | | | | | | | | |
| 9/6/2018 9:00 | 39600 | 129.48 | 20.426 | 295.125 | 5873.307 | 6435.535 | 3.555 | 4.376 | 170.262 | 1.001 | 14.763 | | | | | | | | |
| 9/6/2018 9:15 | 40500 | 129.456 | 20.424 | 295.069 | 5868.465 | 6430.546 | 3.552 | 4.373 | 170.402 | 1.001 | 14.776 | | | | | | | | |
| 9/6/2018 9:30 | 41400 | 129.493 | 20.419 | 295.153 | 5868.217 | 6430.837 | 3.552 | 4.373 | 170.41 | 1.001 | 14.769 | | | | | | | | |
| 9/6/2018 9:45 | 42300 | 129.485 | 20.412 | 295.137 | 5873.145 | 6437.283 | 3.556 | 4.377 | 170.267 | 1.001 | 14.765 | | | | | | | | |
| 9/6/2018 10:00 | 43200 | 129.506 | 20.426 | 295.185 | 5877.616 | 6440.282 | 3.558 | 4.379 | 170.137 | 1.001 | 14.771 | | | | | | | | |
| 9/6/2018 10:15 | 44100 | 129.509 | 20.43 | 295.191 | 5877.158 | 6439.168 | 3.557 | 4.379 | 170.15 | 1.001 | 14.771 | | | | | | | | |
| 9/6/2018 10:30 | 45000 | 129.524 | 20.427 | 295.226 | 5873.062 | 6435.079 | 3.555 | 4.376 | 1 | | | | | | | | | | |

| | | | | | | | | | | | |
|----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/6/2018 21:15 | 83700 | 129.66 | 20.42 | 295.535 | 5878.425 | 6441.437 | 3.559 | 4.38 | 170.114 | 1.001 | 14.746 |
| 9/6/2018 21:30 | 84600 | 128.706 | 20.429 | 295.639 | 5881.166 | 6443.793 | 3.56 | 4.382 | 170.034 | 1.001 | 14.747 |
| 9/6/2018 21:45 | 85500 | 129.722 | 20.415 | 295.676 | 5880.542 | 6444.943 | 3.561 | 4.383 | 170.052 | 1.001 | 14.747 |
| 9/6/2018 22:00 | 86400 | 129.715 | 20.425 | 295.661 | 5875.975 | 6438.576 | 3.557 | 4.378 | 170.185 | 1.001 | 14.753 |
| 9/6/2018 22:15 | 87200 | 129.728 | 20.408 | 295.689 | 5879.529 | 6444.763 | 3.561 | 4.382 | 170.082 | 1.001 | 14.748 |
| 9/6/2018 22:30 | 88200 | 129.713 | 20.412 | 295.656 | 5874.986 | 6439.241 | 3.557 | 4.379 | 170.213 | 1.001 | 14.748 |
| 9/6/2018 22:45 | 89100 | 129.725 | 20.414 | 295.684 | 5878.293 | 6441.943 | 3.559 | 4.379 | 170.116 | 1.001 | 14.75 |
| 9/6/2018 23:00 | 90000 | 129.697 | 20.417 | 295.62 | 5877.786 | 6441.641 | 3.559 | 4.38 | 170.132 | 1.001 | 14.747 |
| 9/6/2018 23:15 | 90900 | 129.722 | 20.439 | 295.676 | 5873.438 | 6433.99 | 3.554 | 4.375 | 170.258 | 1.001 | 14.744 |
| 9/6/2018 23:30 | 91800 | 129.719 | 20.431 | 295.669 | 5878.081 | 6440.073 | 3.558 | 4.379 | 170.124 | 1.001 | 14.749 |
| 9/6/2018 23:45 | 92700 | 129.69 | 20.415 | 295.604 | 5875.25 | 6439.132 | 3.557 | 4.379 | 170.206 | 1.001 | 14.747 |
| 9/7/2018 0:00 | 93600 | 129.716 | 20.429 | 295.663 | 5876.825 | 6438.956 | 3.557 | 4.378 | 170.16 | 1.001 | 14.745 |
| 9/7/2018 0:15 | 94500 | 129.709 | 20.43 | 295.648 | 5873.64 | 6435.373 | 3.555 | 4.376 | 170.252 | 1.001 | 14.75 |
| 9/7/2018 0:30 | 95400 | 129.707 | 20.415 | 295.642 | 5868.202 | 6431.468 | 3.553 | 4.373 | 170.41 | 1.001 | 14.748 |
| 9/7/2018 0:45 | 96300 | 129.691 | 20.416 | 295.606 | 5871.251 | 6434.667 | 3.555 | 4.376 | 170.321 | 1.001 | 14.747 |
| 9/7/2018 1:00 | 97200 | 129.684 | 20.429 | 295.591 | 5871.994 | 6433.732 | 3.554 | 4.375 | 170.3 | 1.001 | 14.749 |
| 9/7/2018 1:15 | 98100 | 129.675 | 20.432 | 295.57 | 5871.484 | 6432.764 | 3.554 | 4.374 | 170.215 | 1.001 | 14.748 |
| 9/7/2018 1:30 | 99000 | 129.67 | 20.432 | 295.557 | 5872.982 | 6434.37 | 3.555 | 4.375 | 170.271 | 1.001 | 14.742 |
| 9/7/2018 1:45 | 99900 | 129.652 | 20.438 | 295.517 | 5873.982 | 6434.645 | 3.555 | 4.376 | 170.242 | 1.001 | 14.744 |
| 9/7/2018 2:00 | 100800 | 129.646 | 20.43 | 295.503 | 5872.192 | 6433.844 | 3.554 | 4.375 | 170.294 | 1.001 | 14.742 |
| 9/7/2018 2:15 | 101700 | 129.638 | 20.426 | 295.486 | 5869.99 | 6431.913 | 3.553 | 4.374 | 170.358 | 1.001 | 14.739 |
| 9/7/2018 2:30 | 102600 | 129.622 | 20.426 | 295.448 | 5866.229 | 6427.722 | 3.551 | 4.371 | 170.467 | 1.001 | 14.744 |
| 9/7/2018 2:45 | 103500 | 129.584 | 20.42 | 295.362 | 5864.399 | 6426.594 | 3.55 | 4.37 | 170.52 | 1.001 | 14.736 |
| 9/7/2018 3:00 | 104400 | 129.581 | 20.415 | 295.355 | 5868.921 | 6432.184 | 3.553 | 4.374 | 170.389 | 1.001 | 14.742 |
| 9/7/2018 3:15 | 105300 | 129.593 | 20.41 | 295.383 | 5868.185 | 6432.034 | 3.553 | 4.374 | 170.441 | 1.001 | 14.741 |
| 9/7/2018 3:30 | 106200 | 129.589 | 20.407 | 295.373 | 5865.349 | 6429.324 | 3.552 | 4.372 | 170.493 | 1.001 | 14.74 |
| 9/7/2018 3:45 | 107100 | 129.558 | 20.422 | 295.303 | 5865.087 | 6427.115 | 3.55 | 4.37 | 170.5 | 1.001 | 14.74 |
| 9/7/2018 4:00 | 108000 | 129.543 | 20.429 | 295.269 | 5869.467 | 6430.882 | 3.552 | 4.373 | 170.373 | 1.001 | 14.748 |
| 9/7/2018 4:15 | 108900 | 129.546 | 20.433 | 295.275 | 5869.759 | 6430.686 | 3.552 | 4.373 | 170.365 | 1.001 | 14.74 |
| 9/7/2018 4:30 | 109800 | 129.528 | 20.426 | 295.235 | 5864.884 | 6426.366 | 3.55 | 4.37 | 170.506 | 1.001 | 14.748 |
| 9/7/2018 4:45 | 110700 | 129.486 | 20.411 | 295.139 | 5861.733 | 6424.822 | 3.549 | 4.369 | 170.598 | 1.001 | 14.742 |
| 9/7/2018 5:00 | 111600 | 129.521 | 20.429 | 295.219 | 5863.83 | 6424.729 | 3.549 | 4.369 | 170.537 | 1.001 | 14.74 |
| 9/7/2018 5:15 | 112500 | 129.529 | 20.42 | 295.237 | 5867.142 | 6429.53 | 3.552 | 4.372 | 170.441 | 1.001 | 14.731 |
| 9/7/2018 5:30 | 113400 | 129.504 | 20.423 | 295.18 | 5867.311 | 6429.433 | 3.552 | 4.372 | 170.436 | 1.001 | 14.743 |
| 9/7/2018 5:45 | 114300 | 129.509 | 20.43 | 295.191 | 5863.998 | 6424.738 | 3.549 | 4.369 | 170.532 | 1.001 | 14.736 |
| 9/7/2018 6:00 | 115200 | 129.503 | 20.424 | 295.178 | 5867.765 | 6429.673 | 3.552 | 4.372 | 170.423 | 1.001 | 14.735 |
| 9/7/2018 6:15 | 116100 | 129.501 | 20.414 | 295.173 | 5869.053 | 6429.865 | 3.553 | 4.372 | 170.385 | 1.001 | 14.739 |
| 9/7/2018 6:30 | 117000 | 129.504 | 20.424 | 295.179 | 5864.497 | 6426.186 | 3.55 | 4.37 | 170.518 | 1.001 | 14.741 |
| 9/7/2018 6:45 | 117900 | 129.489 | 20.422 | 295.146 | 5868.794 | 6431.094 | 3.553 | 4.373 | 170.393 | 1.001 | 14.748 |
| 9/7/2018 7:00 | 118800 | 129.492 | 20.425 | 295.153 | 5869.588 | 6431.659 | 3.553 | 4.374 | 170.37 | 1.001 | 14.748 |
| 9/7/2018 7:15 | 119700 | 129.504 | 20.431 | 295.18 | 5865.214 | 6425.964 | 3.55 | 4.37 | 170.497 | 1.001 | 14.747 |
| 9/7/2018 7:30 | 120600 | 129.487 | 20.43 | 295.14 | 5867.526 | 6428.719 | 3.551 | 4.372 | 170.43 | 1.001 | 14.739 |
| 9/7/2018 7:45 | 121500 | 129.51 | 20.426 | 295.194 | 5872.057 | 6434.142 | 3.554 | 4.375 | 170.298 | 1.001 | 14.747 |
| 9/7/2018 8:00 | 122400 | 129.516 | 20.415 | 295.216 | 5869.866 | 6432.354 | 3.554 | 4.375 | 170.282 | 1.001 | 14.748 |
| 9/7/2018 8:15 | 123300 | 129.524 | 20.423 | 295.225 | 5868.127 | 6428.98 | 3.551 | 4.372 | 170.212 | 1.001 | 14.75 |
| 9/7/2018 8:30 | 124200 | 129.537 | 20.428 | 295.255 | 5868.753 | 6430.287 | 3.552 | 4.373 | 170.394 | 1.001 | 14.748 |
| 9/7/2018 8:45 | 125100 | 129.511 | 20.423 | 295.195 | 5867.928 | 6430.098 | 3.552 | 4.372 | 170.418 | 1.001 | 14.751 |
| 9/7/2018 9:00 | 126000 | 129.52 | 20.418 | 295.215 | 5872.655 | 6435.936 | 3.555 | 4.376 | 170.281 | 1.001 | 14.744 |
| 9/7/2018 9:15 | 126900 | 129.515 | 20.421 | 295.204 | 5868.743 | 6431.168 | 3.553 | 4.373 | 170.394 | 1.001 | 14.751 |
| 9/7/2018 9:30 | 127800 | 129.522 | 20.422 | 295.212 | 5875.629 | 6438.76 | 3.557 | 4.378 | 170.195 | 1.001 | 14.751 |
| 9/7/2018 9:45 | 128700 | 129.567 | 20.431 | 295.322 | 5871.567 | 6432.913 | 3.554 | 4.374 | 170.312 | 1.001 | 14.755 |
| 9/7/2018 10:00 | 129600 | 129.587 | 20.414 | 295.369 | 5870.973 | 6434.597 | 3.555 | 4.376 | 170.33 | 1.001 | 14.749 |
| 9/7/2018 10:15 | 130500 | 129.565 | 20.405 | 295.319 | 5869.858 | 6434.549 | 3.555 | 4.375 | 170.362 | 1.001 | 14.752 |
| 9/7/2018 10:30 | 131400 | 129.597 | 20.417 | 295.392 | 5871.874 | 6435.209 | 3.555 | 4.376 | 170.303 | 1.001 | 14.751 |
| 9/7/2018 10:45 | 132300 | 129.571 | 20.407 | 295.333 | 5872.029 | 6436.705 | 3.556 | 4.377 | 170.299 | 1.001 | 14.757 |
| 9/7/2018 11:00 | 133200 | 129.608 | 20.431 | 295.417 | 5878.994 | 6440.573 | 3.558 | 4.38 | 170.112 | 1.001 | 14.752 |
| 9/7/2018 11:15 | 134100 | 129.605 | 20.433 | 295.411 | 5879.528 | 6441.365 | 3.559 | 4.38 | 170.082 | 1.001 | 14.756 |
| 9/7/2018 11:30 | 135000 | 129.625 | 20.42 | 295.456 | 5878.674 | 6442.179 | 3.559 | 4.381 | 170.106 | 1.001 | 14.751 |
| 9/7/2018 11:45 | 135900 | 129.63 | 20.438 | 295.467 | 5875.882 | 6436.808 | 3.556 | 4.377 | 170.187 | 1.001 | 14.747 |
| 9/7/2018 12:00 | 136800 | 129.633 | 20.431 | 295.474 | 5879.696 | 6441.879 | 3.559 | 4.379 | 170.077 | 1.001 | 14.754 |
| 9/7/2018 12:15 | 137700 | 129.628 | 20.425 | 295.462 | 5878.731 | 6441.583 | 3.559 | 4.38 | 170.105 | 1.001 | 14.749 |
| 9/7/2018 12:30 | 138600 | 129.623 | 20.421 | 295.477 | 5875.677 | 6441.76 | 3.559 | 4.38 | 170.081 | 1.001 | 14.747 |
| 9/7/2018 12:45 | 139500 | 129.643 | 20.433 | 295.497 | 5878.628 | 6440.485 | 3.558 | 4.38 | 170.108 | 1.001 | 14.744 |
| 9/7/2018 13:00 | 140400 | 129.658 | 20.421 | 295.531 | 5878.49 | 6441.931 | 3.559 | 4.381 | 170.112 | 1.001 | 14.743 |
| 9/7/2018 13:15 | 141300 | 129.644 | 20.435 | 295.499 | 5880.009 | 6441.61 | 3.559 | 4.38 | 170.068 | 1.001 | 14.743 |
| 9/7/2018 13:30 | 142200 | 129.648 | 20.426 | 295.508 | 5878.558 | 6441.23 | 3.559 | 4.38 | 170.11 | 1.001 | 14.749 |
| 9/7/2018 13:45 | 143100 | 129.65 | 20.419 | 295.513 | 5874.616 | 6437.968 | 3.557 | 4.378 | 170.224 | 1.001 | 14.744 |
| 9/7/2018 14:00 | 144000 | 129.651 | 20.425 | 295.517 | 5875.688 | 6438.544 | 3.557 | 4.378 | 170.267 | 1.001 | 14.742 |
| 9/7/2018 14:15 | 144900 | 129.65 | 20.421 | 295.511 | 5880.881 | 6445.511 | 3.561 | 4.382 | 170.043 | 1.001 | 14.74 |
| 9/7/2018 14:30 | 145800 | 129.633 | 20.425 | 295.475 | 5876.457 | 6439.08 | 3.557 | 4.379 | 170.171 | 1.001 | 14.742 |
| 9/7/2018 14:45 | 146700 | 129.641 | 20.431 | 295.491 | 5882.254 | 6444.61 | 3.561 | 4.382 | 170.003 | 1.001 | 14.737 |
| 9/7/2018 15:00 | 147600 | 129.641 | 20.429 | 295.491 | 5875.852 | 6437.938 | 3.557 | 4.378 | 170.188 | 1.001 | 14.741 |
| 9/7/2018 15:15 | 148500 | 129.64 | 20.425 | 295.489 | 5881.592 | 6444.801 | 3.557 | 4.382 | 170.022 | 1.001 | 14.741 |
| 9/7/2018 15:30 | 149400 | 129.63 | 20.426 | 295.466 | 5881.412 | 6444.416 | 3.56 | 4.382 | 170.027 | 1.001 | 14.737 |
| 9/7/2018 15:45 | 150300 | 129.636 | 20.433 | 295.48 | 5878.722 | 6440.494 | 3.558 | 4.38 | 170.105 | 1.001 | 14.74 |
| 9/7/2018 16:00 | 151200 | 129.643 | 20.433 | 295.496 | 5877.687 | 6439.454 | 3.558 | 4.379 | 170.135 | 1.001 | 14.733 |
| 9/7/2018 16:15 | 152100 | 129.643 | 20.424 | 295.496 | 5876.209 | 6438.985 | 3.557 | 4.379 | 170.178 | 1.001 | 14.732 |
| 9/7/2018 16:30 | 153000 | 129.645 | 20.421 | 295.5 | 5881.676 | 6445.316 | 3.561 | 4.383 | 170.102 | 1.001 | 14.73 |
| 9/7/2018 16:45 | 153900 | 129.638 | 20.411 | 295.484 | 5875.142 | 6439.506 | 3.558 | 4.379 | 170.209 | 1.001 | 14.731 |
| 9/7/2018 17:00 | 154800 | 129.647 | 20.427 | 295.506 | 5879.642 | 6442.347 | 3.559 | 4.381 | 170.078 | 1.001 | 14.729 |
| 9/7/2018 17:15 | 155700 | 129.618 | 20.408 | 295.439 | 5881.137 | 6446.607 | 3.562 | 4.384 | 170.035 | 1.001 | 14.734 |
| 9/7/2018 17:30 | 156600 | 129.656 | 20.425 | 295.527 | 5877.888 | 6440.708 | 3.558 | 4.38 | 170.129 | 1.001 | 14.725 |
| 9/7/2018 17:45 | 157500 | 129.626 | 20.407 | 295.459 | 5880.989 | 6446.515 | 3.562 | 4.384 | 170.039 | 1.001 | 14.73 |
| 9/7/2018 18:00 | 158400 | 129.657 | 20.416 | 295.529 | 5882.148 | 6446.551 | 3.562 | 4.384 | 170.006 | | |

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|----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/9/2018 2:00 | 273600 | 129.895 | 20.428 | 296.072 | 5877.461 | 6439.829 | 3.558 | 4.379 | 170.141 | 1.001 | 14.682 |
| 9/9/2018 2:15 | 274500 | 129.887 | 20.435 | 296.063 | 5877.607 | 6439.072 | 3.557 | 4.379 | 170.137 | 1.001 | 14.687 |
| 9/9/2018 2:30 | 275400 | 129.894 | 20.427 | 296.068 | 5876.987 | 6439.404 | 3.558 | 4.379 | 170.155 | 1.001 | 14.682 |
| 9/9/2018 2:45 | 276300 | 129.877 | 20.43 | 296.031 | 5871.703 | 6433.226 | 3.554 | 4.375 | 170.308 | 1.001 | 14.682 |
| 9/9/2018 3:00 | 277200 | 129.865 | 20.425 | 296.002 | 5868.254 | 6430.152 | 3.552 | 4.373 | 170.408 | 1.001 | 14.682 |
| 9/9/2018 3:15 | 278100 | 129.856 | 20.424 | 295.981 | 5872.998 | 6435.479 | 3.553 | 4.376 | 170.271 | 1.001 | 14.681 |
| 9/9/2018 3:30 | 279000 | 129.851 | 20.423 | 295.981 | 5867.225 | 6430.54 | 3.552 | 4.373 | 170.341 | 1.001 | 14.683 |
| 9/9/2018 3:45 | 279900 | 129.851 | 20.419 | 295.97 | 5869.937 | 6432.852 | 3.554 | 4.374 | 170.36 | 1.001 | 14.678 |
| 9/9/2018 4:00 | 280800 | 129.82 | 20.42 | 295.899 | 5867.366 | 6429.799 | 3.552 | 4.372 | 170.434 | 1.001 | 14.682 |
| 9/9/2018 4:15 | 281700 | 129.821 | 20.416 | 295.901 | 5865.193 | 6427.98 | 3.551 | 4.371 | 170.497 | 1.001 | 14.678 |
| 9/9/2018 4:30 | 282600 | 129.774 | 20.417 | 295.794 | 5865.66 | 6428.41 | 3.551 | 4.371 | 170.484 | 1.001 | 14.687 |
| 9/9/2018 4:45 | 283500 | 129.784 | 20.424 | 295.819 | 5871.99 | 6434.326 | 3.555 | 4.375 | 170.3 | 1.001 | 14.682 |
| 9/9/2018 5:00 | 284400 | 129.774 | 20.423 | 295.806 | 5868.759 | 6430.951 | 3.553 | 4.373 | 170.394 | 1.001 | 14.677 |
| 9/9/2018 5:15 | 285300 | 129.773 | 20.427 | 295.771 | 5867.362 | 6427.58 | 3.551 | 4.371 | 170.434 | 1.001 | 14.681 |
| 9/9/2018 5:30 | 286200 | 129.759 | 20.422 | 295.76 | 5869.724 | 6432.196 | 3.553 | 4.374 | 170.366 | 1.001 | 14.678 |
| 9/9/2018 5:45 | 287100 | 129.749 | 20.43 | 295.739 | 5866.342 | 6427.318 | 3.55 | 4.371 | 170.464 | 1.001 | 14.68 |
| 9/9/2018 6:00 | 288000 | 129.725 | 20.421 | 295.683 | 5866.204 | 6428.373 | 3.551 | 4.371 | 170.468 | 1.001 | 14.688 |
| 9/9/2018 6:15 | 288900 | 129.701 | 20.424 | 295.627 | 5865.612 | 6427.396 | 3.55 | 4.371 | 170.485 | 1.001 | 14.682 |
| 9/9/2018 6:30 | 289800 | 129.685 | 20.423 | 295.625 | 5865.227 | 6427.035 | 3.55 | 4.37 | 170.496 | 1.001 | 14.688 |
| 9/9/2018 6:45 | 290700 | 129.721 | 20.435 | 295.673 | 5866.929 | 6427.374 | 3.55 | 4.371 | 170.447 | 1.001 | 14.683 |
| 9/9/2018 7:00 | 291600 | 129.677 | 20.419 | 295.573 | 5865.67 | 6428.152 | 3.551 | 4.371 | 170.483 | 1.001 | 14.689 |
| 9/9/2018 7:15 | 292500 | 129.715 | 20.418 | 295.661 | 5870.062 | 6433.118 | 3.554 | 4.375 | 170.356 | 1.001 | 14.681 |
| 9/9/2018 7:30 | 293400 | 129.71 | 20.419 | 295.649 | 5864.842 | 6427.222 | 3.55 | 4.371 | 170.508 | 1.001 | 14.689 |
| 9/9/2018 7:45 | 294300 | 129.704 | 20.412 | 295.636 | 5863.853 | 6427.087 | 3.55 | 4.37 | 170.536 | 1.001 | 14.694 |
| 9/9/2018 8:00 | 295200 | 129.709 | 20.431 | 295.647 | 5872.362 | 6433.844 | 3.554 | 4.375 | 170.289 | 1.001 | 14.692 |
| 9/9/2018 8:15 | 296100 | 129.713 | 20.433 | 295.656 | 5870.743 | 6431.835 | 3.553 | 4.374 | 170.336 | 1.001 | 14.693 |
| 9/9/2018 8:30 | 297000 | 129.68 | 20.413 | 295.581 | 5870.599 | 6434.269 | 3.554 | 4.375 | 170.34 | 1.001 | 14.695 |
| 9/9/2018 8:45 | 297900 | 129.712 | 20.424 | 295.655 | 5874.102 | 6436.711 | 3.556 | 4.377 | 170.239 | 1.001 | 14.695 |
| 9/9/2018 9:00 | 298800 | 129.718 | 20.423 | 295.666 | 5869.986 | 6432.283 | 3.553 | 4.374 | 170.358 | 1.001 | 14.696 |
| 9/9/2018 9:15 | 299700 | 129.718 | 20.438 | 295.666 | 5874.881 | 6435.594 | 3.555 | 4.376 | 170.216 | 1.001 | 14.696 |
| 9/9/2018 9:30 | 300600 | 129.728 | 20.426 | 295.689 | 5869.448 | 6431.367 | 3.553 | 4.373 | 170.374 | 1.001 | 14.698 |
| 9/9/2018 9:45 | 301500 | 129.718 | 20.416 | 295.667 | 5873.105 | 6436.699 | 3.556 | 4.377 | 170.268 | 1.001 | 14.692 |
| 9/9/2018 10:00 | 302400 | 129.752 | 20.413 | 295.745 | 5873.912 | 6437.934 | 3.557 | 4.378 | 170.244 | 1.001 | 14.693 |
| 9/9/2018 10:15 | 303300 | 129.757 | 20.42 | 295.756 | 5876.134 | 6439.384 | 3.557 | 4.379 | 170.18 | 1.001 | 14.698 |
| 9/9/2018 10:30 | 304200 | 129.764 | 20.43 | 295.771 | 5873.019 | 6434.667 | 3.555 | 4.376 | 170.27 | 1.001 | 14.692 |
| 9/9/2018 10:45 | 305100 | 129.77 | 20.425 | 295.786 | 5871.319 | 6433.51 | 3.554 | 4.375 | 170.319 | 1.001 | 14.693 |
| 9/9/2018 11:00 | 306000 | 129.783 | 20.429 | 295.828 | 5872.395 | 6434.194 | 3.554 | 4.375 | 170.288 | 1.001 | 14.693 |
| 9/9/2018 11:15 | 306900 | 129.794 | 20.422 | 295.841 | 5876.885 | 6440.021 | 3.558 | 4.379 | 170.158 | 1.001 | 14.689 |
| 9/9/2018 11:30 | 307800 | 129.798 | 20.434 | 295.849 | 5878.597 | 6440.286 | 3.558 | 4.379 | 170.109 | 1.001 | 14.692 |
| 9/9/2018 11:45 | 308700 | 129.805 | 20.44 | 295.865 | 5875.359 | 6435.859 | 3.555 | 4.376 | 170.202 | 1.001 | 14.687 |
| 9/9/2018 12:00 | 309600 | 129.804 | 20.439 | 295.863 | 5879.528 | 6440.613 | 3.558 | 4.38 | 170.082 | 1.001 | 14.692 |
| 9/9/2018 12:15 | 310500 | 129.819 | 20.422 | 295.897 | 5873.589 | 6436.373 | 3.556 | 4.377 | 170.254 | 1.001 | 14.689 |
| 9/9/2018 12:30 | 311400 | 129.819 | 20.427 | 295.898 | 5879.23 | 6441.873 | 3.559 | 4.38 | 170.09 | 1.001 | 14.689 |
| 9/9/2018 12:45 | 312300 | 129.839 | 20.421 | 295.943 | 5873.597 | 6435.511 | 3.556 | 4.377 | 170.253 | 1.001 | 14.691 |
| 9/9/2018 13:00 | 313200 | 129.838 | 20.424 | 295.941 | 5874.734 | 6437.382 | 3.556 | 4.377 | 170.222 | 1.001 | 14.684 |
| 9/9/2018 13:15 | 314100 | 129.842 | 20.417 | 295.95 | 5874.479 | 6438.041 | 3.557 | 4.378 | 170.228 | 1.001 | 14.69 |
| 9/9/2018 13:30 | 315000 | 129.82 | 20.418 | 295.901 | 5874.335 | 6437.695 | 3.556 | 4.378 | 170.232 | 1.001 | 14.692 |
| 9/9/2018 13:45 | 315900 | 129.851 | 20.416 | 295.97 | 5880.371 | 6444.581 | 3.561 | 4.382 | 170.057 | 1.001 | 14.688 |
| 9/9/2018 14:00 | 316800 | 129.848 | 20.434 | 295.965 | 5881.7 | 6443.674 | 3.56 | 4.382 | 170.019 | 1.001 | 14.691 |
| 9/9/2018 14:15 | 317700 | 129.824 | 20.418 | 295.909 | 5881.821 | 6445.91 | 3.561 | 4.383 | 170.015 | 1.001 | 14.685 |
| 9/9/2018 14:30 | 318600 | 129.826 | 20.41 | 295.913 | 5875.369 | 6439.955 | 3.558 | 4.379 | 170.202 | 1.001 | 14.687 |
| 9/9/2018 14:45 | 319500 | 129.854 | 20.42 | 295.978 | 5876.586 | 6439.986 | 3.558 | 4.379 | 170.167 | 1.001 | 14.689 |
| 9/9/2018 15:00 | 320400 | 129.858 | 20.435 | 295.986 | 5876.885 | 6438.248 | 3.557 | 4.378 | 170.158 | 1.001 | 14.681 |
| 9/9/2018 15:15 | 321300 | 129.82 | 20.423 | 295.901 | 5876.587 | 6439.482 | 3.558 | 4.379 | 170.167 | 1.001 | 14.679 |
| 9/9/2018 15:30 | 322200 | 129.852 | 20.417 | 295.972 | 5881.23 | 6445.78 | 3.561 | 4.383 | 170.032 | 1.001 | 14.675 |
| 9/9/2018 15:45 | 323100 | 129.827 | 20.411 | 295.915 | 5876.59 | 6440.997 | 3.558 | 4.38 | 170.17 | 1.001 | 14.674 |
| 9/9/2018 16:00 | 324000 | 129.838 | 20.427 | 295.94 | 5878.399 | 6440.951 | 3.558 | 4.38 | 170.114 | 1.001 | 14.679 |
| 9/9/2018 16:15 | 324900 | 129.844 | 20.421 | 295.954 | 5876.944 | 6440.223 | 3.558 | 4.379 | 170.156 | 1.001 | 14.683 |
| 9/9/2018 16:30 | 325800 | 129.803 | 20.414 | 295.862 | 5881.252 | 6445.804 | 3.561 | 4.383 | 170.032 | 1.001 | 14.678 |
| 9/9/2018 16:45 | 326700 | 129.842 | 20.421 | 295.95 | 5877.579 | 6440.885 | 3.558 | 4.38 | 170.138 | 1.001 | 14.676 |
| 9/9/2018 17:00 | 327600 | 129.827 | 20.419 | 295.917 | 5881.606 | 6445.593 | 3.561 | 4.383 | 170.022 | 1.001 | 14.673 |
| 9/9/2018 17:15 | 328500 | 129.855 | 20.423 | 295.965 | 5882.252 | 6446.83 | 3.562 | 4.384 | 170.003 | 1.001 | 14.673 |
| 9/9/2018 17:30 | 329400 | 129.835 | 20.428 | 295.934 | 5882.122 | 6444.946 | 3.561 | 4.383 | 170.007 | 1.001 | 14.671 |
| 9/9/2018 17:45 | 330300 | 129.829 | 20.435 | 295.921 | 5881.842 | 6443.654 | 3.56 | 4.382 | 170.015 | 1.001 | 14.671 |
| 9/9/2018 18:00 | 331200 | 129.818 | 20.431 | 295.896 | 5883.254 | 6445.811 | 3.561 | 4.383 | 169.974 | 1.001 | 14.672 |
| 9/9/2018 18:15 | 332100 | 129.815 | 20.433 | 295.889 | 5878.117 | 6439.914 | 3.558 | 4.379 | 170.123 | 1.001 | 14.669 |
| 9/9/2018 18:30 | 333000 | 129.828 | 20.422 | 295.919 | 5882.217 | 6445.874 | 3.561 | 4.383 | 170.004 | 1.001 | 14.662 |
| 9/9/2018 18:45 | 333900 | 129.822 | 20.424 | 295.905 | 5878.046 | 6442.029 | 3.559 | 4.38 | 170.125 | 1.001 | 14.669 |
| 9/9/2018 19:00 | 334800 | 129.825 | 20.434 | 295.91 | 5886.377 | 6448.833 | 3.563 | 4.385 | 169.884 | 1.001 | 14.66 |
| 9/9/2018 19:15 | 335700 | 129.826 | 20.418 | 295.913 | 5882.774 | 6447.014 | 3.562 | 4.384 | 169.988 | 1.001 | 14.666 |
| 9/9/2018 19:30 | 336600 | 129.823 | 20.43 | 295.907 | 5883.733 | 6446.406 | 3.562 | 4.384 | 169.96 | 1.001 | 14.665 |
| 9/9/2018 19:45 | 337500 | 129.833 | 20.427 | 295.929 | 5879.111 | 6441.825 | 3.559 | 4.38 | 170.094 | 1.001 | 14.665 |
| 9/9/2018 20:00 | 338400 | 129.83 | 20.429 | 295.923 | 5882.09 | 6444.817 | 3.561 | 4.382 | 170.008 | 1.001 | 14.668 |
| 9/9/2018 20:15 | 339300 | 129.842 | 20.411 | 295.951 | 5880.39 | 6442.441 | 3.559 | 4.381 | 170.09 | 1.001 | 14.669 |
| 9/9/2018 20:30 | 340200 | 129.848 | 20.435 | 295.964 | 5885.647 | 6447.87 | 3.563 | 4.385 | 169.905 | 1.001 | 14.67 |
| 9/9/2018 20:45 | 341100 | 129.866 | 20.419 | 296.004 | 5883.462 | 6447.638 | 3.562 | 4.384 | 169.968 | 1.001 | 14.67 |
| 9/9/2018 21:00 | 342000 | 129.829 | 20.428 | 295.921 | 5884.896 | 6447.999 | 3.563 | 4.385 | 169.927 | 1.001 | 14.679 |
| 9/9/2018 21:15 | 342900 | 129.847 | 20.421 | 295.961 | 5879.735 | 6443.271 | 3.56 | 4.381 | 170.076 | 1.001 | 14.681 |
| 9/9/2018 21:30 | 343800 | 129.848 | 20.427 | 295.963 | 5880.918 | 6443.805 | 3.56 | 4.382 | 170.041 | 1.001 | 14.683 |
| 9/9/2018 21:45 | 344700 | 129.886 | 20.411 | 296.049 | 5883.689 | 6446.229 | 3.562 | 4.383 | 169.961 | 1.001 | 14.686 |
| 9/9/2018 22:00 | 345600 | 129.901 | 20.415 | 296.084 | 5884.788 | 6449.645 | 3.564 | 4.386 | 169.943 | 1.001 | 14.684 |
| 9/9/2018 22:15 | 346500 | 129.908 | 20.425 | 296.1 | 5885.498 | 6448.998 | 3.563 | 4.385 | 169.909 | 1.001 | 14.688 |
| 9/9/2018 22:30 | 347400 | 129.911 | 20.433 | 296.106 | 5881.592 | 6443.686 | 3.56 | 4.382 | 170.022 | 1.001 | 14.686 |
| 9/9/2018 22:45 | 348300 | 129.924 | 20.433 | 296.136 | 5884.499 | 6446.895 | | | | | |

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|-----------------|--------|---------|-------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/11/2018 6:45 | 463500 | 130 | 20418 | 296.31 | 5856462 | 6418167 | 3.545 | 4.364 | 170.752 | 1.001 | 14.668 |
| 9/11/2018 7:00 | 464400 | 130.008 | 20441 | 296.328 | 5855832 | 6414399 | 3.543 | 4.362 | 170.777 | 1.001 | 14.677 |
| 9/11/2018 7:15 | 465300 | 130.005 | 20432 | 296.321 | 5853245 | 6412.78 | 3.542 | 4.361 | 170.845 | 1.001 | 14.68 |
| 9/11/2018 7:30 | 466200 | 129.991 | 20422 | 296.29 | 5852579 | 6413.384 | 3.542 | 4.361 | 170.865 | 1.001 | 14.685 |
| 9/11/2018 7:45 | 467100 | 129.989 | 2042 | 296.285 | 5857069 | 6418.492 | 3.545 | 4.365 | 170.734 | 1.001 | 14.684 |
| 9/11/2018 8:00 | 468000 | 129.992 | 20437 | 296.292 | 5858892 | 6418.778 | 3.545 | 4.364 | 170.681 | 1.001 | 14.683 |
| 9/11/2018 8:15 | 468900 | 129.987 | 20434 | 296.287 | 5857924 | 6419.001 | 3.545 | 4.365 | 170.709 | 1.001 | 14.687 |
| 9/11/2018 8:30 | 469800 | 129.981 | 20426 | 296.267 | 5858.042 | 6418.751 | 3.545 | 4.365 | 170.705 | 1.001 | 14.692 |
| 9/11/2018 8:45 | 470700 | 129.98 | 20425 | 296.265 | 5853.086 | 6413.565 | 3.542 | 4.361 | 170.85 | 1.001 | 14.695 |
| 9/11/2018 9:00 | 471600 | 129.974 | 20424 | 296.251 | 5858.008 | 6418.982 | 3.545 | 4.365 | 170.706 | 1.001 | 14.694 |
| 9/11/2018 9:15 | 472500 | 129.943 | 20429 | 296.18 | 5853.807 | 6413.713 | 3.542 | 4.361 | 170.829 | 1.001 | 14.694 |
| 9/11/2018 9:30 | 473400 | 129.979 | 20428 | 296.262 | 5854.005 | 6414.175 | 3.543 | 4.362 | 170.823 | 1.001 | 14.694 |
| 9/11/2018 9:45 | 474300 | 129.979 | 20416 | 296.251 | 5852.027 | 6413.621 | 3.542 | 4.361 | 170.881 | 1.001 | 14.693 |
| 9/11/2018 10:00 | 475200 | 129.989 | 20425 | 296.286 | 5852.949 | 6413.321 | 3.542 | 4.361 | 170.854 | 1.001 | 14.695 |
| 9/11/2018 10:15 | 476100 | 129.993 | 20436 | 296.294 | 5854.062 | 6413.138 | 3.542 | 4.361 | 170.822 | 1.001 | 14.695 |
| 9/11/2018 10:30 | 477000 | 130.006 | 20434 | 296.324 | 5852.99 | 6412.245 | 3.542 | 4.36 | 170.853 | 1.001 | 14.691 |
| 9/11/2018 10:45 | 477900 | 130.006 | 20419 | 296.324 | 5852.735 | 6413.918 | 3.542 | 4.361 | 170.86 | 1.001 | 14.699 |
| 9/11/2018 11:00 | 478800 | 129.989 | 20421 | 296.286 | 5856.675 | 6419.406 | 3.546 | 4.365 | 170.745 | 1.001 | 14.689 |
| 9/11/2018 11:15 | 479700 | 130.022 | 20425 | 296.352 | 5859.29 | 6421.101 | 3.547 | 4.366 | 170.85 | 1.001 | 14.695 |
| 9/11/2018 11:30 | 480600 | 130.018 | 20413 | 296.352 | 5855.671 | 6417.897 | 3.545 | 4.364 | 170.775 | 1.001 | 14.692 |
| 9/11/2018 11:45 | 481500 | 130.043 | 20415 | 296.407 | 5855.575 | 6417.557 | 3.545 | 4.364 | 170.777 | 1.001 | 14.688 |
| 9/11/2018 12:00 | 482400 | 130.04 | 20414 | 296.401 | 5858.253 | 6420.645 | 3.546 | 4.366 | 170.699 | 1.001 | 14.687 |
| 9/11/2018 12:15 | 483300 | 130.064 | 2043 | 296.457 | 5855.644 | 6415.584 | 3.543 | 4.363 | 170.775 | 1.001 | 14.687 |
| 9/11/2018 12:30 | 484200 | 130.053 | 20424 | 296.432 | 5859.519 | 6420.755 | 3.547 | 4.366 | 170.662 | 1.001 | 14.687 |
| 9/11/2018 12:45 | 485100 | 130.052 | 20419 | 296.429 | 5854.143 | 6415.487 | 3.543 | 4.363 | 170.819 | 1.001 | 14.676 |
| 9/11/2018 13:00 | 486000 | 130.083 | 2043 | 296.5 | 5860.156 | 6420.6 | 3.546 | 4.366 | 170.644 | 1.001 | 14.688 |
| 9/11/2018 13:15 | 486900 | 130.094 | 20425 | 296.525 | 5857.773 | 6418.644 | 3.545 | 4.365 | 170.713 | 1.001 | 14.682 |
| 9/11/2018 13:30 | 487800 | 130.101 | 20438 | 296.54 | 5862.082 | 6421.561 | 3.547 | 4.367 | 170.588 | 1.001 | 14.679 |
| 9/11/2018 13:45 | 488700 | 130.1 | 20433 | 296.539 | 5859.084 | 6419.003 | 3.545 | 4.365 | 170.675 | 1.001 | 14.68 |
| 9/11/2018 14:00 | 489600 | 130.104 | 20433 | 296.546 | 5856.521 | 6416.195 | 3.544 | 4.363 | 170.75 | 1.001 | 14.687 |
| 9/11/2018 14:15 | 490500 | 130.123 | 20439 | 296.592 | 5854.5 | 6415.817 | 3.544 | 4.363 | 170.809 | 1.001 | 14.679 |
| 9/11/2018 14:30 | 491400 | 130.095 | 20411 | 296.526 | 5858.891 | 6421.707 | 3.547 | 4.367 | 170.681 | 1.001 | 14.678 |
| 9/11/2018 14:45 | 492300 | 130.142 | 20417 | 296.635 | 5854.896 | 6416.592 | 3.544 | 4.363 | 170.797 | 1.001 | 14.671 |
| 9/11/2018 15:00 | 493200 | 130.128 | 20425 | 296.603 | 5857.374 | 6418.241 | 3.545 | 4.364 | 170.725 | 1.001 | 14.676 |
| 9/11/2018 15:15 | 494100 | 130.138 | 20434 | 296.624 | 5862.371 | 6422.452 | 3.548 | 4.367 | 170.579 | 1.001 | 14.667 |
| 9/11/2018 15:30 | 495000 | 130.108 | 20419 | 296.555 | 5853.299 | 6414.56 | 3.543 | 4.362 | 170.844 | 1.001 | 14.666 |
| 9/11/2018 15:45 | 495900 | 130.14 | 20421 | 296.613 | 5861.89 | 6421.602 | 3.547 | 4.367 | 170.614 | 1.001 | 14.665 |
| 9/11/2018 16:00 | 496800 | 130.133 | 20422 | 296.613 | 5859.301 | 6420.737 | 3.546 | 4.366 | 170.669 | 1.001 | 14.667 |
| 9/11/2018 16:15 | 497700 | 130.115 | 20432 | 296.573 | 5857.735 | 6417.641 | 3.545 | 4.364 | 170.714 | 1.001 | 14.668 |
| 9/11/2018 16:30 | 498600 | 130.119 | 20409 | 296.581 | 5858.515 | 6421.551 | 3.547 | 4.367 | 170.692 | 1.001 | 14.669 |
| 9/11/2018 16:45 | 499500 | 130.111 | 20434 | 296.562 | 5859.833 | 6419.647 | 3.546 | 4.365 | 170.653 | 1.001 | 14.67 |
| 9/11/2018 17:00 | 500400 | 130.111 | 20431 | 296.563 | 5855.087 | 6414.905 | 3.543 | 4.362 | 170.792 | 1.001 | 14.666 |
| 9/11/2018 17:15 | 501300 | 130.105 | 2043 | 296.55 | 5854.703 | 6414.554 | 3.543 | 4.362 | 170.803 | 1.001 | 14.661 |
| 9/11/2018 17:30 | 502200 | 130.084 | 20423 | 296.501 | 5857.474 | 6417.297 | 3.544 | 4.364 | 170.722 | 1.001 | 14.664 |
| 9/11/2018 17:45 | 503100 | 130.096 | 20435 | 296.529 | 5860.476 | 6420.271 | 3.546 | 4.366 | 170.635 | 1.001 | 14.656 |
| 9/11/2018 18:00 | 504000 | 130.055 | 20426 | 296.436 | 5856.622 | 6417.252 | 3.544 | 4.364 | 170.747 | 1.001 | 14.661 |
| 9/11/2018 18:15 | 504900 | 130.073 | 20438 | 296.477 | 5861.403 | 6420.865 | 3.547 | 4.366 | 170.608 | 1.001 | 14.663 |
| 9/11/2018 18:30 | 505800 | 130.069 | 20436 | 296.468 | 5860.909 | 6420.557 | 3.546 | 4.366 | 170.622 | 1.001 | 14.657 |
| 9/11/2018 18:45 | 506700 | 130.057 | 20422 | 296.394 | 5853.609 | 6414.478 | 3.543 | 4.362 | 170.835 | 1.001 | 14.656 |
| 9/11/2018 19:00 | 507600 | 130.066 | 20412 | 296.46 | 5857.624 | 6420.235 | 3.546 | 4.366 | 170.718 | 1.001 | 14.655 |
| 9/11/2018 19:15 | 508500 | 130.049 | 2043 | 296.422 | 5857.221 | 6417.417 | 3.545 | 4.364 | 170.729 | 1.001 | 14.651 |
| 9/11/2018 19:30 | 509400 | 130.012 | 20424 | 296.336 | 5857.081 | 6418 | 3.545 | 4.364 | 170.734 | 1.001 | 14.662 |
| 9/11/2018 19:45 | 510300 | 130.042 | 20426 | 296.405 | 5854.247 | 6414.592 | 3.543 | 4.362 | 170.816 | 1.001 | 14.657 |
| 9/11/2018 20:00 | 511200 | 130.031 | 20437 | 296.381 | 5855.451 | 6414.555 | 3.543 | 4.362 | 170.781 | 1.001 | 14.666 |
| 9/11/2018 20:15 | 512100 | 130.022 | 20436 | 296.361 | 5859.478 | 6419.094 | 3.546 | 4.365 | 170.664 | 1.001 | 14.656 |
| 9/11/2018 20:30 | 513000 | 130.029 | 20434 | 296.376 | 5855.24 | 6414.662 | 3.543 | 4.362 | 170.787 | 1.001 | 14.662 |
| 9/11/2018 20:45 | 513900 | 130.021 | 20438 | 296.358 | 5856.489 | 6415.504 | 3.543 | 4.363 | 170.751 | 1.001 | 14.667 |
| 9/11/2018 21:00 | 514800 | 130.017 | 20436 | 296.349 | 5860.157 | 6419.781 | 3.546 | 4.365 | 170.644 | 1.001 | 14.673 |
| 9/11/2018 21:15 | 515700 | 130.016 | 20435 | 296.346 | 5858.181 | 6417.802 | 3.545 | 4.364 | 170.701 | 1.001 | 14.667 |
| 9/11/2018 21:30 | 516600 | 130.008 | 20433 | 296.327 | 5857.51 | 6417.289 | 3.544 | 4.364 | 170.721 | 1.001 | 14.671 |
| 9/11/2018 21:45 | 517500 | 130.012 | 20422 | 296.338 | 5859.512 | 6420.936 | 3.547 | 4.366 | 170.663 | 1.001 | 14.676 |
| 9/11/2018 22:00 | 518400 | 130.018 | 20429 | 296.351 | 5855.437 | 6415.88 | 3.544 | 4.363 | 170.82 | 1.001 | 14.675 |
| 9/11/2018 22:15 | 519300 | 130.019 | 20427 | 296.354 | 5860.763 | 6421.673 | 3.547 | 4.367 | 170.626 | 1.001 | 14.682 |
| 9/11/2018 22:30 | 520200 | 129.999 | 20421 | 296.307 | 5858.873 | 6420.434 | 3.546 | 4.366 | 170.681 | 1.001 | 14.677 |
| 9/11/2018 22:45 | 521100 | 130.026 | 20418 | 296.369 | 5859.966 | 6422.029 | 3.547 | 4.367 | 170.649 | 1.001 | 14.678 |
| 9/11/2018 23:00 | 522000 | 130.001 | 20419 | 296.313 | 5860.13 | 6421.999 | 3.547 | 4.367 | 170.645 | 1.001 | 14.68 |
| 9/11/2018 23:15 | 522900 | 130.032 | 20425 | 296.383 | 5860.155 | 6421.253 | 3.547 | 4.366 | 170.644 | 1.001 | 14.678 |
| 9/11/2018 23:30 | 523800 | 130.049 | 20426 | 296.416 | 5852.76 | 6422.884 | 3.548 | 4.368 | 170.568 | 1.001 | 14.675 |
| 9/11/2018 23:45 | 524700 | 130.047 | 20419 | 296.416 | 5861.554 | 6423.582 | 3.548 | 4.368 | 170.603 | 1.001 | 14.686 |
| 9/12/2018 0:00 | 525600 | 130.057 | 2042 | 296.439 | 5859.473 | 6421.208 | 3.547 | 4.366 | 170.664 | 1.001 | 14.679 |
| 9/12/2018 0:15 | 526500 | 130.08 | 20421 | 296.493 | 5861.469 | 6423.265 | 3.548 | 4.368 | 170.606 | 1.001 | 14.674 |
| 9/12/2018 0:30 | 527400 | 130.059 | 20433 | 296.445 | 5857.179 | 6416.893 | 3.544 | 4.363 | 170.731 | 1.001 | 14.686 |
| 9/12/2018 0:45 | 528300 | 130.07 | 20438 | 296.469 | 5863.295 | 6422.983 | 3.548 | 4.368 | 170.553 | 1.001 | 14.685 |
| 9/12/2018 1:00 | 529200 | 130.075 | 20426 | 296.475 | 5864.626 | 6424.266 | 3.549 | 4.369 | 170.51 | 1.001 | 14.679 |
| 9/12/2018 1:15 | 530100 | 130.093 | 20426 | 296.521 | 5862.099 | 6423.219 | 3.548 | 4.368 | 170.587 | 1.001 | 14.681 |
| 9/12/2018 1:30 | 531000 | 130.094 | 2044 | 296.524 | 5864.062 | 6423.46 | 3.548 | 4.368 | 170.53 | 1.001 | 14.687 |
| 9/12/2018 1:45 | 531900 | 130.094 | 2044 | 296.525 | 5864.451 | 6423.981 | 3.548 | 4.368 | 170.519 | 1.001 | 14.686 |
| 9/12/2018 2:00 | 532800 | 130.11 | 20431 | 296.562 | 5862.904 | 6423.527 | 3.548 | 4.368 | 170.564 | 1.001 | 14.685 |
| 9/12/2018 2:15 | 533700 | 130.1 | 20422 | 296.539 | 5859.652 | 6421.052 | 3.547 | 4.366 | 170.659 | 1.001 | 14.685 |
| 9/12/2018 2:30 | 534600 | 130.083 | 20426 | 296.498 | 5864.466 | 6424.97 | 3.549 | 4.369 | 170.519 | 1.001 | 14.685 |
| 9/12/2018 2:45 | 535500 | 130.103 | 20438 | 296.544 | 5864.272 | 6423.996 | 3.548 | 4.368 | 170.524 | 1.001 | 14.688 |
| 9/12/2018 3:00 | 536400 | 130.115 | 2043 | 296.572 | 5862.994 | 6423.684 | 3.548 | 4.368 | 170.561 | 1.001 | 14.683 |
| 9/12/2018 3:15 | 537300 | 130.11 | 20435 | 296.561 | 5862.065 | 6422.046 | 3.547 | 4.367 | 170.588 | 1.001 | 14.686 |
| 9/12/2018 3:30 | 538200 | 130.117 | 20424 | 296.576 | 5862.909 | | | | | | |

| | | | | | | | | | | | |
|-----------------|--------|---------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/13/2018 11:30 | 653400 | 129.915 | 20.433 | 296.115 | 5878.354 | 6440.162 | 3.558 | 4.379 | 170.116 | 1.001 | 14.746 |
| 9/13/2018 11:45 | 654300 | 129.924 | 20.425 | 296.137 | 5877.362 | 6440.154 | 3.558 | 4.379 | 170.144 | 1.001 | 14.752 |
| 9/13/2018 12:00 | 655200 | 129.936 | 20.422 | 296.163 | 5881.281 | 6444.873 | 3.561 | 4.383 | 170.031 | 1.001 | 14.74 |
| 9/13/2018 12:15 | 656100 | 129.949 | 20.432 | 296.194 | 5878.639 | 6440.602 | 3.558 | 4.38 | 170.107 | 1.001 | 14.744 |
| 9/13/2018 12:30 | 657000 | 129.956 | 20.436 | 296.21 | 5886.384 | 6448.535 | 3.563 | 4.385 | 169.884 | 1.001 | 14.743 |
| 9/13/2018 12:45 | 657900 | 129.967 | 20.438 | 296.236 | 5885.059 | 6446.825 | 3.562 | 4.384 | 169.922 | 1.001 | 14.74 |
| 9/13/2018 13:00 | 658800 | 129.976 | 20.440 | 296.261 | 5878.19 | 6440.403 | 3.558 | 4.379 | 170.12 | 1.001 | 14.745 |
| 9/13/2018 13:15 | 659700 | 129.986 | 20.426 | 296.278 | 5882.404 | 6445.468 | 3.561 | 4.383 | 169.999 | 1.001 | 14.741 |
| 9/13/2018 13:30 | 660600 | 129.999 | 20.435 | 296.307 | 5884.55 | 6447.327 | 3.562 | 4.384 | 169.937 | 1.001 | 14.739 |
| 9/13/2018 13:45 | 661500 | 129.993 | 20.435 | 296.295 | 5885.622 | 6447.782 | 3.562 | 4.384 | 169.906 | 1.001 | 14.74 |
| 9/13/2018 14:00 | 662400 | 130 | 20.442 | 296.31 | 5885.787 | 6447.07 | 3.562 | 4.384 | 169.901 | 1.001 | 14.738 |
| 9/13/2018 14:15 | 663300 | 130.007 | 20.432 | 296.325 | 5885.485 | 6448.115 | 3.563 | 4.385 | 169.91 | 1.001 | 14.737 |
| 9/13/2018 14:30 | 664200 | 130.017 | 20.432 | 296.349 | 5884.048 | 6446.516 | 3.562 | 4.384 | 169.951 | 1.001 | 14.736 |
| 9/13/2018 14:45 | 665100 | 130.04 | 20.413 | 296.4 | 5881.597 | 6446.382 | 3.562 | 4.384 | 170.022 | 1.001 | 14.734 |
| 9/13/2018 15:00 | 666000 | 130.008 | 20.414 | 296.329 | 5877.99 | 6442.229 | 3.559 | 4.381 | 170.126 | 1.001 | 14.729 |
| 9/13/2018 15:15 | 666900 | 130.052 | 20.425 | 296.429 | 5884.5 | 6447.988 | 3.563 | 4.385 | 169.938 | 1.001 | 14.73 |
| 9/13/2018 15:30 | 667800 | 130.024 | 20.409 | 296.365 | 5882.984 | 6448.455 | 3.563 | 4.385 | 169.982 | 1.001 | 14.727 |
| 9/13/2018 15:45 | 668700 | 130.021 | 20.412 | 296.357 | 5881.061 | 6445.924 | 3.561 | 4.383 | 170.037 | 1.001 | 14.722 |
| 9/13/2018 16:00 | 669600 | 130.038 | 20.425 | 296.35 | 5878.213 | 6441.075 | 3.558 | 4.378 | 170.12 | 1.001 | 14.726 |
| 9/13/2018 16:15 | 670500 | 130.041 | 20.433 | 296.403 | 5885.158 | 6447.556 | 3.562 | 4.384 | 169.919 | 1.001 | 14.726 |
| 9/13/2018 16:30 | 671400 | 130.06 | 20.421 | 296.446 | 5884.192 | 6448.109 | 3.563 | 4.385 | 169.947 | 1.001 | 14.716 |
| 9/13/2018 16:45 | 672300 | 130.03 | 20.419 | 296.378 | 5876.178 | 6439.573 | 3.558 | 4.379 | 170.179 | 1.001 | 14.714 |
| 9/13/2018 17:00 | 673200 | 130.063 | 20.422 | 296.455 | 5876.361 | 6439.361 | 3.557 | 4.379 | 170.173 | 1.001 | 14.713 |
| 9/13/2018 17:15 | 674100 | 130.065 | 20.42 | 296.457 | 5875.779 | 6439.006 | 3.557 | 4.379 | 170.19 | 1.001 | 14.712 |
| 9/13/2018 17:30 | 675000 | 130.026 | 20.412 | 296.369 | 5870.603 | 6440.226 | 3.558 | 4.379 | 170.184 | 1.001 | 14.711 |
| 9/13/2018 17:45 | 675900 | 130.047 | 20.429 | 296.418 | 5880.746 | 6443.241 | 3.56 | 4.381 | 170.046 | 1.001 | 14.716 |
| 9/13/2018 18:00 | 676800 | 130.043 | 20.424 | 296.408 | 5880.299 | 6443.431 | 3.56 | 4.382 | 170.059 | 1.001 | 14.709 |
| 9/13/2018 18:15 | 677700 | 130.01 | 20.407 | 296.332 | 5872.659 | 6437.43 | 3.556 | 4.377 | 170.281 | 1.001 | 14.707 |
| 9/13/2018 18:30 | 678600 | 130.037 | 20.41 | 296.395 | 5878.32 | 6443.237 | 3.56 | 4.381 | 170.117 | 1.001 | 14.706 |
| 9/13/2018 18:45 | 679500 | 130.023 | 20.423 | 296.362 | 5874.09 | 6436.747 | 3.556 | 4.377 | 170.239 | 1.001 | 14.708 |
| 9/13/2018 19:00 | 680400 | 130.023 | 20.427 | 296.363 | 5874.822 | 6437.125 | 3.556 | 4.377 | 170.218 | 1.001 | 14.705 |
| 9/13/2018 19:15 | 681300 | 129.985 | 20.426 | 296.276 | 5875.505 | 6439.017 | 3.557 | 4.379 | 170.169 | 1.001 | 14.707 |
| 9/13/2018 19:30 | 682200 | 130.004 | 20.423 | 296.32 | 5874.525 | 6437.269 | 3.556 | 4.377 | 170.227 | 1.001 | 14.709 |
| 9/13/2018 19:45 | 683100 | 129.988 | 20.429 | 296.284 | 5873.238 | 6435.106 | 3.555 | 4.376 | 170.264 | 1.001 | 14.713 |
| 9/13/2018 20:00 | 684000 | 129.983 | 20.426 | 296.272 | 5873.12 | 6435.271 | 3.555 | 4.376 | 170.267 | 1.001 | 14.712 |
| 9/13/2018 20:15 | 684900 | 129.976 | 20.429 | 296.256 | 5873.945 | 6435.79 | 3.555 | 4.376 | 170.243 | 1.001 | 14.713 |
| 9/13/2018 20:30 | 685800 | 129.971 | 20.425 | 296.245 | 5878.967 | 6440.949 | 3.558 | 4.38 | 170.098 | 1.001 | 14.717 |
| 9/13/2018 20:45 | 686700 | 129.962 | 20.426 | 296.222 | 5877.777 | 6439.154 | 3.557 | 4.379 | 170.132 | 1.001 | 14.717 |
| 9/13/2018 21:00 | 687600 | 129.96 | 20.427 | 296.22 | 5875.589 | 6437.895 | 3.557 | 4.378 | 170.196 | 1.001 | 14.713 |
| 9/13/2018 21:15 | 688500 | 129.917 | 20.427 | 296.12 | 5876.551 | 6438.926 | 3.557 | 4.378 | 170.168 | 1.001 | 14.72 |
| 9/13/2018 21:30 | 689400 | 129.939 | 20.427 | 296.171 | 5870.665 | 6432.51 | 3.553 | 4.374 | 170.338 | 1.001 | 14.723 |
| 9/13/2018 21:45 | 690300 | 129.927 | 20.432 | 296.144 | 5873.613 | 6435.072 | 3.555 | 4.376 | 170.253 | 1.001 | 14.72 |
| 9/13/2018 22:00 | 691200 | 129.928 | 20.448 | 296.145 | 5874.544 | 6435.923 | 3.554 | 4.375 | 170.226 | 1.001 | 14.714 |
| 9/13/2018 22:15 | 692100 | 129.915 | 20.429 | 296.15 | 5874.604 | 6435.197 | 3.554 | 4.376 | 170.242 | 1.001 | 14.716 |
| 9/13/2018 22:30 | 693000 | 129.919 | 20.424 | 296.126 | 5874.906 | 6437.604 | 3.556 | 4.378 | 170.215 | 1.001 | 14.716 |
| 9/13/2018 22:45 | 693900 | 129.915 | 20.437 | 296.117 | 5871.952 | 6432.608 | 3.554 | 4.374 | 170.301 | 1.001 | 14.717 |
| 9/13/2018 23:00 | 694800 | 129.924 | 20.425 | 296.138 | 5875.07 | 6437.596 | 3.556 | 4.378 | 170.211 | 1.001 | 14.71 |
| 9/13/2018 23:15 | 695700 | 129.916 | 20.43 | 296.118 | 5876.667 | 6438.653 | 3.557 | 4.378 | 170.164 | 1.001 | 14.712 |
| 9/13/2018 23:30 | 696600 | 129.916 | 20.44 | 296.118 | 5874.718 | 6435.261 | 3.555 | 4.376 | 170.221 | 1.001 | 14.717 |
| 9/13/2018 23:45 | 697500 | 129.927 | 20.443 | 296.143 | 5876.712 | 6438.702 | 3.557 | 4.378 | 170.163 | 1.001 | 14.714 |
| 9/14/2018 0:00 | 698400 | 129.923 | 20.416 | 296.134 | 5869.835 | 6431.138 | 3.554 | 4.375 | 170.363 | 1.001 | 14.713 |
| 9/14/2018 0:15 | 699300 | 129.925 | 20.422 | 296.14 | 5873.157 | 6435.899 | 3.555 | 4.376 | 170.266 | 1.001 | 14.716 |
| 9/14/2018 0:30 | 700200 | 129.926 | 20.415 | 296.142 | 5874.74 | 6438.644 | 3.557 | 4.378 | 170.22 | 1.001 | 14.718 |
| 9/14/2018 0:45 | 701100 | 129.926 | 20.426 | 296.14 | 5877.225 | 6439.84 | 3.558 | 4.379 | 170.148 | 1.001 | 14.723 |
| 9/14/2018 1:00 | 702000 | 129.925 | 20.417 | 296.14 | 5871.854 | 6435.222 | 3.555 | 4.376 | 170.304 | 1.001 | 14.721 |
| 9/14/2018 1:15 | 702900 | 129.939 | 20.41 | 296.171 | 5876.778 | 6441.511 | 3.559 | 4.38 | 170.161 | 1.001 | 14.719 |
| 9/14/2018 1:30 | 703800 | 129.928 | 20.431 | 296.146 | 5874.256 | 6435.907 | 3.555 | 4.376 | 170.234 | 1.001 | 14.723 |
| 9/14/2018 1:45 | 704700 | 129.95 | 20.419 | 296.195 | 5874.599 | 6437.902 | 3.557 | 4.378 | 170.224 | 1.001 | 14.722 |
| 9/14/2018 2:00 | 705600 | 129.96 | 20.425 | 296.219 | 5878.283 | 6441.058 | 3.558 | 4.38 | 170.118 | 1.001 | 14.715 |
| 9/14/2018 2:15 | 706500 | 129.949 | 20.432 | 296.193 | 5875.051 | 6436.6 | 3.556 | 4.377 | 170.211 | 1.001 | 14.721 |
| 9/14/2018 2:30 | 707400 | 129.952 | 20.427 | 296.201 | 5880.101 | 6442.827 | 3.559 | 4.381 | 170.065 | 1.001 | 14.72 |
| 9/14/2018 2:45 | 708300 | 129.949 | 20.433 | 296.199 | 5879.869 | 6442.221 | 3.558 | 4.381 | 170.072 | 1.001 | 14.721 |
| 9/14/2018 3:00 | 709200 | 129.963 | 20.427 | 296.226 | 5880.6 | 6443.421 | 3.56 | 4.382 | 170.051 | 1.001 | 14.716 |
| 9/14/2018 3:15 | 710100 | 129.974 | 20.435 | 296.251 | 5881.063 | 6442.836 | 3.56 | 4.381 | 170.037 | 1.001 | 14.716 |
| 9/14/2018 3:30 | 711000 | 129.968 | 20.437 | 296.236 | 5879.705 | 6441.089 | 3.559 | 4.38 | 170.077 | 1.001 | 14.717 |
| 9/14/2018 3:45 | 711900 | 129.979 | 20.424 | 296.262 | 5875.908 | 6438.63 | 3.557 | 4.378 | 170.186 | 1.001 | 14.717 |
| 9/14/2018 4:00 | 712800 | 129.982 | 20.434 | 296.269 | 5878.406 | 6440.054 | 3.558 | 4.379 | 170.114 | 1.001 | 14.719 |
| 9/14/2018 4:15 | 713700 | 129.985 | 20.425 | 296.281 | 5874.911 | 6437.152 | 3.557 | 4.378 | 170.071 | 1.001 | 14.715 |
| 9/14/2018 4:30 | 714600 | 129.994 | 20.428 | 296.296 | 5880.236 | 6442.881 | 3.56 | 4.381 | 170.061 | 1.001 | 14.713 |
| 9/14/2018 4:45 | 715500 | 129.999 | 20.417 | 296.307 | 5880.237 | 6444.304 | 3.56 | 4.382 | 170.061 | 1.001 | 14.713 |
| 9/14/2018 5:00 | 716400 | 130 | 20.426 | 296.309 | 5883.16 | 6446.367 | 3.562 | 4.384 | 169.977 | 1.001 | 14.71 |
| 9/14/2018 5:15 | 717300 | 130.003 | 20.427 | 296.317 | 5884.309 | 6447.472 | 3.562 | 4.384 | 169.943 | 1.001 | 14.708 |
| 9/14/2018 5:30 | 718200 | 130.007 | 20.419 | 296.326 | 5883.068 | 6447.23 | 3.562 | 4.384 | 169.979 | 1.001 | 14.704 |
| 9/14/2018 5:45 | 719100 | 129.994 | 20.425 | 296.307 | 5883.48 | 6447.624 | 3.562 | 4.384 | 169.967 | 1.001 | 14.708 |
| 9/14/2018 6:00 | 720000 | 130.003 | 20.413 | 296.317 | 5884.333 | 6449.322 | 3.563 | 4.386 | 169.943 | 1.001 | 14.71 |
| 9/14/2018 6:15 | 720900 | 129.99 | 20.425 | 296.288 | 5884.668 | 6448.088 | 3.563 | 4.385 | 169.933 | 1.001 | 14.709 |
| 9/14/2018 6:30 | 721800 | 129.993 | 20.421 | 296.294 | 5879.234 | 6442.747 | 3.559 | 4.381 | 170.09 | 1.001 | 14.705 |
| 9/14/2018 6:45 | 722700 | 129.995 | 20.42 | 296.298 | 5884.462 | 6448.51 | 3.563 | 4.385 | 169.939 | 1.001 | 14.707 |
| 9/14/2018 7:00 | 723600 | 130 | 20.433 | 296.309 | 5881.432 | 6443.475 | 3.56 | 4.382 | 170.027 | 1.001 | 14.705 |
| 9/14/2018 7:15 | 724500 | 129.987 | 20.425 | 296.281 | 5884.91 | 6448.391 | 3.563 | 4.385 | 169.926 | 1.001 | 14.71 |
| 9/14/2018 7:30 | 725400 | 129.999 | 20.429 | 296.309 | 5884.724 | 6447.703 | 3.562 | 4.384 | 169.932 | 1.001 | 14.707 |
| 9/14/2018 7:45 | 726300 | 129.975 | 20.419 | 296.254 | 5879.083 | 6442.875 | 3.56 | 4.381 | 170.095 | 1.001 | 14.711 |
| 9/14/2018 8:00 | 727200 | 129.968 | 20.427 | 296.237 | 5885.36 | 6448.542 | 3.563 | 4.385 | 169.913 | 1.001 | 14.715 |
| 9/14/2018 8:15 | 7 | | | | | | | | | | |

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|-----------------|---------|---------|-------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/20/2018 1:45 | 1223100 | 129.681 | 20428 | 295.583 | 5887.327 | 6450.604 | 3.564 | 4.386 | 169.856 | 1.001 | 14.64 |
| 9/20/2018 2:00 | 1224000 | 129.665 | 20419 | 295.547 | 5886.656 | 6451.079 | 3.564 | 4.387 | 169.876 | 1.001 | 14.644 |
| 9/20/2018 2:15 | 1224900 | 129.644 | 20416 | 295.498 | 5884.277 | 6448.896 | 3.563 | 4.385 | 169.944 | 1.001 | 14.647 |
| 9/20/2018 2:30 | 1225800 | 129.668 | 20413 | 295.554 | 5882.216 | 6447.083 | 3.562 | 4.384 | 170.004 | 1.001 | 14.645 |
| 9/20/2018 2:45 | 1226700 | 129.652 | 20416 | 295.518 | 5877.537 | 6441.461 | 3.559 | 4.381 | 170.139 | 1.001 | 14.645 |
| 9/20/2018 3:00 | 1227600 | 129.62 | 20415 | 295.444 | 5878.603 | 6442.771 | 3.559 | 4.381 | 170.138 | 1.001 | 14.634 |
| 9/20/2018 3:15 | 1228500 | 129.604 | 20412 | 295.408 | 5877.584 | 6441.432 | 3.559 | 4.38 | 170.135 | 1.001 | 14.641 |
| 9/20/2018 3:30 | 1229400 | 129.631 | 20426 | 295.47 | 5885.628 | 6449.072 | 3.563 | 4.385 | 169.905 | 1.001 | 14.645 |
| 9/20/2018 3:45 | 1230300 | 129.628 | 20427 | 295.463 | 5883.02 | 6446.096 | 3.561 | 4.383 | 169.981 | 1.001 | 14.64 |
| 9/20/2018 4:00 | 1231200 | 129.613 | 2043 | 295.429 | 5880.243 | 6442.665 | 3.559 | 4.381 | 170.061 | 1.001 | 14.638 |
| 9/20/2018 4:15 | 1232100 | 129.618 | 2043 | 295.44 | 5879.932 | 6442.207 | 3.559 | 4.381 | 170.07 | 1.001 | 14.635 |
| 9/20/2018 4:30 | 1233000 | 129.613 | 20416 | 295.428 | 5876.799 | 6440.715 | 3.558 | 4.38 | 170.162 | 1.001 | 14.641 |
| 9/20/2018 4:45 | 1233900 | 129.61 | 20415 | 295.4 | 5882.056 | 6445.239 | 3.561 | 4.383 | 170.009 | 1.001 | 14.64 |
| 9/20/2018 5:00 | 1234800 | 129.609 | 20432 | 295.418 | 5878.54 | 6440.524 | 3.558 | 4.38 | 170.11 | 1.001 | 14.638 |
| 9/20/2018 5:15 | 1235700 | 129.609 | 20428 | 295.42 | 5878.67 | 6441.095 | 3.559 | 4.38 | 170.107 | 1.001 | 14.638 |
| 9/20/2018 5:30 | 1236600 | 129.605 | 20421 | 295.409 | 5881.38 | 6445.05 | 3.561 | 4.383 | 170.028 | 1.001 | 14.64 |
| 9/20/2018 5:45 | 1237500 | 129.57 | 20425 | 295.405 | 5877.658 | 6440.432 | 3.558 | 4.379 | 170.136 | 1.001 | 14.646 |
| 9/20/2018 6:00 | 1238400 | 129.603 | 20418 | 295.406 | 5881.132 | 6445.155 | 3.561 | 4.383 | 170.035 | 1.001 | 14.643 |
| 9/20/2018 6:15 | 1239300 | 129.618 | 20425 | 295.439 | 5878.225 | 6441.559 | 3.559 | 4.38 | 170.121 | 1.001 | 14.65 |
| 9/20/2018 6:30 | 1240200 | 129.57 | 20414 | 295.33 | 5881.554 | 6446.134 | 3.561 | 4.383 | 170.023 | 1.001 | 14.642 |
| 9/20/2018 6:45 | 1241100 | 129.61 | 20414 | 295.42 | 5877.55 | 6441.852 | 3.559 | 4.38 | 170.139 | 1.001 | 14.647 |
| 9/20/2018 7:00 | 1242000 | 129.598 | 20436 | 295.395 | 5880.018 | 6441.609 | 3.559 | 4.38 | 170.068 | 1.001 | 14.653 |
| 9/20/2018 7:15 | 1242900 | 129.611 | 20432 | 295.424 | 5880.404 | 6442.488 | 3.559 | 4.381 | 170.056 | 1.001 | 14.652 |
| 9/20/2018 7:30 | 1243800 | 129.594 | 20428 | 295.384 | 5879.909 | 6442.499 | 3.559 | 4.381 | 170.071 | 1.001 | 14.655 |
| 9/20/2018 7:45 | 1244700 | 129.618 | 20417 | 295.439 | 5877.825 | 6442.037 | 3.559 | 4.381 | 170.131 | 1.001 | 14.661 |
| 9/20/2018 8:00 | 1245600 | 129.602 | 20425 | 295.404 | 5884.599 | 6448.062 | 3.563 | 4.385 | 169.935 | 1.001 | 14.651 |
| 9/20/2018 8:15 | 1246500 | 129.623 | 20424 | 295.45 | 5879.328 | 6442.449 | 3.559 | 4.381 | 170.087 | 1.001 | 14.663 |
| 9/20/2018 8:30 | 1247400 | 129.628 | 20428 | 295.462 | 5885.406 | 6448.534 | 3.563 | 4.385 | 169.912 | 1.001 | 14.662 |
| 9/20/2018 8:45 | 1248300 | 129.632 | 20428 | 295.471 | 5880.818 | 6443.483 | 3.56 | 4.382 | 170.044 | 1.001 | 14.666 |
| 9/20/2018 9:00 | 1249200 | 129.641 | 20436 | 295.492 | 5883.392 | 6445.21 | 3.561 | 4.383 | 169.97 | 1.001 | 14.665 |
| 9/20/2018 9:15 | 1250100 | 129.643 | 20426 | 295.497 | 5886.796 | 6450.311 | 3.564 | 4.386 | 169.873 | 1.001 | 14.666 |
| 9/20/2018 9:30 | 1251000 | 129.623 | 20416 | 295.452 | 5881.025 | 6445.297 | 3.561 | 4.383 | 170.038 | 1.001 | 14.664 |
| 9/20/2018 9:45 | 1251900 | 129.661 | 20416 | 295.538 | 5881.879 | 6446.246 | 3.562 | 4.383 | 170.014 | 1.001 | 14.66 |
| 9/20/2018 10:00 | 1252800 | 129.668 | 20431 | 295.552 | 5882.407 | 6444.778 | 3.561 | 4.382 | 169.998 | 1.001 | 14.667 |
| 9/20/2018 10:15 | 1253700 | 129.669 | 2043 | 295.555 | 5888.771 | 6451.963 | 3.565 | 4.387 | 169.815 | 1.001 | 14.668 |
| 9/20/2018 10:30 | 1254600 | 129.672 | 20416 | 295.563 | 5881.326 | 6445.697 | 3.561 | 4.383 | 170.03 | 1.001 | 14.668 |
| 9/20/2018 10:45 | 1255500 | 129.667 | 20415 | 295.55 | 5888.145 | 6451.24 | 3.564 | 4.387 | 169.833 | 1.001 | 14.671 |
| 9/20/2018 11:00 | 1256400 | 129.648 | 20429 | 295.568 | 5887.653 | 6450.831 | 3.564 | 4.387 | 169.847 | 1.001 | 14.669 |
| 9/20/2018 11:15 | 1257300 | 129.674 | 2042 | 295.566 | 5882.207 | 6446.133 | 3.561 | 4.383 | 170.004 | 1.001 | 14.671 |
| 9/20/2018 11:30 | 1258200 | 129.689 | 20434 | 295.601 | 5882.837 | 6444.884 | 3.561 | 4.383 | 169.986 | 1.001 | 14.662 |
| 9/20/2018 11:45 | 1259100 | 129.7 | 20421 | 295.626 | 5885.088 | 6449.174 | 3.563 | 4.385 | 169.921 | 1.001 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 129.694 | 20417 | 295.612 | 5880.49 | 6444.674 | 3.561 | 4.382 | 170.054 | 1.001 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 129.686 | 20433 | 295.596 | 5883.125 | 6445.294 | 3.561 | 4.383 | 169.978 | 1.001 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 129.682 | 20435 | 295.623 | 5885.322 | 6449.099 | 3.563 | 4.385 | 169.914 | 1.001 | 14.665 |
| 9/20/2018 12:45 | 1262700 | 129.693 | 20442 | 295.611 | 5883.775 | 6447.828 | 3.562 | 4.385 | 169.959 | 1.001 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 129.693 | 2042 | 295.611 | 5882.993 | 6446.912 | 3.562 | 4.384 | 169.982 | 1.001 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 129.685 | 20435 | 295.593 | 5889.954 | 6452.564 | 3.565 | 4.388 | 169.781 | 1.001 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 129.69 | 20434 | 295.604 | 5890.129 | 6452.943 | 3.566 | 4.388 | 169.776 | 1.001 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 129.69 | 20425 | 295.603 | 5887.886 | 6451.581 | 3.565 | 4.387 | 169.84 | 1.001 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 129.663 | 20427 | 295.543 | 5887.213 | 6450.596 | 3.564 | 4.386 | 169.86 | 1.001 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 129.695 | 20429 | 295.616 | 5882.899 | 6445.6 | 3.561 | 4.383 | 169.984 | 1.001 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 129.703 | 20414 | 295.634 | 5885.527 | 6450.537 | 3.564 | 4.386 | 169.908 | 1.001 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 129.693 | 20422 | 295.61 | 5882.159 | 6445.834 | 3.561 | 4.383 | 170.006 | 1.001 | 14.664 |
| 9/20/2018 15:00 | 1270800 | 129.7 | 20425 | 295.626 | 5882.996 | 6446.293 | 3.562 | 4.383 | 169.981 | 1.001 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 129.706 | 20423 | 295.639 | 5881.59 | 6444.965 | 3.561 | 4.383 | 170.022 | 1.001 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 129.672 | 20415 | 295.63 | 5885.17 | 6450.087 | 3.564 | 4.386 | 169.919 | 1.001 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 129.705 | 20404 | 295.638 | 5879.740 | 6445.625 | 3.561 | 4.383 | 170.075 | 1.001 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 129.703 | 20414 | 295.634 | 5884.784 | 6449.792 | 3.564 | 4.386 | 169.93 | 1.001 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 129.696 | 20419 | 295.617 | 5883.909 | 6448.094 | 3.563 | 4.385 | 169.955 | 1.001 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 129.705 | 20425 | 295.638 | 5882.344 | 6445.613 | 3.561 | 4.383 | 170 | 1.001 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 129.716 | 20431 | 295.663 | 5880.635 | 6442.858 | 3.56 | 4.381 | 170.05 | 1.001 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 129.699 | 20427 | 295.648 | 5885.75 | 6449.099 | 3.563 | 4.385 | 169.923 | 1.001 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 129.697 | 20435 | 295.619 | 5881.395 | 6443.14 | 3.56 | 4.381 | 170.028 | 1.001 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 129.685 | 20409 | 295.591 | 5876.667 | 6441.531 | 3.559 | 4.38 | 170.164 | 1.001 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 129.723 | 20411 | 295.678 | 5878.012 | 6442.699 | 3.559 | 4.381 | 170.126 | 1.001 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 129.728 | 20414 | 295.689 | 5881.934 | 6446.575 | 3.562 | 4.384 | 170.012 | 1.001 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 129.73 | 20429 | 295.696 | 5879.987 | 6442.432 | 3.559 | 4.381 | 170.068 | 1.001 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 129.721 | 20425 | 295.671 | 5880.687 | 6440.687 | 3.558 | 4.38 | 170.114 | 1.001 | 14.646 |
| 9/20/2018 18:45 | 1284300 | 129.738 | 20425 | 295.712 | 5883.47 | 6446.765 | 3.562 | 4.384 | 169.968 | 1.001 | 14.661 |
| 9/20/2018 19:00 | 1285200 | 129.741 | 20427 | 295.719 | 5879.144 | 6441.849 | 3.559 | 4.38 | 170.093 | 1.001 | 14.658 |
| 9/20/2018 19:15 | 1286100 | 129.739 | 20416 | 295.714 | 5876.481 | 6440.399 | 3.558 | 4.379 | 170.107 | 1.001 | 14.663 |
| 9/20/2018 19:30 | 1287000 | 129.742 | 20432 | 295.722 | 5883.198 | 6445.503 | 3.561 | 4.383 | 169.976 | 1.001 | 14.664 |
| 9/20/2018 19:45 | 1287900 | 129.761 | 20423 | 295.764 | 5880.22 | 6443.556 | 3.56 | 4.382 | 170.062 | 1.001 | 14.658 |
| 9/20/2018 20:00 | 1288800 | 129.752 | 20415 | 295.752 | 5884.464 | 6444.464 | 3.56 | 4.382 | 170.059 | 1.001 | 14.665 |
| 9/20/2018 20:15 | 1289700 | 129.744 | 20409 | 295.726 | 5877.74 | 6442.624 | 3.559 | 4.381 | 170.133 | 1.001 | 14.663 |
| 9/20/2018 20:30 | 1290600 | 129.777 | 20423 | 295.801 | 5872.202 | 6434.758 | 3.555 | 4.376 | 170.294 | 1.001 | 14.665 |
| 9/20/2018 20:45 | 1291500 | 129.78 | 20413 | 295.808 | 5877.249 | 6441.546 | 3.559 | 4.38 | 170.148 | 1.001 | 14.667 |
| 9/20/2018 21:00 | 1292400 | 129.789 | 20424 | 295.83 | 5875.896 | 6438.584 | 3.557 | 4.378 | 170.187 | 1.001 | 14.669 |
| 9/20/2018 21:15 | 1293300 | 129.792 | 20427 | 295.835 | 5875.288 | 6437.576 | 3.556 | 4.378 | 170.204 | 1.001 | 14.664 |
| 9/20/2018 21:30 | 1294200 | 129.799 | 20421 | 295.851 | 5872.277 | 6435.146 | 3.555 | 4.376 | 170.292 | 1.001 | 14.675 |
| 9/20/2018 21:45 | 1295100 | 129.764 | 20416 | 295.774 | 5870.765 | 6433.77 | 3.554 | 4.375 | 170.344 | 1.001 | 14.675 |
| 9/20/2018 22:00 | 1296000 | 129.801 | 20422 | 295.857 | 5870.908 | 6433.494 | 3.554 | 4.375 | 170.331 | 1.001 | 14.673 |
| 9/20/2018 22:15 | 1296900 | 129.8 | 20428 | 295.855 | 5870.486 | 6432.187 | 3.553 | 4.374 | 170.344 | 1.001 | 14.679 |
| 9/20/2018 | | | | | | | | | | | |

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|-----------------|---------|---------|--------|---------|------------|----------|-------|-------|---------|-------|--------|
| 9/22/2018 6:30 | 1413000 | 129.649 | 20.428 | 295.511 | 5824.898 | 6382.248 | 3.524 | 4.34 | 171.677 | 1.001 | 14.72 |
| 9/22/2018 6:45 | 1413900 | 129.655 | 20.427 | 295.523 | 5825 | 6382.535 | 3.524 | 4.34 | 171.674 | 1.001 | 14.721 |
| 9/22/2018 7:00 | 1414800 | 129.657 | 20.416 | 295.527 | 5828.458 | 6387.698 | 3.527 | 4.344 | 171.572 | 1.001 | 14.72 |
| 9/22/2018 7:15 | 1415700 | 129.666 | 20.423 | 295.55 | 5826.255 | 6384.422 | 3.525 | 4.341 | 171.637 | 1.001 | 14.717 |
| 9/22/2018 7:30 | 1416600 | 129.632 | 20.421 | 295.472 | 5825.715 | 6384.084 | 3.525 | 4.341 | 171.653 | 1.001 | 14.726 |
| 9/22/2018 7:45 | 1417500 | 129.669 | 20.425 | 295.556 | 5826.004 | 6383.867 | 3.525 | 4.341 | 171.644 | 1.001 | 14.72 |
| 9/22/2018 8:00 | 1418400 | 129.654 | 20.424 | 295.554 | 5825.007 | 6383.447 | 3.525 | 4.341 | 171.674 | 1.001 | 14.721 |
| 9/22/2018 8:15 | 1419300 | 129.658 | 20.419 | 295.531 | 5829.332 | 6388.317 | 3.527 | 4.344 | 171.546 | 1.001 | 14.733 |
| 9/22/2018 8:30 | 1420200 | 129.682 | 20.424 | 295.586 | 5829.938 | 6388.272 | 3.527 | 4.344 | 171.528 | 1.001 | 14.722 |
| 9/22/2018 8:45 | 1421100 | 129.681 | 20.43 | 295.583 | 5826.813 | 6384.078 | 3.525 | 4.341 | 171.62 | 1.001 | 14.725 |
| 9/22/2018 9:00 | 1422000 | 129.675 | 20.437 | 295.57 | 5830.511 | 6387.198 | 3.527 | 4.343 | 171.512 | 1.001 | 14.726 |
| 9/22/2018 9:15 | 1422900 | 129.695 | 20.431 | 295.615 | 5831.623 | 6389.23 | 3.528 | 4.345 | 171.479 | 1.001 | 14.728 |
| 9/22/2018 9:30 | 1423800 | 129.67 | 20.424 | 295.62 | 5830.515 | 6388.96 | 3.528 | 4.344 | 171.511 | 1.001 | 14.732 |
| 9/22/2018 9:45 | 1424700 | 129.7 | 20.437 | 295.626 | 5827.612 | 6384.035 | 3.525 | 4.341 | 171.597 | 1.001 | 14.73 |
| 9/22/2018 10:00 | 1425600 | 129.706 | 20.432 | 295.64 | 5828.574 | 6385.67 | 3.526 | 4.342 | 171.569 | 1.001 | 14.735 |
| 9/22/2018 10:15 | 1426500 | 129.703 | 20.428 | 295.634 | 5831.412 | 6389.361 | 3.528 | 4.345 | 171.485 | 1.001 | 14.736 |
| 9/22/2018 10:30 | 1427400 | 129.731 | 20.438 | 295.696 | 5829.727 | 6386.13 | 3.526 | 4.343 | 171.535 | 1.001 | 14.732 |
| 9/22/2018 10:45 | 1428300 | 129.687 | 20.431 | 295.597 | 5832.246 | 6389.892 | 3.528 | 4.345 | 171.461 | 1.001 | 14.737 |
| 9/22/2018 11:00 | 1429200 | 129.728 | 20.425 | 295.689 | 5825.984 | 6383.979 | 3.525 | 4.341 | 171.548 | 1.001 | 14.732 |
| 9/22/2018 11:15 | 1430100 | 129.747 | 20.425 | 295.732 | 5836.19 | 6394.958 | 3.531 | 4.349 | 171.345 | 1.001 | 14.733 |
| 9/22/2018 11:30 | 1431000 | 129.728 | 20.416 | 295.69 | 5826.722 | 6385.796 | 3.526 | 4.342 | 171.623 | 1.001 | 14.731 |
| 9/22/2018 11:45 | 1431900 | 129.722 | 20.419 | 295.678 | 5830.451 | 6389.555 | 3.528 | 4.345 | 171.513 | 1.001 | 14.733 |
| 9/22/2018 12:00 | 1432800 | 129.735 | 20.411 | 295.707 | 5822.829 | 6382.226 | 3.524 | 4.34 | 171.738 | 1.001 | 14.732 |
| 9/22/2018 12:15 | 1433700 | 129.751 | 20.425 | 295.742 | 5826.364 | 6384.227 | 3.525 | 4.341 | 171.634 | 1.001 | 14.731 |
| 9/22/2018 12:30 | 1434600 | 129.727 | 20.42 | 295.688 | 5825.92 | 6383.935 | 3.525 | 4.341 | 171.659 | 1.001 | 14.734 |
| 9/22/2018 12:45 | 1435500 | 129.759 | 20.434 | 295.762 | 5825.446 | 6381.988 | 3.524 | 4.34 | 171.661 | 1.001 | 14.733 |
| 9/22/2018 13:00 | 1436400 | 129.737 | 20.43 | 295.711 | 5825.484 | 6382.612 | 3.524 | 4.34 | 171.66 | 1.001 | 14.722 |
| 9/22/2018 13:15 | 1437300 | 129.742 | 20.419 | 295.723 | 5824.463 | 6382.948 | 3.524 | 4.34 | 171.69 | 1.001 | 14.723 |
| 9/22/2018 13:30 | 1438200 | 129.741 | 20.418 | 295.721 | 5827.413 | 6386.261 | 3.526 | 4.343 | 171.603 | 1.001 | 14.726 |
| 9/22/2018 13:45 | 1439100 | 129.753 | 20.413 | 295.747 | 5825.909 | 6385.277 | 3.526 | 4.342 | 171.647 | 1.001 | 14.721 |
| 9/22/2018 14:00 | 1440000 | 129.798 | 20.407 | 295.712 | 5821.093 | 6380.882 | 3.523 | 4.339 | 171.789 | 1.001 | 14.721 |
| 9/22/2018 14:15 | 1440900 | 129.775 | 20.418 | 295.797 | 5826.891 | 6385.7 | 3.526 | 4.342 | 171.618 | 1.001 | 14.717 |
| 9/22/2018 14:30 | 1441800 | 129.773 | 20.422 | 295.792 | 5823.323 | 6381.313 | 3.523 | 4.339 | 171.723 | 1.001 | 14.716 |
| 9/22/2018 14:45 | 1442700 | 129.77 | 20.433 | 295.785 | 5827.238 | 6384.102 | 3.525 | 4.341 | 171.608 | 1.001 | 14.715 |
| 9/22/2018 15:00 | 1443600 | 129.747 | 20.414 | 295.734 | 5825.78 | 6385.031 | 3.525 | 4.342 | 171.651 | 1.001 | 14.714 |
| 9/22/2018 15:15 | 1444500 | 129.767 | 20.417 | 295.778 | 5825.107 | 6383.967 | 3.525 | 4.341 | 171.671 | 1.001 | 14.713 |
| 9/22/2018 15:30 | 1445400 | 129.777 | 20.428 | 295.786 | 5826.47 | 6384.296 | 3.525 | 4.341 | 171.619 | 1.001 | 14.712 |
| 9/22/2018 15:45 | 1446300 | 129.768 | 20.423 | 295.768 | 5822.333 | 6378.81 | 3.522 | 4.338 | 171.752 | 1.001 | 14.711 |
| 9/22/2018 16:00 | 1447200 | 129.729 | 20.426 | 295.691 | 5825.907 | 6383.597 | 3.525 | 4.341 | 171.647 | 1.001 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 129.774 | 20.417 | 295.796 | 5820.721 | 6379.091 | 3.522 | 4.338 | 171.8 | 1.001 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 129.761 | 20.42 | 295.765 | 5824.654 | 6382.969 | 3.524 | 4.34 | 171.684 | 1.001 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 129.731 | 20.414 | 295.697 | 5823.345 | 6382.385 | 3.524 | 4.34 | 171.723 | 1.001 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 129.772 | 20.414 | 295.791 | 5818.846 | 6377.455 | 3.521 | 4.337 | 171.855 | 1.001 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 129.742 | 20.412 | 295.723 | 5815.113 | 6380.271 | 3.523 | 4.339 | 171.823 | 1.001 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 129.732 | 20.417 | 295.699 | 5822.209 | 6380.769 | 3.523 | 4.339 | 171.756 | 1.001 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 129.766 | 20.424 | 295.776 | 5819.1 | 6376.441 | 3.52 | 4.336 | 171.848 | 1.001 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 129.772 | 20.429 | 295.791 | 5825.895 | 6383.13 | 3.524 | 4.341 | 171.647 | 1.001 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 129.773 | 20.428 | 295.793 | 5823.86 | 6381.075 | 3.523 | 4.339 | 171.707 | 1.001 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 129.766 | 20.427 | 295.777 | 5824.041 | 6381.472 | 3.523 | 4.339 | 171.702 | 1.001 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 129.784 | 20.418 | 295.818 | 5823.935 | 6382.449 | 3.524 | 4.34 | 171.705 | 1.001 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 129.758 | 20.411 | 295.759 | 5816.769 | 6375.549 | 3.52 | 4.335 | 171.917 | 1.001 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 129.75 | 20.429 | 295.74 | 5818.656 | 6375.304 | 3.52 | 4.335 | 171.861 | 1.001 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 129.785 | 20.413 | 295.82 | 5816.331 | 6374.849 | 3.519 | 4.335 | 171.93 | 1.001 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 129.791 | 20.43 | 295.835 | 5824.654 | 6381.677 | 3.523 | 4.34 | 171.684 | 1.001 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 129.789 | 20.426 | 295.829 | 5818.853 | 6375.811 | 3.52 | 4.336 | 171.855 | 1.001 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 129.825 | 20.425 | 295.867 | 5821.759 | 6379.169 | 3.522 | 4.338 | 171.769 | 1.001 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 129.775 | 20.42 | 295.798 | 5817.867 | 6375.579 | 3.52 | 4.335 | 171.884 | 1.001 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 129.81 | 20.438 | 295.876 | 5824.324 | 6380.328 | 3.523 | 4.339 | 171.694 | 1.001 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 129.817 | 20.433 | 295.893 | 5822.997 | 6379.467 | 3.522 | 4.338 | 171.733 | 1.001 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 129.825 | 20.437 | 295.911 | 5822.324 | 6378.159 | 3.521 | 4.337 | 171.753 | 1.001 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 129.822 | 20.433 | 295.905 | 5819.236 | 6375.347 | 3.52 | 4.335 | 171.844 | 1.001 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 129.854 | 20.438 | 295.918 | 5814.993 | 6373.887 | 3.518 | 4.334 | 171.969 | 1.001 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 129.857 | 20.412 | 295.984 | 5819.242 | 6378.202 | 3.521 | 4.337 | 171.844 | 1.001 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 129.83 | 20.411 | 295.922 | 5816.455 | 6375.287 | 3.52 | 4.335 | 171.926 | 1.001 | 14.694 |
| 9/22/2018 22:30 | 1470600 | 129.834 | 20.415 | 295.931 | 5814.401 | 6372.407 | 3.518 | 4.333 | 171.987 | 1.001 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 129.868 | 20.412 | 296.009 | 5814.543 | 6372.96 | 3.518 | 4.334 | 171.983 | 1.001 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 129.836 | 20.413 | 295.937 | 5810.057 | 6367.984 | 3.515 | 4.33 | 172.115 | 1.001 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 129.851 | 20.41 | 295.961 | 5813.38 | 6370.29 | 3.517 | 4.331 | 172.017 | 1.001 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 129.876 | 20.423 | 296.029 | 5812.17 | 6368.952 | 3.516 | 4.331 | 172.053 | 1.001 | 14.691 |
| 9/22/2018 23:45 | 1475100 | 129.882 | 20.42 | 296.041 | 5812.541 | 6369.765 | 3.516 | 4.331 | 172.042 | 1.001 | 14.694 |
| 9/23/2018 0:00 | 1476000 | 129.871 | 20.41 | 296.016 | 5813.143 | 6371.749 | 3.518 | 4.333 | 172.024 | 1.001 | 14.695 |
| 9/23/2018 0:15 | 1476900 | 129.869 | 20.404 | 296.012 | 5812.402 | 6371.786 | 3.518 | 4.333 | 172.046 | 1.001 | 14.697 |
| 9/23/2018 0:30 | 1477800 | 129.852 | 20.406 | 295.973 | 5806.496 | 6365.033 | 3.514 | 4.328 | 172.221 | 1.001 | 14.693 |
| 9/23/2018 0:45 | 1478700 | 129.845 | 20.405 | 295.966 | 5807.521 | 6367.979 | 3.515 | 4.33 | 172.177 | 1.001 | 14.698 |
| 9/23/2018 1:00 | 1479600 | 129.882 | 20.41 | 296.04 | 5805.251 | 6363.077 | 3.512 | 4.327 | 172.258 | 1.001 | 14.69 |
| 9/23/2018 1:15 | 1480500 | 129.883 | 20.406 | 296.044 | 5808.778 | 6367.488 | 3.515 | 4.33 | 172.153 | 1.001 | 14.693 |
| 9/23/2018 1:30 | 1481400 | 129.837 | 20.405 | 295.938 | 5804.251 | 6362.619 | 3.512 | 4.327 | 172.288 | 1.001 | 14.696 |
| 9/23/2018 1:45 | 1482300 | 129.873 | 20.41 | 296.02 | 5807.747 | 6365.893 | 3.514 | 4.329 | 172.184 | 1.001 | 14.686 |
| 9/23/2018 2:00 | 1483200 | 129.829 | 20.423 | 295.92 | 5808.716 | 6365.202 | 3.514 | 4.328 | 172.155 | 1.001 | 14.691 |
| 9/23/2018 2:15 | 1484100 | 129.835 | 20.405 | 295.944 | 5806.816 | 6365.49 | 3.514 | 4.329 | 172.211 | 1.001 | 14.688 |
| 9/23/2018 2:30 | 1485000 | 129.837 | 20.4 | 295.939 | 5799.583 | 6358.197 | 3.51 | 4.324 | 172.426 | 1.001 | 14.681 |
| 9/23/2018 2:45 | 1485900 | 129.838 | 20.421 | 295.941 | 5803.525 | 6359.768 | 3.511 | 4.325 | 172.309 | 1.001 | 14.694 |
| 9/23/2018 3:00 | 1486800 | 129.836 | 20.43 | 295.936 | 5804.494</ | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/24/2018 11:15 | 1602900 | 129.864 | 20.426 | 296 | 5797.55 | 6352.48 | 3.506 | 4.32 | 172.887 | 1.001 | 14.681 |
| 9/24/2018 11:30 | 1603800 | 129.88 | 20.425 | 296.036 | 5796.419 | 6351.379 | 3.506 | 4.319 | 172.52 | 1.001 | 14.675 |
| 9/24/2018 11:45 | 1604700 | 129.864 | 20.431 | 296.001 | 5796.976 | 6351.261 | 3.506 | 4.319 | 172.504 | 1.001 | 14.68 |
| 9/24/2018 12:00 | 1605600 | 129.878 | 20.429 | 296.031 | 5796.317 | 6350.794 | 3.505 | 4.319 | 172.523 | 1.001 | 14.68 |
| 9/24/2018 12:15 | 1606500 | 129.899 | 20.414 | 296.08 | 5794.374 | 6350.666 | 3.505 | 4.318 | 172.581 | 1.001 | 14.682 |
| 9/24/2018 12:30 | 1607400 | 129.896 | 20.408 | 296.072 | 5793.659 | 6350.659 | 3.505 | 4.318 | 172.603 | 1.001 | 14.684 |
| 9/24/2018 12:45 | 1608300 | 129.893 | 20.425 | 296.083 | 5793.448 | 6350.448 | 3.505 | 4.315 | 172.683 | 1.001 | 14.683 |
| 9/24/2018 13:00 | 1609200 | 129.903 | 20.426 | 296.089 | 5792.175 | 6346.696 | 3.503 | 4.316 | 172.647 | 1.001 | 14.677 |
| 9/24/2018 13:15 | 1610100 | 129.918 | 20.423 | 296.124 | 5791.59 | 6346.424 | 3.503 | 4.316 | 172.664 | 1.001 | 14.671 |
| 9/24/2018 13:30 | 1611000 | 129.917 | 20.431 | 296.121 | 5796.489 | 6350.738 | 3.505 | 4.319 | 172.518 | 1.001 | 14.677 |
| 9/24/2018 13:45 | 1611900 | 129.914 | 20.432 | 296.114 | 5789.961 | 6343.435 | 3.501 | 4.314 | 172.713 | 1.001 | 14.68 |
| 9/24/2018 14:00 | 1612800 | 129.915 | 20.421 | 296.117 | 5790.473 | 6345.373 | 3.502 | 4.315 | 172.697 | 1.001 | 14.672 |
| 9/24/2018 14:15 | 1613700 | 129.91 | 20.425 | 296.105 | 5793.25 | 6348.434 | 3.504 | 4.317 | 172.609 | 1.001 | 14.676 |
| 9/24/2018 14:30 | 1614600 | 129.913 | 20.428 | 296.112 | 5792.172 | 6346.344 | 3.503 | 4.316 | 172.647 | 1.001 | 14.675 |
| 9/24/2018 14:45 | 1615500 | 129.92 | 20.431 | 296.127 | 5793.124 | 6347.075 | 3.503 | 4.316 | 172.618 | 1.001 | 14.673 |
| 9/24/2018 15:00 | 1616400 | 129.909 | 20.436 | 296.102 | 5794.175 | 6347.568 | 3.503 | 4.316 | 172.587 | 1.001 | 14.668 |
| 9/24/2018 15:15 | 1617300 | 129.911 | 20.423 | 296.107 | 5792.908 | 6347.868 | 3.504 | 4.317 | 172.625 | 1.001 | 14.669 |
| 9/24/2018 15:30 | 1618200 | 129.912 | 20.425 | 296.11 | 5787.745 | 6341.933 | 3.5 | 4.313 | 172.779 | 1.001 | 14.665 |
| 9/24/2018 15:45 | 1619100 | 129.88 | 20.427 | 296.126 | 5793.525 | 6345.786 | 3.502 | 4.319 | 172.666 | 1.001 | 14.67 |
| 9/24/2018 16:00 | 1620000 | 129.904 | 20.426 | 296.092 | 5789.586 | 6343.858 | 3.501 | 4.314 | 172.724 | 1.001 | 14.674 |
| 9/24/2018 16:15 | 1620900 | 129.893 | 20.423 | 296.066 | 5791.792 | 6345.303 | 3.502 | 4.315 | 172.658 | 1.001 | 14.669 |
| 9/24/2018 16:30 | 1621800 | 129.894 | 20.434 | 296.068 | 5788.593 | 6341.59 | 3.5 | 4.312 | 172.754 | 1.001 | 14.673 |
| 9/24/2018 16:45 | 1622700 | 129.891 | 20.436 | 296.061 | 5788.582 | 6341.394 | 3.5 | 4.312 | 172.754 | 1.001 | 14.668 |
| 9/24/2018 17:00 | 1623600 | 129.899 | 20.419 | 296.08 | 5785.952 | 6340.719 | 3.499 | 4.312 | 172.832 | 1.001 | 14.665 |
| 9/24/2018 17:15 | 1624500 | 129.9 | 20.421 | 296.082 | 5786.472 | 6341.046 | 3.499 | 4.312 | 172.817 | 1.001 | 14.662 |
| 9/24/2018 17:30 | 1625400 | 129.86 | 20.425 | 295.99 | 5787.479 | 6341.631 | 3.5 | 4.312 | 172.787 | 1.001 | 14.668 |
| 9/24/2018 17:45 | 1626300 | 129.858 | 20.421 | 295.986 | 5789.528 | 6344.373 | 3.501 | 4.314 | 172.726 | 1.001 | 14.667 |
| 9/24/2018 18:00 | 1627200 | 129.856 | 20.414 | 295.981 | 5786.743 | 6342.326 | 3.5 | 4.313 | 172.809 | 1.001 | 14.666 |
| 9/24/2018 18:15 | 1628100 | 129.849 | 20.404 | 295.966 | 5785.625 | 6342.338 | 3.5 | 4.313 | 172.842 | 1.001 | 14.667 |
| 9/24/2018 18:30 | 1629000 | 129.85 | 20.405 | 295.967 | 5784.792 | 6341.322 | 3.5 | 4.312 | 172.867 | 1.001 | 14.668 |
| 9/24/2018 18:45 | 1629900 | 129.882 | 20.422 | 296.04 | 5782.1 | 6317.049 | 3.497 | 4.309 | 172.923 | 1.001 | 14.665 |
| 9/24/2018 19:00 | 1630800 | 129.846 | 20.421 | 295.959 | 5782.456 | 6336.657 | 3.497 | 4.309 | 172.937 | 1.001 | 14.668 |
| 9/24/2018 19:15 | 1631700 | 129.885 | 20.435 | 296.048 | 5786.586 | 6339.311 | 3.499 | 4.311 | 172.813 | 1.001 | 14.663 |
| 9/24/2018 19:30 | 1632600 | 129.89 | 20.434 | 296.059 | 5784.771 | 6337.415 | 3.497 | 4.309 | 172.868 | 1.001 | 14.66 |
| 9/24/2018 19:45 | 1633500 | 129.854 | 20.417 | 295.978 | 5783.759 | 6338.641 | 3.498 | 4.31 | 172.898 | 1.001 | 14.668 |
| 9/24/2018 20:00 | 1634400 | 129.888 | 20.434 | 296.055 | 5787.773 | 6340.772 | 3.499 | 4.312 | 172.778 | 1.001 | 14.67 |
| 9/24/2018 20:15 | 1635300 | 129.861 | 20.407 | 295.993 | 5779.449 | 6334.17 | 3.495 | 4.307 | 172.67 | 1.001 | 14.671 |
| 9/24/2018 20:30 | 1636200 | 129.906 | 20.435 | 296.066 | 5782.013 | 6337.975 | 3.498 | 4.31 | 172.95 | 1.001 | 14.67 |
| 9/24/2018 20:45 | 1637100 | 129.869 | 20.408 | 296.012 | 5780.619 | 6336.333 | 3.497 | 4.309 | 172.992 | 1.001 | 14.681 |
| 9/24/2018 21:00 | 1638000 | 129.907 | 20.427 | 296.099 | 5784.078 | 6337.614 | 3.497 | 4.31 | 172.888 | 1.001 | 14.675 |
| 9/24/2018 21:15 | 1638900 | 129.875 | 20.424 | 296.026 | 5780.336 | 6333.895 | 3.495 | 4.307 | 173 | 1.001 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 129.92 | 20.418 | 296.128 | 5783.46 | 6338.208 | 3.498 | 4.31 | 172.907 | 1.001 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 129.925 | 20.43 | 296.138 | 5785.777 | 6339.038 | 3.498 | 4.311 | 172.836 | 1.001 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 129.914 | 20.422 | 296.14 | 5782.16 | 6335.771 | 3.496 | 4.308 | 172.868 | 1.001 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 129.942 | 20.433 | 296.179 | 5782.997 | 6335.61 | 3.496 | 4.308 | 172.921 | 1.001 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 129.922 | 20.424 | 296.133 | 5779.525 | 6333.1 | 3.495 | 4.307 | 173.025 | 1.001 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 129.941 | 20.426 | 296.175 | 5780.09 | 6333.442 | 3.495 | 4.307 | 173.008 | 1.001 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 129.957 | 20.422 | 296.212 | 5780.429 | 6334.345 | 3.496 | 4.307 | 172.998 | 1.001 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 129.953 | 20.423 | 296.204 | 5780.233 | 6333.9 | 3.495 | 4.307 | 173.003 | 1.001 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 129.946 | 20.429 | 296.188 | 5784.215 | 6338.036 | 3.498 | 4.31 | 172.869 | 1.001 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 129.99 | 20.424 | 296.288 | 5782.06 | 6335.795 | 3.496 | 4.308 | 172.949 | 1.001 | 14.681 |
| 9/25/2018 0:00 | 1648800 | 129.977 | 20.42 | 296.258 | 5780.586 | 6334.759 | 3.496 | 4.308 | 172.993 | 1.001 | 14.688 |
| 9/25/2018 0:15 | 1649700 | 129.98 | 20.419 | 296.264 | 5777.791 | 6331.834 | 3.494 | 4.306 | 173.077 | 1.001 | 14.689 |
| 9/25/2018 0:30 | 1650600 | 129.96 | 20.424 | 296.218 | 5779.044 | 6332.504 | 3.494 | 4.306 | 173.039 | 1.001 | 14.688 |
| 9/25/2018 0:45 | 1651500 | 129.998 | 20.416 | 296.307 | 5779.127 | 6333.69 | 3.495 | 4.307 | 173.037 | 1.001 | 14.686 |
| 9/25/2018 1:00 | 1652400 | 129.979 | 20.442 | 296.251 | 5783.128 | 6334.588 | 3.496 | 4.308 | 172.917 | 1.001 | 14.691 |
| 9/25/2018 1:15 | 1653300 | 130.002 | 20.413 | 296.314 | 5780.225 | 6335.275 | 3.496 | 4.308 | 173.004 | 1.001 | 14.688 |
| 9/25/2018 1:30 | 1654200 | 130.009 | 20.421 | 296.331 | 5775.296 | 6328.858 | 3.492 | 4.304 | 173.151 | 1.001 | 14.688 |
| 9/25/2018 1:45 | 1655100 | 129.964 | 20.408 | 296.228 | 5773.925 | 6329.007 | 3.492 | 4.304 | 173.192 | 1.001 | 14.69 |
| 9/25/2018 2:00 | 1656000 | 129.999 | 20.416 | 296.308 | 5779.916 | 6332.352 | 3.494 | 4.306 | 173.073 | 1.001 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 130.009 | 20.407 | 296.33 | 5775.775 | 6331.126 | 3.493 | 4.305 | 173.137 | 1.001 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 129.988 | 20.421 | 296.288 | 5777.097 | 6330.27 | 3.493 | 4.305 | 173.077 | 1.001 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 129.987 | 20.431 | 296.279 | 5777.111 | 6329.497 | 3.493 | 4.304 | 173.097 | 1.001 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 129.97 | 20.422 | 296.241 | 5778.07 | 6331.723 | 3.494 | 4.306 | 173.068 | 1.001 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 129.97 | 20.412 | 296.241 | 5774.931 | 6329.657 | 3.493 | 4.304 | 173.162 | 1.001 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 129.969 | 20.404 | 296.239 | 5765.604 | 6320.404 | 3.487 | 4.298 | 173.42 | 1.001 | 14.686 |
| 9/25/2018 3:45 | 1662300 | 129.949 | 20.405 | 296.194 | 5769.303 | 6324.319 | 3.49 | 4.301 | 173.331 | 1.001 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 129.993 | 20.422 | 296.263 | 5771.171 | 6321.474 | 3.492 | 4.299 | 173.387 | 1.001 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 129.943 | 20.402 | 296.181 | 5771.804 | 6323.51 | 3.489 | 4.3 | 173.256 | 1.001 | 14.68 |
| 9/25/2018 4:30 | 1665000 | 129.92 | 20.433 | 296.128 | 5769.978 | 6321.439 | 3.488 | 4.299 | 173.311 | 1.001 | 14.687 |
| 9/25/2018 4:45 | 1665900 | 129.905 | 20.436 | 296.094 | 5775.325 | 6326.881 | 3.491 | 4.302 | 173.15 | 1.001 | 14.685 |
| 9/25/2018 5:00 | 1666800 | 129.914 | 20.428 | 296.114 | 5769.088 | 6321.075 | 3.488 | 4.298 | 173.338 | 1.001 | 14.678 |
| 9/25/2018 5:15 | 1667700 | 129.904 | 20.426 | 296.092 | 5773.15 | 6325.85 | 3.491 | 4.302 | 173.216 | 1.001 | 14.682 |
| 9/25/2018 5:30 | 1668600 | 129.907 | 20.425 | 296.097 | 5766.075 | 6316.673 | 3.487 | 4.295 | 173.422 | 1.001 | 14.695 |
| 9/25/2018 5:45 | 1669500 | 129.89 | 20.408 | 296.06 | 5770.097 | 6324.787 | 3.49 | 4.301 | 173.307 | 1.001 | 14.69 |
| 9/25/2018 6:00 | 1670400 | 129.873 | 20.428 | 296.021 | 5771.093 | 6323.33 | 3.489 | 4.3 | 173.277 | 1.001 | 14.692 |
| 9/25/2018 6:15 | 1671300 | 129.876 | 20.423 | 296.028 | 5768.146 | 6320.654 | 3.487 | 4.298 | 173.366 | 1.001 | 14.691 |
| 9/25/2018 6:30 | 1672200 | 129.887 | 20.432 | 296.051 | 5773.302 | 6325.184 | 3.49 | 4.301 | 173.211 | 1.001 | 14.686 |
| 9/25/2018 6:45 | 1673100 | 129.832 | 20.424 | 295.928 | 5766.285 | 6318.567 | 3.486 | 4.297 | 173.422 | 1.001 | 14.696 |
| 9/25/2018 7:00 | 1674000 | 129.864 | 20.426 | 296.001 | 5770.447 | 6322.876 | 3.489 | 4.3 | 173.297 | 1.001 | 14.69 |
| 9/25/2018 7:15 | 1674900 | 129.834 | 20.419 | 295.931 | 5770.892 | 6324.215 | 3.49 | 4.3 | 173.283 | 1.001 | 14.69 |
| 9/25/2018 7:30 | 1675800 | 129.834 | 20.406 | 295.932 | 5769.288 | 6324.257 | 3.49 | 4.3 | 173.332 | 1.001 | 14.692 |
| 9/25/2018 7:45 | 1676700 | 129.871 | 20.405 | 296.015 | 5769.968 | 6325.096 | 3.49 | 4.301 | | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|----------|------------|-------|-------|---------|-------|--------|
| 9/26/2018 16:00 | 1792800 | 129.972 | 20.409 | 296.247 | 5740.694 | 6292.488 | 3.471 | 4.279 | 174.195 | 1.001 | 14.723 |
| 9/26/2018 16:15 | 1793700 | 130.004 | 20.412 | 296.319 | 5741.962 | 6293.488 | 3.471 | 4.28 | 174.156 | 1.001 | 14.723 |
| 9/26/2018 16:30 | 1794600 | 129.966 | 20.422 | 296.232 | 5742.248 | 6292.505 | 3.471 | 4.279 | 174.148 | 1.001 | 14.721 |
| 9/26/2018 16:45 | 1795500 | 130.004 | 20.426 | 296.319 | 5743.188 | 6292.926 | 3.471 | 4.279 | 174.119 | 1.001 | 14.717 |
| 9/26/2018 17:00 | 1796400 | 129.992 | 20.411 | 296.291 | 5740.853 | 6292.387 | 3.471 | 4.279 | 174.129 | 1.001 | 14.72 |
| 9/26/2018 17:15 | 1797300 | 129.988 | 20.434 | 296.282 | 5737.697 | 6285.912 | 3.467 | 4.274 | 174.286 | 1.001 | 14.718 |
| 9/26/2018 17:30 | 1798200 | 129.975 | 20.426 | 296.275 | 5738.575 | 6285.775 | 3.467 | 4.274 | 174.237 | 1.001 | 14.724 |
| 9/26/2018 17:45 | 1799100 | 129.951 | 20.44 | 296.199 | 5742.758 | 6290.667 | 3.47 | 4.278 | 174.132 | 1.001 | 14.725 |
| 9/26/2018 18:00 | 1800000 | 129.945 | 20.44 | 296.185 | 5734.405 | 6285.02 | 3.466 | 4.274 | 174.386 | 1.001 | 14.727 |
| 9/26/2018 18:15 | 1800900 | 129.916 | 20.41 | 296.119 | 5738.64 | 6290.041 | 3.469 | 4.277 | 174.257 | 1.001 | 14.725 |
| 9/26/2018 18:30 | 1801800 | 129.915 | 20.412 | 296.116 | 5732.372 | 6282.908 | 3.465 | 4.272 | 174.448 | 1.001 | 14.722 |
| 9/26/2018 18:45 | 1802700 | 129.897 | 20.425 | 296.075 | 5733.04 | 6282.568 | 3.465 | 4.272 | 174.409 | 1.001 | 14.728 |
| 9/26/2018 19:00 | 1803600 | 129.874 | 20.419 | 296.137 | 5735.053 | 6285.009 | 3.466 | 4.274 | 174.366 | 1.001 | 14.727 |
| 9/26/2018 19:15 | 1804500 | 129.895 | 20.415 | 296.071 | 5735.658 | 6282.201 | 3.467 | 4.275 | 174.348 | 1.001 | 14.73 |
| 9/26/2018 19:30 | 1805400 | 129.887 | 20.408 | 296.053 | 5736.313 | 6287.824 | 3.468 | 4.276 | 174.328 | 1.001 | 14.723 |
| 9/26/2018 19:45 | 1806300 | 129.921 | 20.41 | 296.13 | 5734.849 | 6285.944 | 3.467 | 4.274 | 174.372 | 1.001 | 14.718 |
| 9/26/2018 20:00 | 1807200 | 129.915 | 20.409 | 296.117 | 5735.071 | 6286.279 | 3.467 | 4.275 | 174.366 | 1.001 | 14.72 |
| 9/26/2018 20:15 | 1808100 | 129.878 | 20.405 | 296.031 | 5732.686 | 6284.168 | 3.466 | 4.273 | 174.438 | 1.001 | 14.719 |
| 9/26/2018 20:30 | 1809000 | 129.87 | 20.405 | 296.075 | 5731.824 | 6283.209 | 3.465 | 4.273 | 174.465 | 1.001 | 14.724 |
| 9/26/2018 20:45 | 1809900 | 129.881 | 20.406 | 296.039 | 5730.855 | 6282.047 | 3.465 | 4.272 | 174.494 | 1.001 | 14.723 |
| 9/26/2018 21:00 | 1810800 | 129.909 | 20.411 | 296.102 | 5734.076 | 6284.993 | 3.466 | 4.274 | 174.396 | 1.001 | 14.722 |
| 9/26/2018 21:15 | 1811700 | 129.871 | 20.419 | 296.016 | 5736.728 | 6286.787 | 3.468 | 4.275 | 174.315 | 1.001 | 14.72 |
| 9/26/2018 21:30 | 1812600 | 129.909 | 20.423 | 296.102 | 5738.614 | 6288.294 | 3.468 | 4.276 | 174.258 | 1.001 | 14.719 |
| 9/26/2018 21:45 | 1813500 | 129.898 | 20.43 | 296.077 | 5739.414 | 6288.241 | 3.468 | 4.276 | 174.234 | 1.001 | 14.724 |
| 9/26/2018 22:00 | 1814400 | 129.912 | 20.43 | 296.107 | 5741.754 | 6281.688 | 3.465 | 4.273 | 174.275 | 1.001 | 14.722 |
| 9/26/2018 22:15 | 1815300 | 129.924 | 20.418 | 296.137 | 5738.433 | 6288.85 | 3.469 | 4.278 | 174.264 | 1.001 | 14.714 |
| 9/26/2018 22:30 | 1816200 | 129.908 | 20.435 | 296.1 | 5740.866 | 6289.28 | 3.469 | 4.277 | 174.19 | 1.001 | 14.725 |
| 9/26/2018 22:45 | 1817100 | 129.92 | 20.433 | 296.128 | 5736.579 | 6284.769 | 3.466 | 4.274 | 174.32 | 1.001 | 14.721 |
| 9/26/2018 23:00 | 1818000 | 129.925 | 20.423 | 296.139 | 5735.115 | 6284.481 | 3.466 | 4.273 | 174.364 | 1.001 | 14.724 |
| 9/26/2018 23:15 | 1818900 | 129.927 | 20.421 | 296.145 | 5739.711 | 6289.758 | 3.469 | 4.277 | 174.225 | 1.001 | 14.724 |
| 9/26/2018 23:30 | 1819800 | 129.933 | 20.432 | 296.157 | 5740.225 | 6289.314 | 3.469 | 4.277 | 174.197 | 1.001 | 14.719 |
| 9/26/2018 23:45 | 1820700 | 129.943 | 20.429 | 296.181 | 5736.617 | 6285.371 | 3.467 | 4.274 | 174.319 | 1.001 | 14.719 |
| 9/27/2018 0:00 | 1821600 | 129.938 | 20.425 | 296.169 | 5741.032 | 6290.7 | 3.47 | 4.278 | 174.185 | 1.001 | 14.724 |
| 9/27/2018 0:15 | 1822500 | 129.924 | 20.433 | 296.137 | 5737.817 | 6286.113 | 3.467 | 4.275 | 174.282 | 1.001 | 14.714 |
| 9/27/2018 0:30 | 1823400 | 129.959 | 20.416 | 296.218 | 5739.592 | 6290.35 | 3.47 | 4.277 | 174.228 | 1.001 | 14.715 |
| 9/27/2018 0:45 | 1824300 | 129.926 | 20.41 | 296.142 | 5735.837 | 6287.004 | 3.468 | 4.275 | 174.342 | 1.001 | 14.715 |
| 9/27/2018 1:00 | 1825200 | 129.954 | 20.417 | 296.206 | 5734.447 | 6285.105 | 3.467 | 4.274 | 174.388 | 1.001 | 14.725 |
| 9/27/2018 1:15 | 1826100 | 129.932 | 20.417 | 296.152 | 5739.24 | 6289.851 | 3.469 | 4.279 | 174.239 | 1.001 | 14.715 |
| 9/27/2018 1:30 | 1827000 | 129.965 | 20.424 | 296.231 | 5741.47 | 6291.354 | 3.47 | 4.278 | 174.171 | 1.001 | 14.714 |
| 9/27/2018 1:45 | 1827900 | 129.978 | 20.412 | 296.26 | 5739.224 | 6290.498 | 3.47 | 4.278 | 174.24 | 1.001 | 14.707 |
| 9/27/2018 2:00 | 1828800 | 129.976 | 20.428 | 296.255 | 5739.327 | 6288.465 | 3.469 | 4.276 | 174.236 | 1.001 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 129.974 | 20.431 | 296.25 | 5739.919 | 6288.713 | 3.469 | 4.276 | 174.218 | 1.001 | 14.705 |
| 9/27/2018 2:30 | 1830600 | 129.98 | 20.439 | 296.266 | 5738.26 | 6285.898 | 3.467 | 4.274 | 174.269 | 1.001 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 129.949 | 20.443 | 296.354 | 5735.563 | 6287.261 | 3.468 | 4.275 | 174.32 | 1.001 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 129.976 | 20.418 | 296.255 | 5741.469 | 6292.075 | 3.471 | 4.279 | 174.211 | 1.001 | 14.706 |
| 9/27/2018 3:15 | 1833300 | 129.974 | 20.413 | 296.25 | 5736.27 | 6287.145 | 3.468 | 4.275 | 174.329 | 1.001 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 129.938 | 20.424 | 296.17 | 5735.175 | 6284.478 | 3.466 | 4.273 | 174.363 | 1.001 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 129.965 | 20.417 | 296.23 | 5739.904 | 6290.613 | 3.47 | 4.278 | 174.219 | 1.001 | 14.705 |
| 9/27/2018 4:00 | 1836000 | 129.958 | 20.436 | 296.215 | 5741.664 | 6290.006 | 3.469 | 4.277 | 174.166 | 1.001 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 129.939 | 20.442 | 296.171 | 5738.776 | 6288.444 | 3.468 | 4.276 | 174.265 | 1.001 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 129.942 | 20.406 | 296.179 | 5734.478 | 6286.018 | 3.467 | 4.274 | 174.384 | 1.001 | 14.706 |
| 9/27/2018 4:45 | 1838700 | 129.937 | 20.411 | 296.166 | 5734.233 | 6285.177 | 3.467 | 4.274 | 174.391 | 1.001 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 129.889 | 20.428 | 296.058 | 5740.796 | 6290.122 | 3.47 | 4.277 | 174.192 | 1.001 | 14.702 |
| 9/27/2018 5:15 | 1840500 | 129.907 | 20.427 | 296.098 | 5741.093 | 6290.47 | 3.47 | 4.278 | 174.183 | 1.001 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 129.912 | 20.426 | 296.11 | 5735.864 | 6284.935 | 3.466 | 4.274 | 174.342 | 1.001 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 129.897 | 20.416 | 296.075 | 5740.199 | 6290.959 | 3.47 | 4.278 | 174.21 | 1.001 | 14.698 |
| 9/27/2018 6:00 | 1843200 | 129.897 | 20.423 | 296.075 | 5741.866 | 6291.857 | 3.471 | 4.278 | 174.159 | 1.001 | 14.699 |
| 9/27/2018 6:15 | 1844100 | 129.894 | 20.408 | 296.068 | 5738.453 | 6290.169 | 3.469 | 4.277 | 174.263 | 1.001 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 129.844 | 20.415 | 295.955 | 5739.024 | 6289.843 | 3.469 | 4.277 | 174.246 | 1.001 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 129.859 | 20.427 | 295.988 | 5741.572 | 6291.052 | 3.47 | 4.278 | 174.168 | 1.001 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 129.861 | 20.429 | 295.993 | 5742.617 | 6291.944 | 3.471 | 4.279 | 174.137 | 1.001 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 129.842 | 20.43 | 295.95 | 5740.466 | 6289.448 | 3.469 | 4.276 | 174.126 | 1.001 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 129.854 | 20.422 | 295.977 | 5737.256 | 6286.953 | 3.468 | 4.275 | 174.299 | 1.001 | 14.71 |
| 9/27/2018 7:45 | 1849500 | 129.841 | 20.422 | 295.947 | 5741.29 | 6291.419 | 3.47 | 4.278 | 174.177 | 1.001 | 14.714 |
| 9/27/2018 8:00 | 1850400 | 129.847 | 20.424 | 295.962 | 5740.189 | 6289.962 | 3.469 | 4.277 | 174.21 | 1.001 | 14.711 |
| 9/27/2018 8:15 | 1851300 | 129.845 | 20.413 | 295.958 | 5738.776 | 6289.869 | 3.469 | 4.277 | 174.253 | 1.001 | 14.718 |
| 9/27/2018 8:30 | 1852200 | 129.855 | 20.427 | 295.979 | 5742.642 | 6292.271 | 3.471 | 4.279 | 174.136 | 1.001 | 14.711 |
| 9/27/2018 8:45 | 1853100 | 129.844 | 20.416 | 295.954 | 5741.765 | 6291.663 | 3.47 | 4.278 | 174.165 | 1.001 | 14.715 |
| 9/27/2018 9:00 | 1854000 | 129.844 | 20.437 | 295.954 | 5744.228 | 6292.653 | 3.471 | 4.279 | 174.088 | 1.001 | 14.716 |
| 9/27/2018 9:15 | 1854900 | 129.846 | 20.427 | 295.959 | 5743.114 | 6292.752 | 3.471 | 4.279 | 174.122 | 1.001 | 14.72 |
| 9/27/2018 9:30 | 1855800 | 129.85 | 20.419 | 295.969 | 5740.044 | 6290.468 | 3.47 | 4.278 | 174.215 | 1.001 | 14.722 |
| 9/27/2018 9:45 | 1856700 | 129.834 | 20.431 | 295.932 | 5744.579 | 6293.784 | 3.472 | 4.28 | 174.077 | 1.001 | 14.724 |
| 9/27/2018 10:00 | 1857600 | 129.855 | 20.419 | 295.98 | 5738.501 | 6288.8 | 3.469 | 4.276 | 174.262 | 1.001 | 14.719 |
| 9/27/2018 10:15 | 1858500 | 129.856 | 20.416 | 295.966 | 5744.027 | 6293.546 | 3.473 | 4.281 | 174.094 | 1.001 | 14.725 |
| 9/27/2018 10:30 | 1859400 | 129.864 | 20.412 | 296 | 5744.101 | 6295.854 | 3.473 | 4.281 | 174.092 | 1.001 | 14.723 |
| 9/27/2018 10:45 | 1860300 | 129.851 | 20.427 | 295.97 | 5743.544 | 6293.179 | 3.471 | 4.279 | 174.109 | 1.001 | 14.718 |
| 9/27/2018 11:00 | 1861200 | 129.879 | 20.434 | 296.035 | 5746.55 | 6295.587 | 3.473 | 4.281 | 174.017 | 1.001 | 14.716 |
| 9/27/2018 11:15 | 1862100 | 129.847 | 20.421 | 295.962 | 5743.229 | 6293.681 | 3.472 | 4.28 | 174.118 | 1.001 | 14.721 |
| 9/27/2018 11:30 | 1863000 | 129.864 | 20.418 | 295.999 | 5740.057 | 6290.958 | 3.47 | 4.278 | 174.214 | 1.001 | 14.72 |
| 9/27/2018 11:45 | 1863900 | 129.872 | 20.426 | 296.018 | 5746.728 | 6296.805 | 3.473 | 4.282 | 174.012 | 1.001 | 14.719 |
| 9/27/2018 12:00 | 1864800 | 129.9 | 20.416 | 296.083 | 5743.15 | 6294.261 | 3.472 | 4.28 | 174.12 | 1.001 | 14.719 |
| 9/27/2018 12:15 | 1865700 | 129.911 | 20.435 | 296.107 | 5745.843 | 6294.71 | 3.472 | 4.28 | 174.039 | 1.001 | 14.716 |
| 9/27/2018 12:30 | 1866600 | 129.922 | 20.431 | 296.132 | 5742.947 | 6291.985</ | | | | | |

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|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 9/28/2018 20:45 | 1982700 | 130.021 | 20.428 | 296.358 | 5728.781 | 6276.969 | 3.462 | 4.268 | 174.557 | 1.001 | 14.67 |
| 9/28/2018 21:00 | 1983600 | 130.015 | 20.432 | 296.343 | 5731.455 | 6281.458 | 3.464 | 4.271 | 174.415 | 1.001 | 14.668 |
| 9/28/2018 21:15 | 1984500 | 130.014 | 20.419 | 296.343 | 5732.332 | 6282.005 | 3.465 | 4.272 | 174.449 | 1.001 | 14.667 |
| 9/28/2018 21:30 | 1985400 | 129.994 | 20.426 | 296.296 | 5733.063 | 6281.844 | 3.465 | 4.272 | 174.427 | 1.001 | 14.672 |
| 9/28/2018 21:45 | 1986300 | 130.002 | 20.423 | 296.316 | 5732.031 | 6281.114 | 3.464 | 4.271 | 174.458 | 1.001 | 14.663 |
| 9/28/2018 22:00 | 1987200 | 130.008 | 20.432 | 296.328 | 5734.564 | 6282.767 | 3.465 | 4.272 | 174.381 | 1.001 | 14.668 |
| 9/28/2018 22:15 | 1988100 | 130.197 | 20.435 | 296.19 | 5734.214 | 6281.75 | 3.465 | 4.271 | 174.382 | 1.001 | 14.67 |
| 9/28/2018 22:30 | 1989000 | 129.989 | 20.437 | 296.284 | 5729.387 | 6276.443 | 3.461 | 4.268 | 174.539 | 1.001 | 14.668 |
| 9/28/2018 22:45 | 1989900 | 129.982 | 20.444 | 296.268 | 5735.601 | 6282.299 | 3.465 | 4.272 | 174.35 | 1.001 | 14.675 |
| 9/28/2018 23:00 | 1990800 | 129.982 | 20.434 | 296.269 | 5734.54 | 6282.418 | 3.465 | 4.272 | 174.382 | 1.001 | 14.672 |
| 9/28/2018 23:15 | 1991700 | 129.983 | 20.425 | 296.27 | 5732.906 | 6281.843 | 3.465 | 4.272 | 174.432 | 1.001 | 14.678 |
| 9/28/2018 23:30 | 1992600 | 130.004 | 20.407 | 296.318 | 5730.914 | 6282.053 | 3.465 | 4.272 | 174.492 | 1.001 | 14.665 |
| 9/28/2018 23:45 | 1993500 | 130.009 | 20.415 | 296.301 | 5730.703 | 6280.406 | 3.464 | 4.271 | 174.529 | 1.001 | 14.669 |
| 9/29/2018 00:00 | 1994400 | 129.977 | 20.415 | 296.259 | 5731.358 | 6281.452 | 3.464 | 4.271 | 174.479 | 1.001 | 14.674 |
| 9/29/2018 00:15 | 1995300 | 129.986 | 20.434 | 296.278 | 5730.315 | 6277.745 | 3.462 | 4.269 | 174.51 | 1.001 | 14.678 |
| 9/29/2018 00:30 | 1996200 | 129.997 | 20.427 | 296.304 | 5732.608 | 6281.208 | 3.464 | 4.271 | 174.441 | 1.001 | 14.675 |
| 9/29/2018 00:45 | 1997100 | 130.016 | 20.42 | 296.347 | 5728.816 | 6278.037 | 3.462 | 4.269 | 174.556 | 1.001 | 14.672 |
| 9/29/2018 1:00 | 1998000 | 129.998 | 20.43 | 296.306 | 5735.727 | 6284.212 | 3.466 | 4.273 | 174.346 | 1.001 | 14.674 |
| 9/29/2018 1:15 | 1998900 | 130.026 | 20.432 | 296.328 | 5731.909 | 6279.754 | 3.469 | 4.27 | 174.462 | 1.001 | 14.675 |
| 9/29/2018 1:30 | 1999800 | 130.016 | 20.433 | 296.347 | 5732.682 | 6280.475 | 3.464 | 4.271 | 174.438 | 1.001 | 14.672 |
| 9/29/2018 1:45 | 2000700 | 129.989 | 20.421 | 296.285 | 5733.313 | 6282.852 | 3.465 | 4.272 | 174.419 | 1.001 | 14.677 |
| 9/29/2018 2:00 | 2001600 | 130 | 20.414 | 296.309 | 5732.887 | 6282.782 | 3.465 | 4.272 | 174.444 | 1.001 | 14.675 |
| 9/29/2018 2:15 | 2002500 | 130.036 | 20.418 | 296.392 | 5736.512 | 6286.676 | 3.467 | 4.275 | 174.322 | 1.001 | 14.673 |
| 9/29/2018 2:30 | 2003400 | 130.012 | 20.42 | 296.337 | 5732.132 | 6281.67 | 3.465 | 4.272 | 174.455 | 1.001 | 14.675 |
| 9/29/2018 2:45 | 2004300 | 130.04 | 20.416 | 296.402 | 5735.314 | 6285.668 | 3.467 | 4.274 | 174.358 | 1.001 | 14.679 |
| 9/29/2018 3:00 | 2005200 | 130.041 | 20.43 | 296.403 | 5740.625 | 6289.693 | 3.469 | 4.277 | 174.197 | 1.001 | 14.675 |
| 9/29/2018 3:15 | 2006100 | 130.052 | 20.424 | 296.428 | 5738.409 | 6287.941 | 3.468 | 4.276 | 174.264 | 1.001 | 14.672 |
| 9/29/2018 3:30 | 2007000 | 130.041 | 20.409 | 296.404 | 5735.938 | 6287.263 | 3.468 | 4.275 | 174.339 | 1.001 | 14.665 |
| 9/29/2018 3:45 | 2007900 | 130.052 | 20.416 | 296.429 | 5739.891 | 6290.678 | 3.47 | 4.278 | 174.219 | 1.001 | 14.672 |
| 9/29/2018 4:00 | 2008800 | 130.056 | 20.425 | 296.437 | 5736.495 | 6285.741 | 3.467 | 4.274 | 174.322 | 1.001 | 14.671 |
| 9/29/2018 4:15 | 2009700 | 130.062 | 20.427 | 296.452 | 5741.187 | 6290.661 | 3.47 | 4.276 | 174.18 | 1.001 | 14.666 |
| 9/29/2018 4:30 | 2010600 | 130.066 | 20.434 | 296.46 | 5743.065 | 6291.748 | 3.47 | 4.278 | 174.123 | 1.001 | 14.666 |
| 9/29/2018 4:45 | 2011500 | 130.068 | 20.437 | 296.465 | 5742.425 | 6290.69 | 3.47 | 4.278 | 174.142 | 1.001 | 14.676 |
| 9/29/2018 5:00 | 2012400 | 130.073 | 20.434 | 296.476 | 5743.876 | 6292.682 | 3.471 | 4.279 | 174.098 | 1.001 | 14.67 |
| 9/29/2018 5:15 | 2013300 | 130.062 | 20.431 | 296.452 | 5739.939 | 6288.711 | 3.469 | 4.276 | 174.218 | 1.001 | 14.671 |
| 9/29/2018 5:30 | 2014200 | 130.066 | 20.439 | 296.461 | 5744.378 | 6292.509 | 3.471 | 4.279 | 174.083 | 1.001 | 14.674 |
| 9/29/2018 5:45 | 2015100 | 130.074 | 20.436 | 296.475 | 5744.007 | 6294.146 | 3.472 | 4.28 | 174.094 | 1.001 | 14.676 |
| 9/29/2018 6:00 | 2016000 | 130.064 | 20.435 | 296.425 | 5742.335 | 6290.868 | 3.47 | 4.278 | 174.145 | 1.001 | 14.668 |
| 9/29/2018 6:15 | 2016900 | 130.076 | 20.434 | 296.484 | 5740.78 | 6289.336 | 3.469 | 4.277 | 174.192 | 1.001 | 14.676 |
| 9/29/2018 6:30 | 2017800 | 130.056 | 20.438 | 296.438 | 5741.392 | 6289.432 | 3.469 | 4.277 | 174.174 | 1.001 | 14.684 |
| 9/29/2018 6:45 | 2018700 | 130.057 | 20.432 | 296.441 | 5745.901 | 6295.083 | 3.472 | 4.281 | 174.037 | 1.001 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 130.061 | 20.423 | 296.449 | 5739.827 | 6289.678 | 3.469 | 4.277 | 174.221 | 1.001 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 130.058 | 20.429 | 296.443 | 5742.188 | 6291.475 | 3.471 | 4.278 | 174.15 | 1.001 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 130.075 | 20.425 | 296.482 | 5745.9 | 6296.92 | 3.473 | 4.282 | 174.037 | 1.001 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 130.074 | 20.425 | 296.48 | 5742.618 | 6292.519 | 3.471 | 4.279 | 174.137 | 1.001 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 130.061 | 20.428 | 296.45 | 5748.114 | 6298.071 | 3.474 | 4.283 | 173.97 | 1.001 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 130.03 | 20.425 | 296.378 | 5747.527 | 6297.864 | 3.474 | 4.283 | 173.988 | 1.001 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 130.031 | 20.428 | 296.381 | 5746.428 | 6296.282 | 3.473 | 4.281 | 174.021 | 1.001 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 130.062 | 20.427 | 296.451 | 5742.826 | 6292.369 | 3.471 | 4.279 | 174.13 | 1.001 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 130.069 | 20.436 | 296.468 | 5750.073 | 6299.174 | 3.475 | 4.283 | 173.911 | 1.001 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 130.068 | 20.434 | 296.465 | 5749.328 | 6298.677 | 3.475 | 4.283 | 173.933 | 1.001 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 130.043 | 20.43 | 296.409 | 5749.116 | 6298.928 | 3.475 | 4.283 | 173.94 | 1.001 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 130.078 | 20.428 | 296.488 | 5744.758 | 6294.439 | 3.472 | 4.28 | 174.072 | 1.001 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 130.082 | 20.433 | 296.497 | 5749.71 | 6299.211 | 3.475 | 4.283 | 173.922 | 1.001 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 130.059 | 20.42 | 296.444 | 5750.588 | 6301.851 | 3.476 | 4.285 | 173.895 | 1.001 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 130.088 | 20.421 | 296.511 | 5750.629 | 6301.791 | 3.476 | 4.285 | 173.894 | 1.001 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 130.107 | 20.418 | 296.555 | 5750.546 | 6302.023 | 3.476 | 4.285 | 173.897 | 1.001 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 130.083 | 20.432 | 296.5 | 5747.008 | 6296.33 | 3.473 | 4.282 | 174.004 | 1.001 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 130.1 | 20.438 | 296.538 | 5748.677 | 6297.449 | 3.474 | 4.282 | 173.953 | 1.001 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 130.118 | 20.425 | 296.578 | 5749.848 | 6300.349 | 3.476 | 4.284 | 173.918 | 1.001 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 130.116 | 20.442 | 296.574 | 5753 | 6301.642 | 3.476 | 4.285 | 173.822 | 1.001 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 130.127 | 20.439 | 296.599 | 5751.088 | 6301.563 | 3.476 | 4.285 | 173.863 | 1.001 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 130.133 | 20.431 | 296.614 | 5751.941 | 6301.942 | 3.476 | 4.285 | 173.854 | 1.001 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 130.135 | 20.418 | 296.617 | 5747.774 | 6299.018 | 3.475 | 4.283 | 173.98 | 1.001 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 130.116 | 20.407 | 296.574 | 5751.876 | 6305.044 | 3.478 | 4.287 | 173.856 | 1.001 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 130.157 | 20.427 | 296.668 | 5748.95 | 6299.102 | 3.475 | 4.283 | 173.945 | 1.001 | 14.69 |
| 9/29/2018 13:15 | 2042100 | 130.174 | 20.415 | 296.708 | 5748.612 | 6300.293 | 3.475 | 4.284 | 173.955 | 1.001 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 130.18 | 20.421 | 296.71 | 5753.467 | 6303.223 | 3.477 | 4.286 | 173.866 | 1.001 | 14.692 |
| 9/29/2018 13:45 | 2043900 | 130.186 | 20.434 | 296.733 | 5749.614 | 6299.002 | 3.475 | 4.283 | 173.925 | 1.001 | 14.69 |
| 9/29/2018 14:00 | 2044800 | 130.194 | 20.433 | 296.753 | 5754.106 | 6303.947 | 3.478 | 4.287 | 173.789 | 1.001 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 130.191 | 20.43 | 296.745 | 5753.122 | 6303.271 | 3.477 | 4.286 | 173.819 | 1.001 | 14.686 |
| 9/29/2018 14:30 | 2046600 | 130.206 | 20.438 | 296.78 | 5751.175 | 6300.161 | 3.475 | 4.284 | 173.878 | 1.001 | 14.684 |
| 9/29/2018 14:45 | 2047500 | 130.173 | 20.43 | 296.705 | 5751.966 | 6302.096 | 3.477 | 4.285 | 173.854 | 1.001 | 14.686 |
| 9/29/2018 15:00 | 2048400 | 130.189 | 20.439 | 296.819 | 5747.488 | 6298.361 | 3.474 | 4.283 | 173.996 | 1.001 | 14.681 |
| 9/29/2018 15:15 | 2049300 | 130.224 | 20.419 | 296.82 | 5746.366 | 6297.418 | 3.474 | 4.282 | 174.023 | 1.001 | 14.687 |
| 9/29/2018 15:30 | 2050200 | 130.234 | 20.434 | 296.844 | 5754.586 | 6304.38 | 3.478 | 4.287 | 173.774 | 1.001 | 14.683 |
| 9/29/2018 15:45 | 2051100 | 130.237 | 20.435 | 296.851 | 5753.437 | 6302.96 | 3.477 | 4.286 | 173.809 | 1.001 | 14.68 |
| 9/29/2018 16:00 | 2052000 | 130.233 | 20.432 | 296.841 | 5752.542 | 6302.487 | 3.477 | 4.286 | 173.836 | 1.001 | 14.684 |
| 9/29/2018 16:15 | 2052900 | 130.245 | 20.411 | 296.869 | 5750.863 | 6303.289 | 3.477 | 4.286 | 173.887 | 1.001 | 14.676 |
| 9/29/2018 16:30 | 2053800 | 130.243 | 20.411 | 296.864 | 5748.248 | 6300.446 | 3.476 | 4.284 | 173.966 | 1.001 | 14.679 |
| 9/29/2018 16:45 | 2054700 | 130.219 | 20.414 | 296.81 | 5751.214 | 6303.375 | 3.477 | 4.286 | 173.876 | 1.001 | 14.677 |
| 9/29/2018 17:00 | 2055600 | 130.227 | 20.411 | 296.828 | 5748.538 | 6300.775 | 3.476 | 4.285 | 173.957 | 1.001 | 14.677 |
| 9/29/2018 17:15 | 2056500 | 130.226 | 20.415 | 296.825 | | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 10/1/2018 1:30 | 2172600 | 130.214 | 20.435 | 296.798 | 5767.77 | 6318.662 | 3.486 | 4.297 | 173.377 | 1.001 | 14.675 |
| 10/1/2018 1:45 | 2173500 | 130.207 | 20.443 | 296.781 | 5768.025 | 6317.976 | 3.486 | 4.296 | 173.37 | 1.001 | 14.676 |
| 10/1/2018 2:00 | 2174400 | 130.222 | 20.424 | 296.816 | 5766.41 | 6318.682 | 3.486 | 4.297 | 173.418 | 1.001 | 14.675 |
| 10/1/2018 2:15 | 2175300 | 130.196 | 20.417 | 296.757 | 5766.619 | 6319.822 | 3.487 | 4.297 | 173.412 | 1.001 | 14.677 |
| 10/1/2018 2:30 | 2176200 | 130.227 | 20.426 | 296.828 | 5763.788 | 6315.498 | 3.484 | 4.295 | 173.497 | 1.001 | 14.67 |
| 10/1/2018 2:45 | 2177100 | 130.22 | 20.435 | 296.811 | 5765.899 | 6316.624 | 3.485 | 4.295 | 173.433 | 1.001 | 14.668 |
| 10/1/2018 3:00 | 2178000 | 130.231 | 20.444 | 296.837 | 5764.514 | 6317.422 | 3.486 | 4.296 | 173.475 | 1.001 | 14.668 |
| 10/1/2018 3:15 | 2178900 | 130.228 | 20.428 | 296.831 | 5769.018 | 6320.953 | 3.488 | 4.298 | 173.34 | 1.001 | 14.674 |
| 10/1/2018 3:30 | 2179800 | 130.233 | 20.435 | 296.84 | 5770.873 | 6322.109 | 3.488 | 4.299 | 173.284 | 1.001 | 14.667 |
| 10/1/2018 3:45 | 2180700 | 130.248 | 20.425 | 296.876 | 5770.311 | 6322.853 | 3.489 | 4.3 | 173.301 | 1.001 | 14.671 |
| 10/1/2018 4:00 | 2181600 | 130.261 | 20.425 | 296.906 | 5770.877 | 6323.473 | 3.489 | 4.3 | 173.284 | 1.001 | 14.663 |
| 10/1/2018 4:15 | 2182500 | 130.248 | 20.421 | 296.876 | 5767.907 | 6320.714 | 3.488 | 4.298 | 173.373 | 1.001 | 14.667 |
| 10/1/2018 4:30 | 2183400 | 130.227 | 20.436 | 296.826 | 5772.091 | 6323.282 | 3.489 | 4.3 | 173.247 | 1.001 | 14.663 |
| 10/1/2018 4:45 | 2184300 | 130.265 | 20.434 | 296.914 | 5767.689 | 6318.713 | 3.486 | 4.297 | 173.38 | 1.001 | 14.663 |
| 10/1/2018 5:00 | 2185200 | 130.257 | 20.438 | 296.896 | 5768.713 | 6319.373 | 3.487 | 4.297 | 173.349 | 1.001 | 14.667 |
| 10/1/2018 5:15 | 2186100 | 130.264 | 20.422 | 296.912 | 5772.654 | 6325.719 | 3.49 | 4.301 | 173.231 | 1.001 | 14.669 |
| 10/1/2018 5:30 | 2187000 | 130.274 | 20.434 | 296.934 | 5768.199 | 6319.294 | 3.487 | 4.297 | 173.364 | 1.001 | 14.672 |
| 10/1/2018 5:45 | 2187900 | 130.261 | 20.435 | 296.905 | 5773.861 | 6325.382 | 3.49 | 4.301 | 173.194 | 1.001 | 14.673 |
| 10/1/2018 6:00 | 2188800 | 130.284 | 20.425 | 296.976 | 5768.528 | 6321.118 | 3.488 | 4.298 | 173.354 | 1.001 | 14.669 |
| 10/1/2018 6:15 | 2189700 | 130.273 | 20.43 | 296.933 | 5774.373 | 6326.553 | 3.491 | 4.302 | 173.179 | 1.001 | 14.672 |
| 10/1/2018 6:30 | 2190600 | 130.286 | 20.429 | 296.963 | 5774.239 | 6326.591 | 3.491 | 4.302 | 173.183 | 1.001 | 14.667 |
| 10/1/2018 6:45 | 2191500 | 130.292 | 20.437 | 296.975 | 5770.671 | 6321.669 | 3.488 | 4.299 | 173.29 | 1.001 | 14.671 |
| 10/1/2018 7:00 | 2192400 | 130.297 | 20.431 | 296.986 | 5769.829 | 6321.459 | 3.488 | 4.299 | 173.315 | 1.001 | 14.677 |
| 10/1/2018 7:15 | 2193300 | 130.295 | 20.429 | 296.982 | 5773.47 | 6325.749 | 3.49 | 4.302 | 173.206 | 1.001 | 14.685 |
| 10/1/2018 7:30 | 2194200 | 130.298 | 20.419 | 296.984 | 5774.413 | 6328.051 | 3.492 | 4.303 | 173.178 | 1.001 | 14.683 |
| 10/1/2018 7:45 | 2195100 | 130.294 | 20.436 | 296.98 | 5776.473 | 6328.106 | 3.492 | 4.303 | 173.116 | 1.001 | 14.689 |
| 10/1/2018 8:00 | 2196000 | 130.308 | 20.417 | 297.011 | 5774.477 | 6328.399 | 3.492 | 4.303 | 173.176 | 1.001 | 14.686 |
| 10/1/2018 8:15 | 2196900 | 130.308 | 20.42 | 297.013 | 5775.113 | 6328.761 | 3.492 | 4.304 | 173.157 | 1.001 | 14.685 |
| 10/1/2018 8:30 | 2197800 | 130.296 | 20.429 | 296.985 | 5773.424 | 6325.664 | 3.49 | 4.301 | 173.207 | 1.001 | 14.689 |
| 10/1/2018 8:45 | 2198700 | 130.301 | 20.436 | 296.995 | 5773.319 | 6329.066 | 3.492 | 4.304 | 173.091 | 1.001 | 14.682 |
| 10/1/2018 9:00 | 2199600 | 130.307 | 20.431 | 297.009 | 5775.94 | 6328.871 | 3.492 | 4.304 | 173.112 | 1.001 | 14.687 |
| 10/1/2018 9:15 | 2200500 | 130.299 | 20.424 | 296.991 | 5772.733 | 6325.553 | 3.49 | 4.301 | 173.228 | 1.001 | 14.688 |
| 10/1/2018 9:30 | 2201400 | 130.305 | 20.431 | 297.005 | 5777.789 | 6330.273 | 3.493 | 4.305 | 173.077 | 1.001 | 14.689 |
| 10/1/2018 9:45 | 2202300 | 130.316 | 20.418 | 297.03 | 5774.723 | 6328.518 | 3.492 | 4.303 | 173.168 | 1.001 | 14.677 |
| 10/1/2018 10:00 | 2203200 | 130.28 | 20.411 | 296.949 | 5775.962 | 6330.915 | 3.493 | 4.305 | 173.131 | 1.001 | 14.677 |
| 10/1/2018 10:15 | 2204100 | 130.316 | 20.431 | 297.029 | 5779.635 | 6332.295 | 3.494 | 4.306 | 173.021 | 1.001 | 14.681 |
| 10/1/2018 10:30 | 2205000 | 130.334 | 20.414 | 297.072 | 5773.501 | 6328.864 | 3.492 | 4.304 | 173.205 | 1.001 | 14.677 |
| 10/1/2018 10:45 | 2205900 | 130.322 | 20.414 | 297.059 | 5778.438 | 6333.156 | 3.495 | 4.307 | 173.057 | 1.001 | 14.679 |
| 10/1/2018 11:00 | 2206800 | 130.297 | 20.415 | 296.986 | 5779.604 | 6334.26 | 3.495 | 4.307 | 173.022 | 1.001 | 14.675 |
| 10/1/2018 11:15 | 2207700 | 130.324 | 20.412 | 297.049 | 5778.394 | 6333.371 | 3.495 | 4.307 | 173.058 | 1.001 | 14.678 |
| 10/1/2018 11:30 | 2208600 | 130.335 | 20.432 | 297.073 | 5776.488 | 6328.594 | 3.492 | 4.303 | 173.116 | 1.001 | 14.671 |
| 10/1/2018 11:45 | 2209500 | 130.312 | 20.43 | 297.022 | 5779.044 | 6331.787 | 3.494 | 4.306 | 173.039 | 1.001 | 14.672 |
| 10/1/2018 12:00 | 2210400 | 130.342 | 20.433 | 297.089 | 5777.25 | 6329.325 | 3.493 | 4.304 | 173.093 | 1.001 | 14.667 |
| 10/1/2018 12:15 | 2211300 | 130.356 | 20.427 | 297.122 | 5777.469 | 6330.432 | 3.493 | 4.305 | 173.086 | 1.001 | 14.665 |
| 10/1/2018 12:30 | 2212200 | 130.334 | 20.426 | 297.071 | 5772.93 | 6325.527 | 3.49 | 4.301 | 173.222 | 1.001 | 14.662 |
| 10/1/2018 12:45 | 2213100 | 130.374 | 20.417 | 297.162 | 5784.073 | 6338.938 | 3.498 | 4.31 | 172.889 | 1.001 | 14.658 |
| 10/1/2018 13:00 | 2214000 | 130.379 | 20.43 | 297.173 | 5779.442 | 6332.223 | 3.494 | 4.306 | 173.027 | 1.001 | 14.657 |
| 10/1/2018 13:15 | 2214900 | 130.395 | 20.423 | 297.21 | 5779.391 | 6332.963 | 3.495 | 4.306 | 173.029 | 1.001 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 130.389 | 20.415 | 297.197 | 5778.214 | 6332.794 | 3.495 | 4.306 | 173.064 | 1.001 | 14.655 |
| 10/1/2018 13:45 | 2216700 | 130.404 | 20.416 | 297.223 | 5777.927 | 6332.398 | 3.494 | 4.306 | 173.072 | 1.001 | 14.652 |
| 10/1/2018 14:00 | 2217600 | 130.404 | 20.436 | 297.231 | 5778.485 | 6330.343 | 3.493 | 4.305 | 173.056 | 1.001 | 14.649 |
| 10/1/2018 14:15 | 2218500 | 130.412 | 20.431 | 297.248 | 5779.545 | 6332.117 | 3.494 | 4.306 | 173.024 | 1.001 | 14.646 |
| 10/1/2018 14:30 | 2219400 | 130.421 | 20.426 | 297.27 | 5776.754 | 6329.705 | 3.493 | 4.304 | 173.108 | 1.001 | 14.644 |
| 10/1/2018 14:45 | 2220300 | 130.428 | 20.436 | 297.286 | 5776.14 | 6327.704 | 3.492 | 4.303 | 173.126 | 1.001 | 14.643 |
| 10/1/2018 15:00 | 2221200 | 130.407 | 20.436 | 297.238 | 5778.837 | 6330.671 | 3.493 | 4.305 | 173.045 | 1.001 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 130.418 | 20.419 | 297.262 | 5779.947 | 6331.947 | 3.494 | 4.306 | 173.072 | 1.001 | 14.644 |
| 10/1/2018 15:30 | 2223000 | 130.45 | 20.421 | 297.336 | 5775.524 | 6331.288 | 3.494 | 4.305 | 173.085 | 1.001 | 14.642 |
| 10/1/2018 15:45 | 2223900 | 130.46 | 20.429 | 297.359 | 5774.186 | 6326.51 | 3.491 | 4.302 | 173.185 | 1.001 | 14.638 |
| 10/1/2018 16:00 | 2224800 | 130.463 | 20.423 | 297.365 | 5771.243 | 6324.071 | 3.489 | 4.3 | 173.273 | 1.001 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 130.469 | 20.432 | 297.379 | 5774.215 | 6326.126 | 3.491 | 4.302 | 173.184 | 1.001 | 14.64 |
| 10/1/2018 16:30 | 2226600 | 130.482 | 20.433 | 297.409 | 5776.578 | 6328.682 | 3.492 | 4.304 | 173.113 | 1.001 | 14.646 |
| 10/1/2018 16:45 | 2227500 | 130.473 | 20.419 | 297.388 | 5774.084 | 6325.18 | 3.49 | 4.304 | 173.061 | 1.001 | 14.638 |
| 10/1/2018 17:00 | 2228400 | 130.481 | 20.424 | 297.406 | 5773.205 | 6326.128 | 3.491 | 4.302 | 173.214 | 1.001 | 14.64 |
| 10/1/2018 17:15 | 2229300 | 130.499 | 20.436 | 297.447 | 5772.48 | 6323.754 | 3.489 | 4.3 | 173.236 | 1.001 | 14.632 |
| 10/1/2018 17:30 | 2230200 | 130.498 | 20.428 | 297.444 | 5775.172 | 6327.787 | 3.492 | 4.303 | 173.155 | 1.001 | 14.635 |
| 10/1/2018 17:45 | 2231100 | 130.488 | 20.424 | 297.423 | 5769.361 | 6321.847 | 3.488 | 4.299 | 173.329 | 1.001 | 14.641 |
| 10/1/2018 18:00 | 2232000 | 130.509 | 20.42 | 297.469 | 5773.544 | 6326.983 | 3.491 | 4.302 | 173.204 | 1.001 | 14.631 |
| 10/1/2018 18:15 | 2232900 | 130.525 | 20.429 | 297.505 | 5771.022 | 6325.844 | 3.491 | 4.302 | 173.28 | 1.001 | 14.639 |
| 10/1/2018 18:30 | 2233800 | 130.477 | 20.403 | 297.398 | 5768.711 | 6324.006 | 3.489 | 4.3 | 173.349 | 1.001 | 14.636 |
| 10/1/2018 18:45 | 2234700 | 130.49 | 20.411 | 297.427 | 5774.059 | 6328.758 | 3.492 | 4.304 | 173.188 | 1.001 | 14.63 |
| 10/1/2018 19:00 | 2235600 | 130.482 | 20.435 | 297.409 | 5772.954 | 6324.377 | 3.49 | 4.301 | 173.222 | 1.001 | 14.634 |
| 10/1/2018 19:15 | 2236500 | 130.492 | 20.422 | 297.431 | 5764.737 | 6317.113 | 3.485 | 4.296 | 173.468 | 1.001 | 14.632 |
| 10/1/2018 19:30 | 2237400 | 130.474 | 20.423 | 297.39 | 5770.019 | 6322.82 | 3.489 | 4.3 | 173.31 | 1.001 | 14.632 |
| 10/1/2018 19:45 | 2238300 | 130.487 | 20.417 | 297.427 | 5768.18 | 6320.675 | 3.487 | 4.298 | 173.358 | 1.001 | 14.624 |
| 10/1/2018 20:00 | 2239200 | 130.445 | 20.416 | 297.324 | 5764.847 | 6317.972 | 3.486 | 4.296 | 173.465 | 1.001 | 14.63 |
| 10/1/2018 20:15 | 2240100 | 130.445 | 20.418 | 297.324 | 5766.891 | 6320.016 | 3.487 | 4.298 | 173.404 | 1.001 | 14.628 |
| 10/1/2018 20:30 | 2241000 | 130.442 | 20.428 | 297.317 | 5763.195 | 6314.652 | 3.484 | 4.294 | 173.515 | 1.001 | 14.626 |
| 10/1/2018 20:45 | 2241900 | 130.461 | 20.437 | 297.361 | 5769.494 | 6320.367 | 3.487 | 4.298 | 173.325 | 1.001 | 14.632 |
| 10/1/2018 21:00 | 2242800 | 130.433 | 20.416 | 297.297 | 5763.926 | 6316.986 | 3.485 | 4.296 | 173.493 | 1.001 | 14.631 |
| 10/1/2018 21:15 | 2243700 | 130.445 | 20.437 | 297.325 | 5761.488 | 6312.488 | 3.483 | 4.292 | 173.665 | 1.001 | 14.641 |
| 10/1/2018 21:30 | 2244600 | 130.414 | 20.405 | 297.254 | 5761.868 | 6316.191 | 3.485 | 4.295 | 173.555 | 1.001 | 14.629 |
| 10/1/2018 21:45 | 2245500 | 130.453 | 20.419 | 297.342 | 5761.913 | 6314.375 | 3.484 | 4.294 | 173.553 | 1.001 | 14.63 |
| 10/1/2018 22:00 | 2246400 | 130.419 | 20.42 | 297.266 | 5758.304 | 6310.329 | 3.481 | 4.291 | 173.662 | 1.001 | 14.639 |
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|-----------------|---------|---------|--------|---------|----------|----------|-------|-------|---------|-------|--------|
| 10/3/2018 6:15 | 2362500 | 130.402 | 20.415 | 297.226 | 5769.689 | 6323.394 | 3.489 | 4.3 | 173.32 | 1.001 | 14.667 |
| 10/3/2018 6:30 | 2363400 | 130.417 | 20.432 | 297.262 | 5774.975 | 6326.982 | 3.491 | 4.302 | 173.161 | 1.001 | 14.666 |
| 10/3/2018 6:45 | 2364300 | 130.44 | 20.427 | 297.313 | 5775.449 | 6328.136 | 3.492 | 4.303 | 173.147 | 1.001 | 14.653 |
| 10/3/2018 7:00 | 2365200 | 130.44 | 20.425 | 297.313 | 5774.661 | 6327.631 | 3.492 | 4.303 | 173.17 | 1.001 | 14.671 |
| 10/3/2018 7:15 | 2366100 | 130.454 | 20.443 | 297.344 | 5777.617 | 6328.4 | 3.492 | 4.303 | 173.082 | 1.001 | 14.668 |
| 10/3/2018 7:30 | 2367000 | 130.463 | 20.433 | 297.365 | 5777.414 | 6329.597 | 3.493 | 4.304 | 173.088 | 1.001 | 14.664 |
| 10/3/2018 7:45 | 2367900 | 130.456 | 20.432 | 297.349 | 5779.739 | 6332.155 | 3.494 | 4.306 | 173.018 | 1.001 | 14.677 |
| 10/3/2018 8:00 | 2368800 | 130.429 | 20.425 | 297.287 | 5776.253 | 6329.283 | 3.493 | 4.304 | 173.123 | 1.001 | 14.673 |
| 10/3/2018 8:15 | 2369700 | 130.446 | 20.425 | 297.326 | 5777.047 | 6330.141 | 3.493 | 4.304 | 173.099 | 1.001 | 14.669 |
| 10/3/2018 8:30 | 2370600 | 130.457 | 20.432 | 297.352 | 5780.245 | 6332.756 | 3.495 | 4.306 | 173.003 | 1.001 | 14.675 |
| 10/3/2018 8:45 | 2371500 | 130.484 | 20.427 | 297.413 | 5778.926 | 6332.051 | 3.494 | 4.306 | 173.043 | 1.001 | 14.674 |
| 10/3/2018 9:00 | 2372400 | 130.493 | 20.44 | 297.435 | 5784.73 | 6336.607 | 3.497 | 4.309 | 172.869 | 1.001 | 14.675 |
| 10/3/2018 9:15 | 2373300 | 130.459 | 20.43 | 297.357 | 5779.037 | 6331.71 | 3.494 | 4.306 | 173.039 | 1.001 | 14.678 |
| 10/3/2018 9:30 | 2374200 | 130.462 | 20.422 | 297.362 | 5784.176 | 6338.381 | 3.498 | 4.31 | 172.885 | 1.001 | 14.685 |
| 10/3/2018 9:45 | 2375100 | 130.506 | 20.424 | 297.463 | 5783.945 | 6337.93 | 3.498 | 4.31 | 172.892 | 1.001 | 14.676 |
| 10/3/2018 10:00 | 2376000 | 130.507 | 20.426 | 297.466 | 5785.854 | 6339.758 | 3.499 | 4.311 | 172.835 | 1.001 | 14.682 |
| 10/3/2018 10:15 | 2376900 | 130.511 | 20.434 | 297.475 | 5786.091 | 6338.895 | 3.498 | 4.31 | 172.828 | 1.001 | 14.676 |
| 10/3/2018 10:30 | 2377800 | 130.504 | 20.428 | 297.458 | 5786.221 | 6339.858 | 3.499 | 4.311 | 172.824 | 1.001 | 14.68 |
| 10/3/2018 10:45 | 2378700 | 130.504 | 20.438 | 297.459 | 5782.482 | 6334.411 | 3.496 | 4.307 | 172.936 | 1.001 | 14.684 |
| 10/3/2018 11:00 | 2379600 | 130.515 | 20.433 | 297.483 | 5782.245 | 6334.809 | 3.496 | 4.308 | 172.943 | 1.001 | 14.679 |
| 10/3/2018 11:15 | 2380500 | 130.521 | 20.424 | 297.497 | 5786.466 | 6340.612 | 3.499 | 4.312 | 172.817 | 1.001 | 14.683 |
| 10/3/2018 11:30 | 2381400 | 130.474 | 20.438 | 297.391 | 5788.5 | 6341.014 | 3.5 | 4.312 | 172.756 | 1.001 | 14.688 |
| 10/3/2018 11:45 | 2382300 | 130.517 | 20.439 | 297.488 | 5784.118 | 6336.099 | 3.497 | 4.309 | 172.887 | 1.001 | 14.685 |
| 10/3/2018 12:00 | 2383200 | 130.518 | 20.441 | 297.49 | 5787.904 | 6339.934 | 3.499 | 4.311 | 172.774 | 1.001 | 14.681 |
| 10/3/2018 12:15 | 2384100 | 130.486 | 20.431 | 297.418 | 5788.315 | 6341.772 | 3.5 | 4.312 | 172.762 | 1.001 | 14.681 |
| 10/3/2018 12:30 | 2385000 | 130.517 | 20.432 | 297.488 | 5788.238 | 6341.501 | 3.5 | 4.312 | 172.764 | 1.001 | 14.681 |
| 10/3/2018 12:45 | 2385900 | 130.522 | 20.427 | 297.501 | 5783.57 | 6337.081 | 3.497 | 4.309 | 172.904 | 1.001 | 14.682 |
| 10/3/2018 13:00 | 2386800 | 130.532 | 20.434 | 297.522 | 5786.628 | 6339.45 | 3.499 | 4.311 | 172.812 | 1.001 | 14.672 |
| 10/3/2018 13:15 | 2387700 | 130.526 | 20.435 | 297.508 | 5789.053 | 6341.979 | 3.5 | 4.313 | 172.74 | 1.001 | 14.675 |
| 10/3/2018 13:30 | 2388600 | 130.537 | 20.425 | 297.533 | 5784.842 | 6338.787 | 3.498 | 4.31 | 172.866 | 1.001 | 14.675 |
| 10/3/2018 13:45 | 2389500 | 130.537 | 20.432 | 297.535 | 5789.873 | 6343.304 | 3.501 | 4.313 | 172.715 | 1.001 | 14.671 |
| 10/3/2018 14:00 | 2390400 | 130.521 | 20.423 | 297.497 | 5788.793 | 6343.266 | 3.501 | 4.313 | 172.748 | 1.001 | 14.671 |
| 10/3/2018 14:15 | 2391300 | 130.544 | 20.42 | 297.551 | 5789.116 | 6344.072 | 3.501 | 4.314 | 172.738 | 1.001 | 14.67 |
| 10/3/2018 14:30 | 2392200 | 130.556 | 20.436 | 297.577 | 5784.737 | 6337.182 | 3.497 | 4.309 | 172.869 | 1.001 | 14.663 |
| 10/3/2018 14:45 | 2393100 | 130.559 | 20.422 | 297.585 | 5788.635 | 6343.3 | 3.501 | 4.313 | 172.752 | 1.001 | 14.671 |
| 10/3/2018 15:00 | 2394000 | 130.571 | 20.418 | 297.611 | 5787.648 | 6342.694 | 3.5 | 4.313 | 172.782 | 1.001 | 14.668 |
| 10/3/2018 15:15 | 2394900 | 130.567 | 20.421 | 297.603 | 5791.451 | 6346.514 | 3.503 | 4.316 | 172.668 | 1.001 | 14.665 |
| 10/3/2018 15:30 | 2395800 | 130.577 | 20.421 | 297.625 | 5791.382 | 6346.449 | 3.503 | 4.316 | 172.67 | 1.001 | 14.662 |
| 10/3/2018 15:45 | 2396700 | 130.57 | 20.427 | 297.609 | 5788.543 | 6342.518 | 3.5 | 4.313 | 172.755 | 1.001 | 14.661 |
| 10/3/2018 16:00 | 2397600 | 130.583 | 20.433 | 297.639 | 5787.298 | 6340.345 | 3.499 | 4.311 | 172.792 | 1.001 | 14.663 |
| 10/3/2018 16:15 | 2398500 | 130.588 | 20.434 | 297.65 | 5788.981 | 6342.143 | 3.5 | 4.313 | 172.742 | 1.001 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 130.589 | 20.427 | 297.653 | 5792.102 | 6346.383 | 3.503 | 4.316 | 172.649 | 1.001 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 130.601 | 20.431 | 297.68 | 5790.971 | 6344.611 | 3.502 | 4.314 | 172.683 | 1.001 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 130.606 | 20.425 | 297.691 | 5791.256 | 6345.803 | 3.502 | 4.315 | 172.674 | 1.001 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 130.622 | 20.424 | 297.728 | 5788.495 | 6342.905 | 3.501 | 4.313 | 172.756 | 1.001 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 130.63 | 20.412 | 297.746 | 5790.537 | 6346.67 | 3.503 | 4.316 | 172.696 | 1.001 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 130.638 | 20.413 | 297.765 | 5789.394 | 6345.313 | 3.502 | 4.315 | 172.73 | 1.001 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 130.6 | 20.42 | 297.678 | 5786.998 | 6341.739 | 3.5 | 4.312 | 172.801 | 1.001 | 14.666 |
| 10/3/2018 18:15 | 2405700 | 130.62 | 20.416 | 297.722 | 5790.071 | 6345.604 | 3.502 | 4.315 | 172.709 | 1.001 | 14.663 |
| 10/3/2018 18:30 | 2406600 | 130.64 | 20.434 | 297.769 | 5792.511 | 6345.963 | 3.502 | 4.315 | 172.637 | 1.001 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 130.641 | 20.421 | 297.77 | 5790.134 | 6345.07 | 3.502 | 4.315 | 172.708 | 1.001 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 130.635 | 20.424 | 297.758 | 5790.066 | 6344.616 | 3.502 | 4.314 | 172.71 | 1.001 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 130.643 | 20.418 | 297.775 | 5785.081 | 6339.916 | 3.499 | 4.311 | 172.858 | 1.001 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 130.643 | 20.42 | 297.777 | 5783.193 | 6337.546 | 3.497 | 4.31 | 172.915 | 1.001 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 130.647 | 20.427 | 297.785 | 5790.256 | 6344.338 | 3.501 | 4.314 | 172.704 | 1.001 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 130.635 | 20.415 | 297.758 | 5788.359 | 6343.972 | 3.501 | 4.314 | 172.761 | 1.001 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 130.637 | 20.419 | 297.761 | 5788.657 | 6343.72 | 3.501 | 4.314 | 172.752 | 1.001 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 130.613 | 20.419 | 297.708 | 5788.147 | 6343.183 | 3.501 | 4.313 | 172.767 | 1.001 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 130.596 | 20.425 | 297.668 | 5789.812 | 6344.163 | 3.501 | 4.314 | 172.717 | 1.001 | 14.689 |
| 10/3/2018 21:00 | 2415600 | 130.62 | 20.432 | 297.723 | 5784.785 | 6337.753 | 3.498 | 4.31 | 172.867 | 1.001 | 14.688 |
| 10/3/2018 21:15 | 2416500 | 130.62 | 20.424 | 297.724 | 5783.027 | 6336.821 | 3.497 | 4.309 | 172.92 | 1.001 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 130.612 | 20.435 | 297.705 | 5787.748 | 6340.619 | 3.499 | 4.312 | 172.779 | 1.001 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 130.613 | 20.429 | 297.707 | 5783.627 | 6336.912 | 3.497 | 4.309 | 172.902 | 1.001 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 130.598 | 20.416 | 297.672 | 5784.475 | 6339.563 | 3.499 | 4.311 | 172.877 | 1.001 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 130.588 | 20.433 | 297.65 | 5786.972 | 6339.954 | 3.499 | 4.311 | 172.802 | 1.001 | 14.695 |
| 10/3/2018 22:30 | 2421000 | 130.586 | 20.429 | 297.645 | 5787.156 | 6340.79 | 3.499 | 4.312 | 172.796 | 1.001 | 14.692 |
| 10/3/2018 22:45 | 2421900 | 130.565 | 20.437 | 297.597 | 5782.505 | 6334.633 | 3.496 | 4.308 | 172.935 | 1.001 | 14.699 |
| 10/3/2018 23:00 | 2422800 | 130.553 | 20.424 | 297.57 | 5778.311 | 6331.653 | 3.494 | 4.306 | 173.061 | 1.001 | 14.699 |
| 10/3/2018 23:15 | 2423700 | 130.521 | 20.421 | 297.498 | 5778.121 | 6331.872 | 3.494 | 4.306 | 173.067 | 1.001 | 14.701 |
| 10/3/2018 23:30 | 2424600 | 130.541 | 20.424 | 297.543 | 5784.304 | 6338.313 | 3.498 | 4.31 | 172.882 | 1.001 | 14.697 |
| 10/3/2018 23:45 | 2425500 | 130.518 | 20.437 | 297.491 | 5781.981 | 6334.059 | 3.495 | 4.307 | 172.951 | 1.001 | 14.705 |

Report Date: 10/8/2018 13:15
 Report User Name: WMassoll
 Report Computer Name: WKST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MPWSP MW-8M_2018-10-04_11-05-56-485.wsl
 Create Date: 10/4/2018 11:04

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP MW-8
 Device Name:
 Serial Number: 410756
 Firmware Version: 2
 Hardware Version: 3
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 0
 Used Battery: 11

Log Configuration
 Log Name: MPWSP MW-8M
 Created By: SKuiper
 Computer Name: PROBOOK8
 Application: WinSitu.exe
 Application Version: 5.6.25.0
 Create Date: 10/27/2016 4:37:16 PM Pacific Daylight Time
 Log Setup Time Zone: Pacific Daylight Time
 Notes Size(bytes): 4096
 Overwrite when full: Enabled
 Scheduled Start Time: 10/27/2016 5:00:00 PM Pacific Daylight Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Depth
 Specific Gravity: 1.024

Other Log Settings
 Depth of Probe: 0.465086 (ft)
 Head Pressure: 0.206467 (PSI)
 Temperature: 17.6017 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:
 Date and Time Note
 10/27/2016 16:37 Sensor SN: 410756 Factory calibration has expired.: 6/10/2016 6:27:04 PM
 10/27/2016 16:37 Used Battery: 11% Used Memory: 3% User Name: SKuiper
 10/27/2016 17:45 Log Download - Used Battery: 11% Used Memory: 3% User Name: SKuiper Interval - Start Time: 10/27/2016 5:00:00 PM Stop Time: 10/27/2016 6:30:00 PM
 11/3/2016 15:41 Log Download - Used Battery: 12% Used Memory: 3% User Name: SKuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:30:00 PM
 11/11/2016 8:26 Log Download - Used Battery: 12% Used Memory: 4% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 8:15:00 AM
 11/17/2016 15:03 Log Download - Used Battery: 13% Used Memory: 4% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 3:00:00 PM
 11/24/2016 12:31 Log Download - Used Battery: 13% Used Memory: 6% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 1:15:00 PM
 12/2/2016 7:59 Log Download - Used Battery: 13% Used Memory: 6% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 7:45:00 AM
 12/9/2016 9:30 Log Download - Used Battery: 14% Used Memory: 7% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 9:30:00 AM
 12/15/2016 15:22 Log Download - Used Battery: 14% Used Memory: 7% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:15:00 PM
 12/22/2016 12:06 Log Download - Used Battery: 14% Used Memory: 9% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 1:00:00 PM
 1/5/2017 10:16 Log Download - Used Battery: 15% Used Memory: 10% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 11:00:00 AM
 1/12/2017 16:09 Log Download - Used Battery: 15% Used Memory: 10% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 4:00:00 PM
 1/19/2017 12:44 Log Download - Used Battery: 16% Used Memory: 12% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:30:00 PM
 1/26/2017 9:53 Log Download - Used Battery: 16% Used Memory: 12% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 11:30:00 AM
 2/2/2017 15:44 Log Download - Used Battery: 16% Used Memory: 14% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 4:30:00 PM
 2/9/2017 11:58 Log Download - Used Battery: 17% Used Memory: 14% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 11:45:00 AM
 2/16/2017 11:58 Log Download - Used Battery: 17% Used Memory: 15% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 12:45:00 PM
 2/23/2017 14:07 Log Download - Used Battery: 18% Used Memory: 15% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 3:00:00 PM
 3/2/2017 16:01 Log Download - Used Battery: 18% Used Memory: 17% User Name: SKuiper Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 3/2/2017 4:00:00 PM
 3/9/2017 12:15 Log Download - Used Battery: 18% Used Memory: 17% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 1:15:00 PM
 3/16/2017 16:08 Log Download - Used Battery: 19% Used Memory: 18% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 5:00:00 PM
 3/23/2017 14:19 Log Download - Used Battery: 19% Used Memory: 18% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 3:15:00 PM
 3/30/2017 12:30 Log Download - Used Battery: 19% Used Memory: 20% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 1:15:00 PM
 4/6/2017 13:04 Log Download - Used Battery: 20% Used Memory: 21% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 1:00:00 PM
 4/13/2017 11:12 Log Download - Used Battery: 20% Used Memory: 21% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 12:00:00 PM
 4/20/2017 11:34 Log Download - Used Battery: 20% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 12:30:00 PM
 4/27/2017 12:03 Log Download - Used Battery: 21% Used Memory: 23% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 1:00:00 PM
 5/4/2017 11:59 Log Download - Used Battery: 21% Used Memory: 25% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 12:45:00 PM
 5/11/2017 11:05 Log Download - Used Battery: 21% Used Memory: 25% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 12:00:00 PM
 5/18/2017 17:48 Log Download - Used Battery: 22% Used Memory: 26% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 6:45:00 PM
 5/25/2017 10:46 Log Download - Used Battery: 22% Used Memory: 26% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:45:00 AM
 6/1/2017 17:11 Log Download - Used Battery: 23% Used Memory: 28% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 6:00:00 PM
 6/8/2017 11:54 Log Download - Used Battery: 23% Used Memory: 28% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 12:45:00 PM
 6/15/2017 14:45 Log Download - Used Battery: 23% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 3:45:00 PM
 6/22/2017 8:11 Log Download - Used Battery: 24% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 9:00:00 AM
 6/29/2017 15:11 Log Download - Used Battery: 24% Used Memory: 31% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:00:00 PM
 7/6/2017 7:45 Log Download - Used Battery: 24% Used Memory: 31% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 8:45:00 AM
 7/13/2017 13:33 Log Download - Used Battery: 25% Used Memory: 32% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 2:30:00 PM
 7/20/2017 11:15 Log Download - Used Battery: 25% Used Memory: 32% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 11:15:00 AM
 7/27/2017 10:29 Log Download - Used Battery: 26% Used Memory: 34% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 11:15:00 AM
 8/3/2017 11:03 Log Download - Used Battery: 26% Used Memory: 34% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 12:00:00 PM
 8/10/2017 11:18 Log Download - Used Battery: 26% Used Memory: 35% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 11:15:00 AM
 8/17/2017 12:17 Log Download - Used Battery: 27% Used Memory: 35% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 1:15:00 PM
 8/24/2017 9:10 Log Download - Used Battery: 27% Used Memory: 37% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 10:00:00 AM
 9/1/2017 12:30 Log Download - Used Battery: 27% Used Memory: 39% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 12:30:00 PM
 9/7/2017 12:58 Log Download - Used Battery: 28% Used Memory: 39% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 1:45:00 PM
 9/14/2017 13:40 Log Download - Used Battery: 28% Used Memory: 40% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:30:00 PM
 9/21/2017 12:55 Log Download - Used Battery: 28% Used Memory: 40% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:45:00 PM
 9/28/2017 11:59 Log Download - Used Battery: 29% Used Memory: 42% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 12:45:00 PM
 10/5/2017 13:32 Log Download - Used Battery: 29% Used Memory: 42% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 2:30:00 PM
 10/12/2017 14:05 Log Download - Used Battery: 29% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 3:00:00 PM
 10/12/2017 14:06 Log Download - Used Battery: 29% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 3:00:00 PM
 10/19/2017 14:12 Log Download - Used Battery: 30% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 3:00:00 PM
 10/26/2017 12:12 Log Download - Used Battery: 30% Used Memory: 45% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 1:00:00 PM
 11/2/2017 13:47 Log Download - Used Battery: 31% Used Memory: 45% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 1:45:00 PM
 11/9/2017 13:46 Log Download - Used Battery: 31% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 2:45:00 PM
 11/16/2017 11:10 Log Download - Used Battery: 31% Used Memory: 46% User Name: WMassoll Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/16/2017 11:00:00 AM
 11/23/2017 14:00 Log Download - Used Battery: 32% Used Memory: 48% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 3:00:00 PM
 12/1/2017 9:23 Log Download - Used Battery: 32% Used Memory: 48% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 10:15:00 AM
 12/7/2017 14:26 Log Download - Used Battery: 32% Used Memory: 50% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 3:15:00 PM

Log Data:
 Record Count: 2740

Sensors: 1
 1 410756 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | Sensor: PCTD(G) 231ft | |
|---------------|-------------------------|-------------------------------|--------------------------------|---------------------------|--|--|-------------------------------|---|-------------------------------------|--------------------------------------|-------|
| | | SN#: 410756 Pressure (PSI) | SN#: 410756 Temperature (C) | SN#: 410756 Depth (ft) | SN#: 410756 Actual Conductivity (µs/cm) | SN#: 410756 Specific Conductivity (µs/cm) | SN#: 410756 Salinity (PSU) | SN#: 410756 Total Dissolved Solids (ppt) | SN#: 410756 Resistivity (ohm-cm) | SN#: 410756 Water Density (g/cm3) | |
| 9/6/2018 0:00 | | 7200 | 70.075 | 17.248 | 157.85 | 41034.328 | 48165.848 | 31.582 | 32.753 | 24.37 | 1.023 |
| 9/6/2018 0:15 | | 8100 | 70.081 | 17.248 | 157.864 | 41084.277 | 48224.746 | 31.625 | 32.793 | 24.34 | 1.023 |
| 9/6/2018 0:30 | | 9000 | 70.062 | 17.247 | 157.821 | 41041.852 | 48175.598 | 31.589 | 32.759 | 24.365 | 1.023 |
| 9/6/2018 0:45 | | 9900 | 70.072 | 17.248 | 157.845 | 41082.852 | 48222.695 | 31.624 | 32.791 | 24.341 | 1.023 |
| 9/6/2018 1:00 | | 10800 | 70.037 | 17.248 | 157.764 | 41033.758 | 48165.449 | 31.582 | 32.753 | 24.37 | 1.023 |
| 9/6/2018 1:15 | | 11700 | 70.038 | 17.25 | 157.767 | 41040.078 | 48170.32 | 31.586 | 32.756 | 24.366 | 1.023 |
| 9/6/2018 1:30 | | 12600 | 70.011 | 17.249 | 157.706 | 41075.707 | 48213.742 | 31.617 | 32.785 | 24.345 | 1.023 |
| 9/6/2018 1:45 | | 13500 | 70.006 | 17.245 | 157.695 | 41061.621 | 48201.359 | 31.608 | 32.777 | 24.354 | 1.023 |
| 9/6/2018 2:00 | | 14400 | 69.997 | 17.254 | 157.676 | 41075.699 | 48208.258 | 31.614 | 32.782 | 24.345 | 1.023 |
| 9/6/2018 2:15 | | 15300 | 69.982 | 17.243 | 157.642 | 41066.738 | 48209.355 | 31.614 | 32.782 | 24.351 | 1.023 |
| 9/6/2018 2:30 | | 16200 | 69.985 | 17.248 | 157.648 | 41113.551 | 48259.012 | 31.651 | 32.816 | 24.323 | 1.023 |
| 9/6/2018 2:45 | | 17100 | 69.966 | 17.244 | 157.606 | 41113.293 | 48263.34 | 31.653 | 32.819 | 24.323 | 1.023 |
| 9/6/2018 3:00 | | 18000 | 69.979 | 17.243 | 157.634 | 41113.027 | 48263.598 | 31.654 | 32.819 | 24.323 | 1.023 |
| 9/6/2018 3:15 | | 18900 | 69.962 | 17.246 | 157.597 | 41112.98 | 48260.898 | 31.652 | 32.817 | 24.323 | 1.023 |
| 9/6/2018 3:30 | | 19800 | 69.951 | 17.242 | 157.572 | 41092.977 | 48241.281 | 31.637 | 32.804 | 24.335 | 1.023 |
| 9/6/2018 3:45 | | 20700 | 69.94 | 17.245 | 157.547 | 41083.113 | 48225.934 | 31.626 | 32.794 | 24.341 | 1.023 |
| 9/6/2018 4:00 | | 21600 | 69.933 | 17.254 | 157.531 | 41061.777 | 48191.164 | 31.601 | 32.777 | 24.354 | 1.023 |
| 9/6/2018 4:15 | | 22500 | 69.94 | 17.252 | 157.546 | 41103.277 | 48242.602 | 31.639 | 32.805 | 24.329 | 1.023 |
| 9/6/2018 4:30 | | 23400 | 69.904 | 17.247 | 157.467 | 41065.461 | 48203.691 | 31.61 | 32.779 | 24.351 | 1.023 |
| 9/6/2018 4:45 | | 24300 | 69.918 | 17.251 | 157.496 | 41103.871 | 48244.719 | 31.64 | 32.806 | 24.329 | 1.023 |
| 9/6/2018 5:00 | | 25200 | 69.91 | 17.252 | 157.478 | 41095.063 | 48233.34 | 31.632 | 32.799 | 24.334 | 1.023 |
| 9/6/2018 5:15 | | 26100 | 69.916 | 17.245 | 157.493 | 41066.117 | 48206.27 | 31.612 | 32.78 | 24.351 | 1.023 |
| 9/6/2018 5:30 | | 27000 | 69.909 | 17.248 | 157.477 | 41029.441 | 48160.191 | 31.578 | 32.749 | 24.373 | 1.023 |
| 9/6/2018 5:45 | | 27900 | 69.914 | 17.249 | 157.489 | 41091.051 | 48231.859 | 31.631 | 32.798 | 24.336 | 1.023 |
| 9/6/2018 6:00 | | 28800 | 69.894 | 17.247 | 157.443 | 41077.867 | 48218.633 | 31.621 | 32.789 | 24.344 | 1.023 |
| 9/6/2018 6:15 | | 29700 | 69.902 | 17.253 | 157.462 | 41022.094 | 48145.816 | 31.568 | 32.739 | 24.377 | 1.023 |
| 9/6/2018 6:30 | | 30600 | 69.91 | 17.237 | 157.48 | 41074.621 | 48224.738 | 31.625 | 32.793 | 24.346 | 1.023 |
| 9/6/2018 6:45 | | 31500 | 69.916 | 17.245 | 157.493 | 41054.801 | 48193.172 | 31.602 | 32.771 | 24.358 | 1.023 |
| 9/6/2018 7:00 | | 32400 | 69.916 | 17.242 | 157.493 | 41059.879 | 48202.34 | 31.609 | 32.778 | 24.355 | 1.023 |
| 9/6/2018 7:15 | | 33300 | 69.935 | 17.25 | 157.536 | 41032.348 | 48161.148 | 31.579 | 32.75 | 24.371 | 1.023 |
| 9/6/2018 7:30 | | 34200 | 69.928 | 17.246 | 157.52 | 41097.777 | 48242.195 | 31.638 | 32.805 | 24.332 | 1.023 |
| 9/6/2018 7:45 | | 35100 | 69.928 | 17.249 | 157.52 | 41103.184 | 48245.992 | 31.641 | 32.807 | 24.329 | 1.023 |
| 9/6/2018 8:00 | | 36000 | 69.934 | 17.248 | 157.533 | 41063.281 | 48200.102 | 31.607 | 32.776 | 24.353 | 1.023 |
| 9/6/2018 8:15 | | 36900 | 69.945 | 17.247 | 157.558 | 41137.785 | 48288.125 | 31.672 | 32.836 | 24.309 | 1.023 |
| 9/6/2018 8:30 | | 37800 | 69.945 | 17.249 | 157.558 | 41058.332 | 48192.965 | 31.602 | 32.771 | 24.356 | 1.023 |
| 9/6/2018 8:45 | | 38700 | 69.956 | 17.243 | 157.583 | 41087.465 | 48233.207 | 31.631 | 32.799 | 24.338 | 1.023 |
| 9/6/2018 9:00 | | 39600 | 69.961 | 17.237 | 157.595 | 41040.66 | 48185.152 | 31.596 | 32.766 | 24.366 | 1.023 |
| 9/6/2018 9:15 | | 40500 | 69.971 | 17.247 | 157.617 | 41041.582 | 48175.477 | 31.589 | 32.759 | 24.366 | 1.023 |
| 9/6/2018 9:30 | | 41400 | 69.973 | 17.243 | 157.621 | 41066.535 | 48209.398 | 31 | | | |

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|----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/6/2018 11:00 | 46800 | 69.989 | 17.251 | 157.656 | 41110.453 | 48251.512 | 31.645 | 32.811 | 24.325 | 1.023 |
| 9/6/2018 11:15 | 47700 | 70.016 | 17.246 | 157.717 | 41086.465 | 48229.773 | 31.629 | 32.796 | 24.339 | 1.023 |
| 9/6/2018 11:30 | 48600 | 70.002 | 17.25 | 157.686 | 41090.125 | 48228.871 | 31.629 | 32.796 | 24.337 | 1.023 |
| 9/6/2018 11:45 | 49500 | 70.002 | 17.245 | 157.686 | 41067.207 | 48207.547 | 31.613 | 32.781 | 24.35 | 1.023 |
| 9/6/2018 12:00 | 50400 | 70.015 | 17.245 | 157.715 | 41063.156 | 48202.995 | 31.609 | 32.778 | 24.353 | 1.023 |
| 9/6/2018 12:15 | 51300 | 70.017 | 17.24 | 157.72 | 41082.426 | 48230.793 | 31.629 | 32.797 | 24.341 | 1.023 |
| 9/6/2018 12:30 | 52200 | 70.021 | 17.246 | 157.728 | 41061.934 | 48200.121 | 31.607 | 32.776 | 24.353 | 1.023 |
| 9/6/2018 12:45 | 53100 | 70 | 17.248 | 157.681 | 41067.461 | 48204.359 | 31.611 | 32.779 | 24.35 | 1.023 |
| 9/6/2018 13:00 | 54000 | 70.02 | 17.252 | 157.728 | 41078.121 | 48213.457 | 31.617 | 32.785 | 24.344 | 1.023 |
| 9/6/2018 13:15 | 54900 | 70.017 | 17.248 | 157.721 | 41061.77 | 48198.602 | 31.606 | 32.775 | 24.354 | 1.023 |
| 9/6/2018 13:30 | 55800 | 69.993 | 17.241 | 157.666 | 41070.266 | 48215.289 | 31.618 | 32.786 | 24.349 | 1.023 |
| 9/6/2018 13:45 | 56700 | 69.997 | 17.245 | 157.675 | 41115.762 | 48265.105 | 31.655 | 32.82 | 24.322 | 1.023 |
| 9/6/2018 14:00 | 57600 | 69.997 | 17.246 | 157.674 | 41088.145 | 48230.805 | 31.63 | 32.797 | 24.338 | 1.023 |
| 9/6/2018 14:15 | 58500 | 70.001 | 17.251 | 157.683 | 41105.078 | 48245.766 | 31.641 | 32.807 | 24.328 | 1.023 |
| 9/6/2018 14:30 | 59400 | 69.993 | 17.243 | 157.666 | 41076.566 | 48220.516 | 31.622 | 32.79 | 24.345 | 1.023 |
| 9/6/2018 14:45 | 60300 | 70.002 | 17.249 | 157.686 | 41128.625 | 48275.664 | 31.663 | 32.827 | 24.314 | 1.023 |
| 9/6/2018 15:00 | 61200 | 69.997 | 17.245 | 157.675 | 41082.809 | 48225.953 | 31.626 | 32.794 | 24.341 | 1.023 |
| 9/6/2018 15:15 | 62100 | 69.982 | 17.25 | 157.642 | 41074.039 | 48210.082 | 31.615 | 32.783 | 24.346 | 1.023 |
| 9/6/2018 15:30 | 63000 | 69.981 | 17.246 | 157.639 | 41072.93 | 48213.215 | 31.617 | 32.785 | 24.347 | 1.023 |
| 9/6/2018 15:45 | 63900 | 69.987 | 17.249 | 157.653 | 41072.156 | 48209.762 | 31.615 | 32.783 | 24.347 | 1.023 |
| 9/6/2018 16:00 | 64800 | 69.997 | 17.24 | 157.674 | 41041.922 | 48183.531 | 31.595 | 32.765 | 24.365 | 1.023 |
| 9/6/2018 16:15 | 65700 | 69.993 | 17.25 | 157.666 | 41107.914 | 48250.223 | 31.644 | 32.81 | 24.326 | 1.023 |
| 9/6/2018 16:30 | 66600 | 69.988 | 17.251 | 157.654 | 41094.074 | 48232.668 | 31.631 | 32.798 | 24.334 | 1.023 |
| 9/6/2018 16:45 | 67500 | 69.997 | 17.249 | 157.675 | 41051.691 | 48184.992 | 31.596 | 32.766 | 24.36 | 1.023 |
| 9/6/2018 17:00 | 68400 | 69.993 | 17.252 | 157.666 | 41087.313 | 48224.246 | 31.625 | 32.792 | 24.338 | 1.023 |
| 9/6/2018 17:15 | 69300 | 70.001 | 17.245 | 157.684 | 41066.945 | 48207.051 | 31.612 | 32.781 | 24.35 | 1.023 |
| 9/6/2018 17:30 | 70200 | 70.006 | 17.246 | 157.694 | 41083.199 | 48225.652 | 31.626 | 32.793 | 24.341 | 1.023 |
| 9/6/2018 17:45 | 71100 | 70.012 | 17.249 | 157.71 | 41078.18 | 48216.453 | 31.619 | 32.787 | 24.344 | 1.023 |
| 9/6/2018 18:00 | 72000 | 70.022 | 17.24 | 157.731 | 41039.918 | 48180.797 | 31.593 | 32.763 | 24.367 | 1.023 |
| 9/6/2018 18:15 | 72900 | 70.026 | 17.248 | 157.739 | 41103.492 | 48246.926 | 31.642 | 32.808 | 24.329 | 1.023 |
| 9/6/2018 18:30 | 73800 | 70.037 | 17.25 | 157.765 | 41097.891 | 48238.176 | 31.635 | 32.802 | 24.332 | 1.023 |
| 9/6/2018 18:45 | 74700 | 70.038 | 17.252 | 157.768 | 41128.449 | 48271.578 | 31.66 | 32.825 | 24.314 | 1.023 |
| 9/6/2018 19:00 | 75600 | 70.042 | 17.248 | 157.777 | 41098.91 | 48241.273 | 31.638 | 32.804 | 24.332 | 1.023 |
| 9/6/2018 19:15 | 76500 | 70.051 | 17.244 | 157.796 | 41122.066 | 48277.426 | 31.664 | 32.829 | 24.318 | 1.023 |
| 9/6/2018 19:30 | 77400 | 70.053 | 17.246 | 157.8 | 41100.285 | 48245.137 | 31.64 | 32.807 | 24.331 | 1.023 |
| 9/6/2018 19:45 | 78300 | 70.061 | 17.246 | 157.82 | 41113.953 | 48261.563 | 31.652 | 32.818 | 24.323 | 1.023 |
| 9/6/2018 20:00 | 79200 | 70.07 | 17.245 | 157.841 | 41117.715 | 48267.027 | 31.656 | 32.822 | 24.32 | 1.023 |
| 9/6/2018 20:15 | 80100 | 70.079 | 17.246 | 157.86 | 41069.148 | 48208.695 | 31.614 | 32.782 | 24.349 | 1.023 |
| 9/6/2018 20:30 | 81000 | 70.091 | 17.241 | 157.887 | 41061.496 | 48205.648 | 31.611 | 32.78 | 24.354 | 1.023 |
| 9/6/2018 20:45 | 81900 | 70.094 | 17.247 | 157.893 | 41054.496 | 48190.738 | 31.601 | 32.77 | 24.358 | 1.023 |
| 9/6/2018 21:00 | 82800 | 70.101 | 17.248 | 157.91 | 41054.887 | 48190.059 | 31.6 | 32.769 | 24.358 | 1.023 |
| 9/6/2018 21:15 | 83700 | 70.101 | 17.248 | 157.909 | 41100.801 | 48244.418 | 31.64 | 32.806 | 24.33 | 1.023 |
| 9/6/2018 21:30 | 84600 | 70.122 | 17.244 | 157.956 | 41078.75 | 48222.137 | 31.623 | 32.791 | 24.343 | 1.023 |
| 9/6/2018 21:45 | 85500 | 70.106 | 17.244 | 157.921 | 41097.145 | 48243.539 | 31.639 | 32.806 | 24.333 | 1.023 |
| 9/6/2018 22:00 | 86400 | 70.134 | 17.247 | 157.983 | 41068.754 | 48207.668 | 31.613 | 32.781 | 24.349 | 1.023 |
| 9/6/2018 22:15 | 87300 | 70.135 | 17.246 | 157.986 | 41086.566 | 48229.891 | 31.629 | 32.796 | 24.339 | 1.023 |
| 9/6/2018 22:30 | 88200 | 70.116 | 17.241 | 157.943 | 41152.961 | 48312.84 | 31.689 | 32.853 | 24.3 | 1.023 |
| 9/6/2018 22:45 | 89100 | 70.122 | 17.239 | 157.956 | 41060.438 | 48206.215 | 31.611 | 32.78 | 24.354 | 1.023 |
| 9/6/2018 23:00 | 90000 | 70.124 | 17.244 | 157.96 | 41110.898 | 48260.629 | 31.651 | 32.817 | 24.324 | 1.023 |
| 9/6/2018 23:15 | 90900 | 70.115 | 17.245 | 157.942 | 41083.133 | 48226.996 | 31.627 | 32.794 | 24.341 | 1.023 |
| 9/6/2018 23:30 | 91800 | 70.117 | 17.245 | 157.946 | 41067.477 | 48207.676 | 31.613 | 32.781 | 24.35 | 1.023 |
| 9/6/2018 23:45 | 92700 | 70.118 | 17.245 | 157.948 | 41082.977 | 48225.961 | 31.626 | 32.794 | 24.341 | 1.023 |
| 9/7/2018 0:00 | 93600 | 70.108 | 17.244 | 157.924 | 41060.453 | 48200.938 | 31.608 | 32.777 | 24.354 | 1.023 |
| 9/7/2018 0:15 | 94500 | 70.101 | 17.245 | 157.91 | 41112.719 | 48261.531 | 31.652 | 32.818 | 24.323 | 1.023 |
| 9/7/2018 0:30 | 95400 | 70.093 | 17.242 | 157.892 | 41058.477 | 48201.254 | 31.608 | 32.777 | 24.356 | 1.023 |
| 9/7/2018 0:45 | 96300 | 70.083 | 17.254 | 157.869 | 41095.895 | 48231.578 | 31.631 | 32.797 | 24.333 | 1.023 |
| 9/7/2018 1:00 | 97200 | 70.086 | 17.25 | 157.876 | 41077.867 | 48215.242 | 31.619 | 32.786 | 24.344 | 1.023 |
| 9/7/2018 1:15 | 98100 | 70.062 | 17.252 | 157.822 | 41075.5 | 48210.188 | 31.615 | 32.783 | 24.345 | 1.023 |
| 9/7/2018 1:30 | 99000 | 70.058 | 17.243 | 157.813 | 41090.949 | 48237.488 | 31.635 | 32.801 | 24.336 | 1.023 |
| 9/7/2018 1:45 | 99900 | 70.048 | 17.249 | 157.79 | 41079.32 | 48218.92 | 31.621 | 32.788 | 24.343 | 1.023 |
| 9/7/2018 2:00 | 100800 | 70.034 | 17.25 | 157.758 | 41113.668 | 48257.168 | 31.649 | 32.815 | 24.323 | 1.023 |
| 9/7/2018 2:15 | 101700 | 70.015 | 17.246 | 157.716 | 41108.109 | 48254.324 | 31.647 | 32.813 | 24.326 | 1.023 |
| 9/7/2018 2:30 | 102600 | 70.008 | 17.241 | 157.701 | 41113.234 | 48265.73 | 31.655 | 32.821 | 24.323 | 1.023 |
| 9/7/2018 2:45 | 103500 | 69.998 | 17.243 | 157.676 | 41066.516 | 48208.613 | 31.613 | 32.782 | 24.351 | 1.023 |
| 9/7/2018 3:00 | 104400 | 69.989 | 17.242 | 157.658 | 41073.824 | 48219.176 | 31.621 | 32.789 | 24.346 | 1.023 |
| 9/7/2018 3:15 | 105300 | 69.983 | 17.244 | 157.645 | 41066.605 | 48212.777 | 31.616 | 32.785 | 24.351 | 1.023 |
| 9/7/2018 3:30 | 106200 | 69.98 | 17.239 | 157.637 | 41098.301 | 48250.285 | 31.644 | 32.81 | 24.332 | 1.023 |
| 9/7/2018 3:45 | 107100 | 69.959 | 17.245 | 157.59 | 41104.281 | 48251.82 | 31.645 | 32.811 | 24.328 | 1.023 |
| 9/7/2018 4:00 | 108000 | 69.952 | 17.246 | 157.573 | 41095.191 | 48239.918 | 31.636 | 32.803 | 24.334 | 1.023 |
| 9/7/2018 4:15 | 108900 | 69.943 | 17.247 | 157.553 | 41099.945 | 48244.359 | 31.64 | 32.806 | 24.331 | 1.023 |
| 9/7/2018 4:30 | 109800 | 69.924 | 17.242 | 157.512 | 41032.313 | 48170.539 | 31.585 | 32.756 | 24.371 | 1.023 |
| 9/7/2018 4:45 | 110700 | 69.933 | 17.247 | 157.531 | 41120.254 | 48268.117 | 31.657 | 32.822 | 24.319 | 1.023 |
| 9/7/2018 5:00 | 111600 | 69.922 | 17.247 | 157.507 | 41056.773 | 48193.875 | 31.603 | 32.772 | 24.357 | 1.023 |
| 9/7/2018 5:15 | 112500 | 69.941 | 17.247 | 157.548 | 41131.293 | 48281.156 | 31.667 | 32.831 | 24.312 | 1.023 |
| 9/7/2018 5:30 | 113400 | 69.916 | 17.248 | 157.493 | 41087.449 | 48228.473 | 31.628 | 32.795 | 24.338 | 1.023 |
| 9/7/2018 5:45 | 114300 | 69.912 | 17.244 | 157.484 | 41091.023 | 48236.926 | 31.634 | 32.801 | 24.336 | 1.023 |
| 9/7/2018 6:00 | 115200 | 69.902 | 17.246 | 157.462 | 41121.605 | 48270.926 | 31.659 | 32.824 | 24.318 | 1.023 |
| 9/7/2018 6:15 | 116100 | 69.904 | 17.243 | 157.467 | 41069.313 | 48212.66 | 31.616 | 32.785 | 24.349 | 1.023 |
| 9/7/2018 6:30 | 117000 | 69.9 | 17.254 | 157.457 | 41122.664 | 48262.805 | 31.654 | 32.819 | 24.317 | 1.023 |
| 9/7/2018 6:45 | 117900 | 69.9 | 17.243 | 157.457 | 41069.547 | 48212.742 | 31.616 | 32.785 | 24.349 | 1.023 |
| 9/7/2018 7:00 | 118800 | 69.904 | 17.245 | 157.467 | 41070.438 | 48211.34 | 31.615 | 32.784 | 24.348 | 1.023 |
| 9/7/2018 7:15 | 119700 | 69.915 | 17.248 | 157.491 | 41091.508 | 48233.047 | 31.632 | 32.798 | 24.336 | 1.023 |
| 9/7/2018 7:30 | 120600 | 69.91 | 17.245 | 157.479 | 41124.332 | 48274.508 | 31.662 | 32.827 | 24.317 | 1.023 |
| 9/7/2018 7:45 | 121500 | 69.923 | 17.245 | 157.507 | 41095.715 | 48241.199 | 31.637 | 32.804 | 24.333 | 1.023 |
| 9/7/2018 8:00 | 122400 | 69.933 | 17.247 | 157.531 | 41115.672 | 48262.25 | 31.653 | 32.818 | 24.322 | 1.023 |
| 9/7/2018 8:15 | 123300 | 69.929 | 17.244 | 157.521 | 41084.758 | 48229.09 | 31.628 | 32.796 | 24.34 | 1.023 |
| 9/7/2018 8:30 | 124200 | 69.931 | 17.25 | 157.526 | 41069.441 | 48204.879 | 31.611 | 32.779 | 24.349 | 1.023 |
| 9/7/2018 8:45 | 125100 | 69.942 | 17.24 | 157.55 | 41118.445 | 48272.891 | 31.66 | 32.826 | 24.32 | 1.023 |
| 9/7/2018 9:00 | 126000 | 69.952 | 17.244 | 157.573 | 41131.125 | 48283.711 | 31.668 | 32.833 | 24.312 | 1.023 |
| 9/7/2018 9:15 | 126900 | 69.958 | 17.237 | 157.5 | | | | | | |

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|----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/8/2018 7:30 | 207000 | 69.944 | 17.244 | 157.555 | 41097.797 | 48245.148 | 31.64 | 32.807 | 24.332 | 1.023 |
| 9/8/2018 7:45 | 207900 | 69.941 | 17.247 | 157.548 | 41080.789 | 48221.984 | 31.623 | 32.791 | 24.342 | 1.023 |
| 9/8/2018 8:00 | 208800 | 69.937 | 17.252 | 157.539 | 41097.727 | 48235.629 | 31.634 | 32.8 | 24.332 | 1.023 |
| 9/8/2018 8:15 | 209700 | 69.939 | 17.242 | 157.544 | 41070.281 | 48214.742 | 31.618 | 32.786 | 24.349 | 1.023 |
| 9/8/2018 8:30 | 210600 | 69.954 | 17.245 | 157.577 | 41078.863 | 48221.418 | 31.623 | 32.791 | 24.343 | 1.023 |
| 9/8/2018 8:45 | 211500 | 69.956 | 17.243 | 157.582 | 41079.215 | 48224.224 | 31.625 | 32.792 | 24.343 | 1.023 |
| 9/8/2018 9:00 | 212400 | 69.961 | 17.25 | 157.594 | 41108.523 | 48250.848 | 31.645 | 32.811 | 24.326 | 1.023 |
| 9/8/2018 9:15 | 213300 | 69.982 | 17.247 | 157.641 | 41067.141 | 48206.043 | 31.612 | 32.78 | 24.35 | 1.023 |
| 9/8/2018 9:30 | 214200 | 69.973 | 17.247 | 157.621 | 41075.691 | 48215.512 | 31.619 | 32.787 | 24.345 | 1.023 |
| 9/8/2018 9:45 | 215100 | 69.982 | 17.246 | 157.642 | 41138.219 | 48290.047 | 31.673 | 32.837 | 24.308 | 1.023 |
| 9/8/2018 10:00 | 216000 | 70.001 | 17.245 | 157.684 | 41067.965 | 48209.098 | 31.614 | 32.782 | 24.35 | 1.023 |
| 9/8/2018 10:15 | 216900 | 69.993 | 17.247 | 157.667 | 41105.613 | 48251.203 | 31.645 | 32.811 | 24.328 | 1.023 |
| 9/8/2018 10:30 | 217800 | 70.016 | 17.245 | 157.717 | 41096.723 | 48242.566 | 31.638 | 32.805 | 24.333 | 1.023 |
| 9/8/2018 10:45 | 218700 | 70.008 | 17.252 | 157.699 | 41105.836 | 48245.793 | 31.641 | 32.807 | 24.327 | 1.023 |
| 9/8/2018 11:00 | 219600 | 70.017 | 17.255 | 157.72 | 41074.453 | 48205.574 | 31.612 | 32.78 | 24.346 | 1.023 |
| 9/8/2018 11:15 | 220500 | 70.025 | 17.244 | 157.739 | 41113.629 | 48263.461 | 31.654 | 32.819 | 24.323 | 1.023 |
| 9/8/2018 11:30 | 221400 | 70.034 | 17.251 | 157.758 | 41142.465 | 48289.645 | 31.673 | 32.837 | 24.306 | 1.023 |
| 9/8/2018 11:45 | 222300 | 70.051 | 17.249 | 157.796 | 41088.918 | 48228.785 | 31.628 | 32.796 | 24.337 | 1.023 |
| 9/8/2018 12:00 | 223200 | 70.049 | 17.241 | 157.793 | 41085.672 | 48233.652 | 31.632 | 32.799 | 24.339 | 1.023 |
| 9/8/2018 12:15 | 224100 | 70.048 | 17.246 | 157.79 | 41071.773 | 48212.527 | 31.616 | 32.785 | 24.348 | 1.023 |
| 9/8/2018 12:30 | 225000 | 70.051 | 17.245 | 157.797 | 41092.359 | 48237.074 | 31.634 | 32.801 | 24.335 | 1.023 |
| 9/8/2018 12:45 | 225900 | 70.048 | 17.247 | 157.79 | 41097.414 | 48241.309 | 31.638 | 32.804 | 24.332 | 1.023 |
| 9/8/2018 13:00 | 226800 | 70.052 | 17.238 | 157.799 | 41088.578 | 48240.477 | 31.636 | 32.804 | 24.338 | 1.023 |
| 9/8/2018 13:15 | 227700 | 70.058 | 17.243 | 157.812 | 41070.754 | 48214.258 | 31.617 | 32.786 | 24.348 | 1.023 |
| 9/8/2018 13:30 | 228600 | 70.051 | 17.244 | 157.797 | 41123.074 | 48274.633 | 31.662 | 32.827 | 24.317 | 1.023 |
| 9/8/2018 13:45 | 229500 | 70.076 | 17.248 | 157.852 | 41111.875 | 48256.871 | 31.649 | 32.815 | 24.324 | 1.023 |
| 9/8/2018 14:00 | 230400 | 70.075 | 17.243 | 157.85 | 41076.016 | 48219.867 | 31.622 | 32.79 | 24.345 | 1.023 |
| 9/8/2018 14:15 | 231300 | 70.054 | 17.244 | 157.803 | 41092.809 | 48238.543 | 31.635 | 32.802 | 24.335 | 1.023 |
| 9/8/2018 14:30 | 232200 | 70.042 | 17.257 | 157.776 | 41099.184 | 48232.234 | 31.631 | 32.798 | 24.331 | 1.023 |
| 9/8/2018 14:45 | 233100 | 70.059 | 17.25 | 157.815 | 41096.129 | 48236.203 | 31.634 | 32.801 | 24.333 | 1.023 |
| 9/8/2018 15:00 | 234000 | 70.04 | 17.245 | 157.772 | 41043.664 | 48179.813 | 31.592 | 32.762 | 24.364 | 1.023 |
| 9/8/2018 15:15 | 234900 | 70.038 | 17.244 | 157.769 | 41089.352 | 48235.336 | 31.633 | 32.8 | 24.337 | 1.023 |
| 9/8/2018 15:30 | 235800 | 70.037 | 17.239 | 157.766 | 41182.441 | 48349.07 | 31.716 | 32.877 | 24.282 | 1.023 |
| 9/8/2018 15:45 | 236700 | 70.039 | 17.239 | 157.769 | 41073.883 | 48222.27 | 31.623 | 32.791 | 24.346 | 1.023 |
| 9/8/2018 16:00 | 237600 | 70.038 | 17.242 | 157.768 | 41053.281 | 48194.598 | 31.603 | 32.772 | 24.359 | 1.023 |
| 9/8/2018 16:15 | 238500 | 70.026 | 17.243 | 157.74 | 41106.844 | 48256.996 | 31.649 | 32.815 | 24.327 | 1.023 |
| 9/8/2018 16:30 | 239400 | 70.032 | 17.245 | 157.755 | 41078.93 | 48221.309 | 31.623 | 32.79 | 24.343 | 1.023 |
| 9/8/2018 16:45 | 240300 | 70.024 | 17.235 | 157.736 | 41128.449 | 48290.598 | 31.673 | 32.838 | 24.314 | 1.023 |
| 9/8/2018 17:00 | 241200 | 70.023 | 17.236 | 157.734 | 41085.242 | 48238.535 | 31.635 | 32.802 | 24.34 | 1.023 |
| 9/8/2018 17:15 | 242100 | 70.021 | 17.247 | 157.73 | 41126.598 | 48275.836 | 31.663 | 32.828 | 24.315 | 1.023 |
| 9/8/2018 17:30 | 243000 | 70.021 | 17.24 | 157.728 | 41126.348 | 48282.168 | 31.667 | 32.832 | 24.315 | 1.023 |
| 9/8/2018 17:45 | 243900 | 70.021 | 17.248 | 157.728 | 41142.371 | 48292.367 | 31.675 | 32.839 | 24.306 | 1.023 |
| 9/8/2018 18:00 | 244800 | 70.026 | 17.243 | 157.739 | 41096.676 | 48244.5 | 31.64 | 32.806 | 24.333 | 1.023 |
| 9/8/2018 18:15 | 245700 | 70.011 | 17.248 | 157.708 | 41087.891 | 48229.07 | 31.629 | 32.796 | 24.338 | 1.023 |
| 9/8/2018 18:30 | 246600 | 70.023 | 17.242 | 157.734 | 41126.004 | 48280.434 | 31.666 | 32.831 | 24.316 | 1.023 |
| 9/8/2018 18:45 | 247500 | 70.026 | 17.243 | 157.74 | 41069.75 | 48212.41 | 31.616 | 32.784 | 24.349 | 1.023 |
| 9/8/2018 19:00 | 248400 | 70.034 | 17.242 | 157.758 | 41114.613 | 48266.68 | 31.656 | 32.821 | 24.322 | 1.023 |
| 9/8/2018 19:15 | 249300 | 70.041 | 17.245 | 157.773 | 41130.289 | 48281.688 | 31.667 | 32.832 | 24.313 | 1.023 |
| 9/8/2018 19:30 | 250200 | 70.051 | 17.245 | 157.797 | 41114.113 | 48262.609 | 31.653 | 32.819 | 24.323 | 1.023 |
| 9/8/2018 19:45 | 251100 | 70.036 | 17.238 | 157.763 | 41069.125 | 48217.719 | 31.62 | 32.788 | 24.349 | 1.023 |
| 9/8/2018 20:00 | 252000 | 70.045 | 17.245 | 157.784 | 41131.684 | 48277.934 | 31.665 | 32.829 | 24.312 | 1.023 |
| 9/8/2018 20:15 | 252900 | 70.061 | 17.244 | 157.819 | 41137.629 | 48291.535 | 31.674 | 32.838 | 24.309 | 1.023 |
| 9/8/2018 20:30 | 253800 | 70.07 | 17.243 | 157.838 | 41097.098 | 48244.617 | 31.64 | 32.806 | 24.333 | 1.023 |
| 9/8/2018 20:45 | 254700 | 70.08 | 17.249 | 157.863 | 41066.734 | 48203.02 | 31.61 | 32.778 | 24.351 | 1.023 |
| 9/8/2018 21:00 | 255600 | 70.098 | 17.245 | 157.902 | 41095.844 | 48236.344 | 31.634 | 32.801 | 24.333 | 1.023 |
| 9/8/2018 21:15 | 256500 | 70.094 | 17.249 | 157.894 | 41118.27 | 48263.238 | 31.654 | 32.819 | 24.32 | 1.023 |
| 9/8/2018 21:30 | 257400 | 70.104 | 17.24 | 157.915 | 41087.004 | 48235.977 | 31.633 | 32.8 | 24.339 | 1.023 |
| 9/8/2018 21:45 | 258300 | 70.112 | 17.241 | 157.934 | 41129.215 | 48285.34 | 31.669 | 32.834 | 24.314 | 1.023 |
| 9/8/2018 22:00 | 259200 | 70.122 | 17.245 | 157.957 | 41082.07 | 48225.555 | 31.626 | 32.793 | 24.342 | 1.023 |
| 9/8/2018 22:15 | 260100 | 70.133 | 17.25 | 157.983 | 41095.613 | 48236.074 | 31.634 | 32.801 | 24.333 | 1.023 |
| 9/8/2018 22:30 | 261000 | 70.133 | 17.238 | 157.98 | 41083.309 | 48233.996 | 31.632 | 32.799 | 24.341 | 1.023 |
| 9/8/2018 22:45 | 261900 | 70.142 | 17.243 | 158.002 | 41105.316 | 48254.355 | 31.647 | 32.813 | 24.328 | 1.023 |
| 9/8/2018 23:00 | 262800 | 70.158 | 17.25 | 158.039 | 41097.039 | 48237.078 | 31.635 | 32.801 | 24.333 | 1.023 |
| 9/8/2018 23:15 | 263700 | 70.158 | 17.251 | 158.039 | 41080.902 | 48217.391 | 31.62 | 32.788 | 24.342 | 1.023 |
| 9/8/2018 23:30 | 264600 | 70.165 | 17.251 | 158.052 | 41099.113 | 48238.395 | 31.636 | 32.802 | 24.331 | 1.023 |
| 9/8/2018 23:45 | 265500 | 70.17 | 17.246 | 158.064 | 41080.395 | 48222.547 | 31.624 | 32.791 | 24.343 | 1.023 |
| 9/9/2018 0:00 | 266400 | 70.162 | 17.245 | 158.047 | 41048.145 | 48184.98 | 31.596 | 32.766 | 24.362 | 1.023 |
| 9/9/2018 0:15 | 267300 | 70.172 | 17.247 | 158.07 | 41097.688 | 48241.898 | 31.638 | 32.804 | 24.332 | 1.023 |
| 9/9/2018 0:30 | 268200 | 70.169 | 17.25 | 158.064 | 41102.059 | 48243.066 | 31.639 | 32.805 | 24.33 | 1.023 |
| 9/9/2018 0:45 | 269100 | 70.166 | 17.246 | 158.055 | 41116.055 | 48264.137 | 31.654 | 32.82 | 24.321 | 1.023 |
| 9/9/2018 1:00 | 270000 | 70.162 | 17.245 | 158.047 | 41120.484 | 48269.801 | 31.658 | 32.823 | 24.319 | 1.023 |
| 9/9/2018 1:15 | 270900 | 70.159 | 17.242 | 158.04 | 41099.363 | 48248.883 | 31.643 | 32.809 | 24.331 | 1.023 |
| 9/9/2018 1:30 | 271800 | 70.159 | 17.24 | 158.041 | 41118.762 | 48273.262 | 31.66 | 32.826 | 24.32 | 1.023 |
| 9/9/2018 1:45 | 272700 | 70.147 | 17.246 | 158.012 | 41085.227 | 48227.379 | 31.627 | 32.795 | 24.34 | 1.023 |
| 9/9/2018 2:00 | 273600 | 70.132 | 17.245 | 157.98 | 41131.754 | 48283.031 | 31.668 | 32.832 | 24.312 | 1.023 |
| 9/9/2018 2:15 | 274500 | 70.132 | 17.243 | 157.98 | 41134.082 | 48288.973 | 31.672 | 32.837 | 24.311 | 1.023 |
| 9/9/2018 2:30 | 275400 | 70.14 | 17.249 | 157.998 | 41092.043 | 48232.074 | 31.631 | 32.798 | 24.336 | 1.023 |
| 9/9/2018 2:45 | 276300 | 70.123 | 17.234 | 157.959 | 41104.816 | 48263.5 | 31.653 | 32.819 | 24.328 | 1.023 |
| 9/9/2018 3:00 | 277200 | 70.106 | 17.243 | 157.921 | 41096.219 | 48243.676 | 31.639 | 32.806 | 24.333 | 1.023 |
| 9/9/2018 3:15 | 278100 | 70.093 | 17.241 | 157.892 | 41026.449 | 48164.695 | 31.581 | 32.752 | 24.375 | 1.023 |
| 9/9/2018 3:30 | 279000 | 70.079 | 17.247 | 157.86 | 41078.727 | 48219.645 | 31.622 | 32.789 | 24.344 | 1.023 |
| 9/9/2018 3:45 | 279900 | 70.082 | 17.251 | 157.867 | 41083.789 | 48221.148 | 31.623 | 32.79 | 24.34 | 1.023 |
| 9/9/2018 4:00 | 280800 | 70.062 | 17.244 | 157.821 | 41090.797 | 48236.848 | 31.634 | 32.801 | 24.336 | 1.023 |
| 9/9/2018 4:15 | 281700 | 70.055 | 17.239 | 157.805 | 41110.566 | 48264.961 | 31.654 | 32.82 | 24.325 | 1.023 |
| 9/9/2018 4:30 | 282600 | 70.03 | 17.244 | 157.749 | 41079.469 | 48222.883 | 31.624 | 32.792 | 24.343 | 1.023 |
| 9/9/2018 4:45 | 283500 | 70.033 | 17.242 | 157.756 | 41100.027 | 48249.664 | 31.643 | 32.81 | 24.331 | 1.023 |
| 9/9/2018 5:00 | 284400 | 70.01 | 17.246 | 157.705 | 41069.473 | 48209.539 | 31.614 | 32.782 | 24.349 | 1.023 |
| 9/9/2018 5:15 | 285300 | 70.003 | 17.251 | 157.688 | 41107.332 | 48248.879 | 31.643 | 32.809 | 24.327 | 1.023 |
| 9/9/2018 5:30 | 286200 | 69.994 | 17.242 | 157.668 | 41122.949 | 48276.945 | 31.663 | 32.828 | 24.317 | 1.0 |

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|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/10/2018 4:00 | 367200 | 70.156 | 17.241 | 158.034 | 41098.281 | 48248.367 | 31.642 | 32.809 | 24.332 | 1.023 |
| 9/10/2018 4:15 | 368100 | 70.154 | 17.247 | 158.029 | 41159.578 | 48313.707 | 31.691 | 32.853 | 24.296 | 1.023 |
| 9/10/2018 4:30 | 369000 | 70.133 | 17.242 | 157.981 | 41101.512 | 48251.688 | 31.645 | 32.811 | 24.33 | 1.023 |
| 9/10/2018 4:45 | 369900 | 70.122 | 17.236 | 157.957 | 41088.664 | 48242.465 | 31.638 | 32.805 | 24.338 | 1.023 |
| 9/10/2018 5:00 | 370800 | 70.102 | 17.243 | 157.912 | 41088.414 | 48234.703 | 31.632 | 32.8 | 24.338 | 1.023 |
| 9/10/2018 5:15 | 371700 | 70.093 | 17.245 | 157.892 | 41099.039 | 48244.629 | 31.64 | 32.806 | 24.331 | 1.023 |
| 9/10/2018 5:30 | 372600 | 70.083 | 17.243 | 157.869 | 41084.355 | 48229.66 | 31.629 | 32.796 | 24.34 | 1.023 |
| 9/10/2018 5:45 | 373500 | 70.081 | 17.247 | 157.864 | 41088.379 | 48230.973 | 31.63 | 32.797 | 24.338 | 1.023 |
| 9/10/2018 6:00 | 374400 | 70.073 | 17.238 | 157.845 | 41098.887 | 48252.289 | 31.645 | 32.812 | 24.332 | 1.023 |
| 9/10/2018 6:15 | 375300 | 70.058 | 17.232 | 157.813 | 41118.605 | 48282.625 | 31.667 | 32.832 | 24.32 | 1.023 |
| 9/10/2018 6:30 | 376200 | 70.057 | 17.25 | 157.811 | 41143.355 | 48291.539 | 31.674 | 32.838 | 24.305 | 1.023 |
| 9/10/2018 6:45 | 377100 | 70.048 | 17.238 | 157.79 | 41085.543 | 48236.805 | 31.634 | 32.801 | 24.339 | 1.023 |
| 9/10/2018 7:00 | 378000 | 70.043 | 17.243 | 157.779 | 41107.871 | 48257.262 | 31.649 | 32.815 | 24.326 | 1.023 |
| 9/10/2018 7:15 | 378900 | 70.046 | 17.243 | 157.784 | 41090.742 | 48237.156 | 31.634 | 32.801 | 24.336 | 1.023 |
| 9/10/2018 7:30 | 379800 | 70.043 | 17.245 | 157.779 | 41097.914 | 48222.273 | 31.624 | 32.791 | 24.343 | 1.023 |
| 9/10/2018 7:45 | 380700 | 70.025 | 17.252 | 157.739 | 41089.176 | 48225.781 | 31.626 | 32.794 | 24.337 | 1.023 |
| 9/10/2018 8:00 | 381600 | 70.038 | 17.246 | 157.768 | 41112.617 | 48260.473 | 31.651 | 32.817 | 24.323 | 1.023 |
| 9/10/2018 8:15 | 382500 | 70.034 | 17.244 | 157.758 | 41126.5 | 48278.094 | 31.664 | 32.829 | 24.315 | 1.023 |
| 9/10/2018 8:30 | 383400 | 70.033 | 17.246 | 157.756 | 41111.363 | 48258.711 | 31.65 | 32.816 | 24.324 | 1.023 |
| 9/10/2018 8:45 | 384300 | 70.041 | 17.247 | 157.774 | 41106.641 | 48252.031 | 31.645 | 32.811 | 24.327 | 1.023 |
| 9/10/2018 9:00 | 385200 | 70.043 | 17.246 | 157.779 | 41079.395 | 48221.375 | 31.623 | 32.791 | 24.343 | 1.023 |
| 9/10/2018 9:15 | 386100 | 70.047 | 17.247 | 157.787 | 41062.91 | 48200.043 | 31.607 | 32.776 | 24.353 | 1.023 |
| 9/10/2018 9:30 | 387000 | 70.048 | 17.249 | 157.79 | 41083.137 | 48222.57 | 31.624 | 32.791 | 24.341 | 1.023 |
| 9/10/2018 9:45 | 387900 | 70.069 | 17.25 | 157.838 | 41098.305 | 48238.855 | 31.636 | 32.802 | 24.332 | 1.023 |
| 9/10/2018 10:00 | 388800 | 70.056 | 17.238 | 157.808 | 41072.441 | 48221.988 | 31.623 | 32.791 | 24.347 | 1.023 |
| 9/10/2018 10:15 | 389700 | 70.055 | 17.239 | 157.805 | 41085.031 | 48234.793 | 31.632 | 32.8 | 24.34 | 1.023 |
| 9/10/2018 10:30 | 390600 | 70.081 | 17.249 | 157.864 | 41115.77 | 48259.926 | 31.651 | 32.817 | 24.322 | 1.023 |
| 9/10/2018 10:45 | 391500 | 70.078 | 17.252 | 157.858 | 41096.762 | 48235.063 | 31.633 | 32.8 | 24.333 | 1.023 |
| 9/10/2018 11:00 | 392400 | 70.084 | 17.243 | 157.872 | 41130.254 | 48283.629 | 31.668 | 32.833 | 24.313 | 1.023 |
| 9/10/2018 11:15 | 393300 | 70.097 | 17.236 | 157.9 | 41123.25 | 48282.785 | 31.667 | 32.832 | 24.317 | 1.023 |
| 9/10/2018 11:30 | 394200 | 70.109 | 17.236 | 157.927 | 41099.109 | 48255.48 | 31.647 | 32.814 | 24.331 | 1.023 |
| 9/10/2018 11:45 | 395100 | 70.117 | 17.243 | 157.946 | 41080.137 | 48225.273 | 31.626 | 32.793 | 24.343 | 1.023 |
| 9/10/2018 12:00 | 396000 | 70.135 | 17.246 | 157.986 | 41077.031 | 48218.699 | 31.621 | 32.789 | 24.345 | 1.023 |
| 9/10/2018 12:15 | 396900 | 70.155 | 17.239 | 158.031 | 41096.586 | 48249.031 | 31.643 | 32.809 | 24.333 | 1.023 |
| 9/10/2018 12:30 | 397800 | 70.15 | 17.233 | 158.019 | 41057.789 | 48209.801 | 31.614 | 32.783 | 24.356 | 1.023 |
| 9/10/2018 12:45 | 398700 | 70.15 | 17.249 | 158.021 | 41076.66 | 48214.402 | 31.618 | 32.786 | 24.345 | 1.023 |
| 9/10/2018 13:00 | 399600 | 70.159 | 17.252 | 158.04 | 41067.457 | 48199.992 | 31.608 | 32.776 | 24.35 | 1.023 |
| 9/10/2018 13:15 | 400500 | 70.159 | 17.24 | 158.04 | 41075.598 | 48222.871 | 31.624 | 32.792 | 24.345 | 1.023 |
| 9/10/2018 13:30 | 401400 | 70.166 | 17.244 | 158.055 | 41120.391 | 48271.109 | 31.659 | 32.824 | 24.319 | 1.023 |
| 9/10/2018 13:45 | 402300 | 70.181 | 17.239 | 158.089 | 41072.07 | 48219.492 | 31.621 | 32.789 | 24.347 | 1.023 |
| 9/10/2018 14:00 | 403200 | 70.177 | 17.241 | 158.08 | 41078.211 | 48224.895 | 31.625 | 32.793 | 24.344 | 1.023 |
| 9/10/2018 14:15 | 404100 | 70.195 | 17.242 | 158.12 | 41093.418 | 48241.715 | 31.638 | 32.804 | 24.335 | 1.023 |
| 9/10/2018 14:30 | 405000 | 70.181 | 17.248 | 158.089 | 41128.578 | 48276.477 | 31.663 | 32.828 | 24.314 | 1.023 |
| 9/10/2018 14:45 | 405900 | 70.182 | 17.25 | 158.091 | 41064.273 | 48199.289 | 31.607 | 32.776 | 24.352 | 1.023 |
| 9/10/2018 15:00 | 406800 | 70.178 | 17.24 | 158.082 | 41081.25 | 48229.781 | 31.629 | 32.796 | 24.342 | 1.023 |
| 9/10/2018 15:15 | 407700 | 70.17 | 17.243 | 158.064 | 41075.477 | 48219.133 | 31.621 | 32.789 | 24.345 | 1.023 |
| 9/10/2018 15:30 | 408600 | 70.169 | 17.249 | 158.063 | 41094.867 | 48235.77 | 31.634 | 32.8 | 24.334 | 1.023 |
| 9/10/2018 15:45 | 409500 | 70.177 | 17.245 | 158.081 | 41056.887 | 48195.336 | 31.604 | 32.773 | 24.356 | 1.023 |
| 9/10/2018 16:00 | 410400 | 70.159 | 17.247 | 158.04 | 41080.656 | 48221.531 | 31.623 | 32.791 | 24.342 | 1.023 |
| 9/10/2018 16:15 | 411300 | 70.158 | 17.238 | 158.038 | 41088.629 | 48240.914 | 31.637 | 32.804 | 24.338 | 1.023 |
| 9/10/2018 16:30 | 412200 | 70.162 | 17.246 | 158.047 | 41158.688 | 48313.613 | 31.69 | 32.853 | 24.296 | 1.023 |
| 9/10/2018 16:45 | 413100 | 70.141 | 17.245 | 158.001 | 41123.953 | 48274.629 | 31.662 | 32.827 | 24.317 | 1.023 |
| 9/10/2018 17:00 | 414000 | 70.138 | 17.237 | 157.993 | 41066.801 | 48216.316 | 31.619 | 32.787 | 24.351 | 1.023 |
| 9/10/2018 17:15 | 414900 | 70.14 | 17.248 | 157.997 | 41152.988 | 48305.402 | 31.684 | 32.848 | 24.3 | 1.023 |
| 9/10/2018 17:30 | 415800 | 70.134 | 17.25 | 157.984 | 41128.461 | 48274.531 | 31.662 | 32.827 | 24.314 | 1.023 |
| 9/10/2018 17:45 | 416700 | 70.138 | 17.248 | 157.992 | 41107.992 | 48252.313 | 31.646 | 32.812 | 24.326 | 1.023 |
| 9/10/2018 18:00 | 417600 | 70.123 | 17.244 | 157.959 | 41139.938 | 48294.426 | 31.676 | 32.84 | 24.307 | 1.023 |
| 9/10/2018 18:15 | 418500 | 70.119 | 17.247 | 157.95 | 41085.715 | 48227.469 | 31.627 | 32.795 | 24.339 | 1.023 |
| 9/10/2018 18:30 | 419400 | 70.112 | 17.241 | 157.952 | 41109.238 | 48260.941 | 31.652 | 32.817 | 24.325 | 1.023 |
| 9/10/2018 18:45 | 420300 | 70.107 | 17.245 | 157.924 | 41100.859 | 48247.238 | 31.642 | 32.808 | 24.33 | 1.023 |
| 9/10/2018 19:00 | 421200 | 70.105 | 17.242 | 157.918 | 41058 | 48200.324 | 31.607 | 32.776 | 24.356 | 1.023 |
| 9/10/2018 19:15 | 422100 | 70.106 | 17.253 | 157.921 | 41102.574 | 48240.469 | 31.637 | 32.804 | 24.329 | 1.023 |
| 9/10/2018 19:30 | 423000 | 70.098 | 17.244 | 157.903 | 41126.355 | 48278.02 | 31.664 | 32.829 | 24.315 | 1.023 |
| 9/10/2018 19:45 | 423900 | 70.101 | 17.245 | 157.909 | 41112.371 | 48260.563 | 31.652 | 32.817 | 24.324 | 1.023 |
| 9/10/2018 20:00 | 424800 | 70.107 | 17.243 | 157.924 | 41069.367 | 48212.254 | 31.616 | 32.784 | 24.349 | 1.023 |
| 9/10/2018 20:15 | 425700 | 70.098 | 17.242 | 157.903 | 41129.117 | 48283.996 | 31.668 | 32.833 | 24.314 | 1.023 |
| 9/10/2018 20:30 | 426600 | 70.129 | 17.25 | 157.973 | 41116.023 | 48259.555 | 31.651 | 32.816 | 24.321 | 1.023 |
| 9/10/2018 20:45 | 427500 | 70.12 | 17.24 | 157.952 | 41070.281 | 48216.824 | 31.619 | 32.787 | 24.349 | 1.023 |
| 9/10/2018 21:00 | 428400 | 70.106 | 17.242 | 157.921 | 41100.125 | 48249.863 | 31.643 | 32.81 | 24.331 | 1.023 |
| 9/10/2018 21:15 | 429300 | 70.107 | 17.231 | 157.924 | 41109.438 | 48272.141 | 31.659 | 32.825 | 24.325 | 1.023 |
| 9/10/2018 21:30 | 430200 | 70.13 | 17.235 | 157.976 | 41109.961 | 48268.512 | 31.657 | 32.823 | 24.325 | 1.023 |
| 9/10/2018 21:45 | 431100 | 70.131 | 17.235 | 157.977 | 41088.531 | 48227.852 | 31.628 | 32.795 | 24.338 | 1.023 |
| 9/10/2018 22:00 | 432000 | 70.133 | 17.236 | 157.98 | 41115.406 | 48274.434 | 31.663 | 32.827 | 24.322 | 1.023 |
| 9/10/2018 22:15 | 432900 | 70.136 | 17.234 | 157.988 | 41151.004 | 48317.734 | 31.693 | 32.856 | 24.301 | 1.023 |
| 9/10/2018 22:30 | 433800 | 70.154 | 17.241 | 158.028 | 41148.996 | 48308.563 | 31.686 | 32.85 | 24.302 | 1.023 |
| 9/10/2018 22:45 | 434700 | 70.164 | 17.242 | 158.052 | 41130.625 | 48285.395 | 31.669 | 32.834 | 24.313 | 1.023 |
| 9/10/2018 23:00 | 435600 | 70.176 | 17.247 | 158.078 | 41102.211 | 48247.211 | 31.642 | 32.808 | 24.33 | 1.023 |
| 9/10/2018 23:15 | 436500 | 70.184 | 17.249 | 158.097 | 41092.074 | 48233.141 | 31.632 | 32.799 | 24.336 | 1.023 |
| 9/10/2018 23:30 | 437400 | 70.183 | 17.246 | 158.094 | 41129.52 | 48279.563 | 31.665 | 32.83 | 24.313 | 1.023 |
| 9/10/2018 23:45 | 438300 | 70.196 | 17.247 | 158.122 | 41110.609 | 48256.691 | 31.649 | 32.815 | 24.325 | 1.023 |
| 9/11/2018 0:00 | 439200 | 70.197 | 17.251 | 158.126 | 41073.25 | 48208.035 | 31.613 | 32.781 | 24.347 | 1.023 |
| 9/11/2018 0:15 | 440100 | 70.216 | 17.247 | 158.169 | 41100.871 | 48245.07 | 31.64 | 32.807 | 24.33 | 1.023 |
| 9/11/2018 0:30 | 441000 | 70.214 | 17.248 | 158.163 | 41115.422 | 48260.926 | 31.652 | 32.817 | 24.322 | 1.023 |
| 9/11/2018 0:45 | 441900 | 70.219 | 17.247 | 158.174 | 41079.117 | 48219.449 | 31.622 | 32.789 | 24.343 | 1.023 |
| 9/11/2018 1:00 | 442800 | 70.223 | 17.24 | 158.183 | 41109.66 | 48262.953 | 31.653 | 32.819 | 24.325 | 1.023 |
| 9/11/2018 1:15 | 443700 | 70.242 | 17.242 | 158.227 | 41120.66 | 48273.695 | 31.661 | 32.826 | 24.319 | 1.023 |
| 9/11/2018 1:30 | 444600 | 70.241 | 17.245 | 158.225 | 41145.574 | 48299.539 | 31.68 | 32.844 | 24.304 | 1.023 |
| 9/11/2018 1:45 | 445500 | 70.234 | 17.251 | 158.21 | 41106.34 | 48247.527 | 31.642 | 32.808 | 24.327 | 1.023 |
| 9/11/2018 2:00 | 446400 | 70.241 | 17. | | | | | | | |

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|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/12/2018 0:30 | 527400 | 70.183 | 17.24 | 158.095 | 41073.648 | 48220.395 | 31.622 | 32.79 | 24.347 | 1.023 |
| 9/12/2018 0:45 | 528300 | 70.196 | 17.247 | 158.122 | 41063.676 | 48200.945 | 31.608 | 32.777 | 24.352 | 1.023 |
| 9/12/2018 1:00 | 529200 | 70.222 | 17.245 | 158.181 | 41063.438 | 48203.215 | 31.61 | 32.778 | 24.353 | 1.023 |
| 9/12/2018 1:15 | 530100 | 70.202 | 17.246 | 158.136 | 41029.398 | 48162.688 | 31.58 | 32.751 | 24.373 | 1.023 |
| 9/12/2018 1:30 | 531000 | 70.208 | 17.248 | 158.15 | 41083.402 | 48223.91 | 31.625 | 32.792 | 24.341 | 1.023 |
| 9/12/2018 1:45 | 531900 | 70.221 | 17.243 | 158.181 | 41075.527 | 48219.957 | 31.622 | 32.79 | 24.345 | 1.023 |
| 9/12/2018 2:00 | 532800 | 70.22 | 17.244 | 158.178 | 41063.742 | 48205.27 | 31.611 | 32.78 | 24.352 | 1.023 |
| 9/12/2018 2:15 | 533700 | 70.225 | 17.249 | 158.189 | 41079.695 | 48218.148 | 31.621 | 32.788 | 24.343 | 1.023 |
| 9/12/2018 2:30 | 534600 | 70.222 | 17.243 | 158.181 | 41055.699 | 48195.918 | 31.604 | 32.773 | 24.357 | 1.023 |
| 9/12/2018 2:45 | 535500 | 70.219 | 17.239 | 158.176 | 41074.156 | 48222.785 | 31.623 | 32.791 | 24.346 | 1.023 |
| 9/12/2018 3:00 | 536400 | 70.219 | 17.242 | 158.174 | 41098.84 | 48247.891 | 31.642 | 32.809 | 24.332 | 1.023 |
| 9/12/2018 3:15 | 537300 | 70.231 | 17.239 | 158.201 | 41085.695 | 48236.332 | 31.633 | 32.801 | 24.339 | 1.023 |
| 9/12/2018 3:30 | 538200 | 70.215 | 17.249 | 158.167 | 41103.348 | 48245.723 | 31.641 | 32.807 | 24.329 | 1.023 |
| 9/12/2018 3:45 | 539100 | 70.219 | 17.238 | 158.174 | 41067.434 | 48215.27 | 31.618 | 32.786 | 24.35 | 1.023 |
| 9/12/2018 4:00 | 540000 | 70.214 | 17.248 | 158.165 | 41059.852 | 48195.613 | 31.604 | 32.773 | 24.355 | 1.023 |
| 9/12/2018 4:15 | 540900 | 70.215 | 17.244 | 158.167 | 41059.09 | 48199.148 | 31.607 | 32.775 | 24.355 | 1.023 |
| 9/12/2018 4:30 | 541800 | 70.211 | 17.245 | 158.157 | 41085.238 | 48233.902 | 31.632 | 32.799 | 24.34 | 1.023 |
| 9/12/2018 4:45 | 542700 | 70.209 | 17.245 | 158.152 | 41083.012 | 48226.473 | 31.627 | 32.794 | 24.341 | 1.023 |
| 9/12/2018 5:00 | 543600 | 70.19 | 17.253 | 158.111 | 41080.031 | 48213.816 | 31.618 | 32.785 | 24.343 | 1.023 |
| 9/12/2018 5:15 | 544500 | 70.189 | 17.247 | 158.109 | 41118.707 | 48266.305 | 31.656 | 32.821 | 24.32 | 1.023 |
| 9/12/2018 5:30 | 545400 | 70.185 | 17.241 | 158.099 | 41073.414 | 48219.453 | 31.621 | 32.789 | 24.347 | 1.023 |
| 9/12/2018 5:45 | 546300 | 70.188 | 17.243 | 158.106 | 41022.863 | 48157.473 | 31.576 | 32.747 | 24.377 | 1.023 |
| 9/12/2018 6:00 | 547200 | 70.172 | 17.247 | 158.068 | 41101.09 | 48245.895 | 31.641 | 32.807 | 24.33 | 1.023 |
| 9/12/2018 6:15 | 548100 | 70.168 | 17.241 | 158.06 | 41108.07 | 48260.328 | 31.651 | 32.817 | 24.326 | 1.023 |
| 9/12/2018 6:30 | 549000 | 70.157 | 17.245 | 158.035 | 41077.273 | 48219.555 | 31.621 | 32.789 | 24.344 | 1.023 |
| 9/12/2018 6:45 | 549900 | 70.149 | 17.239 | 158.017 | 41048.535 | 48192.242 | 31.601 | 32.771 | 24.361 | 1.023 |
| 9/12/2018 7:00 | 550800 | 70.138 | 17.247 | 157.992 | 41093.895 | 48236.797 | 31.634 | 32.801 | 24.335 | 1.023 |
| 9/12/2018 7:15 | 551700 | 70.13 | 17.241 | 157.974 | 41129.73 | 48285.188 | 31.669 | 32.834 | 24.313 | 1.023 |
| 9/12/2018 7:30 | 552600 | 70.123 | 17.25 | 157.96 | 41066.68 | 48201.922 | 31.609 | 32.777 | 24.351 | 1.023 |
| 9/12/2018 7:45 | 553500 | 70.103 | 17.245 | 157.913 | 41042.551 | 48178.605 | 31.592 | 32.761 | 24.365 | 1.023 |
| 9/12/2018 8:00 | 554400 | 70.128 | 17.246 | 157.97 | 41077.387 | 48218.367 | 31.621 | 32.788 | 24.344 | 1.023 |
| 9/12/2018 8:15 | 555300 | 70.116 | 17.245 | 157.944 | 41116.48 | 48265.289 | 31.655 | 32.82 | 24.321 | 1.023 |
| 9/12/2018 8:30 | 556200 | 70.101 | 17.245 | 157.91 | 41123.402 | 48273.887 | 31.661 | 32.826 | 24.317 | 1.023 |
| 9/12/2018 8:45 | 557100 | 70.107 | 17.243 | 157.924 | 41091.461 | 48238.566 | 31.635 | 32.802 | 24.336 | 1.023 |
| 9/12/2018 9:00 | 558000 | 70.091 | 17.249 | 157.887 | 41097.383 | 48238.91 | 31.636 | 32.802 | 24.332 | 1.023 |
| 9/12/2018 9:15 | 558900 | 70.096 | 17.247 | 157.898 | 41077.063 | 48217.313 | 31.62 | 32.788 | 24.344 | 1.023 |
| 9/12/2018 9:30 | 559800 | 70.097 | 17.249 | 157.9 | 41082.801 | 48221.793 | 31.623 | 32.791 | 24.341 | 1.023 |
| 9/12/2018 9:45 | 560700 | 70.108 | 17.242 | 157.924 | 41130.926 | 48286.02 | 31.67 | 32.834 | 24.313 | 1.023 |
| 9/12/2018 10:00 | 561600 | 70.099 | 17.249 | 157.905 | 41109.887 | 48254.047 | 31.647 | 32.813 | 24.325 | 1.023 |
| 9/12/2018 10:15 | 562500 | 70.104 | 17.247 | 157.915 | 41117.102 | 48263.656 | 31.654 | 32.819 | 24.321 | 1.023 |
| 9/12/2018 10:30 | 563400 | 70.106 | 17.243 | 157.92 | 41100.789 | 48249.418 | 31.643 | 32.81 | 24.33 | 1.023 |
| 9/12/2018 10:45 | 564300 | 70.108 | 17.241 | 157.926 | 41115.48 | 48269.215 | 31.658 | 32.823 | 24.322 | 1.023 |
| 9/12/2018 11:00 | 565200 | 70.119 | 17.245 | 157.95 | 41103.113 | 48249.695 | 31.644 | 32.81 | 24.329 | 1.023 |
| 9/12/2018 11:15 | 566100 | 70.119 | 17.238 | 157.95 | 41039.309 | 48182.25 | 31.594 | 32.764 | 24.367 | 1.023 |
| 9/12/2018 11:30 | 567000 | 70.141 | 17.241 | 158 | 41117.219 | 48270.741 | 31.658 | 32.824 | 24.321 | 1.023 |
| 9/12/2018 11:45 | 567900 | 70.141 | 17.24 | 158 | 41085.09 | 48233.641 | 31.632 | 32.799 | 24.34 | 1.023 |
| 9/12/2018 12:00 | 568800 | 70.148 | 17.248 | 158.016 | 41097.145 | 48239.754 | 31.636 | 32.803 | 24.333 | 1.023 |
| 9/12/2018 12:15 | 569700 | 70.165 | 17.25 | 158.053 | 41116.551 | 48260.551 | 31.652 | 32.817 | 24.321 | 1.023 |
| 9/12/2018 12:30 | 570600 | 70.158 | 17.242 | 158.039 | 41065.605 | 48208.957 | 31.614 | 32.782 | 24.351 | 1.023 |
| 9/12/2018 12:45 | 571500 | 70.166 | 17.242 | 158.055 | 41078.902 | 48225.047 | 31.625 | 32.793 | 24.343 | 1.023 |
| 9/12/2018 13:00 | 572400 | 70.184 | 17.24 | 158.097 | 41114.219 | 48268.676 | 31.657 | 32.823 | 24.322 | 1.023 |
| 9/12/2018 13:15 | 573300 | 70.184 | 17.248 | 158.096 | 41095.121 | 48237.664 | 31.635 | 32.802 | 24.334 | 1.023 |
| 9/12/2018 13:30 | 574200 | 70.193 | 17.245 | 158.117 | 41114.707 | 48263.398 | 31.654 | 32.819 | 24.322 | 1.023 |
| 9/12/2018 13:45 | 575100 | 70.197 | 17.246 | 158.126 | 41075.246 | 48215.855 | 31.619 | 32.787 | 24.346 | 1.023 |
| 9/12/2018 14:00 | 576000 | 70.216 | 17.24 | 158.168 | 41098.715 | 48250.477 | 31.644 | 32.81 | 24.332 | 1.023 |
| 9/12/2018 14:15 | 576900 | 70.206 | 17.242 | 158.146 | 41090.102 | 48237.715 | 31.635 | 32.802 | 24.337 | 1.023 |
| 9/12/2018 14:30 | 577800 | 70.219 | 17.242 | 158.176 | 41047.031 | 48187.258 | 31.598 | 32.767 | 24.362 | 1.023 |
| 9/12/2018 14:45 | 578700 | 70.238 | 17.257 | 158.219 | 41060.633 | 48187.461 | 31.599 | 32.767 | 24.354 | 1.023 |
| 9/12/2018 15:00 | 579600 | 70.217 | 17.239 | 158.171 | 41101.922 | 48254.918 | 31.647 | 32.813 | 24.33 | 1.023 |
| 9/12/2018 15:15 | 580500 | 70.226 | 17.238 | 158.191 | 41080.148 | 48230.098 | 31.629 | 32.796 | 24.343 | 1.023 |
| 9/12/2018 15:30 | 581400 | 70.229 | 17.243 | 158.198 | 41080.141 | 48224.898 | 31.625 | 32.793 | 24.343 | 1.023 |
| 9/12/2018 15:45 | 582300 | 70.223 | 17.249 | 158.184 | 41105.676 | 48248.645 | 31.643 | 32.809 | 24.328 | 1.023 |
| 9/12/2018 16:00 | 583200 | 70.228 | 17.239 | 158.196 | 41113.449 | 48268.07 | 31.657 | 32.822 | 24.323 | 1.023 |
| 9/12/2018 16:15 | 584100 | 70.229 | 17.25 | 158.197 | 41130.68 | 48277.324 | 31.664 | 32.829 | 24.313 | 1.023 |
| 9/12/2018 16:30 | 585000 | 70.223 | 17.242 | 158.184 | 41078.52 | 48223.848 | 31.624 | 32.792 | 24.344 | 1.023 |
| 9/12/2018 16:45 | 585900 | 70.214 | 17.248 | 158.165 | 41062.195 | 48198.73 | 31.606 | 32.775 | 24.353 | 1.023 |
| 9/12/2018 17:00 | 586800 | 70.208 | 17.249 | 158.151 | 41071.629 | 48208.871 | 31.614 | 32.782 | 24.348 | 1.023 |
| 9/12/2018 17:15 | 587700 | 70.208 | 17.244 | 158.151 | 41085.438 | 48230.738 | 31.613 | 32.797 | 24.34 | 1.023 |
| 9/12/2018 17:30 | 588600 | 70.197 | 17.245 | 158.125 | 41084.109 | 48228.141 | 31.628 | 32.795 | 24.34 | 1.023 |
| 9/12/2018 17:45 | 589500 | 70.197 | 17.25 | 158.126 | 41104.707 | 48246.27 | 31.641 | 32.807 | 24.328 | 1.023 |
| 9/12/2018 18:00 | 590400 | 70.189 | 17.244 | 158.109 | 41079.051 | 48222.391 | 31.624 | 32.791 | 24.343 | 1.023 |
| 9/12/2018 18:15 | 591300 | 70.179 | 17.245 | 158.086 | 41081.797 | 48225.234 | 31.626 | 32.793 | 24.342 | 1.023 |
| 9/12/2018 18:30 | 592200 | 70.168 | 17.243 | 158.06 | 41069.781 | 48212.551 | 31.616 | 32.785 | 24.349 | 1.023 |
| 9/12/2018 18:45 | 593100 | 70.186 | 17.247 | 158.101 | 41089.582 | 48231.352 | 31.613 | 32.797 | 24.337 | 1.023 |
| 9/12/2018 19:00 | 594000 | 70.171 | 17.251 | 158.067 | 41102.766 | 48243.141 | 31.639 | 32.805 | 24.329 | 1.023 |
| 9/12/2018 19:15 | 594900 | 70.146 | 17.248 | 158.01 | 41114.07 | 48259.34 | 31.651 | 32.816 | 24.323 | 1.023 |
| 9/12/2018 19:30 | 595800 | 70.136 | 17.246 | 157.988 | 41060.98 | 48199 | 31.607 | 32.775 | 24.354 | 1.023 |
| 9/12/2018 19:45 | 596700 | 70.148 | 17.249 | 158.015 | 41093.109 | 48234.273 | 31.632 | 32.799 | 24.335 | 1.023 |
| 9/12/2018 20:00 | 597600 | 70.128 | 17.241 | 157.97 | 41077.422 | 48223.781 | 31.624 | 32.792 | 24.344 | 1.023 |
| 9/12/2018 20:15 | 598500 | 70.13 | 17.254 | 157.974 | 41082.039 | 48215.984 | 31.619 | 32.787 | 24.342 | 1.023 |
| 9/12/2018 20:30 | 599400 | 70.118 | 17.24 | 157.947 | 41102.348 | 48254.277 | 31.647 | 32.813 | 24.33 | 1.023 |
| 9/12/2018 20:45 | 600300 | 70.105 | 17.242 | 157.918 | 41079.809 | 48225.926 | 31.626 | 32.794 | 24.343 | 1.023 |
| 9/12/2018 21:00 | 601200 | 70.116 | 17.253 | 157.944 | 41099.094 | 48236.742 | 31.635 | 32.801 | 24.331 | 1.023 |
| 9/12/2018 21:15 | 602100 | 70.099 | 17.248 | 157.905 | 41094.156 | 48236.531 | 31.634 | 32.801 | 24.334 | 1.023 |
| 9/12/2018 21:30 | 603000 | 70.097 | 17.25 | 157.901 | 41082.043 | 48219.289 | 31.622 | 32.789 | 24.342 | 1.023 |
| 9/12/2018 21:45 | 603900 | 70.096 | 17.244 | 157.897 | 41103.34 | 48251.281 | 31.645 | 32.811 | 24.329 | 1.023 |
| 9/12/2018 22:00 | 604800 | 70.096 | 17.252 | 157.899 | 41110.641 | 48250.676 | 31.645 | 32.81 | 24.325 | 1.023 |
| 9/12/2018 22:15 | 605700 | 70.097 | 17.238 | 157.9 | 41115.602 | 48271.91 | 31.659 | 32.825 | 24.322 | 1.023 |
| 9/12/2018 22:30 | 606600 | 70.106 | 17.248 | 157.921 | | | | | | |

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|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/13/2018 21:00 | 687600 | 70.096 | 17.249 | 157.897 | 41099.473 | 48240.883 | 31.637 | 32.804 | 24.331 | 1.023 |
| 9/13/2018 21:15 | 688500 | 70.109 | 17.245 | 157.927 | 41119.18 | 48268.648 | 31.657 | 32.823 | 24.32 | 1.023 |
| 9/13/2018 21:30 | 689400 | 70.086 | 17.241 | 157.875 | 41108.945 | 48260.598 | 31.651 | 32.817 | 24.326 | 1.023 |
| 9/13/2018 21:45 | 690300 | 70.079 | 17.238 | 157.86 | 41058.777 | 48205.008 | 31.61 | 32.779 | 24.355 | 1.023 |
| 9/13/2018 22:00 | 691200 | 70.083 | 17.238 | 157.87 | 41102.555 | 48256.777 | 31.648 | 32.815 | 24.329 | 1.023 |
| 9/13/2018 22:15 | 692100 | 70.07 | 17.248 | 157.839 | 41073.082 | 48211.879 | 31.616 | 32.784 | 24.347 | 1.023 |
| 9/13/2018 22:30 | 693000 | 70.07 | 17.234 | 157.84 | 41050.867 | 48199.969 | 31.607 | 32.776 | 24.36 | 1.023 |
| 9/13/2018 22:45 | 693900 | 70.075 | 17.239 | 157.851 | 48201.18 | 48201.18 | 31.608 | 32.777 | 24.357 | 1.023 |
| 9/13/2018 23:00 | 694800 | 70.081 | 17.243 | 157.864 | 41132.035 | 48285.723 | 31.67 | 32.834 | 24.312 | 1.023 |
| 9/13/2018 23:15 | 695700 | 70.059 | 17.245 | 157.815 | 41030.055 | 48164.496 | 31.581 | 32.752 | 24.372 | 1.023 |
| 9/13/2018 23:30 | 696600 | 70.07 | 17.246 | 157.84 | 41108.07 | 48254.574 | 31.647 | 32.813 | 24.326 | 1.023 |
| 9/13/2018 23:45 | 697500 | 70.061 | 17.247 | 157.82 | 41098.875 | 48243.023 | 31.639 | 32.805 | 24.332 | 1.023 |
| 9/14/2018 0:00 | 698400 | 70.062 | 17.244 | 157.821 | 41109.391 | 48258.566 | 31.65 | 32.816 | 24.325 | 1.023 |
| 9/14/2018 0:15 | 699300 | 70.062 | 17.244 | 157.822 | 41086.672 | 48231.438 | 31.63 | 32.797 | 24.339 | 1.023 |
| 9/14/2018 0:30 | 700200 | 70.072 | 17.246 | 157.843 | 41063.742 | 48203 | 31.609 | 32.778 | 24.352 | 1.023 |
| 9/14/2018 0:45 | 701100 | 70.085 | 17.242 | 157.873 | 41078.633 | 48224.25 | 31.625 | 32.792 | 24.344 | 1.023 |
| 9/14/2018 1:00 | 702000 | 70.075 | 17.239 | 157.851 | 41101.141 | 48253.703 | 31.646 | 32.813 | 24.33 | 1.023 |
| 9/14/2018 1:15 | 702900 | 70.076 | 17.239 | 157.852 | 41073.496 | 48221.547 | 31.623 | 32.791 | 24.347 | 1.023 |
| 9/14/2018 1:30 | 703800 | 70.081 | 17.238 | 157.864 | 41089.648 | 48241.73 | 31.637 | 32.804 | 24.337 | 1.023 |
| 9/14/2018 1:45 | 704700 | 70.112 | 17.24 | 157.934 | 41034.906 | 48175.004 | 31.589 | 32.759 | 24.369 | 1.023 |
| 9/14/2018 2:00 | 705600 | 70.097 | 17.236 | 157.901 | 41051.781 | 48199.633 | 31.606 | 32.776 | 24.359 | 1.023 |
| 9/14/2018 2:15 | 706500 | 70.108 | 17.239 | 157.926 | 41075.398 | 48224.156 | 31.624 | 32.792 | 24.345 | 1.023 |
| 9/14/2018 2:30 | 707400 | 70.1 | 17.234 | 157.907 | 41088.242 | 48243.961 | 31.639 | 32.806 | 24.338 | 1.023 |
| 9/14/2018 2:45 | 708300 | 70.106 | 17.245 | 157.921 | 41109.41 | 48257.559 | 31.649 | 32.815 | 24.325 | 1.023 |
| 9/14/2018 3:00 | 709200 | 70.111 | 17.241 | 157.933 | 41093.82 | 48243.129 | 31.639 | 32.805 | 24.335 | 1.023 |
| 9/14/2018 3:15 | 710100 | 70.122 | 17.242 | 157.956 | 41055.543 | 48197.145 | 31.605 | 32.774 | 24.357 | 1.023 |
| 9/14/2018 3:30 | 711000 | 70.114 | 17.241 | 157.94 | 41079.367 | 48226.629 | 31.626 | 32.794 | 24.343 | 1.023 |
| 9/14/2018 3:45 | 711900 | 70.127 | 17.244 | 157.967 | 41106.641 | 48255.34 | 31.648 | 32.814 | 24.327 | 1.023 |
| 9/14/2018 4:00 | 712800 | 70.137 | 17.241 | 157.991 | 41091.484 | 48240.957 | 31.637 | 32.804 | 24.336 | 1.023 |
| 9/14/2018 4:15 | 713700 | 70.129 | 17.241 | 157.973 | 41015.594 | 48151.672 | 31.572 | 32.743 | 24.381 | 1.023 |
| 9/14/2018 4:30 | 714600 | 70.134 | 17.237 | 157.985 | 41078.145 | 48229.547 | 31.628 | 32.796 | 24.344 | 1.023 |
| 9/14/2018 4:45 | 715500 | 70.139 | 17.245 | 157.994 | 41055.855 | 48194.883 | 31.603 | 32.773 | 24.357 | 1.023 |
| 9/14/2018 5:00 | 716400 | 70.135 | 17.251 | 157.986 | 41099.723 | 48239.188 | 31.636 | 32.803 | 24.331 | 1.023 |
| 9/14/2018 5:15 | 717300 | 70.135 | 17.25 | 157.986 | 41098.008 | 48238.695 | 31.636 | 32.802 | 24.332 | 1.023 |
| 9/14/2018 5:30 | 718200 | 70.138 | 17.237 | 157.993 | 41080.93 | 48232.906 | 31.631 | 32.798 | 24.342 | 1.023 |
| 9/14/2018 5:45 | 719100 | 70.134 | 17.248 | 157.985 | 41092.926 | 48235.172 | 31.633 | 32.8 | 24.335 | 1.023 |
| 9/14/2018 6:00 | 720000 | 70.131 | 17.244 | 157.977 | 41040.008 | 48177.117 | 31.59 | 32.76 | 24.366 | 1.023 |
| 9/14/2018 6:15 | 720900 | 70.14 | 17.247 | 157.998 | 41104.961 | 48249.871 | 31.644 | 32.81 | 24.328 | 1.023 |
| 9/14/2018 6:30 | 721800 | 70.146 | 17.247 | 158.01 | 41098.344 | 48242.207 | 31.638 | 32.805 | 24.332 | 1.023 |
| 9/14/2018 6:45 | 722700 | 70.114 | 17.248 | 157.94 | 41101.406 | 48244.934 | 31.64 | 32.807 | 24.33 | 1.023 |
| 9/14/2018 7:00 | 723600 | 70.119 | 17.239 | 157.95 | 41110.234 | 48264.57 | 31.654 | 32.82 | 24.325 | 1.023 |
| 9/14/2018 7:15 | 724500 | 70.122 | 17.24 | 157.957 | 41102.563 | 48254.621 | 31.647 | 32.813 | 24.329 | 1.023 |
| 9/14/2018 7:30 | 725400 | 70.12 | 17.236 | 157.952 | 41056.797 | 48205.43 | 31.611 | 32.78 | 24.357 | 1.023 |
| 9/14/2018 7:45 | 726300 | 70.106 | 17.245 | 157.921 | 41085.848 | 48229.43 | 31.629 | 32.796 | 24.339 | 1.023 |
| 9/14/2018 8:00 | 727200 | 70.109 | 17.244 | 157.927 | 41097.203 | 48244.449 | 31.64 | 32.806 | 24.333 | 1.023 |
| 9/14/2018 8:15 | 728100 | 70.108 | 17.247 | 157.924 | 41106.523 | 48251.621 | 31.645 | 32.811 | 24.327 | 1.023 |
| 9/14/2018 8:30 | 729000 | 70.104 | 17.243 | 157.915 | 41089.852 | 48236.301 | 31.634 | 32.801 | 24.337 | 1.023 |
| 9/14/2018 8:45 | 729900 | 70.099 | 17.246 | 157.904 | 41121.457 | 48270.75 | 31.659 | 32.824 | 24.318 | 1.023 |
| 9/14/2018 9:00 | 730800 | 70.093 | 17.24 | 157.891 | 41060.594 | 48205.828 | 31.611 | 32.78 | 24.354 | 1.023 |
| 9/14/2018 9:15 | 731700 | 70.097 | 17.237 | 157.9 | 41069.887 | 48219.75 | 31.621 | 32.789 | 24.349 | 1.023 |
| 9/14/2018 9:30 | 732600 | 70.096 | 17.24 | 157.899 | 41101.91 | 48254.418 | 31.647 | 32.813 | 24.33 | 1.023 |
| 9/14/2018 9:45 | 733500 | 70.098 | 17.237 | 157.903 | 41101.152 | 48256.461 | 31.648 | 32.814 | 24.33 | 1.023 |
| 9/14/2018 10:00 | 734400 | 70.102 | 17.24 | 157.912 | 41093.809 | 48244.445 | 31.639 | 32.806 | 24.335 | 1.023 |
| 9/14/2018 10:15 | 735300 | 70.103 | 17.234 | 157.914 | 41109.18 | 48268.543 | 31.657 | 32.823 | 24.325 | 1.023 |
| 9/14/2018 10:30 | 736200 | 70.108 | 17.242 | 157.924 | 41093.793 | 48242.156 | 31.638 | 32.805 | 24.335 | 1.023 |
| 9/14/2018 10:45 | 737100 | 70.112 | 17.239 | 157.935 | 41100.688 | 48254.023 | 31.646 | 32.813 | 24.33 | 1.023 |
| 9/14/2018 11:00 | 738000 | 70.108 | 17.246 | 157.924 | 41079.355 | 48220.867 | 31.623 | 32.79 | 24.343 | 1.023 |
| 9/14/2018 11:15 | 738900 | 70.104 | 17.24 | 157.915 | 41079.906 | 48228.586 | 31.628 | 32.795 | 24.343 | 1.023 |
| 9/14/2018 11:30 | 739800 | 70.114 | 17.237 | 157.939 | 41095.262 | 48249.449 | 31.643 | 32.81 | 24.334 | 1.023 |
| 9/14/2018 11:45 | 740700 | 70.118 | 17.246 | 157.949 | 41102.137 | 48247.23 | 31.642 | 32.808 | 24.33 | 1.023 |
| 9/14/2018 12:00 | 741600 | 70.123 | 17.234 | 157.959 | 41063.023 | 48214.348 | 31.617 | 32.786 | 24.353 | 1.023 |
| 9/14/2018 12:15 | 742500 | 70.128 | 17.236 | 157.969 | 41111.758 | 48269.387 | 31.657 | 32.823 | 24.324 | 1.023 |
| 9/14/2018 12:30 | 743400 | 70.135 | 17.244 | 157.986 | 41047.688 | 48186.133 | 31.597 | 32.767 | 24.362 | 1.023 |
| 9/14/2018 12:45 | 744300 | 70.141 | 17.241 | 158 | 41088.066 | 48236.652 | 31.634 | 32.801 | 24.338 | 1.023 |
| 9/14/2018 13:00 | 745200 | 70.141 | 17.246 | 157.999 | 41069.563 | 48209.184 | 31.614 | 32.782 | 24.349 | 1.023 |
| 9/14/2018 13:15 | 746100 | 70.15 | 17.235 | 158.019 | 41061.535 | 48211.844 | 31.615 | 32.784 | 24.354 | 1.023 |
| 9/14/2018 13:30 | 747000 | 70.173 | 17.239 | 158.072 | 41068.258 | 48215.289 | 31.618 | 32.786 | 24.35 | 1.023 |
| 9/14/2018 13:45 | 747900 | 70.165 | 17.25 | 158.052 | 41121.402 | 48266.344 | 31.658 | 32.821 | 24.318 | 1.023 |
| 9/14/2018 14:00 | 748800 | 70.18 | 17.248 | 158.086 | 41089.695 | 48231.188 | 31.63 | 32.797 | 24.337 | 1.023 |
| 9/14/2018 14:15 | 749700 | 70.177 | 17.247 | 158.08 | 41093.133 | 48235.711 | 31.633 | 32.8 | 24.335 | 1.023 |
| 9/14/2018 14:30 | 750600 | 70.178 | 17.245 | 158.082 | 41063.051 | 48203.422 | 31.61 | 32.778 | 24.353 | 1.023 |
| 9/14/2018 14:45 | 751500 | 70.196 | 17.245 | 158.123 | 41121.102 | 48270.715 | 31.659 | 32.824 | 24.318 | 1.023 |
| 9/14/2018 15:00 | 752400 | 70.193 | 17.246 | 158.116 | 41107.309 | 48253.492 | 31.646 | 32.812 | 24.327 | 1.023 |
| 9/14/2018 15:15 | 753300 | 70.201 | 17.246 | 158.134 | 41052.266 | 48189.629 | 31.6 | 32.769 | 24.359 | 1.023 |
| 9/14/2018 15:30 | 754200 | 70.209 | 17.243 | 158.152 | 41065.398 | 48208.344 | 31.613 | 32.782 | 24.351 | 1.023 |
| 9/14/2018 15:45 | 755100 | 70.21 | 17.247 | 158.154 | 41044.816 | 48179.27 | 31.592 | 32.762 | 24.364 | 1.023 |
| 9/14/2018 16:00 | 756000 | 70.221 | 17.243 | 158.18 | 41125.121 | 48277.984 | 31.664 | 32.829 | 24.316 | 1.023 |
| 9/14/2018 16:15 | 756900 | 70.222 | 17.235 | 158.181 | 41113.637 | 48273.207 | 31.66 | 32.826 | 24.323 | 1.023 |
| 9/14/2018 16:30 | 757800 | 70.219 | 17.242 | 158.174 | 41140.215 | 48296.461 | 31.678 | 32.842 | 24.307 | 1.023 |
| 9/14/2018 16:45 | 758700 | 70.219 | 17.244 | 158.174 | 41094.055 | 48240.484 | 31.637 | 32.804 | 24.334 | 1.023 |
| 9/14/2018 17:00 | 759600 | 70.228 | 17.239 | 158.195 | 41093.258 | 48244.828 | 31.64 | 32.806 | 24.335 | 1.023 |
| 9/14/2018 17:15 | 760500 | 70.218 | 17.243 | 158.173 | 41097.523 | 48245.586 | 31.64 | 32.807 | 24.332 | 1.023 |
| 9/14/2018 17:30 | 761400 | 70.229 | 17.242 | 158.197 | 41086.027 | 48232.66 | 31.631 | 32.798 | 24.339 | 1.023 |
| 9/14/2018 17:45 | 762300 | 70.22 | 17.245 | 158.178 | 41095.574 | 48240.75 | 31.637 | 32.804 | 24.334 | 1.023 |
| 9/14/2018 18:00 | 763200 | 70.21 | 17.25 | 158.155 | 41118.184 | 48261.805 | 31.653 | 32.818 | 24.32 | 1.023 |
| 9/14/2018 18:15 | 764100 | 70.208 | 17.244 | 158.151 | 41127.844 | 48279.578 | 31.665 | 32.83 | 24.314 | 1.023 |
| 9/14/2018 18:30 | 765000 | 70.209 | 17.242 | 158.152 | 41085.313 | 48229.742 | 31.629 | 32.796 | 24.34 | 1.023 |
| 9/14/2018 18:45 | 765900 | 70.198 | 17.244 | 158.127 | 41096.406 | 48245.684 | 31.64 | 32.807 | 24.333 | 1.023 |
| 9/14/2018 19:00 | 766800 | 70.192 | 17.25 | 158.114 | 41139.387 | | | | | |

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|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/15/2018 17:30 | 847800 | 70.183 | 17.25 | 158.094 | 41144.836 | 48293.75 | 31.676 | 32.84 | 24.304 | 1.023 |
| 9/15/2018 17:45 | 848700 | 70.183 | 17.244 | 158.094 | 41074.742 | 48218.082 | 31.62 | 32.788 | 24.346 | 1.023 |
| 9/15/2018 18:00 | 849600 | 70.185 | 17.243 | 158.099 | 41059.836 | 48201.152 | 31.608 | 32.777 | 24.355 | 1.023 |
| 9/15/2018 18:15 | 850500 | 70.186 | 17.243 | 158.102 | 41076.484 | 48220.797 | 31.622 | 32.79 | 24.345 | 1.023 |
| 9/15/2018 18:30 | 851400 | 70.197 | 17.245 | 158.127 | 41072.922 | 48214.254 | 31.618 | 32.786 | 24.347 | 1.023 |
| 9/15/2018 18:45 | 852300 | 70.177 | 17.244 | 158.088 | 41089.957 | 48215.574 | 31.633 | 32.8 | 24.337 | 1.023 |
| 9/15/2018 19:00 | 853200 | 70.184 | 17.243 | 158.097 | 41089.473 | 48236.234 | 31.634 | 32.801 | 24.337 | 1.023 |
| 9/15/2018 19:15 | 854100 | 70.167 | 17.248 | 158.059 | 41060.605 | 48197.234 | 31.605 | 32.774 | 24.354 | 1.023 |
| 9/15/2018 19:30 | 855000 | 70.167 | 17.251 | 158.059 | 41119.355 | 48262.992 | 31.654 | 32.819 | 24.319 | 1.023 |
| 9/15/2018 19:45 | 855900 | 70.171 | 17.242 | 158.066 | 41111.332 | 48262.934 | 31.653 | 32.819 | 24.324 | 1.023 |
| 9/15/2018 20:00 | 856800 | 70.149 | 17.246 | 158.018 | 41103.145 | 48248.98 | 31.643 | 32.809 | 24.329 | 1.023 |
| 9/15/2018 20:15 | 857700 | 70.144 | 17.241 | 158.007 | 41036.492 | 48176.016 | 31.589 | 32.76 | 24.369 | 1.023 |
| 9/15/2018 20:30 | 858600 | 70.141 | 17.229 | 158.001 | 41062.914 | 48219.789 | 31.621 | 32.789 | 24.353 | 1.023 |
| 9/15/2018 20:45 | 859500 | 70.139 | 17.244 | 157.994 | 41074.051 | 48216.898 | 31.619 | 32.787 | 24.346 | 1.023 |
| 9/15/2018 21:00 | 860400 | 70.134 | 17.232 | 157.984 | 41075.738 | 48231.348 | 31.629 | 32.797 | 24.345 | 1.023 |
| 9/15/2018 21:15 | 861300 | 70.132 | 17.243 | 157.979 | 41069.566 | 48213.148 | 31.617 | 32.785 | 24.349 | 1.023 |
| 9/15/2018 21:30 | 862200 | 70.117 | 17.244 | 157.946 | 41115.914 | 48265.855 | 31.655 | 32.821 | 24.321 | 1.023 |
| 9/15/2018 21:45 | 863100 | 70.12 | 17.236 | 157.953 | 41095.684 | 48251.277 | 31.644 | 32.811 | 24.333 | 1.023 |
| 9/15/2018 22:00 | 864000 | 70.096 | 17.247 | 157.899 | 41110.223 | 48256.234 | 31.648 | 32.814 | 24.325 | 1.023 |
| 9/15/2018 22:15 | 864900 | 70.086 | 17.24 | 157.876 | 41040.199 | 48181.969 | 31.594 | 32.764 | 24.366 | 1.023 |
| 9/15/2018 22:30 | 865800 | 70.081 | 17.238 | 157.864 | 41077.277 | 48227.207 | 31.627 | 32.795 | 24.344 | 1.023 |
| 9/15/2018 22:45 | 866700 | 70.082 | 17.24 | 157.866 | 41070.668 | 48217.547 | 31.62 | 32.788 | 24.348 | 1.023 |
| 9/15/2018 23:00 | 867600 | 70.066 | 17.244 | 157.83 | 41070.273 | 48212.566 | 31.616 | 32.785 | 24.349 | 1.023 |
| 9/15/2018 23:15 | 868500 | 70.061 | 17.242 | 157.82 | 41085.27 | 48232.52 | 31.631 | 32.798 | 24.34 | 1.023 |
| 9/15/2018 23:30 | 869400 | 70.058 | 17.257 | 157.813 | 41079.324 | 48209.313 | 31.615 | 32.782 | 24.343 | 1.023 |
| 9/15/2018 23:45 | 870300 | 70.042 | 17.245 | 157.776 | 41083.91 | 48227.434 | 31.627 | 32.795 | 24.34 | 1.023 |
| 9/16/2018 0:00 | 871200 | 70.04 | 17.244 | 157.772 | 41070.613 | 48213.047 | 31.617 | 32.785 | 24.348 | 1.023 |
| 9/16/2018 0:15 | 872100 | 70.036 | 17.25 | 157.762 | 41101.117 | 48242.434 | 31.639 | 32.805 | 24.33 | 1.023 |
| 9/16/2018 0:30 | 873000 | 70.038 | 17.243 | 157.768 | 41069.758 | 48215.828 | 31.618 | 32.787 | 24.349 | 1.023 |
| 9/16/2018 0:45 | 873900 | 70.034 | 17.243 | 157.758 | 41111.41 | 48261.605 | 31.652 | 32.818 | 24.324 | 1.023 |
| 9/16/2018 1:00 | 874800 | 70.034 | 17.243 | 157.758 | 41066.883 | 48209.715 | 31.614 | 32.783 | 24.351 | 1.023 |
| 9/16/2018 1:15 | 875700 | 70.032 | 17.247 | 157.755 | 41052.414 | 48188.566 | 31.599 | 32.768 | 24.359 | 1.023 |
| 9/16/2018 1:30 | 876600 | 70.032 | 17.238 | 157.754 | 41051.035 | 48196.105 | 31.604 | 32.773 | 24.36 | 1.023 |
| 9/16/2018 1:45 | 877500 | 70.028 | 17.242 | 157.744 | 41034.691 | 48172.664 | 31.587 | 32.757 | 24.37 | 1.023 |
| 9/16/2018 2:00 | 878400 | 70.049 | 17.247 | 157.792 | 41072.316 | 48211.551 | 31.616 | 32.784 | 24.347 | 1.023 |
| 9/16/2018 2:15 | 879300 | 70.022 | 17.236 | 157.731 | 41092.461 | 48246.633 | 31.641 | 32.808 | 24.335 | 1.023 |
| 9/16/2018 2:30 | 880200 | 70.032 | 17.244 | 157.755 | 41105.531 | 48254.328 | 31.647 | 32.813 | 24.328 | 1.023 |
| 9/16/2018 2:45 | 881100 | 70.03 | 17.249 | 157.749 | 41077.738 | 48215.566 | 31.619 | 32.787 | 24.344 | 1.023 |
| 9/16/2018 3:00 | 882000 | 70.03 | 17.251 | 157.749 | 41085.852 | 48223.199 | 31.625 | 32.792 | 24.339 | 1.023 |
| 9/16/2018 3:15 | 882900 | 70.045 | 17.249 | 157.784 | 41085.801 | 48225.695 | 31.626 | 32.793 | 24.339 | 1.023 |
| 9/16/2018 3:30 | 883800 | 70.043 | 17.235 | 157.779 | 41070.789 | 48222.898 | 31.623 | 32.792 | 24.348 | 1.023 |
| 9/16/2018 3:45 | 884700 | 70.042 | 17.237 | 157.777 | 41073.574 | 48223.797 | 31.624 | 32.792 | 24.347 | 1.023 |
| 9/16/2018 4:00 | 885600 | 70.061 | 17.242 | 157.819 | 41104.293 | 48254.566 | 31.647 | 32.813 | 24.328 | 1.023 |
| 9/16/2018 4:15 | 886500 | 70.053 | 17.245 | 157.8 | 41069.586 | 48211.094 | 31.615 | 32.784 | 24.349 | 1.023 |
| 9/16/2018 4:30 | 887400 | 70.048 | 17.245 | 157.79 | 41083.703 | 48226.723 | 31.627 | 32.794 | 24.341 | 1.023 |
| 9/16/2018 4:45 | 888300 | 70.048 | 17.246 | 157.79 | 41134.426 | 48285.594 | 31.67 | 32.834 | 24.311 | 1.023 |
| 9/16/2018 5:00 | 889200 | 70.055 | 17.252 | 157.805 | 41078.691 | 48213.367 | 31.617 | 32.785 | 24.344 | 1.023 |
| 9/16/2018 5:15 | 890100 | 70.06 | 17.239 | 157.818 | 41089.508 | 48240.047 | 31.636 | 32.803 | 24.337 | 1.023 |
| 9/16/2018 5:30 | 891000 | 70.058 | 17.244 | 157.812 | 41090.078 | 48235.816 | 31.633 | 32.8 | 24.337 | 1.023 |
| 9/16/2018 5:45 | 891900 | 70.07 | 17.243 | 157.84 | 41054.07 | 48194.004 | 31.603 | 32.772 | 24.358 | 1.023 |
| 9/16/2018 6:00 | 892800 | 70.064 | 17.247 | 157.826 | 41108.504 | 48253.945 | 31.647 | 32.813 | 24.326 | 1.023 |
| 9/16/2018 6:15 | 893700 | 70.072 | 17.242 | 157.843 | 41100.699 | 48250.535 | 31.644 | 32.81 | 24.33 | 1.023 |
| 9/16/2018 6:30 | 894600 | 70.075 | 17.245 | 157.851 | 41101.047 | 48247.27 | 31.642 | 32.808 | 24.33 | 1.023 |
| 9/16/2018 6:45 | 895500 | 70.07 | 17.247 | 157.839 | 41059.766 | 48196.82 | 31.605 | 32.774 | 24.355 | 1.023 |
| 9/16/2018 7:00 | 896400 | 70.08 | 17.237 | 157.863 | 41052.555 | 48199.688 | 31.606 | 32.776 | 24.359 | 1.023 |
| 9/16/2018 7:15 | 897300 | 70.086 | 17.243 | 157.876 | 41126.453 | 48279.645 | 31.665 | 32.83 | 24.315 | 1.023 |
| 9/16/2018 7:30 | 898200 | 70.08 | 17.239 | 157.863 | 41097.391 | 48249.598 | 31.643 | 32.81 | 24.332 | 1.023 |
| 9/16/2018 7:45 | 899100 | 70.086 | 17.239 | 157.876 | 41060.664 | 48206.941 | 31.612 | 32.781 | 24.354 | 1.023 |
| 9/16/2018 8:00 | 900000 | 70.101 | 17.24 | 157.908 | 41068.781 | 48215.523 | 31.618 | 32.787 | 24.349 | 1.023 |
| 9/16/2018 8:15 | 900900 | 70.086 | 17.24 | 157.875 | 41067.367 | 48213.211 | 31.617 | 32.785 | 24.35 | 1.023 |
| 9/16/2018 8:30 | 901800 | 70.075 | 17.245 | 157.85 | 41115.211 | 48263.801 | 31.654 | 32.819 | 24.322 | 1.023 |
| 9/16/2018 8:45 | 902700 | 70.086 | 17.242 | 157.876 | 41080 | 48226.152 | 31.626 | 32.794 | 24.343 | 1.023 |
| 9/16/2018 9:00 | 903600 | 70.101 | 17.248 | 157.909 | 41072.621 | 48211.148 | 31.616 | 32.784 | 24.347 | 1.023 |
| 9/16/2018 9:15 | 904500 | 70.082 | 17.247 | 157.867 | 41115.512 | 48262.633 | 31.653 | 32.819 | 24.322 | 1.023 |
| 9/16/2018 9:30 | 905400 | 70.086 | 17.244 | 157.875 | 41056.699 | 48196.82 | 31.605 | 32.774 | 24.357 | 1.023 |
| 9/16/2018 9:45 | 906300 | 70.079 | 17.249 | 157.86 | 41086.047 | 48225.227 | 31.626 | 32.793 | 24.339 | 1.023 |
| 9/16/2018 10:00 | 907200 | 70.078 | 17.239 | 157.858 | 41058.805 | 48204.191 | 31.61 | 32.779 | 24.355 | 1.023 |
| 9/16/2018 10:15 | 908100 | 70.082 | 17.242 | 157.867 | 41081.016 | 48227.527 | 31.627 | 32.795 | 24.342 | 1.023 |
| 9/16/2018 10:30 | 909000 | 70.078 | 17.247 | 157.857 | 41080.742 | 48221.168 | 31.623 | 32.79 | 24.342 | 1.023 |
| 9/16/2018 10:45 | 909900 | 70.079 | 17.244 | 157.86 | 41097.539 | 48244.656 | 31.64 | 32.806 | 24.332 | 1.023 |
| 9/16/2018 11:00 | 910800 | 70.085 | 17.236 | 157.873 | 41054.641 | 48202.605 | 31.609 | 32.778 | 24.358 | 1.023 |
| 9/16/2018 11:15 | 911700 | 70.082 | 17.244 | 157.867 | 41082.777 | 48226.957 | 31.627 | 32.794 | 24.341 | 1.023 |
| 9/16/2018 11:30 | 912600 | 70.082 | 17.242 | 157.867 | 41086.953 | 48242.824 | 31.638 | 32.805 | 24.339 | 1.023 |
| 9/16/2018 11:45 | 913500 | 70.081 | 17.234 | 157.864 | 41093.043 | 48240.988 | 31.637 | 32.804 | 24.335 | 1.023 |
| 9/16/2018 12:00 | 914400 | 70.09 | 17.233 | 157.884 | 41064.277 | 48216.852 | 31.619 | 32.787 | 24.352 | 1.023 |
| 9/16/2018 12:15 | 915300 | 70.081 | 17.244 | 157.864 | 41097.406 | 48244.227 | 31.639 | 32.806 | 24.332 | 1.023 |
| 9/16/2018 12:30 | 916200 | 70.091 | 17.242 | 157.887 | 41098.133 | 48247.711 | 31.642 | 32.808 | 24.332 | 1.023 |
| 9/16/2018 12:45 | 917100 | 70.094 | 17.239 | 157.895 | 41072.949 | 48220.715 | 31.622 | 32.79 | 24.347 | 1.023 |
| 9/16/2018 13:00 | 918000 | 70.096 | 17.236 | 157.899 | 41079.004 | 48231.023 | 31.629 | 32.797 | 24.343 | 1.023 |
| 9/16/2018 13:15 | 918900 | 70.101 | 17.244 | 157.91 | 41117.656 | 48268.27 | 31.657 | 32.822 | 24.32 | 1.023 |
| 9/16/2018 13:30 | 919800 | 70.1 | 17.239 | 157.907 | 41072.367 | 48220.031 | 31.621 | 32.79 | 24.347 | 1.023 |
| 9/16/2018 13:45 | 920700 | 70.101 | 17.239 | 157.909 | 41077.547 | 48226.68 | 31.626 | 32.794 | 24.344 | 1.023 |
| 9/16/2018 14:00 | 921600 | 70.109 | 17.252 | 157.927 | 41103.559 | 48243.313 | 31.639 | 32.805 | 24.329 | 1.023 |
| 9/16/2018 14:15 | 922500 | 70.116 | 17.244 | 157.943 | 41084.141 | 48228.367 | 31.628 | 32.795 | 24.34 | 1.023 |
| 9/16/2018 14:30 | 923400 | 70.123 | 17.241 | 157.96 | 41045.051 | 48186.063 | 31.597 | 32.767 | 24.363 | 1.023 |
| 9/16/2018 14:45 | 924300 | 70.124 | 17.242 | 157.96 | 41105.391 | 48255.484 | 31.648 | 32.814 | 24.328 | 1.023 |
| 9/16/2018 15:00 | 925200 | 70.132 | 17.24 | 157.979 | 41078.652 | 48226.551 | 31.626 | 32.794 | 24.344 | 1.023 |
| 9/16/2018 15:15 | 926100 | 70.133 | 17.241 | 157.98 | 41114.43 | 48267.414 | 31.656 | 32.822 | 24.322 | 1.023 |
| 9/16/2018 15:30 | 927000 | 70.141 | 17.248 | | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/17/2018 14:00 | 1008000 | 70.158 | 17.241 | 158.038 | 41076.891 | 48223.344 | 31.624 | 32.792 | 24.345 | 1.023 |
| 9/17/2018 14:15 | 1008900 | 70.18 | 17.234 | 158.086 | 41074.457 | 48228.043 | 31.627 | 32.795 | 24.346 | 1.023 |
| 9/17/2018 14:30 | 1009800 | 70.171 | 17.235 | 158.066 | 41101.738 | 48259.234 | 31.65 | 32.816 | 24.33 | 1.023 |
| 9/17/2018 14:45 | 1010700 | 70.177 | 17.239 | 158.08 | 41097.113 | 48259.652 | 31.643 | 32.81 | 24.333 | 1.023 |
| 9/17/2018 15:00 | 1011600 | 70.181 | 17.245 | 158.089 | 41094.773 | 48239.719 | 31.626 | 32.803 | 24.334 | 1.023 |
| 9/17/2018 15:15 | 1012500 | 70.19 | 17.24 | 158.109 | 41082.496 | 48230.875 | 31.629 | 32.797 | 24.341 | 1.023 |
| 9/17/2018 15:30 | 1013400 | 70.193 | 17.248 | 158.116 | 41092.039 | 48234.133 | 31.632 | 32.799 | 24.336 | 1.023 |
| 9/17/2018 15:45 | 1014300 | 70.188 | 17.235 | 158.106 | 41090.969 | 48246.59 | 31.641 | 32.808 | 24.336 | 1.023 |
| 9/17/2018 16:00 | 1015200 | 70.194 | 17.241 | 158.12 | 41072.309 | 48218.063 | 31.62 | 32.788 | 24.347 | 1.023 |
| 9/17/2018 16:15 | 1016100 | 70.192 | 17.238 | 158.114 | 41062.707 | 48209.992 | 31.614 | 32.783 | 24.353 | 1.023 |
| 9/17/2018 16:30 | 1017000 | 70.211 | 17.236 | 158.157 | 41085.879 | 48239.094 | 31.635 | 32.803 | 24.339 | 1.023 |
| 9/17/2018 16:45 | 1017900 | 70.208 | 17.24 | 158.15 | 41103.434 | 48255.645 | 31.648 | 32.814 | 24.329 | 1.023 |
| 9/17/2018 17:00 | 1018800 | 70.205 | 17.243 | 158.143 | 41094.047 | 48241.316 | 31.637 | 32.804 | 24.334 | 1.023 |
| 9/17/2018 17:15 | 1019700 | 70.212 | 17.251 | 158.158 | 41120.301 | 48263.914 | 31.654 | 32.819 | 24.319 | 1.023 |
| 9/17/2018 17:30 | 1020600 | 70.227 | 17.241 | 158.193 | 41072.637 | 48218.449 | 31.62 | 32.789 | 24.347 | 1.023 |
| 9/17/2018 17:45 | 1021500 | 70.229 | 17.24 | 158.198 | 41089.098 | 48239.102 | 31.635 | 32.803 | 24.337 | 1.023 |
| 9/17/2018 18:00 | 1022400 | 70.224 | 17.243 | 158.187 | 41086.402 | 48232.91 | 31.631 | 32.798 | 24.339 | 1.023 |
| 9/17/2018 18:15 | 1023300 | 70.224 | 17.241 | 158.186 | 41099.414 | 48249.41 | 31.643 | 32.81 | 24.331 | 1.023 |
| 9/17/2018 18:30 | 1024200 | 70.223 | 17.244 | 158.184 | 41077.688 | 48220.98 | 31.622 | 32.79 | 24.344 | 1.023 |
| 9/17/2018 18:45 | 1025100 | 70.222 | 17.239 | 158.182 | 41121.547 | 48278.039 | 31.664 | 32.829 | 24.318 | 1.023 |
| 9/17/2018 19:00 | 1026000 | 70.239 | 17.249 | 158.22 | 41087.309 | 48227.273 | 31.627 | 32.795 | 24.338 | 1.023 |
| 9/17/2018 19:15 | 1026900 | 70.235 | 17.254 | 158.211 | 41120.512 | 48260.578 | 31.652 | 32.817 | 24.319 | 1.023 |
| 9/17/2018 19:30 | 1027800 | 70.237 | 17.24 | 158.216 | 41106.523 | 48258.992 | 31.65 | 32.816 | 24.327 | 1.023 |
| 9/17/2018 19:45 | 1028700 | 70.232 | 17.24 | 158.205 | 41086.086 | 48234.898 | 31.632 | 32.8 | 24.339 | 1.023 |
| 9/17/2018 20:00 | 1029600 | 70.254 | 17.25 | 158.254 | 41088.688 | 48227.848 | 31.628 | 32.795 | 24.338 | 1.023 |
| 9/17/2018 20:15 | 1030500 | 70.237 | 17.241 | 158.216 | 41086.523 | 48234.375 | 31.632 | 32.799 | 24.339 | 1.023 |
| 9/17/2018 20:30 | 1031400 | 70.252 | 17.239 | 158.249 | 41076.18 | 48225.25 | 31.625 | 32.793 | 24.345 | 1.023 |
| 9/17/2018 20:45 | 1032300 | 70.237 | 17.234 | 158.216 | 41116.832 | 48271.477 | 31.659 | 32.825 | 24.321 | 1.023 |
| 9/17/2018 21:00 | 1033200 | 70.233 | 17.244 | 158.207 | 41057.02 | 48196.906 | 31.605 | 32.774 | 24.356 | 1.023 |
| 9/17/2018 21:15 | 1034100 | 70.224 | 17.242 | 158.187 | 41074.5 | 48220.066 | 31.622 | 32.79 | 24.346 | 1.023 |
| 9/17/2018 21:30 | 1035000 | 70.222 | 17.241 | 158.181 | 41109.934 | 48262.234 | 31.652 | 32.818 | 24.325 | 1.023 |
| 9/17/2018 21:45 | 1035900 | 70.201 | 17.247 | 158.134 | 41080.176 | 48220.395 | 31.622 | 32.79 | 24.343 | 1.023 |
| 9/17/2018 22:00 | 1036800 | 70.216 | 17.24 | 158.169 | 41076.777 | 48224.449 | 31.625 | 32.793 | 24.345 | 1.023 |
| 9/17/2018 22:15 | 1037700 | 70.209 | 17.249 | 158.152 | 41108.215 | 48251.707 | 31.645 | 32.811 | 24.326 | 1.023 |
| 9/17/2018 22:30 | 1038600 | 70.209 | 17.24 | 158.152 | 41074.109 | 48221.125 | 31.622 | 32.79 | 24.346 | 1.023 |
| 9/17/2018 22:45 | 1039500 | 70.197 | 17.235 | 158.127 | 41084.984 | 48239.941 | 31.636 | 32.803 | 24.34 | 1.023 |
| 9/17/2018 23:00 | 1040400 | 70.196 | 17.24 | 158.122 | 41090.426 | 48239.902 | 31.636 | 32.803 | 24.337 | 1.023 |
| 9/17/2018 23:15 | 1041300 | 70.184 | 17.243 | 158.097 | 41112.465 | 48262.938 | 31.653 | 32.819 | 24.324 | 1.023 |
| 9/17/2018 23:30 | 1042200 | 70.179 | 17.244 | 158.086 | 41089.23 | 48245.121 | 31.64 | 32.807 | 24.337 | 1.023 |
| 9/17/2018 23:45 | 1043100 | 70.169 | 17.242 | 158.063 | 41101.082 | 48250.71 | 31.644 | 32.81 | 24.33 | 1.023 |
| 9/18/2018 0:00 | 1044000 | 70.165 | 17.243 | 158.052 | 41087.965 | 48233.988 | 31.632 | 32.799 | 24.338 | 1.023 |
| 9/18/2018 0:15 | 1044900 | 70.156 | 17.241 | 158.033 | 41074.004 | 48219.676 | 31.621 | 32.789 | 24.346 | 1.023 |
| 9/18/2018 0:30 | 1045800 | 70.15 | 17.241 | 158.019 | 41062.438 | 48206.098 | 31.611 | 32.78 | 24.353 | 1.023 |
| 9/18/2018 0:45 | 1046700 | 70.138 | 17.237 | 157.993 | 41100.746 | 48255.414 | 31.647 | 32.814 | 24.33 | 1.023 |
| 9/18/2018 1:00 | 1047600 | 70.138 | 17.243 | 157.992 | 41090.457 | 48237.672 | 31.635 | 32.802 | 24.337 | 1.023 |
| 9/18/2018 1:15 | 1048500 | 70.141 | 17.245 | 158 | 41109.637 | 48257.727 | 31.649 | 32.815 | 24.325 | 1.023 |
| 9/18/2018 1:30 | 1049400 | 70.119 | 17.244 | 157.95 | 41049.207 | 48187.359 | 31.598 | 32.767 | 24.361 | 1.023 |
| 9/18/2018 1:45 | 1050300 | 70.123 | 17.241 | 157.958 | 41070.652 | 48216.5 | 31.619 | 32.787 | 24.348 | 1.023 |
| 9/18/2018 2:00 | 1051200 | 70.109 | 17.239 | 157.927 | 41095.309 | 48246.773 | 31.641 | 32.808 | 24.334 | 1.023 |
| 9/18/2018 2:15 | 1052100 | 70.119 | 17.243 | 157.95 | 41080.336 | 48224.84 | 31.625 | 32.793 | 24.343 | 1.023 |
| 9/18/2018 2:30 | 1053000 | 70.108 | 17.244 | 157.924 | 41054.438 | 48193.688 | 31.603 | 32.772 | 24.358 | 1.023 |
| 9/18/2018 2:45 | 1053900 | 70.098 | 17.247 | 157.903 | 41071.883 | 48210.77 | 31.615 | 32.783 | 24.348 | 1.023 |
| 9/18/2018 3:00 | 1054800 | 70.106 | 17.248 | 157.921 | 41112.25 | 48257.664 | 31.65 | 32.815 | 24.324 | 1.023 |
| 9/18/2018 3:15 | 1055700 | 70.101 | 17.24 | 157.91 | 41039.48 | 48180.094 | 31.592 | 32.762 | 24.367 | 1.023 |
| 9/18/2018 3:30 | 1056600 | 70.105 | 17.239 | 157.919 | 41082.852 | 48232.531 | 31.631 | 32.798 | 24.341 | 1.023 |
| 9/18/2018 3:45 | 1057500 | 70.086 | 17.24 | 157.875 | 41113.578 | 48267.273 | 31.656 | 32.822 | 24.323 | 1.023 |
| 9/18/2018 4:00 | 1058400 | 70.089 | 17.247 | 157.881 | 41138.406 | 48289.426 | 31.673 | 32.837 | 24.308 | 1.023 |
| 9/18/2018 4:15 | 1059300 | 70.07 | 17.244 | 157.84 | 41114.344 | 48263.918 | 31.654 | 32.819 | 24.322 | 1.023 |
| 9/18/2018 4:30 | 1060200 | 70.093 | 17.237 | 157.892 | 41111.273 | 48268.344 | 31.657 | 32.822 | 24.324 | 1.023 |
| 9/18/2018 4:45 | 1061100 | 70.094 | 17.24 | 157.895 | 41105.578 | 48257.691 | 31.649 | 32.815 | 24.328 | 1.023 |
| 9/18/2018 5:00 | 1062000 | 70.097 | 17.237 | 157.9 | 41049.207 | 48195.473 | 31.603 | 32.773 | 24.361 | 1.023 |
| 9/18/2018 5:15 | 1062900 | 70.096 | 17.241 | 157.897 | 41096.336 | 48246.742 | 31.641 | 32.808 | 24.333 | 1.023 |
| 9/18/2018 5:30 | 1063800 | 70.093 | 17.244 | 157.891 | 41094.316 | 48240.313 | 31.637 | 32.803 | 24.334 | 1.023 |
| 9/18/2018 5:45 | 1064700 | 70.097 | 17.242 | 157.9 | 41081.383 | 48227.672 | 31.627 | 32.795 | 24.342 | 1.023 |
| 9/18/2018 6:00 | 1065600 | 70.106 | 17.237 | 157.921 | 41084.027 | 48235.973 | 31.633 | 32.8 | 24.34 | 1.023 |
| 9/18/2018 6:15 | 1066500 | 70.112 | 17.243 | 157.953 | 41073.891 | 48217.273 | 31.62 | 32.788 | 24.346 | 1.023 |
| 9/18/2018 6:30 | 1067400 | 70.106 | 17.245 | 157.921 | 41110.52 | 48258.949 | 31.645 | 32.816 | 24.325 | 1.023 |
| 9/18/2018 6:45 | 1068300 | 70.112 | 17.243 | 157.935 | 41096.676 | 48251.68 | 31.64 | 32.811 | 24.333 | 1.023 |
| 9/18/2018 7:00 | 1069200 | 70.111 | 17.243 | 157.931 | 41066.934 | 48209.773 | 31.614 | 32.783 | 24.35 | 1.023 |
| 9/18/2018 7:15 | 1070100 | 70.123 | 17.242 | 157.96 | 41063.887 | 48207.605 | 31.613 | 32.781 | 24.352 | 1.023 |
| 9/18/2018 7:30 | 1071000 | 70.123 | 17.244 | 157.958 | 41048.875 | 48187.348 | 31.598 | 32.767 | 24.361 | 1.023 |
| 9/18/2018 7:45 | 1071900 | 70.13 | 17.239 | 157.974 | 41091.086 | 48242.139 | 31.638 | 32.805 | 24.336 | 1.023 |
| 9/18/2018 8:00 | 1072800 | 70.143 | 17.241 | 158.005 | 41082.07 | 48229.047 | 31.628 | 32.796 | 24.342 | 1.023 |
| 9/18/2018 8:15 | 1073700 | 70.141 | 17.242 | 157.999 | 41095.695 | 48244.852 | 31.64 | 32.807 | 24.333 | 1.023 |
| 9/18/2018 8:30 | 1074600 | 70.147 | 17.24 | 158.014 | 41057.832 | 48202.586 | 31.609 | 32.778 | 24.356 | 1.023 |
| 9/18/2018 8:45 | 1075500 | 70.147 | 17.242 | 158.013 | 41045.262 | 48185.742 | 31.597 | 32.766 | 24.363 | 1.023 |
| 9/18/2018 9:00 | 1076400 | 70.15 | 17.237 | 158.021 | 41054.816 | 48202.156 | 31.608 | 32.777 | 24.358 | 1.023 |
| 9/18/2018 9:15 | 1077300 | 70.156 | 17.233 | 158.033 | 41089.469 | 48247.281 | 31.641 | 32.808 | 24.337 | 1.023 |
| 9/18/2018 9:30 | 1078200 | 70.156 | 17.23 | 158.033 | 41050.465 | 48204.41 | 31.61 | 32.779 | 24.36 | 1.023 |
| 9/18/2018 9:45 | 1079100 | 70.169 | 17.241 | 158.062 | 41126.027 | 48280.84 | 31.666 | 32.831 | 24.316 | 1.023 |
| 9/18/2018 10:00 | 1080000 | 70.172 | 17.241 | 158.07 | 41094.738 | 48244.676 | 31.64 | 32.806 | 24.334 | 1.023 |
| 9/18/2018 10:15 | 1080900 | 70.168 | 17.233 | 158.061 | 41067.145 | 48220.324 | 31.621 | 32.79 | 24.35 | 1.023 |
| 9/18/2018 10:30 | 1081800 | 70.172 | 17.231 | 158.07 | 41081.313 | 48239.305 | 31.635 | 32.803 | 24.342 | 1.023 |
| 9/18/2018 10:45 | 1082700 | 70.177 | 17.244 | 158.081 | 41074.637 | 48217.59 | 31.62 | 32.788 | 24.346 | 1.023 |
| 9/18/2018 11:00 | 1083600 | 70.172 | 17.234 | 158.07 | 41088.418 | 48244.438 | 31.639 | 32.806 | 24.338 | 1.023 |
| 9/18/2018 11:15 | 1084500 | 70.168 | 17.234 | 158.06 | 41081.75 | 48236.715 | 31.633 | 32.801 | 24.342 | 1.023 |
| 9/18/2018 11:30 | 1085400 | 70.179 | 17.232 | 158.085 | 41112.082 | 48274.023 | 31.661 | 32.826 | 24.324 | 1.023 |
| 9/18/2018 11:45 | 1086300 | 70.172 | 17.237 | 158.07 | 41080.168 | 48232.012 | 31.63 | 32.798 | 24.343 | 1 |

| | | | | | | | | | | |
|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/19/2018 10:30 | 1168200 | 70.156 | 17.233 | 158.033 | 41084.02 | 48240.141 | 31.636 | 32.803 | 24.34 | 1.023 |
| 9/19/2018 10:45 | 1169100 | 70.158 | 17.244 | 158.038 | 41064.121 | 48205.242 | 31.611 | 32.78 | 24.352 | 1.023 |
| 9/19/2018 11:00 | 1170000 | 70.156 | 17.237 | 158.033 | 41084.516 | 48236.926 | 31.634 | 32.801 | 24.34 | 1.023 |
| 9/19/2018 11:15 | 1170900 | 70.166 | 17.249 | 158.052 | 41083.504 | 48222.617 | 31.624 | 32.791 | 24.341 | 1.023 |
| 9/19/2018 11:30 | 1171800 | 70.165 | 17.245 | 158.052 | 41091.98 | 48228.785 | 31.636 | 32.802 | 24.334 | 1.023 |
| 9/19/2018 11:45 | 1172700 | 70.162 | 17.24 | 158.047 | 41099.75 | 48217.797 | 31.645 | 32.811 | 24.331 | 1.023 |
| 9/19/2018 12:00 | 1173600 | 70.165 | 17.247 | 158.052 | 41079.984 | 48221.039 | 31.623 | 32.79 | 24.343 | 1.023 |
| 9/19/2018 12:15 | 1174500 | 70.172 | 17.237 | 158.07 | 41071.012 | 48221.074 | 31.622 | 32.79 | 24.348 | 1.023 |
| 9/19/2018 12:30 | 1175400 | 70.171 | 17.244 | 158.066 | 41073.711 | 48216.41 | 31.619 | 32.787 | 24.346 | 1.023 |
| 9/19/2018 12:45 | 1176300 | 70.167 | 17.24 | 158.059 | 41091.758 | 48242.117 | 31.638 | 32.805 | 24.336 | 1.023 |
| 9/19/2018 13:00 | 1177200 | 70.167 | 17.239 | 158.057 | 41057.215 | 48202.621 | 31.609 | 32.778 | 24.356 | 1.023 |
| 9/19/2018 13:15 | 1178100 | 70.165 | 17.235 | 158.053 | 41046.148 | 48194.238 | 31.602 | 32.772 | 24.363 | 1.023 |
| 9/19/2018 13:30 | 1179000 | 70.162 | 17.245 | 158.047 | 41052.516 | 48190.301 | 31.6 | 32.769 | 24.359 | 1.023 |
| 9/19/2018 13:45 | 1179900 | 70.172 | 17.24 | 158.07 | 41072.285 | 48219.367 | 31.621 | 32.789 | 24.347 | 1.023 |
| 9/19/2018 14:00 | 1180800 | 70.164 | 17.241 | 158.052 | 41076.16 | 48222.297 | 31.623 | 32.791 | 24.345 | 1.023 |
| 9/19/2018 14:15 | 1181700 | 70.162 | 17.242 | 158.046 | 41101.418 | 48250.918 | 31.644 | 32.811 | 24.33 | 1.023 |
| 9/19/2018 14:30 | 1182600 | 70.167 | 17.244 | 158.065 | 41083.445 | 48227.551 | 31.627 | 32.795 | 24.341 | 1.023 |
| 9/19/2018 14:45 | 1183500 | 70.169 | 17.236 | 158.062 | 41090.84 | 48244.828 | 31.639 | 32.806 | 24.336 | 1.023 |
| 9/19/2018 15:00 | 1184400 | 70.182 | 17.248 | 158.093 | 41121.59 | 48268.625 | 31.658 | 32.823 | 24.318 | 1.023 |
| 9/19/2018 15:15 | 1185300 | 70.164 | 17.24 | 158.052 | 41123.703 | 48279.918 | 31.665 | 32.83 | 24.317 | 1.023 |
| 9/19/2018 15:30 | 1186200 | 70.164 | 17.238 | 158.052 | 41093.465 | 48246.105 | 31.64 | 32.807 | 24.335 | 1.023 |
| 9/19/2018 15:45 | 1187100 | 70.164 | 17.243 | 158.052 | 41080.422 | 48225.891 | 31.626 | 32.794 | 24.342 | 1.023 |
| 9/19/2018 16:00 | 1188000 | 70.165 | 17.237 | 158.052 | 41087.762 | 48240.836 | 31.637 | 32.804 | 24.338 | 1.023 |
| 9/19/2018 16:15 | 1188900 | 70.169 | 17.243 | 158.064 | 41090.352 | 48237.457 | 31.634 | 32.801 | 24.337 | 1.023 |
| 9/19/2018 16:30 | 1189800 | 70.181 | 17.234 | 158.089 | 41091.863 | 48248.293 | 31.642 | 32.809 | 24.336 | 1.023 |
| 9/19/2018 16:45 | 1190700 | 70.171 | 17.245 | 158.066 | 41086.328 | 48229.992 | 31.629 | 32.796 | 24.339 | 1.023 |
| 9/19/2018 17:00 | 1191600 | 70.184 | 17.244 | 158.096 | 41078.902 | 48222.504 | 31.624 | 32.791 | 24.343 | 1.023 |
| 9/19/2018 17:15 | 1192500 | 70.165 | 17.24 | 158.054 | 41092.859 | 48243.52 | 31.639 | 32.806 | 24.335 | 1.023 |
| 9/19/2018 17:30 | 1193400 | 70.193 | 17.245 | 158.117 | 41085.406 | 48228.813 | 31.628 | 32.796 | 24.34 | 1.023 |
| 9/19/2018 17:45 | 1194300 | 70.177 | 17.239 | 158.08 | 41045.262 | 48188.586 | 31.598 | 32.768 | 24.363 | 1.023 |
| 9/19/2018 18:00 | 1195200 | 70.184 | 17.251 | 158.097 | 41062.508 | 48196.078 | 31.605 | 32.773 | 24.353 | 1.023 |
| 9/19/2018 18:15 | 1196100 | 70.206 | 17.245 | 158.145 | 41094.172 | 48239.012 | 31.636 | 32.803 | 24.334 | 1.023 |
| 9/19/2018 18:30 | 1197000 | 70.204 | 17.241 | 158.141 | 41129.809 | 48285.379 | 31.669 | 32.834 | 24.313 | 1.023 |
| 9/19/2018 18:45 | 1197900 | 70.193 | 17.251 | 158.117 | 41083.5 | 48220.719 | 31.623 | 32.79 | 24.341 | 1.023 |
| 9/19/2018 19:00 | 1198800 | 70.199 | 17.238 | 158.13 | 41087.887 | 48240.043 | 31.636 | 32.803 | 24.338 | 1.023 |
| 9/19/2018 19:15 | 1199700 | 70.206 | 17.242 | 158.147 | 41053.516 | 48194.957 | 31.603 | 32.773 | 24.358 | 1.023 |
| 9/19/2018 19:30 | 1200600 | 70.21 | 17.249 | 158.154 | 41069.145 | 48206.145 | 31.612 | 32.78 | 24.349 | 1.023 |
| 9/19/2018 19:45 | 1201500 | 70.214 | 17.245 | 158.165 | 41062.742 | 48202.969 | 31.609 | 32.778 | 24.353 | 1.023 |
| 9/19/2018 20:00 | 1202400 | 70.225 | 17.248 | 158.189 | 41043.602 | 48176.352 | 31.59 | 32.76 | 24.364 | 1.023 |
| 9/19/2018 20:15 | 1203300 | 70.225 | 17.24 | 158.188 | 41055.582 | 48199.754 | 31.607 | 32.776 | 24.357 | 1.023 |
| 9/19/2018 20:30 | 1204200 | 70.231 | 17.25 | 158.203 | 41093.34 | 48233.309 | 31.632 | 32.799 | 24.335 | 1.023 |
| 9/19/2018 20:45 | 1205100 | 70.23 | 17.245 | 158.2 | 41073.43 | 48214.941 | 31.618 | 32.786 | 24.347 | 1.023 |
| 9/19/2018 21:00 | 1206000 | 70.229 | 17.241 | 158.198 | 41095.859 | 48245.992 | 31.641 | 32.807 | 24.333 | 1.023 |
| 9/19/2018 21:15 | 1206900 | 70.224 | 17.25 | 158.187 | 41108.746 | 48250.918 | 31.645 | 32.811 | 24.326 | 1.023 |
| 9/19/2018 21:30 | 1207800 | 70.229 | 17.24 | 158.198 | 41052.051 | 48195.133 | 31.603 | 32.773 | 24.359 | 1.023 |
| 9/19/2018 21:45 | 1208700 | 70.227 | 17.238 | 158.194 | 41091.316 | 48243.691 | 31.639 | 32.806 | 24.336 | 1.023 |
| 9/19/2018 22:00 | 1209600 | 70.224 | 17.241 | 158.187 | 41104.797 | 48256.016 | 31.648 | 32.814 | 24.328 | 1.023 |
| 9/19/2018 22:15 | 1210500 | 70.244 | 17.244 | 158.231 | 41072.043 | 48214.164 | 31.618 | 32.786 | 24.347 | 1.023 |
| 9/19/2018 22:30 | 1211400 | 70.23 | 17.24 | 158.2 | 41077.703 | 48225.617 | 31.626 | 32.793 | 24.344 | 1.023 |
| 9/19/2018 22:45 | 1212300 | 70.23 | 17.237 | 158.2 | 41052.496 | 48198.863 | 31.606 | 32.775 | 24.359 | 1.023 |
| 9/19/2018 23:00 | 1213200 | 70.222 | 17.244 | 158.181 | 41117.395 | 48267.883 | 31.657 | 32.822 | 24.321 | 1.023 |
| 9/19/2018 23:15 | 1214100 | 70.212 | 17.246 | 158.158 | 41067.145 | 48206.723 | 31.612 | 32.781 | 24.35 | 1.023 |
| 9/19/2018 23:30 | 1215000 | 70.221 | 17.247 | 158.181 | 41102.563 | 48247.055 | 31.642 | 32.808 | 24.329 | 1.023 |
| 9/19/2018 23:45 | 1215900 | 70.209 | 17.242 | 158.152 | 41094.309 | 48242.949 | 31.638 | 32.805 | 24.334 | 1.023 |
| 9/20/2018 0:00 | 1216800 | 70.201 | 17.239 | 158.134 | 41095.676 | 48247.586 | 31.642 | 32.808 | 24.333 | 1.023 |
| 9/20/2018 0:15 | 1217700 | 70.199 | 17.24 | 158.13 | 41102.844 | 48254.574 | 31.647 | 32.813 | 24.329 | 1.023 |
| 9/20/2018 0:30 | 1218600 | 70.19 | 17.248 | 158.109 | 41074.941 | 48214.063 | 31.618 | 32.786 | 24.346 | 1.023 |
| 9/20/2018 0:45 | 1219500 | 70.191 | 17.251 | 158.113 | 41077.605 | 48213.039 | 31.617 | 32.785 | 24.344 | 1.023 |
| 9/20/2018 1:00 | 1220400 | 70.172 | 17.238 | 158.07 | 41058.445 | 48205.367 | 31.611 | 32.78 | 24.356 | 1.023 |
| 9/20/2018 1:15 | 1221300 | 70.18 | 17.241 | 158.086 | 41039.297 | 48179.777 | 31.592 | 32.762 | 24.367 | 1.023 |
| 9/20/2018 1:30 | 1222200 | 70.166 | 17.248 | 158.055 | 41101.547 | 48245.102 | 31.64 | 32.807 | 24.33 | 1.023 |
| 9/20/2018 1:45 | 1223100 | 70.145 | 17.234 | 158.008 | 41084.156 | 48239.242 | 31.635 | 32.803 | 24.34 | 1.023 |
| 9/20/2018 2:00 | 1224000 | 70.143 | 17.238 | 158.003 | 41095.715 | 48248.375 | 31.642 | 32.809 | 24.333 | 1.023 |
| 9/20/2018 2:15 | 1224900 | 70.133 | 17.246 | 157.98 | 41101.895 | 48247.215 | 31.642 | 32.808 | 24.33 | 1.023 |
| 9/20/2018 2:30 | 1225800 | 70.128 | 17.247 | 157.969 | 41066.445 | 48204.574 | 31.611 | 32.779 | 24.351 | 1.023 |
| 9/20/2018 2:45 | 1226700 | 70.134 | 17.238 | 157.985 | 41076.496 | 48225.813 | 31.626 | 32.794 | 24.345 | 1.023 |
| 9/20/2018 3:00 | 1227600 | 70.118 | 17.237 | 157.949 | 41075.375 | 48226.293 | 31.622 | 32.794 | 24.345 | 1.023 |
| 9/20/2018 3:15 | 1228500 | 70.122 | 17.24 | 157.956 | 41073.141 | 48220.371 | 31.626 | 32.79 | 24.347 | 1.023 |
| 9/20/2018 3:30 | 1229400 | 70.121 | 17.241 | 157.955 | 41158.063 | 48318.738 | 31.694 | 32.857 | 24.297 | 1.023 |
| 9/20/2018 3:45 | 1230300 | 70.099 | 17.246 | 157.905 | 41082.68 | 48224.77 | 31.625 | 32.793 | 24.341 | 1.023 |
| 9/20/2018 4:00 | 1231200 | 70.103 | 17.242 | 157.914 | 41108.457 | 48259.93 | 31.651 | 32.817 | 24.326 | 1.023 |
| 9/20/2018 4:15 | 1232100 | 70.094 | 17.24 | 157.894 | 41106.164 | 48258.758 | 31.65 | 32.816 | 24.327 | 1.023 |
| 9/20/2018 4:30 | 1233000 | 70.101 | 17.246 | 157.908 | 41097.527 | 48242.199 | 31.638 | 32.805 | 24.332 | 1.023 |
| 9/20/2018 4:45 | 1233900 | 70.083 | 17.241 | 157.869 | 41072.523 | 48218.027 | 31.62 | 32.788 | 24.347 | 1.023 |
| 9/20/2018 5:00 | 1234800 | 70.082 | 17.245 | 157.867 | 41075.246 | 48217.172 | 31.62 | 32.788 | 24.346 | 1.023 |
| 9/20/2018 5:15 | 1235700 | 70.079 | 17.231 | 157.86 | 41073.012 | 48230.129 | 31.628 | 32.796 | 24.347 | 1.023 |
| 9/20/2018 5:30 | 1236600 | 70.091 | 17.243 | 157.887 | 41100.184 | 48248.238 | 31.642 | 32.809 | 24.331 | 1.023 |
| 9/20/2018 5:45 | 1237500 | 70.086 | 17.244 | 157.876 | 41068.813 | 48210.281 | 31.615 | 32.783 | 24.349 | 1.023 |
| 9/20/2018 6:00 | 1238400 | 70.085 | 17.238 | 157.874 | 41083.746 | 48234.324 | 31.632 | 32.799 | 24.341 | 1.023 |
| 9/20/2018 6:15 | 1239300 | 70.083 | 17.241 | 157.869 | 41064.625 | 48208.855 | 31.613 | 32.782 | 24.352 | 1.023 |
| 9/20/2018 6:30 | 1240200 | 70.082 | 17.246 | 157.867 | 41111.414 | 48258.688 | 31.65 | 32.816 | 24.324 | 1.023 |
| 9/20/2018 6:45 | 1241100 | 70.09 | 17.243 | 157.884 | 41069.504 | 48212.504 | 31.616 | 32.785 | 24.349 | 1.023 |
| 9/20/2018 7:00 | 1242000 | 70.106 | 17.24 | 157.921 | 41074.664 | 48221.777 | 31.623 | 32.791 | 24.346 | 1.023 |
| 9/20/2018 7:15 | 1242900 | 70.1 | 17.246 | 157.908 | 41108.23 | 48254.949 | 31.647 | 32.813 | 24.326 | 1.023 |
| 9/20/2018 7:30 | 1243800 | 70.114 | 17.241 | 157.939 | 41085.672 | 48234.031 | 31.632 | 32.799 | 24.339 | 1.023 |
| 9/20/2018 7:45 | 1244700 | 70.109 | 17.248 | 157.927 | 41053.941 | 48189.414 | 31.6 | 32.769 | 24.358 | 1.023 |
| 9/20/2018 8:00 | 1245600 | 70.117 | 17.244 | 157.946 | 41062.742 | 48203.996 | 31.61 | 32.779 | 24.353 | 1.023 |
| 9/20/2018 8:15 | 1246500 | 70.122 | 17.241 | 157.956 | 41106.652 | 48258.574 | 31.65 | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|----------|--------|-------|
| 9/21/2018 7:00 | 1328400 | 70.086 | 17.243 | 157.876 | 41094.473 | 48242.293 | 31.638 | 32.805 | 24.334 | 1.023 |
| 9/21/2018 7:15 | 1329300 | 70.082 | 17.233 | 157.867 | 41084.094 | 48240.969 | 31.636 | 32.804 | 24.34 | 1.023 |
| 9/21/2018 7:30 | 1330200 | 70.09 | 17.241 | 157.885 | 41101.801 | 48253.066 | 31.646 | 32.812 | 24.33 | 1.023 |
| 9/21/2018 7:45 | 1331100 | 70.094 | 17.24 | 157.893 | 41074.188 | 48221.309 | 31.622 | 32.79 | 24.346 | 1.023 |
| 9/21/2018 8:00 | 1332000 | 70.112 | 17.24 | 157.935 | 41070.813 | 48217.91 | 31.622 | 32.788 | 24.348 | 1.023 |
| 9/21/2018 8:15 | 1332900 | 70.106 | 17.242 | 157.921 | 41082.703 | 48229.137 | 31.628 | 32.796 | 24.341 | 1.023 |
| 9/21/2018 8:30 | 1333800 | 70.101 | 17.239 | 157.909 | 41089.262 | 48240.434 | 31.636 | 32.803 | 24.337 | 1.023 |
| 9/21/2018 8:45 | 1334700 | 70.109 | 17.241 | 157.927 | 41137.18 | 48293.746 | 31.676 | 32.84 | 24.309 | 1.023 |
| 9/21/2018 9:00 | 1335600 | 70.111 | 17.247 | 157.931 | 41079.168 | 48219.32 | 31.621 | 32.789 | 24.343 | 1.023 |
| 9/21/2018 9:15 | 1336500 | 70.119 | 17.239 | 157.95 | 41072.5 | 48220.754 | 31.622 | 32.79 | 24.347 | 1.023 |
| 9/21/2018 9:30 | 1337400 | 70.119 | 17.243 | 157.95 | 41108.766 | 48258.883 | 31.65 | 32.816 | 24.326 | 1.023 |
| 9/21/2018 9:45 | 1338300 | 70.125 | 17.243 | 157.964 | 41088.551 | 48235.344 | 31.633 | 32.8 | 24.338 | 1.023 |
| 9/21/2018 10:00 | 1339200 | 70.134 | 17.242 | 157.985 | 41088.078 | 48235.637 | 31.633 | 32.8 | 24.338 | 1.023 |
| 9/21/2018 10:15 | 1340100 | 70.141 | 17.244 | 157.999 | 41094.855 | 48241.613 | 31.638 | 32.804 | 24.334 | 1.023 |
| 9/21/2018 10:30 | 1341000 | 70.141 | 17.245 | 157.999 | 41090.844 | 48235.105 | 31.633 | 32.8 | 24.336 | 1.023 |
| 9/21/2018 10:45 | 1341900 | 70.145 | 17.24 | 158.008 | 41099.445 | 48251.063 | 31.644 | 32.811 | 24.331 | 1.023 |
| 9/21/2018 11:00 | 1342800 | 70.145 | 17.25 | 158.021 | 41067.547 | 48202.461 | 31.609 | 32.778 | 24.35 | 1.023 |
| 9/21/2018 11:15 | 1343700 | 70.149 | 17.246 | 158.018 | 41057.93 | 48195.418 | 31.604 | 32.773 | 24.356 | 1.023 |
| 9/21/2018 11:30 | 1344600 | 70.162 | 17.233 | 158.046 | 41023.797 | 48169.508 | 31.584 | 32.755 | 24.376 | 1.023 |
| 9/21/2018 11:45 | 1345500 | 70.18 | 17.246 | 158.087 | 41103.676 | 48249.797 | 31.644 | 32.81 | 24.329 | 1.023 |
| 9/21/2018 12:00 | 1346400 | 70.174 | 17.243 | 158.075 | 41093.648 | 48240.758 | 31.637 | 32.804 | 24.335 | 1.023 |
| 9/21/2018 12:15 | 1347300 | 70.182 | 17.24 | 158.093 | 41088.941 | 48238.73 | 31.635 | 32.802 | 24.337 | 1.023 |
| 9/21/2018 12:30 | 1348200 | 70.159 | 17.233 | 158.04 | 41052.336 | 48202.828 | 31.609 | 32.778 | 24.359 | 1.023 |
| 9/21/2018 12:45 | 1349100 | 70.159 | 17.238 | 158.04 | 41046.516 | 48191.359 | 31.6 | 32.77 | 24.363 | 1.023 |
| 9/21/2018 13:00 | 1350000 | 70.159 | 17.244 | 158.04 | 41132.48 | 48285.113 | 31.669 | 32.834 | 24.312 | 1.023 |
| 9/21/2018 13:15 | 1350900 | 70.167 | 17.237 | 158.059 | 41096.348 | 48251.008 | 31.644 | 32.811 | 24.333 | 1.023 |
| 9/21/2018 13:30 | 1351800 | 70.162 | 17.245 | 158.046 | 41073.41 | 48215.492 | 31.618 | 32.787 | 24.347 | 1.023 |
| 9/21/2018 13:45 | 1352700 | 70.155 | 17.247 | 158.031 | 41076.008 | 48216.074 | 31.619 | 32.787 | 24.345 | 1.023 |
| 9/21/2018 14:00 | 1353600 | 70.18 | 17.239 | 158.086 | 41071.105 | 48219.117 | 31.621 | 32.789 | 24.348 | 1.023 |
| 9/21/2018 14:15 | 1354500 | 70.158 | 17.24 | 158.038 | 41078.289 | 48226.125 | 31.626 | 32.794 | 24.344 | 1.023 |
| 9/21/2018 14:30 | 1355400 | 70.156 | 17.239 | 158.033 | 41090.766 | 48242.012 | 31.638 | 32.805 | 24.336 | 1.023 |
| 9/21/2018 14:45 | 1356300 | 70.158 | 17.236 | 158.038 | 41050.008 | 48197.078 | 31.605 | 32.774 | 24.361 | 1.023 |
| 9/21/2018 15:00 | 1357200 | 70.171 | 17.241 | 158.068 | 41087.574 | 48236.453 | 31.634 | 32.801 | 24.338 | 1.023 |
| 9/21/2018 15:15 | 1358100 | 70.145 | 17.238 | 158.008 | 41040.008 | 48183.262 | 31.595 | 32.765 | 24.366 | 1.023 |
| 9/21/2018 15:30 | 1359000 | 70.145 | 17.246 | 158.008 | 41090.352 | 48234.156 | 31.632 | 32.799 | 24.337 | 1.023 |
| 9/21/2018 15:45 | 1359900 | 70.149 | 17.239 | 158.017 | 41107.367 | 48261.016 | 31.651 | 32.817 | 24.327 | 1.023 |
| 9/21/2018 16:00 | 1360800 | 70.146 | 17.236 | 158.012 | 41096.395 | 48251.629 | 31.644 | 32.811 | 24.333 | 1.023 |
| 9/21/2018 16:15 | 1361700 | 70.142 | 17.243 | 158.002 | 41093.223 | 48240.918 | 31.637 | 32.804 | 24.335 | 1.023 |
| 9/21/2018 16:30 | 1362600 | 70.138 | 17.231 | 157.993 | 41066.141 | 48221.301 | 31.622 | 32.79 | 24.351 | 1.023 |
| 9/21/2018 16:45 | 1363500 | 70.156 | 17.237 | 158.033 | 41083.398 | 48235.617 | 31.633 | 32.8 | 24.341 | 1.023 |
| 9/21/2018 17:00 | 1364400 | 70.141 | 17.247 | 157.999 | 41068.801 | 48207.426 | 31.613 | 32.781 | 24.349 | 1.023 |
| 9/21/2018 17:15 | 1365300 | 70.147 | 17.245 | 158.012 | 41049.836 | 48187.625 | 31.598 | 32.768 | 24.361 | 1.023 |
| 9/21/2018 17:30 | 1366200 | 70.146 | 17.236 | 158.012 | 41072.137 | 48223.34 | 31.624 | 32.792 | 24.347 | 1.023 |
| 9/21/2018 17:45 | 1367100 | 70.147 | 17.243 | 158.012 | 41126.57 | 48279.684 | 31.665 | 32.83 | 24.315 | 1.023 |
| 9/21/2018 18:00 | 1368000 | 70.147 | 17.245 | 158.014 | 41099.305 | 48245.785 | 31.641 | 32.807 | 24.331 | 1.023 |
| 9/21/2018 18:15 | 1368900 | 70.164 | 17.245 | 158.052 | 41075.883 | 48218.293 | 31.621 | 32.788 | 24.345 | 1.023 |
| 9/21/2018 18:30 | 1369800 | 70.149 | 17.231 | 158.018 | 41059.633 | 48213.469 | 31.616 | 32.785 | 24.355 | 1.023 |
| 9/21/2018 18:45 | 1370700 | 70.156 | 17.238 | 158.034 | 41101.453 | 48255.113 | 31.647 | 32.813 | 24.33 | 1.023 |
| 9/21/2018 19:00 | 1371600 | 70.171 | 17.246 | 158.068 | 41053.922 | 48191.57 | 31.601 | 32.77 | 24.358 | 1.023 |
| 9/21/2018 19:15 | 1372500 | 70.159 | 17.237 | 158.04 | 41059.867 | 48208.273 | 31.613 | 32.782 | 24.355 | 1.023 |
| 9/21/2018 19:30 | 1373400 | 70.175 | 17.243 | 158.075 | 41061.836 | 48203.602 | 31.61 | 32.778 | 24.354 | 1.023 |
| 9/21/2018 19:45 | 1374300 | 70.168 | 17.24 | 158.061 | 41072.984 | 48219.707 | 31.621 | 32.789 | 24.347 | 1.023 |
| 9/21/2018 20:00 | 1375200 | 70.181 | 17.235 | 158.089 | 41070.172 | 48222.359 | 31.623 | 32.791 | 24.349 | 1.023 |
| 9/21/2018 20:15 | 1376100 | 70.177 | 17.244 | 158.08 | 41071.523 | 48214.223 | 31.618 | 32.786 | 24.348 | 1.023 |
| 9/21/2018 20:30 | 1377000 | 70.179 | 17.239 | 158.086 | 41063.625 | 48210.039 | 31.614 | 32.783 | 24.352 | 1.023 |
| 9/21/2018 20:45 | 1377900 | 70.208 | 17.244 | 158.151 | 41091.938 | 48238.27 | 31.635 | 32.802 | 24.336 | 1.023 |
| 9/21/2018 21:00 | 1378800 | 70.206 | 17.242 | 158.146 | 41074.895 | 48220.43 | 31.622 | 32.79 | 24.346 | 1.023 |
| 9/21/2018 21:15 | 1379700 | 70.213 | 17.244 | 158.161 | 41077.008 | 48220.281 | 31.622 | 32.79 | 24.345 | 1.023 |
| 9/21/2018 21:30 | 1380600 | 70.224 | 17.249 | 158.186 | 41081.711 | 48220.598 | 31.622 | 32.79 | 24.342 | 1.023 |
| 9/21/2018 21:45 | 1381500 | 70.205 | 17.241 | 158.143 | 41100.699 | 48251.484 | 31.645 | 32.811 | 24.33 | 1.023 |
| 9/21/2018 22:00 | 1382400 | 70.215 | 17.245 | 158.167 | 41061.07 | 48200.715 | 31.608 | 32.776 | 24.354 | 1.023 |
| 9/21/2018 22:15 | 1383300 | 70.231 | 17.238 | 158.203 | 41079.621 | 48229.668 | 31.628 | 32.796 | 24.343 | 1.023 |
| 9/21/2018 22:30 | 1384200 | 70.238 | 17.245 | 158.219 | 41064.797 | 48205.09 | 31.611 | 32.779 | 24.352 | 1.023 |
| 9/21/2018 22:45 | 1385100 | 70.225 | 17.244 | 158.189 | 41089.391 | 48235.379 | 31.633 | 32.8 | 24.337 | 1.023 |
| 9/21/2018 23:00 | 1386000 | 70.218 | 17.24 | 158.173 | 41078.328 | 48225.699 | 31.626 | 32.793 | 24.344 | 1.023 |
| 9/21/2018 23:15 | 1386900 | 70.24 | 17.244 | 158.223 | 41073 | 48215.199 | 31.618 | 32.786 | 24.347 | 1.023 |
| 9/21/2018 23:30 | 1387800 | 70.22 | 17.238 | 158.177 | 41067.551 | 48216.246 | 31.619 | 32.787 | 24.35 | 1.023 |
| 9/21/2018 23:45 | 1388700 | 70.225 | 17.237 | 158.189 | 41067.805 | 48217.496 | 31.619 | 32.788 | 24.35 | 1.023 |
| 9/22/2018 0:00 | 1389600 | 70.237 | 17.243 | 158.215 | 41094.785 | 48242.66 | 31.638 | 32.805 | 24.334 | 1.023 |
| 9/22/2018 0:15 | 1390500 | 70.214 | 17.238 | 158.163 | 41106.07 | 48261.473 | 31.652 | 32.818 | 24.327 | 1.023 |
| 9/22/2018 0:30 | 1391400 | 70.214 | 17.238 | 158.163 | 41089.359 | 48241.852 | 31.637 | 32.804 | 24.337 | 1.023 |
| 9/22/2018 0:45 | 1392300 | 70.21 | 17.237 | 158.154 | 41056.488 | 48204.309 | 31.61 | 32.779 | 24.357 | 1.023 |
| 9/22/2018 1:00 | 1393200 | 70.213 | 17.242 | 158.161 | 41061.324 | 48204.313 | 31.61 | 32.779 | 24.354 | 1.023 |
| 9/22/2018 1:15 | 1394100 | 70.196 | 17.241 | 158.122 | 41092.402 | 48241.844 | 31.638 | 32.804 | 24.335 | 1.023 |
| 9/22/2018 1:30 | 1395000 | 70.193 | 17.236 | 158.116 | 41121.836 | 48281.691 | 31.666 | 32.832 | 24.318 | 1.023 |
| 9/22/2018 1:45 | 1395900 | 70.185 | 17.239 | 158.099 | 41100.379 | 48253.297 | 31.646 | 32.812 | 24.331 | 1.023 |
| 9/22/2018 2:00 | 1396800 | 70.169 | 17.249 | 158.063 | 41100.801 | 48243.004 | 31.639 | 32.805 | 24.33 | 1.023 |
| 9/22/2018 2:15 | 1397700 | 70.162 | 17.24 | 158.047 | 41040.512 | 48181.395 | 31.593 | 32.763 | 24.366 | 1.023 |
| 9/22/2018 2:30 | 1398600 | 70.159 | 17.246 | 158.04 | 41102.988 | 48248.23 | 31.643 | 32.809 | 24.329 | 1.023 |
| 9/22/2018 2:45 | 1399500 | 70.159 | 17.244 | 158.041 | 41100.195 | 48247.59 | 31.642 | 32.808 | 24.331 | 1.023 |
| 9/22/2018 3:00 | 1400400 | 70.146 | 17.238 | 158.012 | 41052.695 | 48198.426 | 31.606 | 32.775 | 24.359 | 1.023 |
| 9/22/2018 3:15 | 1401300 | 70.144 | 17.238 | 158.005 | 41040.5 | 48184.488 | 31.595 | 32.765 | 24.366 | 1.023 |
| 9/22/2018 3:30 | 1402200 | 70.129 | 17.242 | 157.973 | 41085.82 | 48232.879 | 31.631 | 32.798 | 24.339 | 1.023 |
| 9/22/2018 3:45 | 1403100 | 70.122 | 17.239 | 157.957 | 41095.109 | 48247 | 31.641 | 32.808 | 24.334 | 1.023 |
| 9/22/2018 4:00 | 1404000 | 70.134 | 17.245 | 157.984 | 41058.672 | 48197.527 | 31.605 | 32.774 | 24.355 | 1.023 |
| 9/22/2018 4:15 | 1404900 | 70.105 | 17.243 | 157.918 | 41094.137 | 48242.078 | 31.638 | 32.805 | 24.334 | 1.023 |
| 9/22/2018 4:30 | 1405800 | 70.108 | 17.245 | 157.924 | 41090.684 | 48234.82 | 31.633 | 32.8 | 24.336 | 1.023 |
| 9/22/2018 4:45 | 1406700 | 70.103 | 17.242 | 157.914 | 41092.773 | 48241.043 | 31.637 | 32.804</ | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/23/2018 3:30 | 1488600 | 70.15 | 17.248 | 158.019 | 41091.688 | 48233.637 | 31.632 | 32.799 | 24.336 | 1.023 |
| 9/23/2018 3:45 | 1489500 | 70.159 | 17.242 | 158.039 | 41101.777 | 48251.719 | 31.645 | 32.811 | 24.33 | 1.023 |
| 9/23/2018 4:00 | 1490400 | 70.133 | 17.246 | 157.98 | 41073.047 | 48213.648 | 31.617 | 32.785 | 24.347 | 1.023 |
| 9/23/2018 4:15 | 1491300 | 70.125 | 17.238 | 157.964 | 41056.502 | 48201.684 | 31.608 | 32.777 | 24.356 | 1.023 |
| 9/23/2018 4:30 | 1492200 | 70.123 | 17.238 | 157.959 | 41090.051 | 48242.098 | 31.638 | 32.805 | 24.337 | 1.023 |
| 9/23/2018 4:45 | 1493100 | 70.112 | 17.238 | 157.934 | 41094.914 | 48247.434 | 31.641 | 32.808 | 24.334 | 1.023 |
| 9/23/2018 5:00 | 1494000 | 70.107 | 17.25 | 157.924 | 41129.934 | 48275.785 | 31.663 | 32.828 | 24.313 | 1.023 |
| 9/23/2018 5:15 | 1494900 | 70.101 | 17.249 | 157.909 | 41084.441 | 48223.506 | 31.625 | 32.792 | 24.34 | 1.023 |
| 9/23/2018 5:30 | 1495800 | 70.103 | 17.247 | 157.914 | 41086.973 | 48229.242 | 31.629 | 32.796 | 24.339 | 1.023 |
| 9/23/2018 5:45 | 1496700 | 70.1 | 17.244 | 157.908 | 41078.633 | 48222.648 | 31.624 | 32.791 | 24.344 | 1.023 |
| 9/23/2018 6:00 | 1497600 | 70.085 | 17.244 | 157.874 | 41060.582 | 48201.379 | 31.608 | 32.777 | 24.354 | 1.023 |
| 9/23/2018 6:15 | 1498500 | 70.086 | 17.242 | 157.875 | 41065.012 | 48208.738 | 31.613 | 32.782 | 24.352 | 1.023 |
| 9/23/2018 6:30 | 1499400 | 70.089 | 17.245 | 157.881 | 41079.809 | 48222.711 | 31.624 | 32.791 | 24.343 | 1.023 |
| 9/23/2018 6:45 | 1500300 | 70.085 | 17.249 | 157.874 | 41096.328 | 48237.563 | 31.635 | 32.802 | 24.333 | 1.023 |
| 9/23/2018 7:00 | 1501200 | 70.093 | 17.239 | 157.892 | 41053.613 | 48198.582 | 31.606 | 32.775 | 24.358 | 1.023 |
| 9/23/2018 7:15 | 1502100 | 70.081 | 17.24 | 157.864 | 41101.168 | 48252.605 | 31.645 | 32.812 | 24.33 | 1.023 |
| 9/23/2018 7:30 | 1503000 | 70.083 | 17.234 | 157.868 | 41040.359 | 48188.309 | 31.598 | 32.768 | 24.366 | 1.023 |
| 9/23/2018 7:45 | 1503900 | 70.083 | 17.238 | 157.869 | 41067.289 | 48215.098 | 31.618 | 32.786 | 24.35 | 1.023 |
| 9/23/2018 8:00 | 1504800 | 70.094 | 17.247 | 157.894 | 41101.152 | 48245.695 | 31.641 | 32.807 | 24.33 | 1.023 |
| 9/23/2018 8:15 | 1505700 | 70.108 | 17.247 | 157.925 | 41083.59 | 48225.352 | 31.626 | 32.793 | 24.341 | 1.023 |
| 9/23/2018 8:30 | 1506600 | 70.096 | 17.243 | 157.899 | 41059.523 | 48200.598 | 31.608 | 32.776 | 24.355 | 1.023 |
| 9/23/2018 8:45 | 1507500 | 70.103 | 17.233 | 157.913 | 41108.277 | 48269.176 | 31.657 | 32.823 | 24.326 | 1.023 |
| 9/23/2018 9:00 | 1508400 | 70.109 | 17.245 | 157.927 | 41075.168 | 48217.453 | 31.62 | 32.788 | 24.346 | 1.023 |
| 9/23/2018 9:15 | 1509300 | 70.122 | 17.237 | 157.956 | 41078.531 | 48229.617 | 31.628 | 32.796 | 24.344 | 1.023 |
| 9/23/2018 9:30 | 1510200 | 70.119 | 17.232 | 157.95 | 41062.801 | 48216.637 | 31.619 | 32.787 | 24.353 | 1.023 |
| 9/23/2018 9:45 | 1511100 | 70.126 | 17.235 | 157.965 | 41066.344 | 48217.758 | 31.62 | 32.788 | 24.351 | 1.023 |
| 9/23/2018 10:00 | 1512000 | 70.143 | 17.246 | 158.003 | 41088.715 | 48231.477 | 31.63 | 32.797 | 24.338 | 1.023 |
| 9/23/2018 10:15 | 1512900 | 70.132 | 17.239 | 157.98 | 41103.168 | 48256.086 | 31.648 | 32.814 | 24.329 | 1.023 |
| 9/23/2018 10:30 | 1513800 | 70.145 | 17.238 | 158.008 | 41058.207 | 48204.711 | 31.61 | 32.779 | 24.356 | 1.023 |
| 9/23/2018 10:45 | 1514700 | 70.15 | 17.241 | 158.021 | 41073.863 | 48219.98 | 31.622 | 32.79 | 24.346 | 1.023 |
| 9/23/2018 11:00 | 1515600 | 70.173 | 17.247 | 158.072 | 41078.992 | 48219.113 | 31.621 | 32.789 | 24.343 | 1.023 |
| 9/23/2018 11:15 | 1516500 | 70.167 | 17.245 | 158.057 | 41145.594 | 48299.465 | 31.68 | 32.844 | 24.304 | 1.023 |
| 9/23/2018 11:30 | 1517400 | 70.172 | 17.241 | 158.07 | 41094.742 | 48244.492 | 31.639 | 32.806 | 24.334 | 1.023 |
| 9/23/2018 11:45 | 1518300 | 70.181 | 17.233 | 158.089 | 41052.223 | 48202.613 | 31.608 | 32.778 | 24.359 | 1.023 |
| 9/23/2018 12:00 | 1519200 | 70.178 | 17.238 | 158.082 | 41108.219 | 48263.426 | 31.653 | 32.819 | 24.326 | 1.023 |
| 9/23/2018 12:15 | 1520100 | 70.19 | 17.234 | 158.109 | 41097.551 | 48255.543 | 31.647 | 32.814 | 24.332 | 1.023 |
| 9/23/2018 12:30 | 1521000 | 70.204 | 17.233 | 158.142 | 41069.918 | 48218.188 | 31.62 | 32.788 | 24.349 | 1.023 |
| 9/23/2018 12:45 | 1521900 | 70.184 | 17.238 | 158.096 | 41075.754 | 48230.988 | 31.629 | 32.797 | 24.345 | 1.023 |
| 9/23/2018 13:00 | 1522800 | 70.19 | 17.238 | 158.111 | 41092.555 | 48244.762 | 31.64 | 32.806 | 24.335 | 1.023 |
| 9/23/2018 13:15 | 1523700 | 70.189 | 17.238 | 158.109 | 41054.703 | 48200.703 | 31.607 | 32.776 | 24.358 | 1.023 |
| 9/23/2018 13:30 | 1524600 | 70.208 | 17.241 | 158.151 | 41088.18 | 48236.695 | 31.634 | 32.801 | 24.338 | 1.023 |
| 9/23/2018 13:45 | 1525500 | 70.196 | 17.236 | 158.123 | 41079.051 | 48231.367 | 31.63 | 32.797 | 24.343 | 1.023 |
| 9/23/2018 14:00 | 1526400 | 70.193 | 17.232 | 158.117 | 41077.637 | 48234.137 | 31.631 | 32.799 | 24.344 | 1.023 |
| 9/23/2018 14:15 | 1527300 | 70.193 | 17.245 | 158.116 | 41086.797 | 48231.012 | 31.63 | 32.797 | 24.339 | 1.023 |
| 9/23/2018 14:30 | 1528200 | 70.19 | 17.238 | 158.111 | 41088.988 | 48240.848 | 31.637 | 32.804 | 24.337 | 1.023 |
| 9/23/2018 14:45 | 1529100 | 70.208 | 17.247 | 158.151 | 41086.379 | 48228.543 | 31.628 | 32.795 | 24.339 | 1.023 |
| 9/23/2018 15:00 | 1530000 | 70.189 | 17.242 | 158.109 | 41039.625 | 48178.188 | 31.591 | 32.761 | 24.367 | 1.023 |
| 9/23/2018 15:15 | 1530900 | 70.182 | 17.241 | 158.092 | 41077.887 | 48224.324 | 31.625 | 32.793 | 24.344 | 1.023 |
| 9/23/2018 15:30 | 1531800 | 70.178 | 17.244 | 158.082 | 41063.254 | 48204.406 | 31.61 | 32.779 | 24.353 | 1.023 |
| 9/23/2018 15:45 | 1532700 | 70.18 | 17.245 | 158.088 | 41082.246 | 48225.203 | 31.626 | 32.793 | 24.341 | 1.023 |
| 9/23/2018 16:00 | 1533600 | 70.175 | 17.243 | 158.077 | 41078.309 | 48223.223 | 31.624 | 32.792 | 24.344 | 1.023 |
| 9/23/2018 16:15 | 1534500 | 70.172 | 17.242 | 158.068 | 41064.383 | 48207.441 | 31.612 | 32.781 | 24.352 | 1.023 |
| 9/23/2018 16:30 | 1535400 | 70.169 | 17.248 | 158.063 | 41056.445 | 48191.617 | 31.601 | 32.77 | 24.357 | 1.023 |
| 9/23/2018 16:45 | 1536300 | 70.162 | 17.233 | 158.047 | 41079.141 | 48234.492 | 31.632 | 32.799 | 24.343 | 1.023 |
| 9/23/2018 17:00 | 1537200 | 70.163 | 17.23 | 158.05 | 41098.031 | 48260.078 | 31.65 | 32.817 | 24.332 | 1.023 |
| 9/23/2018 17:15 | 1538100 | 70.162 | 17.243 | 158.047 | 41074.723 | 48219.109 | 31.621 | 32.789 | 24.346 | 1.023 |
| 9/23/2018 17:30 | 1539000 | 70.162 | 17.238 | 158.047 | 41085.762 | 48236.688 | 31.634 | 32.801 | 24.339 | 1.023 |
| 9/23/2018 17:45 | 1539900 | 70.158 | 17.235 | 158.039 | 41092.625 | 48248.156 | 31.642 | 32.809 | 24.335 | 1.023 |
| 9/23/2018 18:00 | 1540800 | 70.159 | 17.24 | 158.04 | 41096.5 | 48247.688 | 31.642 | 32.808 | 24.333 | 1.023 |
| 9/23/2018 18:15 | 1541700 | 70.166 | 17.235 | 158.055 | 41075.289 | 48227.801 | 31.627 | 32.795 | 24.346 | 1.023 |
| 9/23/2018 18:30 | 1542600 | 70.167 | 17.24 | 158.059 | 41110.934 | 48264.633 | 31.654 | 32.82 | 24.324 | 1.023 |
| 9/23/2018 18:45 | 1543500 | 70.167 | 17.237 | 158.059 | 41120.578 | 48279.172 | 31.665 | 32.83 | 24.319 | 1.023 |
| 9/23/2018 19:00 | 1544400 | 70.169 | 17.232 | 158.063 | 41057.16 | 48203.297 | 31.609 | 32.778 | 24.356 | 1.023 |
| 9/23/2018 19:15 | 1545300 | 70.177 | 17.238 | 158.08 | 41078.684 | 48235.367 | 31.632 | 32.8 | 24.344 | 1.023 |
| 9/23/2018 19:30 | 1546200 | 70.175 | 17.244 | 158.076 | 41100.238 | 48247.363 | 31.642 | 32.808 | 24.331 | 1.023 |
| 9/23/2018 19:45 | 1547100 | 70.183 | 17.24 | 158.094 | 41097.586 | 48248.777 | 31.643 | 32.809 | 24.332 | 1.023 |
| 9/23/2018 20:00 | 1548000 | 70.199 | 17.242 | 158.13 | 41092.641 | 48241.363 | 31.637 | 32.804 | 24.335 | 1.023 |
| 9/23/2018 20:15 | 1548900 | 70.188 | 17.242 | 158.106 | 41142.016 | 48298.957 | 31.679 | 32.843 | 24.306 | 1.023 |
| 9/23/2018 20:30 | 1549800 | 70.191 | 17.232 | 158.112 | 41065.574 | 48219.891 | 31.621 | 32.79 | 24.351 | 1.023 |
| 9/23/2018 20:45 | 1550700 | 70.209 | 17.238 | 158.152 | 41125.488 | 48283.703 | 31.668 | 32.833 | 24.316 | 1.023 |
| 9/23/2018 21:00 | 1551600 | 70.208 | 17.231 | 158.15 | 41082.113 | 48240.055 | 31.636 | 32.803 | 24.341 | 1.023 |
| 9/23/2018 21:15 | 1552500 | 70.221 | 17.239 | 158.18 | 41061.633 | 48207.32 | 31.612 | 32.781 | 24.354 | 1.023 |
| 9/23/2018 21:30 | 1553400 | 70.22 | 17.24 | 158.177 | 41083.852 | 48232.184 | 31.63 | 32.798 | 24.34 | 1.023 |
| 9/23/2018 21:45 | 1554300 | 70.246 | 17.238 | 158.235 | 41048.996 | 48193.816 | 31.602 | 32.772 | 24.361 | 1.023 |
| 9/23/2018 22:00 | 1555200 | 70.247 | 17.244 | 158.239 | 41099.602 | 48246.707 | 31.641 | 32.808 | 24.331 | 1.023 |
| 9/23/2018 22:15 | 1556100 | 70.247 | 17.24 | 158.238 | 41090.695 | 48240.871 | 31.637 | 32.804 | 24.336 | 1.023 |
| 9/23/2018 22:30 | 1557000 | 70.263 | 17.237 | 158.275 | 41050.922 | 48197.773 | 31.605 | 32.774 | 24.36 | 1.023 |
| 9/23/2018 22:45 | 1557900 | 70.26 | 17.236 | 158.267 | 41067.766 | 48217.641 | 31.62 | 32.788 | 24.35 | 1.023 |
| 9/23/2018 23:00 | 1558800 | 70.281 | 17.24 | 158.315 | 41081.738 | 48229.895 | 31.629 | 32.796 | 24.342 | 1.023 |
| 9/23/2018 23:15 | 1559700 | 70.268 | 17.238 | 158.286 | 41076.074 | 48225.223 | 31.625 | 32.793 | 24.345 | 1.023 |
| 9/23/2018 23:30 | 1560600 | 70.272 | 17.244 | 158.294 | 41045.547 | 48183.73 | 31.595 | 32.765 | 24.363 | 1.023 |
| 9/23/2018 23:45 | 1561500 | 70.272 | 17.243 | 158.294 | 41101.598 | 48250.09 | 31.644 | 32.81 | 24.33 | 1.023 |
| 9/24/2018 0:00 | 1562400 | 70.282 | 17.248 | 158.316 | 41083.598 | 48224.031 | 31.625 | 32.792 | 24.341 | 1.023 |
| 9/24/2018 0:15 | 1563300 | 70.282 | 17.241 | 158.317 | 41110.211 | 48262.273 | 31.653 | 32.818 | 24.325 | 1.023 |
| 9/24/2018 0:30 | 1564200 | 70.289 | 17.235 | 158.332 | 41108.789 | 48267.703 | 31.656 | 32.822 | 24.326 | 1.023 |
| 9/24/2018 0:45 | 1565100 | 70.276 | 17.238 | 158.303 | 41059.777 | 48206.281 | 31.611 | 32.78 | 24.355 | 1.023 |
| 9/24/2018 1:00 | 1566000 | 70.283 | 17.239 | 158.318 | 41095.852 | 48247.875 | 31.642 | 32.809 | 24.333 | 1.023 |
| 9/24/2018 1:15 | 1566900 | 70.291 | 17.246 | 158.337 | 41095.414 | 48239.527 | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/25/2018 0:00 | 1648800 | 70.297 | 17.244 | 158.351 | 41089.879 | 48235.953 | 31.633 | 32.8 | 24.337 | 1.023 |
| 9/25/2018 0:15 | 1649700 | 70.296 | 17.245 | 158.349 | 41134.887 | 48287.367 | 31.671 | 32.835 | 24.31 | 1.023 |
| 9/25/2018 0:30 | 1650600 | 70.321 | 17.238 | 158.404 | 41100.285 | 48254.488 | 31.647 | 32.813 | 24.331 | 1.023 |
| 9/25/2018 0:45 | 1651500 | 70.309 | 17.238 | 158.378 | 41056.344 | 48203.008 | 31.609 | 32.778 | 24.357 | 1.023 |
| 9/25/2018 1:00 | 1652400 | 70.323 | 17.243 | 158.408 | 41074.469 | 48218.617 | 31.621 | 32.789 | 24.346 | 1.023 |
| 9/25/2018 1:15 | 1653300 | 70.309 | 17.238 | 158.378 | 41080.215 | 48240.957 | 31.636 | 32.804 | 24.343 | 1.023 |
| 9/25/2018 1:30 | 1654200 | 70.311 | 17.237 | 158.383 | 41064.371 | 48213.082 | 31.616 | 32.785 | 24.352 | 1.023 |
| 9/25/2018 1:45 | 1655100 | 70.309 | 17.238 | 158.378 | 41086.297 | 48237.316 | 31.634 | 32.801 | 24.339 | 1.023 |
| 9/25/2018 2:00 | 1656000 | 70.3 | 17.238 | 158.357 | 41079.535 | 48230.129 | 31.629 | 32.796 | 24.343 | 1.023 |
| 9/25/2018 2:15 | 1656900 | 70.302 | 17.233 | 158.361 | 41091.996 | 48249.871 | 31.643 | 32.81 | 24.336 | 1.023 |
| 9/25/2018 2:30 | 1657800 | 70.303 | 17.248 | 158.365 | 41091.426 | 48233.328 | 31.632 | 32.799 | 24.336 | 1.023 |
| 9/25/2018 2:45 | 1658700 | 70.298 | 17.239 | 158.352 | 41098.207 | 48251.113 | 31.644 | 32.811 | 24.332 | 1.023 |
| 9/25/2018 3:00 | 1659600 | 70.291 | 17.233 | 158.336 | 41084.102 | 48240.699 | 31.636 | 32.804 | 24.34 | 1.023 |
| 9/25/2018 3:15 | 1660500 | 70.281 | 17.238 | 158.316 | 41079.75 | 48229.633 | 31.628 | 32.796 | 24.343 | 1.023 |
| 9/25/2018 3:30 | 1661400 | 70.282 | 17.23 | 158.317 | 41075.996 | 48233.82 | 31.631 | 32.799 | 24.345 | 1.023 |
| 9/25/2018 3:45 | 1662300 | 70.276 | 17.234 | 158.305 | 41068.82 | 48221.996 | 31.623 | 32.791 | 24.349 | 1.023 |
| 9/25/2018 4:00 | 1663200 | 70.268 | 17.234 | 158.285 | 41104.016 | 48262.668 | 31.652 | 32.819 | 24.329 | 1.023 |
| 9/25/2018 4:15 | 1664100 | 70.259 | 17.237 | 158.264 | 41070.074 | 48220.07 | 31.621 | 32.79 | 24.349 | 1.023 |
| 9/25/2018 4:30 | 1665000 | 70.255 | 17.246 | 158.255 | 41115.527 | 48263.41 | 31.654 | 32.819 | 24.322 | 1.023 |
| 9/25/2018 4:45 | 1665900 | 70.262 | 17.244 | 158.271 | 41135.848 | 48289.164 | 31.672 | 32.837 | 24.31 | 1.023 |
| 9/25/2018 5:00 | 1666800 | 70.253 | 17.243 | 158.252 | 41089.516 | 48235.613 | 31.633 | 32.8 | 24.337 | 1.023 |
| 9/25/2018 5:15 | 1667700 | 70.242 | 17.241 | 158.228 | 41087.082 | 48235.309 | 31.633 | 32.8 | 24.339 | 1.023 |
| 9/25/2018 5:30 | 1668600 | 70.243 | 17.242 | 158.228 | 41097.598 | 48246.895 | 31.641 | 32.808 | 24.332 | 1.023 |
| 9/25/2018 5:45 | 1669500 | 70.22 | 17.25 | 158.177 | 41071.105 | 48207.02 | 31.613 | 32.781 | 24.348 | 1.023 |
| 9/25/2018 6:00 | 1670400 | 70.216 | 17.244 | 158.169 | 41077.418 | 48221.145 | 31.623 | 32.79 | 24.344 | 1.023 |
| 9/25/2018 6:15 | 1671300 | 70.221 | 17.244 | 158.181 | 41050.523 | 48189.094 | 31.599 | 32.769 | 24.36 | 1.023 |
| 9/25/2018 6:30 | 1672200 | 70.205 | 17.243 | 158.143 | 41124.652 | 48277.816 | 31.664 | 32.829 | 24.316 | 1.023 |
| 9/25/2018 6:45 | 1673100 | 70.203 | 17.245 | 158.138 | 41103.699 | 48251.047 | 31.645 | 32.811 | 24.329 | 1.023 |
| 9/25/2018 7:00 | 1674000 | 70.191 | 17.245 | 158.112 | 41064.371 | 48204.969 | 31.611 | 32.779 | 24.352 | 1.023 |
| 9/25/2018 7:15 | 1674900 | 70.196 | 17.238 | 158.123 | 41091.984 | 48244.285 | 31.639 | 32.806 | 24.336 | 1.023 |
| 9/25/2018 7:30 | 1675800 | 70.199 | 17.231 | 158.131 | 41069.867 | 48226.531 | 31.626 | 32.794 | 24.349 | 1.023 |
| 9/25/2018 7:45 | 1676700 | 70.194 | 17.244 | 158.12 | 41078.094 | 48221.746 | 31.623 | 32.791 | 24.344 | 1.023 |
| 9/25/2018 8:00 | 1677600 | 70.199 | 17.24 | 158.131 | 41072.133 | 48219.188 | 31.621 | 32.789 | 24.347 | 1.023 |
| 9/25/2018 8:15 | 1678500 | 70.187 | 17.241 | 158.103 | 41095.953 | 48245.82 | 31.64 | 32.807 | 24.333 | 1.023 |
| 9/25/2018 8:30 | 1679400 | 70.196 | 17.232 | 158.122 | 41073.445 | 48229.324 | 31.628 | 32.796 | 24.347 | 1.023 |
| 9/25/2018 8:45 | 1680300 | 70.199 | 17.237 | 158.131 | 41051.953 | 48198.223 | 31.605 | 32.775 | 24.359 | 1.023 |
| 9/25/2018 9:00 | 1681200 | 70.199 | 17.23 | 158.131 | 41053.699 | 48208.02 | 31.612 | 32.781 | 24.358 | 1.023 |
| 9/25/2018 9:15 | 1682100 | 70.212 | 17.235 | 158.159 | 41110.137 | 48268.719 | 31.657 | 32.823 | 24.325 | 1.023 |
| 9/25/2018 9:30 | 1683000 | 70.214 | 17.244 | 158.165 | 41090.168 | 48235.922 | 31.633 | 32.8 | 24.337 | 1.023 |
| 9/25/2018 9:45 | 1683900 | 70.225 | 17.24 | 158.188 | 41080.121 | 48228.273 | 31.628 | 32.795 | 24.343 | 1.023 |
| 9/25/2018 10:00 | 1684800 | 70.22 | 17.239 | 158.177 | 41118.984 | 48274.57 | 31.661 | 32.827 | 24.32 | 1.023 |
| 9/25/2018 10:15 | 1685700 | 70.222 | 17.241 | 158.181 | 41101.227 | 48252.012 | 31.645 | 32.811 | 24.33 | 1.023 |
| 9/25/2018 10:30 | 1686600 | 70.229 | 17.241 | 158.198 | 41085.652 | 48233.633 | 31.632 | 32.799 | 24.339 | 1.023 |
| 9/25/2018 10:45 | 1687500 | 70.231 | 17.23 | 158.202 | 41090.965 | 48251.5 | 31.644 | 32.811 | 24.336 | 1.023 |
| 9/25/2018 11:00 | 1688400 | 70.258 | 17.241 | 158.262 | 41094.234 | 48243.426 | 31.639 | 32.806 | 24.334 | 1.023 |
| 9/25/2018 11:15 | 1689300 | 70.243 | 17.228 | 158.229 | 41116.707 | 48284.379 | 31.668 | 32.833 | 24.321 | 1.023 |
| 9/25/2018 11:30 | 1690200 | 70.265 | 17.255 | 158.278 | 41113.789 | 48251.457 | 31.645 | 32.811 | 24.323 | 1.023 |
| 9/25/2018 11:45 | 1691100 | 70.25 | 17.251 | 158.245 | 41071.121 | 48206 | 31.612 | 32.78 | 24.348 | 1.023 |
| 9/25/2018 12:00 | 1692000 | 70.26 | 17.233 | 158.268 | 41081.324 | 48237.82 | 31.634 | 32.802 | 24.342 | 1.023 |
| 9/25/2018 12:15 | 1692900 | 70.271 | 17.251 | 158.291 | 41080.406 | 48216.898 | 31.62 | 32.787 | 24.343 | 1.023 |
| 9/25/2018 12:30 | 1693800 | 70.264 | 17.245 | 158.276 | 41106.949 | 48254.668 | 31.647 | 32.813 | 24.327 | 1.023 |
| 9/25/2018 12:45 | 1694700 | 70.277 | 17.246 | 158.307 | 41071.359 | 48211.566 | 31.616 | 32.784 | 24.348 | 1.023 |
| 9/25/2018 13:00 | 1695600 | 70.284 | 17.238 | 158.321 | 41088.23 | 48240.445 | 31.636 | 32.804 | 24.338 | 1.023 |
| 9/25/2018 13:15 | 1696500 | 70.269 | 17.241 | 158.289 | 41048.117 | 48189.941 | 31.6 | 32.769 | 24.362 | 1.023 |
| 9/25/2018 13:30 | 1697400 | 70.288 | 17.245 | 158.33 | 41063.215 | 48203.523 | 31.61 | 32.778 | 24.353 | 1.023 |
| 9/25/2018 13:45 | 1698300 | 70.278 | 17.229 | 158.308 | 41082.914 | 48243.555 | 31.638 | 32.806 | 24.341 | 1.023 |
| 9/25/2018 14:00 | 1699200 | 70.272 | 17.239 | 158.296 | 41057.07 | 48202.152 | 31.608 | 32.777 | 24.356 | 1.023 |
| 9/25/2018 14:15 | 1700100 | 70.276 | 17.235 | 158.304 | 41072.992 | 48225.191 | 31.625 | 32.793 | 24.347 | 1.023 |
| 9/25/2018 14:30 | 1701000 | 70.272 | 17.235 | 158.294 | 41049.598 | 48198.395 | 31.605 | 32.775 | 24.361 | 1.023 |
| 9/25/2018 14:45 | 1701900 | 70.277 | 17.239 | 158.306 | 41051.781 | 48196.242 | 31.604 | 32.773 | 24.359 | 1.023 |
| 9/25/2018 15:00 | 1702800 | 70.284 | 17.241 | 158.323 | 41071.504 | 48217.398 | 31.62 | 32.788 | 24.348 | 1.023 |
| 9/25/2018 15:15 | 1703700 | 70.279 | 17.238 | 158.31 | 41066.664 | 48214.367 | 31.617 | 32.786 | 24.351 | 1.023 |
| 9/25/2018 15:30 | 1704600 | 70.26 | 17.236 | 158.267 | 41100.859 | 48256.785 | 31.648 | 32.815 | 24.33 | 1.023 |
| 9/25/2018 15:45 | 1705500 | 70.251 | 17.25 | 158.248 | 41062.77 | 48196.855 | 31.605 | 32.774 | 24.353 | 1.023 |
| 9/25/2018 16:00 | 1706400 | 70.258 | 17.232 | 158.263 | 41080.996 | 48238.273 | 31.634 | 32.802 | 24.342 | 1.023 |
| 9/25/2018 16:15 | 1707300 | 70.239 | 17.246 | 158.22 | 41051.203 | 48187.711 | 31.598 | 32.768 | 24.36 | 1.023 |
| 9/25/2018 16:30 | 1708200 | 70.257 | 17.241 | 158.261 | 41100.93 | 48252.047 | 31.645 | 32.811 | 24.33 | 1.023 |
| 9/25/2018 16:45 | 1709100 | 70.235 | 17.238 | 158.211 | 41044.586 | 48188.824 | 31.599 | 32.768 | 24.364 | 1.023 |
| 9/25/2018 17:00 | 1710000 | 70.233 | 17.241 | 158.206 | 41104.59 | 48255.676 | 31.648 | 32.814 | 24.328 | 1.023 |
| 9/25/2018 17:15 | 1710900 | 70.219 | 17.246 | 158.176 | 41106.547 | 48253.168 | 31.646 | 32.812 | 24.327 | 1.023 |
| 9/25/2018 17:30 | 1711800 | 70.216 | 17.237 | 158.169 | 41082.43 | 48234.004 | 31.632 | 32.799 | 24.341 | 1.023 |
| 9/25/2018 17:45 | 1712700 | 70.223 | 17.252 | 158.184 | 41092.672 | 48230.152 | 31.63 | 32.797 | 24.335 | 1.023 |
| 9/25/2018 18:00 | 1713600 | 70.211 | 17.239 | 158.157 | 41065.156 | 48211.754 | 31.615 | 32.784 | 24.352 | 1.023 |
| 9/25/2018 18:15 | 1714500 | 70.209 | 17.237 | 158.152 | 41084.895 | 48236.898 | 31.634 | 32.801 | 24.34 | 1.023 |
| 9/25/2018 18:30 | 1715400 | 70.197 | 17.239 | 158.126 | 41054.254 | 48199.035 | 31.606 | 32.775 | 24.358 | 1.023 |
| 9/25/2018 18:45 | 1716300 | 70.197 | 17.233 | 158.126 | 41087.398 | 48244.852 | 31.639 | 32.807 | 24.338 | 1.023 |
| 9/25/2018 19:00 | 1717200 | 70.208 | 17.238 | 158.151 | 41102.145 | 48255.922 | 31.648 | 32.814 | 24.33 | 1.023 |
| 9/25/2018 19:15 | 1718100 | 70.201 | 17.242 | 158.134 | 41080.773 | 48227.43 | 31.627 | 32.795 | 24.342 | 1.023 |
| 9/25/2018 19:30 | 1719000 | 70.204 | 17.238 | 158.142 | 41073.227 | 48222.453 | 31.623 | 32.791 | 24.347 | 1.023 |
| 9/25/2018 19:45 | 1719900 | 70.189 | 17.231 | 158.108 | 41090.043 | 48250.035 | 31.643 | 32.81 | 24.337 | 1.023 |
| 9/25/2018 20:00 | 1720800 | 70.203 | 17.246 | 158.138 | 41094.727 | 48239.293 | 31.636 | 32.803 | 24.334 | 1.023 |
| 9/25/2018 20:15 | 1721700 | 70.188 | 17.239 | 158.105 | 41090.422 | 48241.973 | 31.637 | 32.805 | 24.337 | 1.023 |
| 9/25/2018 20:30 | 1722600 | 70.189 | 17.248 | 158.108 | 41060.523 | 48197.055 | 31.605 | 32.774 | 24.354 | 1.023 |
| 9/25/2018 20:45 | 1723500 | 70.189 | 17.239 | 158.108 | 41115.27 | 48270.59 | 31.658 | 32.824 | 24.322 | 1.023 |
| 9/25/2018 21:00 | 1724400 | 70.19 | 17.24 | 158.111 | 41084.414 | 48233.316 | 31.631 | 32.799 | 24.34 | 1.023 |
| 9/25/2018 21:15 | 1725300 | 70.191 | 17.242 | 158.112 | 41115.137 | 48267.102 | 31.656 | 32.822 | 24.322 | 1.023 |
| 9/25/2018 21:30 | 1726200 | 70.224 | 17.241 | 158.186 | 41109.887 | 48261.703 | 31.652 | 32.818 | 24.325 | 1.023 |
| 9/25/2018 21:45 | 1727100 | 70.212 | 17.238 | 158.159 | 41080.121 | 48230.438 | 31.629 | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/26/2018 20:30 | 1809000 | 70.178 | 17.237 | 158.082 | 41083.316 | 48235.137 | 31.632 | 32.8 | 24.341 | 1.023 |
| 9/26/2018 20:45 | 1809900 | 70.176 | 17.237 | 158.078 | 41119.473 | 48277.496 | 31.663 | 32.829 | 24.319 | 1.023 |
| 9/26/2018 21:00 | 1810800 | 70.182 | 17.241 | 158.091 | 41084.527 | 48232.5 | 31.631 | 32.798 | 24.34 | 1.023 |
| 9/26/2018 21:15 | 1811700 | 70.181 | 17.236 | 158.089 | 41063.836 | 48219.573 | 31.617 | 32.786 | 24.352 | 1.023 |
| 9/26/2018 21:30 | 1812600 | 70.177 | 17.249 | 158.08 | 41065.93 | 48201.613 | 31.609 | 32.777 | 24.351 | 1.023 |
| 9/26/2018 21:45 | 1813500 | 70.198 | 17.244 | 158.129 | 41093.055 | 48239.582 | 31.636 | 32.803 | 24.335 | 1.023 |
| 9/26/2018 22:00 | 1814400 | 70.19 | 17.238 | 158.111 | 41064.684 | 48212.039 | 31.616 | 32.784 | 24.352 | 1.023 |
| 9/26/2018 22:15 | 1815300 | 70.188 | 17.236 | 158.106 | 41080.176 | 48233.16 | 31.631 | 32.799 | 24.343 | 1.023 |
| 9/26/2018 22:30 | 1816200 | 70.189 | 17.246 | 158.108 | 41080.746 | 48222.773 | 31.624 | 32.791 | 24.342 | 1.023 |
| 9/26/2018 22:45 | 1817100 | 70.192 | 17.235 | 158.114 | 41077.465 | 48230.445 | 31.629 | 32.797 | 24.344 | 1.023 |
| 9/26/2018 23:00 | 1818000 | 70.197 | 17.239 | 158.127 | 41065.793 | 48213.395 | 31.616 | 32.784 | 24.351 | 1.023 |
| 9/26/2018 23:15 | 1818900 | 70.197 | 17.24 | 158.125 | 41090.625 | 48240.227 | 31.636 | 32.803 | 24.336 | 1.023 |
| 9/26/2018 23:30 | 1819800 | 70.205 | 17.245 | 158.143 | 41074.34 | 48216.672 | 31.619 | 32.787 | 24.346 | 1.023 |
| 9/26/2018 23:45 | 1820700 | 70.217 | 17.24 | 158.17 | 41063.527 | 48208.793 | 31.613 | 32.782 | 24.353 | 1.023 |
| 9/27/2018 0:00 | 1821600 | 70.22 | 17.239 | 158.177 | 41083.645 | 48233.648 | 31.631 | 32.799 | 24.341 | 1.023 |
| 9/27/2018 0:15 | 1822500 | 70.225 | 17.235 | 158.188 | 41069.305 | 48221.152 | 31.622 | 32.79 | 24.349 | 1.023 |
| 9/27/2018 0:30 | 1823400 | 70.224 | 17.233 | 158.187 | 41065.316 | 48218.355 | 31.62 | 32.788 | 24.351 | 1.023 |
| 9/27/2018 0:45 | 1824300 | 70.23 | 17.238 | 158.201 | 41071.195 | 48219.957 | 31.621 | 32.79 | 24.348 | 1.023 |
| 9/27/2018 1:00 | 1825200 | 70.237 | 17.241 | 158.216 | 41111.25 | 48263.781 | 31.654 | 32.819 | 24.324 | 1.023 |
| 9/27/2018 1:15 | 1826100 | 70.234 | 17.233 | 158.21 | 41070.766 | 48224.387 | 31.624 | 32.793 | 24.348 | 1.023 |
| 9/27/2018 1:30 | 1827000 | 70.26 | 17.232 | 158.267 | 41094.582 | 48254.227 | 31.646 | 32.813 | 24.334 | 1.023 |
| 9/27/2018 1:45 | 1827900 | 70.252 | 17.242 | 158.249 | 41070.637 | 48217.43 | 31.62 | 32.788 | 24.348 | 1.023 |
| 9/27/2018 2:00 | 1828800 | 70.252 | 17.241 | 158.249 | 41053.613 | 48196.207 | 31.604 | 32.773 | 24.358 | 1.023 |
| 9/27/2018 2:15 | 1829700 | 70.261 | 17.241 | 158.271 | 41048.777 | 48190.906 | 31.6 | 32.77 | 24.361 | 1.023 |
| 9/27/2018 2:30 | 1830600 | 70.256 | 17.242 | 158.258 | 41118.277 | 48271.359 | 31.659 | 32.825 | 24.32 | 1.023 |
| 9/27/2018 2:45 | 1831500 | 70.261 | 17.241 | 158.271 | 41071.152 | 48217.086 | 31.619 | 32.788 | 24.348 | 1.023 |
| 9/27/2018 3:00 | 1832400 | 70.261 | 17.238 | 158.271 | 41046.031 | 48190.523 | 31.6 | 32.77 | 24.363 | 1.023 |
| 9/27/2018 3:15 | 1833300 | 70.277 | 17.245 | 158.305 | 41098.289 | 48243.746 | 31.639 | 32.806 | 24.332 | 1.023 |
| 9/27/2018 3:30 | 1834200 | 70.246 | 17.243 | 158.237 | 41126.711 | 48279.949 | 31.666 | 32.83 | 24.315 | 1.023 |
| 9/27/2018 3:45 | 1835100 | 70.251 | 17.246 | 158.247 | 41045.477 | 48180.988 | 31.593 | 32.763 | 24.363 | 1.023 |
| 9/27/2018 4:00 | 1836000 | 70.251 | 17.237 | 158.247 | 41086.355 | 48238.434 | 31.635 | 32.802 | 24.339 | 1.023 |
| 9/27/2018 4:15 | 1836900 | 70.242 | 17.238 | 158.226 | 41093.68 | 48246.277 | 31.641 | 32.807 | 24.335 | 1.023 |
| 9/27/2018 4:30 | 1837800 | 70.252 | 17.23 | 158.249 | 41134.188 | 48302.82 | 31.681 | 32.846 | 24.311 | 1.023 |
| 9/27/2018 4:45 | 1838700 | 70.259 | 17.244 | 158.264 | 41068.551 | 48210.914 | 31.615 | 32.783 | 24.35 | 1.023 |
| 9/27/2018 5:00 | 1839600 | 70.237 | 17.238 | 158.216 | 41076.566 | 48226.453 | 31.626 | 32.794 | 24.345 | 1.023 |
| 9/27/2018 5:15 | 1840500 | 70.231 | 17.233 | 158.201 | 41122.93 | 48285.719 | 31.669 | 32.834 | 24.317 | 1.023 |
| 9/27/2018 5:30 | 1841400 | 70.233 | 17.24 | 158.206 | 41091.988 | 48241.738 | 31.637 | 32.804 | 24.336 | 1.023 |
| 9/27/2018 5:45 | 1842300 | 70.23 | 17.233 | 158.2 | 41099.773 | 48259.379 | 31.65 | 32.816 | 24.331 | 1.023 |
| 9/27/2018 6:00 | 1843200 | 70.219 | 17.24 | 158.174 | 41081.23 | 48229.758 | 31.629 | 32.796 | 24.342 | 1.023 |
| 9/27/2018 6:15 | 1844100 | 70.214 | 17.233 | 158.165 | 41065.648 | 48219.219 | 31.621 | 32.789 | 24.351 | 1.023 |
| 9/27/2018 6:30 | 1845000 | 70.206 | 17.244 | 158.146 | 41080.02 | 48224.008 | 31.625 | 32.792 | 24.343 | 1.023 |
| 9/27/2018 6:45 | 1845900 | 70.203 | 17.246 | 158.138 | 41063.313 | 48201.656 | 31.608 | 32.777 | 24.353 | 1.023 |
| 9/27/2018 7:00 | 1846800 | 70.207 | 17.238 | 158.147 | 41094.152 | 48247.02 | 31.641 | 32.808 | 24.334 | 1.023 |
| 9/27/2018 7:15 | 1847700 | 70.198 | 17.24 | 158.127 | 41081.887 | 48230.531 | 31.629 | 32.797 | 24.342 | 1.023 |
| 9/27/2018 7:30 | 1848600 | 70.204 | 17.242 | 158.14 | 41080.586 | 48228.539 | 31.628 | 32.795 | 24.342 | 1.023 |
| 9/27/2018 7:45 | 1849500 | 70.205 | 17.242 | 158.143 | 41087.836 | 48235.246 | 31.633 | 32.8 | 24.338 | 1.023 |
| 9/27/2018 8:00 | 1850400 | 70.197 | 17.233 | 158.126 | 41062.699 | 48215.281 | 31.618 | 32.786 | 24.353 | 1.023 |
| 9/27/2018 8:15 | 1851300 | 70.205 | 17.239 | 158.143 | 41055.801 | 48200.473 | 31.607 | 32.776 | 24.357 | 1.023 |
| 9/27/2018 8:30 | 1852200 | 70.196 | 17.238 | 158.123 | 41062.098 | 48209.004 | 31.613 | 32.782 | 24.353 | 1.023 |
| 9/27/2018 8:45 | 1853100 | 70.196 | 17.234 | 158.122 | 41080.676 | 48235.918 | 31.633 | 32.8 | 24.342 | 1.023 |
| 9/27/2018 9:00 | 1854000 | 70.191 | 17.241 | 158.112 | 41080.871 | 48228.496 | 31.628 | 32.795 | 24.342 | 1.023 |
| 9/27/2018 9:15 | 1854900 | 70.214 | 17.239 | 158.164 | 41087.809 | 48238.539 | 31.635 | 32.802 | 24.338 | 1.023 |
| 9/27/2018 9:30 | 1855800 | 70.202 | 17.235 | 158.136 | 41052.168 | 48200.656 | 31.607 | 32.776 | 24.359 | 1.023 |
| 9/27/2018 9:45 | 1856700 | 70.199 | 17.239 | 158.131 | 41070.023 | 48217.66 | 31.62 | 32.788 | 24.349 | 1.023 |
| 9/27/2018 10:00 | 1857600 | 70.221 | 17.238 | 158.181 | 41101.715 | 48256.168 | 31.648 | 32.814 | 24.33 | 1.023 |
| 9/27/2018 10:15 | 1858500 | 70.208 | 17.242 | 158.151 | 41090.871 | 48238.348 | 31.635 | 32.802 | 24.336 | 1.023 |
| 9/27/2018 10:30 | 1859400 | 70.222 | 17.24 | 158.181 | 41101.922 | 48253.68 | 31.646 | 32.813 | 24.33 | 1.023 |
| 9/27/2018 10:45 | 1860300 | 70.229 | 17.241 | 158.198 | 41083.023 | 48230.641 | 31.629 | 32.797 | 24.341 | 1.023 |
| 9/27/2018 11:00 | 1861200 | 70.236 | 17.23 | 158.214 | 41065.387 | 48221.555 | 31.622 | 32.791 | 24.351 | 1.023 |
| 9/27/2018 11:15 | 1862100 | 70.242 | 17.242 | 158.226 | 41072.082 | 48216.289 | 31.619 | 32.787 | 24.347 | 1.023 |
| 9/27/2018 11:30 | 1863000 | 70.243 | 17.244 | 158.23 | 41073.668 | 48216.742 | 31.619 | 32.787 | 24.346 | 1.023 |
| 9/27/2018 11:45 | 1863900 | 70.25 | 17.243 | 158.244 | 41083.863 | 48229.457 | 31.629 | 32.796 | 24.34 | 1.023 |
| 9/27/2018 12:00 | 1864800 | 70.259 | 17.242 | 158.265 | 41088.688 | 48236.625 | 31.634 | 32.801 | 24.338 | 1.023 |
| 9/27/2018 12:15 | 1865700 | 70.268 | 17.241 | 158.286 | 41081.629 | 48229.199 | 31.628 | 32.796 | 24.342 | 1.023 |
| 9/27/2018 12:30 | 1866600 | 70.277 | 17.233 | 158.307 | 41079.457 | 48234.863 | 31.632 | 32.8 | 24.343 | 1.023 |
| 9/27/2018 12:45 | 1867500 | 70.276 | 17.243 | 158.303 | 41099.449 | 48247.379 | 31.642 | 32.808 | 24.331 | 1.023 |
| 9/27/2018 13:00 | 1868400 | 70.282 | 17.246 | 158.316 | 41076.332 | 48217.211 | 31.62 | 32.788 | 24.345 | 1.023 |
| 9/27/2018 13:15 | 1869300 | 70.288 | 17.241 | 158.331 | 41090.52 | 48239.344 | 31.636 | 32.803 | 24.337 | 1.023 |
| 9/27/2018 13:30 | 1870200 | 70.29 | 17.235 | 158.336 | 41087.613 | 48242.73 | 31.638 | 32.805 | 24.338 | 1.023 |
| 9/27/2018 13:45 | 1871100 | 70.303 | 17.234 | 158.365 | 41076.281 | 48230.566 | 31.629 | 32.797 | 24.345 | 1.023 |
| 9/27/2018 14:00 | 1872000 | 70.32 | 17.24 | 158.403 | 41091.008 | 48240.777 | 31.637 | 32.804 | 24.336 | 1.023 |
| 9/27/2018 14:15 | 1872900 | 70.327 | 17.248 | 158.417 | 41090.969 | 48232.141 | 31.631 | 32.798 | 24.336 | 1.023 |
| 9/27/2018 14:30 | 1873800 | 70.313 | 17.233 | 158.386 | 41108.422 | 48268.875 | 31.657 | 32.823 | 24.326 | 1.023 |
| 9/27/2018 14:45 | 1874700 | 70.303 | 17.24 | 158.365 | 41089.441 | 48238.746 | 31.635 | 32.802 | 24.337 | 1.023 |
| 9/27/2018 15:00 | 1875600 | 70.308 | 17.233 | 158.376 | 41112.168 | 48273.934 | 31.661 | 32.826 | 24.324 | 1.023 |
| 9/27/2018 15:15 | 1876500 | 70.305 | 17.239 | 158.369 | 41104.77 | 48258.074 | 31.649 | 32.815 | 24.328 | 1.023 |
| 9/27/2018 15:30 | 1877400 | 70.304 | 17.238 | 158.366 | 41121.777 | 48279.266 | 31.665 | 32.83 | 24.318 | 1.023 |
| 9/27/2018 15:45 | 1878300 | 70.3 | 17.242 | 158.358 | 41104.656 | 48254.531 | 31.647 | 32.813 | 24.328 | 1.023 |
| 9/27/2018 16:00 | 1879200 | 70.297 | 17.241 | 158.351 | 41093.711 | 48243.188 | 31.639 | 32.805 | 24.335 | 1.023 |
| 9/27/2018 16:15 | 1880100 | 70.296 | 17.239 | 158.35 | 41077.625 | 48226.098 | 31.626 | 32.794 | 24.344 | 1.023 |
| 9/27/2018 16:30 | 1881000 | 70.306 | 17.237 | 158.371 | 41068.789 | 48218.465 | 31.62 | 32.789 | 24.349 | 1.023 |
| 9/27/2018 16:45 | 1881900 | 70.297 | 17.248 | 158.351 | 41124.344 | 48272.051 | 31.66 | 32.825 | 24.316 | 1.023 |
| 9/27/2018 17:00 | 1882800 | 70.276 | 17.239 | 158.305 | 41097.688 | 48249.949 | 31.643 | 32.81 | 24.332 | 1.023 |
| 9/27/2018 17:15 | 1883700 | 70.272 | 17.236 | 158.296 | 41098.18 | 48253.914 | 31.646 | 32.813 | 24.332 | 1.023 |
| 9/27/2018 17:30 | 1884600 | 70.258 | 17.236 | 158.264 | 41072.402 | 48223.461 | 31.624 | 32.792 | 24.347 | 1.023 |
| 9/27/2018 17:45 | 1885500 | 70.251 | 17.232 | 158.248 | 41050.563 | 48202.348 | 31.608 | 32.778 | 24.36 | 1.023 |
| 9/27/2018 18:00 | 1886400 | 70.241 | 17.245 | 158.225 | 41069.387 | 48209.918 | 31.614 | 32.783 | 24.349 | 1.023 |
| 9/27/2018 18:15 | 1887300 | 70.233 | 17.25 | 158.206 | 41099.637 | 48240.035 | 31.637 | 32.8 | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/28/2018 17:00 | 1969200 | 70.309 | 17.244 | 158.378 | 41046.535 | 48184.223 | 31.596 | 32.765 | 24.363 | 1.023 |
| 9/28/2018 17:15 | 1970100 | 70.313 | 17.236 | 158.388 | 41073.883 | 48224.918 | 31.625 | 32.793 | 24.346 | 1.023 |
| 9/28/2018 17:30 | 1971000 | 70.297 | 17.248 | 158.351 | 41120.41 | 48266.59 | 31.656 | 32.821 | 24.319 | 1.023 |
| 9/28/2018 17:45 | 1971900 | 70.292 | 17.245 | 158.34 | 41067.508 | 48208.09 | 31.613 | 32.782 | 24.35 | 1.023 |
| 9/28/2018 18:00 | 1972800 | 70.282 | 17.245 | 158.318 | 41119.695 | 48269.914 | 31.658 | 32.824 | 24.319 | 1.023 |
| 9/28/2018 18:15 | 1973700 | 70.287 | 17.244 | 158.327 | 41059.078 | 48199.695 | 31.607 | 32.776 | 24.355 | 1.023 |
| 9/28/2018 18:30 | 1974600 | 70.263 | 17.243 | 158.275 | 41086.086 | 48232.066 | 31.631 | 32.798 | 24.339 | 1.023 |
| 9/28/2018 18:45 | 1975500 | 70.255 | 17.243 | 158.255 | 41106.043 | 48256.055 | 31.648 | 32.814 | 24.327 | 1.023 |
| 9/28/2018 19:00 | 1976400 | 70.242 | 17.236 | 158.226 | 41102.277 | 48258.16 | 31.649 | 32.816 | 24.33 | 1.023 |
| 9/28/2018 19:15 | 1977300 | 70.24 | 17.234 | 158.223 | 41058.73 | 48209.309 | 31.613 | 32.782 | 24.355 | 1.023 |
| 9/28/2018 19:30 | 1978200 | 70.246 | 17.237 | 158.236 | 41086.301 | 48238.738 | 31.635 | 32.802 | 24.339 | 1.023 |
| 9/28/2018 19:45 | 1979100 | 70.219 | 17.237 | 158.176 | 41121.441 | 48279.625 | 31.665 | 32.83 | 24.318 | 1.023 |
| 9/28/2018 20:00 | 1980000 | 70.225 | 17.24 | 158.189 | 41140.637 | 48299.691 | 31.68 | 32.844 | 24.307 | 1.023 |
| 9/28/2018 20:15 | 1980900 | 70.201 | 17.243 | 158.134 | 41090.051 | 48236.242 | 31.634 | 32.801 | 24.337 | 1.023 |
| 9/28/2018 20:30 | 1981800 | 70.202 | 17.24 | 158.136 | 41073.98 | 48221.066 | 31.622 | 32.79 | 24.346 | 1.023 |
| 9/28/2018 20:45 | 1982700 | 70.192 | 17.229 | 158.114 | 41102.156 | 48265.68 | 31.654 | 32.821 | 24.33 | 1.023 |
| 9/28/2018 21:00 | 1983600 | 70.188 | 17.245 | 158.106 | 41102.473 | 48248.656 | 31.643 | 32.809 | 24.329 | 1.023 |
| 9/28/2018 21:15 | 1984500 | 70.182 | 17.236 | 158.092 | 41093.527 | 48248.074 | 31.642 | 32.809 | 24.335 | 1.023 |
| 9/28/2018 21:30 | 1985400 | 70.182 | 17.243 | 158.091 | 41107.121 | 48256.664 | 31.649 | 32.815 | 24.327 | 1.023 |
| 9/28/2018 21:45 | 1986300 | 70.179 | 17.24 | 158.085 | 41083.852 | 48232.754 | 31.631 | 32.798 | 24.34 | 1.023 |
| 9/28/2018 22:00 | 1987200 | 70.168 | 17.239 | 158.06 | 41105.391 | 48259.453 | 31.65 | 32.816 | 24.328 | 1.023 |
| 9/28/2018 22:15 | 1988100 | 70.182 | 17.239 | 158.091 | 41081 | 48230.059 | 31.629 | 32.796 | 24.342 | 1.023 |
| 9/28/2018 22:30 | 1989000 | 70.192 | 17.236 | 158.115 | 41050.25 | 48202.262 | 31.608 | 32.778 | 24.36 | 1.023 |
| 9/28/2018 22:45 | 1989900 | 70.167 | 17.232 | 158.059 | 41090.891 | 48245.082 | 31.64 | 32.807 | 24.336 | 1.023 |
| 9/28/2018 23:00 | 1990800 | 70.175 | 17.234 | 158.075 | 41061.652 | 48212.738 | 31.616 | 32.785 | 24.354 | 1.023 |
| 9/28/2018 23:15 | 1991700 | 70.18 | 17.238 | 158.086 | 41082.855 | 48234.133 | 31.632 | 32.799 | 24.341 | 1.023 |
| 9/28/2018 23:30 | 1992600 | 70.185 | 17.239 | 158.098 | 41078.594 | 48228.086 | 31.627 | 32.795 | 24.344 | 1.023 |
| 9/28/2018 23:45 | 1993500 | 70.17 | 17.237 | 158.064 | 41076.438 | 48227.348 | 31.627 | 32.795 | 24.345 | 1.023 |
| 9/29/2018 0:00 | 1994400 | 70.183 | 17.228 | 158.095 | 41105.723 | 48271.672 | 31.659 | 32.825 | 24.328 | 1.023 |
| 9/29/2018 0:15 | 1995300 | 70.177 | 17.224 | 158.08 | 41097.422 | 48248.586 | 31.642 | 32.809 | 24.332 | 1.023 |
| 9/29/2018 0:30 | 1996200 | 70.181 | 17.237 | 158.089 | 41072.098 | 48221.691 | 31.623 | 32.791 | 24.347 | 1.023 |
| 9/29/2018 0:45 | 1997100 | 70.198 | 17.242 | 158.129 | 41076.059 | 48221.336 | 31.623 | 32.791 | 24.345 | 1.023 |
| 9/29/2018 1:00 | 1998000 | 70.199 | 17.237 | 158.13 | 41084.965 | 48236.98 | 31.634 | 32.801 | 24.34 | 1.023 |
| 9/29/2018 1:15 | 1998900 | 70.196 | 17.234 | 158.123 | 41042.426 | 48190.055 | 31.599 | 32.769 | 24.365 | 1.023 |
| 9/29/2018 1:30 | 1999800 | 70.2 | 17.245 | 158.133 | 41060.133 | 48199.055 | 31.607 | 32.775 | 24.355 | 1.023 |
| 9/29/2018 1:45 | 2000700 | 70.202 | 17.23 | 158.136 | 41056.332 | 48211.582 | 31.615 | 32.784 | 24.357 | 1.023 |
| 9/29/2018 2:00 | 2001600 | 70.206 | 17.237 | 158.147 | 41079.602 | 48231.156 | 31.629 | 32.797 | 24.343 | 1.023 |
| 9/29/2018 2:15 | 2002500 | 70.211 | 17.24 | 158.157 | 41071.168 | 48217.484 | 31.62 | 32.788 | 24.348 | 1.023 |
| 9/29/2018 2:30 | 2003400 | 70.206 | 17.235 | 158.146 | 41073.465 | 48225.559 | 31.625 | 32.793 | 24.347 | 1.023 |
| 9/29/2018 2:45 | 2004300 | 70.22 | 17.238 | 158.177 | 41062.184 | 48209.484 | 31.614 | 32.782 | 24.353 | 1.023 |
| 9/29/2018 3:00 | 2005200 | 70.231 | 17.242 | 158.203 | 41072.902 | 48218.191 | 31.62 | 32.788 | 24.347 | 1.023 |
| 9/29/2018 3:15 | 2006100 | 70.22 | 17.233 | 158.177 | 41046.887 | 48196.621 | 31.604 | 32.774 | 24.362 | 1.023 |
| 9/29/2018 3:30 | 2007000 | 70.225 | 17.239 | 158.189 | 41105.289 | 48258.574 | 31.65 | 32.816 | 24.328 | 1.023 |
| 9/29/2018 3:45 | 2007900 | 70.231 | 17.234 | 158.201 | 41027.391 | 48173.352 | 31.587 | 32.758 | 24.374 | 1.023 |
| 9/29/2018 4:00 | 2008800 | 70.222 | 17.242 | 158.182 | 41061.934 | 48204.566 | 31.61 | 32.779 | 24.353 | 1.023 |
| 9/29/2018 4:15 | 2009700 | 70.248 | 17.235 | 158.24 | 41083.684 | 48238.414 | 31.635 | 32.802 | 24.341 | 1.023 |
| 9/29/2018 4:30 | 2010600 | 70.235 | 17.231 | 158.211 | 41072.113 | 48228.313 | 31.627 | 32.795 | 24.347 | 1.023 |
| 9/29/2018 4:45 | 2011500 | 70.236 | 17.239 | 158.214 | 41084.875 | 48234.609 | 31.632 | 32.8 | 24.34 | 1.023 |
| 9/29/2018 5:00 | 2012400 | 70.233 | 17.241 | 158.207 | 41105.723 | 48257.191 | 31.649 | 32.815 | 24.328 | 1.023 |
| 9/29/2018 5:15 | 2013300 | 70.246 | 17.235 | 158.236 | 41084.977 | 48239.266 | 31.635 | 32.803 | 24.34 | 1.023 |
| 9/29/2018 5:30 | 2014200 | 70.239 | 17.242 | 158.221 | 41072.043 | 48216.895 | 31.619 | 32.787 | 24.347 | 1.023 |
| 9/29/2018 5:45 | 2015100 | 70.241 | 17.238 | 158.225 | 41095.414 | 48248.395 | 31.642 | 32.809 | 24.334 | 1.023 |
| 9/29/2018 6:00 | 2016000 | 70.239 | 17.241 | 158.22 | 41078.91 | 48225.715 | 31.626 | 32.793 | 24.343 | 1.023 |
| 9/29/2018 6:15 | 2016900 | 70.254 | 17.233 | 158.254 | 41069.137 | 48223.219 | 31.623 | 32.792 | 24.349 | 1.023 |
| 9/29/2018 6:30 | 2017800 | 70.231 | 17.245 | 158.202 | 41094.316 | 48239.93 | 31.636 | 32.803 | 24.334 | 1.023 |
| 9/29/2018 6:45 | 2018700 | 70.241 | 17.237 | 158.226 | 41100.965 | 48255.668 | 31.647 | 32.814 | 24.33 | 1.023 |
| 9/29/2018 7:00 | 2019600 | 70.233 | 17.236 | 158.207 | 41131.207 | 48292.223 | 31.674 | 32.839 | 24.312 | 1.023 |
| 9/29/2018 7:15 | 2020500 | 70.227 | 17.239 | 158.194 | 41101.512 | 48254.52 | 31.647 | 32.813 | 24.33 | 1.023 |
| 9/29/2018 7:30 | 2021400 | 70.227 | 17.246 | 158.194 | 41086.102 | 48228.488 | 31.628 | 32.795 | 24.339 | 1.023 |
| 9/29/2018 7:45 | 2022300 | 70.224 | 17.236 | 158.186 | 41083.238 | 48236.664 | 31.633 | 32.801 | 24.341 | 1.023 |
| 9/29/2018 8:00 | 2023200 | 70.223 | 17.242 | 158.183 | 41111.25 | 48262.27 | 31.653 | 32.818 | 24.324 | 1.023 |
| 9/29/2018 8:15 | 2024100 | 70.244 | 17.239 | 158.232 | 41084.414 | 48233.984 | 31.632 | 32.799 | 24.34 | 1.023 |
| 9/29/2018 8:30 | 2025000 | 70.228 | 17.237 | 158.195 | 41076.809 | 48227.785 | 31.627 | 32.795 | 24.345 | 1.023 |
| 9/29/2018 8:45 | 2025900 | 70.227 | 17.237 | 158.194 | 41072.141 | 48222.305 | 31.623 | 32.791 | 24.347 | 1.023 |
| 9/29/2018 9:00 | 2026800 | 70.224 | 17.238 | 158.186 | 41074.836 | 48224.531 | 31.625 | 32.793 | 24.346 | 1.023 |
| 9/29/2018 9:15 | 2027700 | 70.229 | 17.238 | 158.198 | 41077.293 | 48227.414 | 31.627 | 32.795 | 24.344 | 1.023 |
| 9/29/2018 9:30 | 2028600 | 70.228 | 17.232 | 158.195 | 41080.051 | 48237.078 | 31.634 | 32.801 | 24.343 | 1.023 |
| 9/29/2018 9:45 | 2029500 | 70.223 | 17.243 | 158.184 | 41131.285 | 48285.41 | 31.67 | 32.834 | 24.312 | 1.023 |
| 9/29/2018 10:00 | 2030400 | 70.224 | 17.235 | 158.186 | 41095.352 | 48251.738 | 31.644 | 32.811 | 24.334 | 1.023 |
| 9/29/2018 10:15 | 2031300 | 70.255 | 17.23 | 158.255 | 41090.168 | 48250.656 | 31.643 | 32.81 | 24.337 | 1.023 |
| 9/29/2018 10:30 | 2032200 | 70.252 | 17.232 | 158.25 | 41080.773 | 48237.641 | 31.634 | 32.802 | 24.342 | 1.023 |
| 9/29/2018 10:45 | 2033100 | 70.257 | 17.242 | 158.261 | 41128.672 | 48283.473 | 31.668 | 32.833 | 24.314 | 1.023 |
| 9/29/2018 11:00 | 2034000 | 70.246 | 17.246 | 158.237 | 41102.145 | 48247.617 | 31.642 | 32.808 | 24.33 | 1.023 |
| 9/29/2018 11:15 | 2034900 | 70.245 | 17.239 | 158.233 | 41076.863 | 48225.117 | 31.625 | 32.793 | 24.345 | 1.023 |
| 9/29/2018 11:30 | 2035800 | 70.26 | 17.239 | 158.267 | 41086.242 | 48236.402 | 31.633 | 32.801 | 24.339 | 1.023 |
| 9/29/2018 11:45 | 2036700 | 70.26 | 17.235 | 158.268 | 41131.418 | 48293.707 | 31.675 | 32.84 | 24.312 | 1.023 |
| 9/29/2018 12:00 | 2037600 | 70.268 | 17.229 | 158.285 | 41094.281 | 48256.621 | 31.648 | 32.815 | 24.334 | 1.023 |
| 9/29/2018 12:15 | 2038500 | 70.288 | 17.23 | 158.331 | 41086.035 | 48246.559 | 31.64 | 32.808 | 24.339 | 1.023 |
| 9/29/2018 12:30 | 2039400 | 70.278 | 17.238 | 158.308 | 41125.098 | 48283.813 | 31.668 | 32.833 | 24.316 | 1.023 |
| 9/29/2018 12:45 | 2040300 | 70.283 | 17.24 | 158.319 | 41059.09 | 48203.766 | 31.61 | 32.779 | 24.355 | 1.023 |
| 9/29/2018 13:00 | 2041200 | 70.296 | 17.239 | 158.35 | 41098.113 | 48251 | 31.644 | 32.811 | 24.332 | 1.023 |
| 9/29/2018 13:15 | 2042100 | 70.302 | 17.235 | 158.362 | 41077.109 | 48230.027 | 31.629 | 32.796 | 24.344 | 1.023 |
| 9/29/2018 13:30 | 2043000 | 70.309 | 17.232 | 158.378 | 41077.758 | 48234.008 | 31.631 | 32.799 | 24.344 | 1.023 |
| 9/29/2018 13:45 | 2043900 | 70.329 | 17.238 | 158.422 | 41105.57 | 48259.855 | 31.651 | 32.817 | 24.328 | 1.023 |
| 9/29/2018 14:00 | 2044800 | 70.321 | 17.238 | 158.404 | 41108.859 | 48263.906 | 31.654 | 32.819 | 24.326 | 1.023 |
| 9/29/2018 14:15 | 2045700 | 70.32 | 17.234 | 158.402 | 41117.645 | 48279.324 | 31.665 | 32.83 | 24.32 | 1.023 |
| 9/29/2018 14:30 | 2046600 | 70.345 | 17.251 | 158.459 | 41073.309 | 48208.293 | 31.614 | 32.782 | 24.347 | 1.023 |
| 9/29/2018 14:45 | 2047500 | 70.329 | 17.234 | 158.424 | 41076.855 | 48231.16 | 31.629 | 32.79 | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 9/30/2018 13:30 | 2129400 | 70.335 | 17.236 | 158.436 | 41097.781 | 48253.641 | 31.646 | 32.812 | 24.332 | 1.023 |
| 9/30/2018 13:45 | 2130300 | 70.335 | 17.237 | 158.436 | 41070.797 | 48221.008 | 31.622 | 32.799 | 24.348 | 1.023 |
| 9/30/2018 14:00 | 2131200 | 70.356 | 17.237 | 158.485 | 41089.672 | 48242.887 | 31.638 | 32.805 | 24.337 | 1.023 |
| 9/30/2018 14:15 | 2132100 | 70.36 | 17.235 | 158.493 | 41103.527 | 48261.715 | 31.652 | 32.818 | 24.329 | 1.023 |
| 9/30/2018 14:30 | 2133000 | 70.354 | 17.238 | 158.48 | 41087.676 | 48239.605 | 31.636 | 32.803 | 24.338 | 1.023 |
| 9/30/2018 14:45 | 2133900 | 70.377 | 17.233 | 158.531 | 41100.211 | 48259.152 | 31.65 | 32.816 | 24.331 | 1.023 |
| 9/30/2018 15:00 | 2134800 | 70.361 | 17.234 | 158.494 | 41083.883 | 48239.492 | 31.635 | 32.803 | 24.34 | 1.023 |
| 9/30/2018 15:15 | 2135700 | 70.361 | 17.238 | 158.495 | 41144.68 | 48306.422 | 31.685 | 32.848 | 24.304 | 1.023 |
| 9/30/2018 15:30 | 2136600 | 70.372 | 17.237 | 158.521 | 41098.254 | 48253.344 | 31.646 | 32.812 | 24.332 | 1.023 |
| 9/30/2018 15:45 | 2137500 | 70.377 | 17.241 | 158.531 | 41076.672 | 48223.566 | 31.624 | 32.792 | 24.345 | 1.023 |
| 9/30/2018 16:00 | 2138400 | 70.385 | 17.234 | 158.549 | 41074.73 | 48228.855 | 31.628 | 32.796 | 24.346 | 1.023 |
| 9/30/2018 16:15 | 2139300 | 70.385 | 17.241 | 158.55 | 41073.09 | 48218.883 | 31.621 | 32.789 | 24.347 | 1.023 |
| 9/30/2018 16:30 | 2140200 | 70.386 | 17.242 | 158.552 | 41078.793 | 48224.547 | 31.625 | 32.793 | 24.343 | 1.023 |
| 9/30/2018 16:45 | 2141100 | 70.389 | 17.24 | 158.558 | 41064.711 | 48209.805 | 31.614 | 32.783 | 24.352 | 1.023 |
| 9/30/2018 17:00 | 2142000 | 70.39 | 17.235 | 158.561 | 41120.867 | 48281.969 | 31.667 | 32.832 | 24.319 | 1.023 |
| 9/30/2018 17:15 | 2142900 | 70.389 | 17.238 | 158.558 | 41066.855 | 48215.242 | 31.618 | 32.786 | 24.351 | 1.023 |
| 9/30/2018 17:30 | 2143800 | 70.392 | 17.244 | 158.564 | 41100.344 | 48248.238 | 31.642 | 32.809 | 24.331 | 1.023 |
| 9/30/2018 17:45 | 2144700 | 70.397 | 17.232 | 158.575 | 41077.352 | 48234.086 | 31.631 | 32.799 | 24.344 | 1.023 |
| 9/30/2018 18:00 | 2145600 | 70.388 | 17.241 | 158.555 | 41069.301 | 48214.914 | 31.618 | 32.786 | 24.349 | 1.023 |
| 9/30/2018 18:15 | 2146500 | 70.386 | 17.236 | 158.552 | 41069.398 | 48219.652 | 31.621 | 32.789 | 24.349 | 1.023 |
| 9/30/2018 18:30 | 2147400 | 70.372 | 17.233 | 158.519 | 41086.738 | 48243.145 | 31.638 | 32.805 | 24.339 | 1.023 |
| 9/30/2018 18:45 | 2148300 | 70.373 | 17.242 | 158.523 | 41070.148 | 48214.859 | 31.618 | 32.786 | 24.349 | 1.023 |
| 9/30/2018 19:00 | 2149200 | 70.373 | 17.235 | 158.523 | 41097.141 | 48253.73 | 31.646 | 32.813 | 24.333 | 1.023 |
| 9/30/2018 19:15 | 2150100 | 70.368 | 17.241 | 158.51 | 41094.391 | 48243.512 | 31.639 | 32.806 | 24.334 | 1.023 |
| 9/30/2018 19:30 | 2151000 | 70.369 | 17.234 | 158.513 | 41112.859 | 48273.242 | 31.66 | 32.826 | 24.323 | 1.023 |
| 9/30/2018 19:45 | 2151900 | 70.355 | 17.235 | 158.482 | 41070.07 | 48221.676 | 31.622 | 32.791 | 24.349 | 1.023 |
| 9/30/2018 20:00 | 2152800 | 70.363 | 17.242 | 158.499 | 41113.508 | 48265.383 | 31.655 | 32.82 | 24.323 | 1.023 |
| 9/30/2018 20:15 | 2153700 | 70.341 | 17.241 | 158.45 | 41092.301 | 48241.813 | 31.638 | 32.804 | 24.335 | 1.023 |
| 9/30/2018 20:30 | 2154600 | 70.325 | 17.238 | 158.414 | 41090.863 | 48243.43 | 31.639 | 32.806 | 24.336 | 1.023 |
| 9/30/2018 20:45 | 2155500 | 70.323 | 17.24 | 158.409 | 41061.711 | 48206.473 | 31.612 | 32.78 | 24.354 | 1.023 |
| 9/30/2018 21:00 | 2156400 | 70.308 | 17.248 | 158.375 | 41104.309 | 48248.07 | 31.643 | 32.809 | 24.328 | 1.023 |
| 9/30/2018 21:15 | 2157300 | 70.31 | 17.242 | 158.379 | 41074.34 | 48219.879 | 31.622 | 32.79 | 24.346 | 1.023 |
| 9/30/2018 21:30 | 2158200 | 70.298 | 17.243 | 158.352 | 41059.906 | 48210.77 | 31.614 | 32.783 | 24.355 | 1.023 |
| 9/30/2018 21:45 | 2159100 | 70.292 | 17.234 | 158.34 | 41100.676 | 48249.285 | 31.643 | 32.81 | 24.33 | 1.023 |
| 9/30/2018 22:00 | 2160000 | 70.281 | 17.234 | 158.316 | 41104.195 | 48263.453 | 31.653 | 32.819 | 24.328 | 1.023 |
| 9/30/2018 22:15 | 2160900 | 70.291 | 17.248 | 158.337 | 41110.195 | 48254.902 | 31.648 | 32.813 | 24.325 | 1.023 |
| 9/30/2018 22:30 | 2161800 | 70.282 | 17.243 | 158.318 | 41134.5 | 48289.465 | 31.672 | 32.837 | 24.31 | 1.023 |
| 9/30/2018 22:45 | 2162700 | 70.269 | 17.232 | 158.288 | 41118.367 | 48281.504 | 31.666 | 32.831 | 24.32 | 1.023 |
| 9/30/2018 23:00 | 2163600 | 70.279 | 17.237 | 158.31 | 41068.965 | 48218.766 | 31.62 | 32.789 | 24.349 | 1.023 |
| 9/30/2018 23:15 | 2164500 | 70.259 | 17.24 | 158.265 | 41077.598 | 48225.223 | 31.625 | 32.793 | 24.344 | 1.023 |
| 9/30/2018 23:30 | 2165400 | 70.258 | 17.239 | 158.263 | 41077.867 | 48227.055 | 31.627 | 32.794 | 24.344 | 1.023 |
| 9/30/2018 23:45 | 2166300 | 70.252 | 17.234 | 158.249 | 41087.113 | 48243.395 | 31.638 | 32.806 | 24.339 | 1.023 |
| 10/1/2018 0:00 | 2167200 | 70.251 | 17.24 | 158.247 | 41087.465 | 48237.375 | 31.634 | 32.801 | 24.338 | 1.023 |
| 10/1/2018 0:15 | 2168100 | 70.245 | 17.236 | 158.234 | 41086.035 | 48239.945 | 31.636 | 32.803 | 24.339 | 1.023 |
| 10/1/2018 0:30 | 2169000 | 70.243 | 17.244 | 158.23 | 41049.012 | 48187.414 | 31.598 | 32.767 | 24.361 | 1.023 |
| 10/1/2018 0:45 | 2169900 | 70.243 | 17.236 | 158.23 | 41115.051 | 48274.105 | 31.661 | 32.826 | 24.322 | 1.023 |
| 10/1/2018 1:00 | 2170800 | 70.247 | 17.24 | 158.238 | 41047.031 | 48189.797 | 31.599 | 32.769 | 24.362 | 1.023 |
| 10/1/2018 1:15 | 2171700 | 70.25 | 17.248 | 158.244 | 41077.941 | 48217.121 | 31.62 | 32.788 | 24.344 | 1.023 |
| 10/1/2018 1:30 | 2172600 | 70.247 | 17.233 | 158.238 | 41117.309 | 48279.5 | 31.665 | 32.83 | 24.321 | 1.023 |
| 10/1/2018 1:45 | 2173500 | 70.249 | 17.243 | 158.243 | 41074.578 | 48219.117 | 31.621 | 32.789 | 24.346 | 1.023 |
| 10/1/2018 2:00 | 2174400 | 70.25 | 17.237 | 158.244 | 41096.762 | 48251.305 | 31.644 | 32.811 | 24.333 | 1.023 |
| 10/1/2018 2:15 | 2175300 | 70.273 | 17.238 | 158.297 | 41114.121 | 48270.172 | 31.658 | 32.824 | 24.323 | 1.023 |
| 10/1/2018 2:30 | 2176200 | 70.251 | 17.241 | 158.247 | 41076.992 | 48223.941 | 31.624 | 32.792 | 24.345 | 1.023 |
| 10/1/2018 2:45 | 2177100 | 70.256 | 17.245 | 158.259 | 41085.871 | 48229.547 | 31.629 | 32.796 | 24.339 | 1.023 |
| 10/1/2018 3:00 | 2178000 | 70.266 | 17.236 | 158.281 | 41055.129 | 48202.898 | 31.609 | 32.778 | 24.357 | 1.023 |
| 10/1/2018 3:15 | 2178900 | 70.268 | 17.23 | 158.285 | 41066.918 | 48223.16 | 31.623 | 32.792 | 24.351 | 1.023 |
| 10/1/2018 3:30 | 2179800 | 70.275 | 17.242 | 158.302 | 41108.254 | 48259.133 | 31.65 | 32.816 | 24.326 | 1.023 |
| 10/1/2018 3:45 | 2180700 | 70.282 | 17.238 | 158.317 | 41060.262 | 48207.039 | 31.612 | 32.781 | 24.354 | 1.023 |
| 10/1/2018 4:00 | 2181600 | 70.289 | 17.239 | 158.332 | 41082.66 | 48232.387 | 31.631 | 32.798 | 24.341 | 1.023 |
| 10/1/2018 4:15 | 2182500 | 70.289 | 17.242 | 158.332 | 41113.75 | 48265.395 | 31.655 | 32.82 | 24.323 | 1.023 |
| 10/1/2018 4:30 | 2183400 | 70.288 | 17.25 | 158.331 | 41086.207 | 48224.176 | 31.625 | 32.792 | 24.339 | 1.023 |
| 10/1/2018 4:45 | 2184300 | 70.298 | 17.238 | 158.353 | 41098.199 | 48251.391 | 31.644 | 32.811 | 24.332 | 1.023 |
| 10/1/2018 5:00 | 2185200 | 70.305 | 17.233 | 158.369 | 41077.75 | 48233.43 | 31.631 | 32.799 | 24.344 | 1.023 |
| 10/1/2018 5:15 | 2186100 | 70.3 | 17.236 | 158.357 | 41085.371 | 48238.602 | 31.635 | 32.802 | 24.34 | 1.023 |
| 10/1/2018 5:30 | 2187000 | 70.309 | 17.236 | 158.378 | 41083.66 | 48236.867 | 31.634 | 32.801 | 24.341 | 1.023 |
| 10/1/2018 5:45 | 2187900 | 70.32 | 17.238 | 158.403 | 41057.504 | 48204.18 | 31.61 | 32.779 | 24.356 | 1.023 |
| 10/1/2018 6:00 | 2188800 | 70.319 | 17.24 | 158.4 | 41076.434 | 48224.426 | 31.625 | 32.793 | 24.345 | 1.023 |
| 10/1/2018 6:15 | 2189700 | 70.324 | 17.24 | 158.411 | 41091.414 | 48241.254 | 31.637 | 32.804 | 24.336 | 1.023 |
| 10/1/2018 6:30 | 2190600 | 70.321 | 17.246 | 158.404 | 41098.684 | 48243.938 | 31.639 | 32.806 | 24.332 | 1.023 |
| 10/1/2018 6:45 | 2191500 | 70.326 | 17.235 | 158.416 | 41109.195 | 48267.613 | 31.656 | 32.822 | 24.325 | 1.023 |
| 10/1/2018 7:00 | 2192400 | 70.328 | 17.235 | 158.421 | 41095.332 | 48251.523 | 31.644 | 32.811 | 24.334 | 1.023 |
| 10/1/2018 7:15 | 2193300 | 70.333 | 17.233 | 158.433 | 41096.668 | 48258.477 | 31.649 | 32.816 | 24.333 | 1.023 |
| 10/1/2018 7:30 | 2194200 | 70.335 | 17.239 | 158.436 | 41103.898 | 48257.43 | 31.649 | 32.815 | 24.329 | 1.023 |
| 10/1/2018 7:45 | 2195100 | 70.348 | 17.237 | 158.466 | 41093.961 | 48247.543 | 31.641 | 32.808 | 24.334 | 1.023 |
| 10/1/2018 8:00 | 2196000 | 70.333 | 17.247 | 158.433 | 41101.305 | 48245.195 | 31.64 | 32.807 | 24.33 | 1.023 |
| 10/1/2018 8:15 | 2196900 | 70.34 | 17.242 | 158.448 | 41103.898 | 48253.828 | 31.646 | 32.813 | 24.329 | 1.023 |
| 10/1/2018 8:30 | 2197800 | 70.339 | 17.244 | 158.446 | 41105.289 | 48253.191 | 31.646 | 32.812 | 24.328 | 1.023 |
| 10/1/2018 8:45 | 2198700 | 70.34 | 17.236 | 158.447 | 41066.605 | 48216.566 | 31.619 | 32.787 | 24.351 | 1.023 |
| 10/1/2018 9:00 | 2199600 | 70.33 | 17.246 | 158.426 | 41122.711 | 48271.57 | 31.66 | 32.825 | 24.317 | 1.023 |
| 10/1/2018 9:15 | 2200500 | 70.334 | 17.234 | 158.433 | 41077.813 | 48232.176 | 31.63 | 32.798 | 24.344 | 1.023 |
| 10/1/2018 9:30 | 2201400 | 70.333 | 17.236 | 158.433 | 41099.52 | 48255.871 | 31.647 | 32.814 | 24.331 | 1.023 |
| 10/1/2018 9:45 | 2202300 | 70.336 | 17.227 | 158.44 | 41103.34 | 48270.094 | 31.657 | 32.824 | 24.329 | 1.023 |
| 10/1/2018 10:00 | 2203200 | 70.361 | 17.235 | 158.494 | 41070.539 | 48222.602 | 31.623 | 32.791 | 24.348 | 1.023 |
| 10/1/2018 10:15 | 2204100 | 70.333 | 17.238 | 158.433 | 41083.773 | 48234.453 | 31.633 | 32.799 | 24.341 | 1.023 |
| 10/1/2018 10:30 | 2205000 | 70.339 | 17.236 | 158.446 | 41053.969 | 48202.008 | 31.608 | 32.777 | 24.358 | 1.023 |
| 10/1/2018 10:45 | 2205900 | 70.355 | 17.236 | 158.482 | 41113.441 | 48272.125 | 31.659 | 32.825 | 24.323 | 1.023 |
| 10/1/2018 11:00 | 2206800 | 70.342 | 17.241 | 158.451 | 41130.574 | 48286.559 | 31.67 | 32.835 | 24.313 | 1.023 |
| 10/1/2018 11:15 | 2207700 | 70.361 | 17.244 | 158.495 | 41101 | 48248.254 | 31.642 | 32.8 | | |

| | | | | | | | | | | |
|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|-------|
| 10/2/2018 10:00 | 2289600 | 70.394 | 17.231 | 158.57 | 41118.75 | 48282.984 | 31.667 | 32.832 | 24.32 | 1.023 |
| 10/2/2018 10:15 | 2290500 | 70.397 | 17.236 | 158.576 | 41078.461 | 48230.957 | 31.629 | 32.797 | 24.344 | 1.023 |
| 10/2/2018 10:30 | 2291400 | 70.391 | 17.242 | 158.562 | 41077.215 | 48222.965 | 31.624 | 32.792 | 24.344 | 1.023 |
| 10/2/2018 10:45 | 2292300 | 70.401 | 17.231 | 158.585 | 41068.613 | 48224.586 | 31.624 | 32.793 | 24.349 | 1.023 |
| 10/2/2018 11:00 | 2293200 | 70.398 | 17.233 | 158.577 | 41102.348 | 48261.66 | 31.052 | 32.818 | 24.33 | 1.023 |
| 10/2/2018 11:15 | 2294100 | 70.398 | 17.237 | 158.579 | 41087.52 | 48239.801 | 31.636 | 32.803 | 24.338 | 1.023 |
| 10/2/2018 11:30 | 2295000 | 70.416 | 17.241 | 158.619 | 41129.148 | 48285.262 | 31.669 | 32.834 | 24.314 | 1.023 |
| 10/2/2018 11:45 | 2295900 | 70.406 | 17.233 | 158.596 | 41080.012 | 48235.516 | 31.632 | 32.8 | 24.343 | 1.023 |
| 10/2/2018 12:00 | 2296800 | 70.413 | 17.234 | 158.612 | 41108.082 | 48267.906 | 31.656 | 32.822 | 24.326 | 1.023 |
| 10/2/2018 12:15 | 2297700 | 70.406 | 17.231 | 158.595 | 41068.418 | 48223.973 | 31.624 | 32.792 | 24.35 | 1.023 |
| 10/2/2018 12:30 | 2298600 | 70.407 | 17.229 | 158.598 | 41084.801 | 48245.301 | 31.639 | 32.807 | 24.34 | 1.023 |
| 10/2/2018 12:45 | 2299500 | 70.407 | 17.24 | 158.599 | 41138.699 | 48297.418 | 31.678 | 32.842 | 24.308 | 1.023 |
| 10/2/2018 13:00 | 2300400 | 70.416 | 17.237 | 158.62 | 41089.844 | 48243.09 | 31.638 | 32.805 | 24.337 | 1.023 |
| 10/2/2018 13:15 | 2301300 | 70.422 | 17.235 | 158.632 | 41090.102 | 48245.848 | 31.64 | 32.807 | 24.337 | 1.023 |
| 10/2/2018 13:30 | 2302200 | 70.414 | 17.243 | 158.614 | 41120.863 | 48272.703 | 31.66 | 32.825 | 24.319 | 1.023 |
| 10/2/2018 13:45 | 2303100 | 70.421 | 17.236 | 158.629 | 41076.527 | 48228.785 | 31.628 | 32.796 | 24.345 | 1.023 |
| 10/2/2018 14:00 | 2304000 | 70.427 | 17.239 | 158.644 | 41095.957 | 48247.535 | 31.642 | 32.808 | 24.333 | 1.023 |
| 10/2/2018 14:15 | 2304900 | 70.418 | 17.236 | 158.624 | 41115.754 | 48273.98 | 31.661 | 32.826 | 24.322 | 1.023 |
| 10/2/2018 14:30 | 2305800 | 70.431 | 17.237 | 158.653 | 41109.445 | 48265.543 | 31.655 | 32.821 | 24.325 | 1.023 |
| 10/2/2018 14:45 | 2306700 | 70.438 | 17.228 | 158.668 | 41049.742 | 48205.457 | 31.61 | 32.78 | 24.361 | 1.023 |
| 10/2/2018 15:00 | 2307600 | 70.438 | 17.242 | 158.668 | 41102.785 | 48252.602 | 31.645 | 32.812 | 24.329 | 1.023 |
| 10/2/2018 15:15 | 2308500 | 70.443 | 17.232 | 158.679 | 41055.098 | 48208.051 | 31.612 | 32.781 | 24.358 | 1.023 |
| 10/2/2018 15:30 | 2309400 | 70.443 | 17.24 | 158.679 | 41112.105 | 48265.734 | 31.655 | 32.821 | 24.324 | 1.023 |
| 10/2/2018 15:45 | 2310300 | 70.448 | 17.234 | 158.691 | 41109.207 | 48268.656 | 31.657 | 32.823 | 24.325 | 1.023 |
| 10/2/2018 16:00 | 2311200 | 70.461 | 17.236 | 158.72 | 41099.902 | 48255.66 | 31.647 | 32.814 | 24.331 | 1.023 |
| 10/2/2018 16:15 | 2312100 | 70.457 | 17.233 | 158.711 | 41072.598 | 48226.809 | 31.626 | 32.794 | 24.347 | 1.023 |
| 10/2/2018 16:30 | 2313000 | 70.463 | 17.24 | 158.724 | 41103.172 | 48255.148 | 31.647 | 32.814 | 24.329 | 1.023 |
| 10/2/2018 16:45 | 2313900 | 70.474 | 17.233 | 158.749 | 41090.934 | 48248.813 | 31.642 | 32.809 | 24.336 | 1.023 |
| 10/2/2018 17:00 | 2314800 | 70.474 | 17.234 | 158.75 | 41095.336 | 48253.129 | 31.645 | 32.812 | 24.334 | 1.023 |
| 10/2/2018 17:15 | 2315700 | 70.478 | 17.248 | 158.759 | 41109.352 | 48254.18 | 31.647 | 32.813 | 24.325 | 1.023 |
| 10/2/2018 17:30 | 2316600 | 70.484 | 17.245 | 158.773 | 41102.098 | 48248.219 | 31.642 | 32.809 | 24.33 | 1.023 |
| 10/2/2018 17:45 | 2317500 | 70.5 | 17.242 | 158.807 | 41136.789 | 48292.344 | 31.675 | 32.839 | 24.309 | 1.023 |
| 10/2/2018 18:00 | 2318400 | 70.494 | 17.231 | 158.795 | 41049.051 | 48201.523 | 31.607 | 32.777 | 24.361 | 1.023 |
| 10/2/2018 18:15 | 2319300 | 70.507 | 17.235 | 158.825 | 41101.199 | 48258.875 | 31.65 | 32.816 | 24.33 | 1.023 |
| 10/2/2018 18:30 | 2320200 | 70.488 | 17.244 | 158.781 | 41091.281 | 48237.309 | 31.634 | 32.801 | 24.336 | 1.023 |
| 10/2/2018 18:45 | 2321100 | 70.499 | 17.24 | 158.806 | 41103.594 | 48256.313 | 31.648 | 32.814 | 24.329 | 1.023 |
| 10/2/2018 19:00 | 2322000 | 70.492 | 17.232 | 158.79 | 41076.391 | 48233.055 | 31.631 | 32.798 | 24.345 | 1.023 |
| 10/2/2018 19:15 | 2322900 | 70.493 | 17.232 | 158.792 | 41093.746 | 48253.246 | 31.645 | 32.812 | 24.335 | 1.023 |
| 10/2/2018 19:30 | 2323800 | 70.492 | 17.233 | 158.79 | 41098.57 | 48257.227 | 31.648 | 32.815 | 24.332 | 1.023 |
| 10/2/2018 19:45 | 2324700 | 70.488 | 17.226 | 158.781 | 41099.234 | 48265.543 | 31.654 | 32.821 | 24.331 | 1.023 |
| 10/2/2018 20:00 | 2325600 | 70.484 | 17.236 | 158.772 | 41084.645 | 48238.496 | 31.635 | 32.802 | 24.34 | 1.023 |
| 10/2/2018 20:15 | 2326500 | 70.482 | 17.238 | 158.767 | 41111.105 | 48266.445 | 31.655 | 32.821 | 24.324 | 1.023 |
| 10/2/2018 20:30 | 2327400 | 70.485 | 17.242 | 158.773 | 41121.957 | 48275.301 | 31.662 | 32.827 | 24.318 | 1.023 |
| 10/2/2018 20:45 | 2328300 | 70.469 | 17.24 | 158.738 | 41112.203 | 48265.66 | 31.655 | 32.821 | 24.324 | 1.023 |
| 10/2/2018 21:00 | 2329200 | 70.466 | 17.242 | 158.732 | 41129.129 | 48283.258 | 31.668 | 32.833 | 24.314 | 1.023 |
| 10/2/2018 21:15 | 2330100 | 70.463 | 17.243 | 158.724 | 41048.352 | 48187.293 | 31.598 | 32.767 | 24.362 | 1.023 |
| 10/2/2018 21:30 | 2331000 | 70.454 | 17.232 | 158.704 | 41097.766 | 48257.402 | 31.648 | 32.815 | 24.332 | 1.023 |
| 10/2/2018 21:45 | 2331900 | 70.445 | 17.238 | 158.685 | 41078.848 | 48229.43 | 31.628 | 32.796 | 24.343 | 1.023 |
| 10/2/2018 22:00 | 2332800 | 70.447 | 17.234 | 158.688 | 41100.699 | 48258.668 | 31.649 | 32.816 | 24.33 | 1.023 |
| 10/2/2018 22:15 | 2333700 | 70.449 | 17.24 | 158.692 | 41091.438 | 48241.371 | 31.637 | 32.804 | 24.336 | 1.023 |
| 10/2/2018 22:30 | 2334600 | 70.421 | 17.24 | 158.63 | 41126.559 | 48282.793 | 31.667 | 32.832 | 24.315 | 1.023 |
| 10/2/2018 22:45 | 2335500 | 70.414 | 17.236 | 158.614 | 41032.512 | 48177.008 | 31.59 | 32.76 | 24.371 | 1.023 |
| 10/2/2018 23:00 | 2336400 | 70.406 | 17.243 | 158.595 | 41130.82 | 48284.102 | 31.669 | 32.833 | 24.313 | 1.023 |
| 10/2/2018 23:15 | 2337300 | 70.411 | 17.242 | 158.609 | 41071.262 | 48216.074 | 31.619 | 32.787 | 24.348 | 1.023 |
| 10/2/2018 23:30 | 2338200 | 70.382 | 17.227 | 158.542 | 41072.723 | 48233.477 | 31.631 | 32.799 | 24.347 | 1.023 |
| 10/2/2018 23:45 | 2339100 | 70.378 | 17.234 | 158.533 | 41070.953 | 48223.551 | 31.624 | 32.792 | 24.348 | 1.023 |
| 10/3/2018 0:00 | 2340000 | 70.372 | 17.237 | 158.519 | 41129.309 | 48289.707 | 31.672 | 32.837 | 24.314 | 1.023 |
| 10/3/2018 0:15 | 2340900 | 70.38 | 17.236 | 158.537 | 41070.539 | 48221.656 | 31.622 | 32.791 | 24.348 | 1.023 |
| 10/3/2018 0:30 | 2341800 | 70.347 | 17.245 | 158.464 | 41126.516 | 48277.355 | 31.664 | 32.829 | 24.315 | 1.023 |
| 10/3/2018 0:45 | 2342700 | 70.351 | 17.233 | 158.472 | 41076.699 | 48231.625 | 31.63 | 32.798 | 24.345 | 1.023 |
| 10/3/2018 1:00 | 2343600 | 70.345 | 17.242 | 158.46 | 41112.355 | 48264.508 | 31.654 | 32.82 | 24.324 | 1.023 |
| 10/3/2018 1:15 | 2344500 | 70.334 | 17.241 | 158.433 | 41076.539 | 48223.121 | 31.624 | 32.792 | 24.345 | 1.023 |
| 10/3/2018 1:30 | 2345400 | 70.322 | 17.232 | 158.408 | 41124.453 | 48289.109 | 31.672 | 32.837 | 24.316 | 1.023 |
| 10/3/2018 1:45 | 2346300 | 70.316 | 17.245 | 158.395 | 41082.316 | 48225.473 | 31.626 | 32.793 | 24.341 | 1.023 |
| 10/3/2018 2:00 | 2347200 | 70.31 | 17.239 | 158.381 | 41109.051 | 48263.668 | 31.653 | 32.819 | 24.326 | 1.023 |
| 10/3/2018 2:15 | 2348100 | 70.313 | 17.242 | 158.386 | 41123.578 | 48276.934 | 31.663 | 32.828 | 24.317 | 1.023 |
| 10/3/2018 2:30 | 2349000 | 70.308 | 17.236 | 158.375 | 41089.246 | 48243.047 | 31.638 | 32.805 | 24.337 | 1.023 |
| 10/3/2018 2:45 | 2349900 | 70.311 | 17.245 | 158.383 | 41087.023 | 48231.563 | 31.63 | 32.797 | 24.339 | 1.023 |
| 10/3/2018 3:00 | 2350800 | 70.31 | 17.238 | 158.379 | 41113.012 | 48269.242 | 31.657 | 32.823 | 24.323 | 1.023 |
| 10/3/2018 3:15 | 2351700 | 70.3 | 17.236 | 158.357 | 41141.664 | 48305.262 | 31.684 | 32.848 | 24.306 | 1.023 |
| 10/3/2018 3:30 | 2352600 | 70.305 | 17.237 | 158.369 | 41109.207 | 48266.203 | 31.655 | 32.821 | 24.325 | 1.023 |
| 10/3/2018 3:45 | 2353500 | 70.3 | 17.24 | 158.359 | 41096.938 | 48247.926 | 31.642 | 32.809 | 24.333 | 1.023 |
| 10/3/2018 4:00 | 2354400 | 70.31 | 17.23 | 158.379 | 41094.973 | 48256.582 | 31.648 | 32.814 | 24.334 | 1.023 |
| 10/3/2018 4:15 | 2355300 | 70.308 | 17.23 | 158.376 | 41071.285 | 48229.238 | 31.628 | 32.796 | 24.348 | 1.023 |
| 10/3/2018 4:30 | 2356200 | 70.315 | 17.236 | 158.391 | 41110.043 | 48268.227 | 31.657 | 32.822 | 24.325 | 1.023 |
| 10/3/2018 4:45 | 2357100 | 70.314 | 17.236 | 158.39 | 41120.34 | 48280.316 | 31.665 | 32.831 | 24.319 | 1.023 |
| 10/3/2018 5:00 | 2358000 | 70.326 | 17.236 | 158.415 | 41097.848 | 48253.719 | 31.646 | 32.813 | 24.332 | 1.023 |
| 10/3/2018 5:15 | 2358900 | 70.32 | 17.242 | 158.402 | 41084.41 | 48231.602 | 31.63 | 32.797 | 24.34 | 1.023 |
| 10/3/2018 5:30 | 2359800 | 70.322 | 17.246 | 158.408 | 41071.984 | 48212.488 | 31.616 | 32.784 | 24.347 | 1.023 |
| 10/3/2018 5:45 | 2360700 | 70.333 | 17.225 | 158.433 | 41063.195 | 48224.168 | 31.624 | 32.792 | 24.353 | 1.023 |
| 10/3/2018 6:00 | 2361600 | 70.343 | 17.235 | 158.454 | 41127.07 | 48288.688 | 31.671 | 32.836 | 24.315 | 1.023 |
| 10/3/2018 6:15 | 2362500 | 70.347 | 17.236 | 158.464 | 41143.254 | 48306.461 | 31.685 | 32.848 | 24.305 | 1.023 |
| 10/3/2018 6:30 | 2363400 | 70.354 | 17.238 | 158.48 | 41083.805 | 48234.953 | 31.632 | 32.8 | 24.34 | 1.023 |
| 10/3/2018 6:45 | 2364300 | 70.359 | 17.237 | 158.49 | 41085.887 | 48238.066 | 31.635 | 32.802 | 24.339 | 1.023 |
| 10/3/2018 7:00 | 2365200 | 70.357 | 17.237 | 158.486 | 41092.977 | 48246.48 | 31.641 | 32.808 | 24.335 | 1.023 |
| 10/3/2018 7:15 | 2366100 | 70.361 | 17.239 | 158.494 | 41061.09 | 48206.793 | 31.612 | 32.781 | 24.354 | 1.023 |
| 10/3/2018 7:30 | 2367000 | 70.373 | 17.237 | 158.523 | 41065.008 | 48213.367 | 31.617 | 32.785 | 24.352 | 1.023 |
| 10/3/2018 7:45 | 2367900 | 70.373 | 17.235 | 158.523 | 41101.371 | 48258.324 | | | | |

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|----------------|--------|--------|-------|--------|---------|---------|-------|---------|----------|-------|--------|
| 9/6/2018 17:30 | 70200 | 19732 | 16219 | 44.975 | 659.284 | 792.148 | 0.391 | 538.661 | 1516.797 | 0.999 | 14.745 |
| 9/6/2018 17:45 | 71100 | 14.964 | 16219 | 44.964 | 659.325 | 792.185 | 0.391 | 538.685 | 1516.703 | 0.999 | 14.748 |
| 9/6/2018 18:00 | 72000 | 19.728 | 16219 | 44.966 | 659.241 | 792.095 | 0.391 | 538.624 | 1516.897 | 0.999 | 14.741 |
| 9/6/2018 18:15 | 72900 | 19.732 | 16218 | 44.976 | 659.215 | 792.072 | 0.391 | 538.609 | 1516.955 | 0.999 | 14.74 |
| 9/6/2018 18:30 | 73800 | 19.729 | 16219 | 44.969 | 658.329 | 790.983 | 0.39 | 537.869 | 1518.998 | 0.999 | 14.743 |
| 9/6/2018 18:45 | 74700 | 19.727 | 16219 | 44.964 | 658.098 | 790.718 | 0.39 | 537.688 | 1519.531 | 0.999 | 14.743 |
| 9/6/2018 19:00 | 75600 | 19.726 | 16219 | 44.962 | 658.073 | 790.722 | 0.39 | 537.822 | 1519.128 | 0.999 | 14.743 |
| 9/6/2018 19:15 | 76500 | 19.726 | 16218 | 44.961 | 658.15 | 790.787 | 0.39 | 537.735 | 1519.411 | 0.999 | 14.739 |
| 9/6/2018 19:30 | 77400 | 19.727 | 16218 | 44.964 | 658.089 | 790.714 | 0.39 | 537.685 | 1519.552 | 0.999 | 14.741 |
| 9/6/2018 19:45 | 78300 | 19.734 | 16218 | 44.981 | 658.153 | 790.795 | 0.39 | 537.74 | 1519.402 | 0.999 | 14.734 |
| 9/6/2018 20:00 | 79200 | 19.729 | 16218 | 44.967 | 658.181 | 790.827 | 0.39 | 537.763 | 1519.34 | 0.999 | 14.733 |
| 9/6/2018 20:15 | 80100 | 19.736 | 16217 | 44.984 | 658.237 | 790.913 | 0.39 | 537.821 | 1519.21 | 0.999 | 14.733 |
| 9/6/2018 20:30 | 81000 | 19.723 | 16219 | 44.955 | 658.013 | 790.652 | 0.39 | 537.643 | 1519.686 | 0.999 | 14.743 |
| 9/6/2018 20:45 | 81900 | 19.722 | 16217 | 44.952 | 658.243 | 790.92 | 0.39 | 537.826 | 1519.196 | 0.999 | 14.744 |
| 9/6/2018 21:00 | 82800 | 19.727 | 16217 | 44.964 | 658.199 | 790.874 | 0.39 | 537.794 | 1519.297 | 0.999 | 14.744 |
| 9/6/2018 21:15 | 83700 | 19.73 | 16217 | 44.971 | 658.271 | 790.965 | 0.39 | 537.856 | 1519.131 | 0.999 | 14.746 |
| 9/6/2018 21:30 | 84600 | 19.725 | 16216 | 44.959 | 658.225 | 790.914 | 0.39 | 537.822 | 1519.237 | 0.999 | 14.747 |
| 9/6/2018 21:45 | 85500 | 19.726 | 16217 | 44.961 | 658.287 | 790.977 | 0.39 | 537.865 | 1519.095 | 0.999 | 14.747 |
| 9/6/2018 22:00 | 86400 | 19.725 | 16216 | 44.956 | 658.238 | 790.961 | 0.39 | 537.854 | 1519.226 | 0.999 | 14.753 |
| 9/6/2018 22:15 | 87300 | 19.73 | 16216 | 44.971 | 658.371 | 791.095 | 0.39 | 537.945 | 1518.9 | 0.999 | 14.743 |
| 9/6/2018 22:30 | 88200 | 19.724 | 16216 | 44.958 | 658.247 | 790.942 | 0.39 | 537.841 | 1519.186 | 0.999 | 14.748 |
| 9/6/2018 22:45 | 89100 | 19.725 | 16216 | 44.959 | 658.508 | 791.256 | 0.391 | 538.054 | 1518.584 | 0.999 | 14.75 |
| 9/6/2018 23:00 | 90000 | 19.722 | 16216 | 44.953 | 658.336 | 791.05 | 0.39 | 537.914 | 1518.98 | 0.999 | 14.747 |
| 9/6/2018 23:15 | 90900 | 19.725 | 16216 | 44.96 | 658.413 | 791.144 | 0.39 | 537.978 | 1518.805 | 0.999 | 14.744 |
| 9/6/2018 23:30 | 91800 | 19.726 | 16216 | 44.956 | 658.39 | 791.117 | 0.39 | 537.96 | 1518.857 | 0.999 | 14.749 |
| 9/6/2018 23:45 | 92700 | 19.728 | 16216 | 44.966 | 658.403 | 791.018 | 0.39 | 537.892 | 1519.056 | 0.999 | 14.747 |
| 9/7/2018 0:00 | 93600 | 19.73 | 16216 | 44.971 | 658.574 | 791.341 | 0.391 | 538.112 | 1518.433 | 0.999 | 14.745 |
| 9/7/2018 0:15 | 94500 | 19.725 | 16216 | 44.958 | 658.599 | 791.377 | 0.391 | 538.136 | 1518.374 | 0.999 | 14.745 |
| 9/7/2018 0:30 | 95400 | 19.724 | 16216 | 44.957 | 658.3 | 791.009 | 0.39 | 537.886 | 1519.065 | 0.999 | 14.748 |
| 9/7/2018 0:45 | 96300 | 19.725 | 16216 | 44.96 | 658.551 | 791.317 | 0.391 | 538.096 | 1518.485 | 0.999 | 14.747 |
| 9/7/2018 1:00 | 97200 | 19.722 | 16216 | 44.952 | 658.522 | 791.281 | 0.391 | 538.071 | 1518.552 | 0.999 | 14.749 |
| 9/7/2018 1:15 | 98100 | 19.722 | 16216 | 44.951 | 658.367 | 791.097 | 0.39 | 537.946 | 1518.909 | 0.999 | 14.748 |
| 9/7/2018 1:30 | 99000 | 19.729 | 16216 | 44.968 | 658.535 | 791.298 | 0.391 | 538.082 | 1518.523 | 0.999 | 14.742 |
| 9/7/2018 1:45 | 99900 | 19.725 | 16216 | 44.959 | 658.542 | 791.31 | 0.391 | 538.091 | 1518.505 | 0.999 | 14.744 |
| 9/7/2018 2:00 | 100800 | 19.73 | 16216 | 44.97 | 658.614 | 791.398 | 0.391 | 538.15 | 1518.34 | 0.999 | 14.742 |
| 9/7/2018 2:15 | 101700 | 19.726 | 16216 | 44.961 | 658.492 | 791.243 | 0.391 | 538.045 | 1518.622 | 0.999 | 14.739 |
| 9/7/2018 2:30 | 102600 | 19.725 | 16216 | 44.96 | 658.472 | 791.453 | 0.391 | 538.088 | 1518.207 | 0.999 | 14.746 |
| 9/7/2018 2:45 | 103500 | 19.723 | 16216 | 44.976 | 658.607 | 791.388 | 0.391 | 538.144 | 1518.256 | 0.999 | 14.736 |
| 9/7/2018 3:00 | 104400 | 19.727 | 16216 | 44.965 | 658.615 | 791.394 | 0.391 | 538.148 | 1518.338 | 0.999 | 14.742 |
| 9/7/2018 3:15 | 105300 | 19.727 | 16216 | 44.964 | 658.585 | 791.36 | 0.391 | 538.125 | 1518.406 | 0.999 | 14.741 |
| 9/7/2018 3:30 | 106200 | 19.727 | 16216 | 44.965 | 658.499 | 791.258 | 0.391 | 538.055 | 1518.606 | 0.999 | 14.74 |
| 9/7/2018 3:45 | 107100 | 19.725 | 16216 | 44.96 | 658.738 | 791.54 | 0.391 | 538.247 | 1518.054 | 0.999 | 14.74 |
| 9/7/2018 4:00 | 108000 | 19.721 | 16216 | 44.951 | 658.419 | 791.16 | 0.39 | 537.989 | 1518.791 | 0.999 | 14.748 |
| 9/7/2018 4:15 | 108900 | 19.726 | 16216 | 44.955 | 658.216 | 791.54 | 0.391 | 538.247 | 1518.066 | 0.999 | 14.74 |
| 9/7/2018 4:30 | 109800 | 19.718 | 16215 | 44.943 | 658.601 | 791.384 | 0.391 | 538.141 | 1518.137 | 0.999 | 14.748 |
| 9/7/2018 4:45 | 110700 | 19.727 | 16215 | 44.965 | 658.687 | 791.487 | 0.391 | 538.211 | 1518.173 | 0.999 | 14.742 |
| 9/7/2018 5:00 | 111600 | 19.728 | 16215 | 44.965 | 658.833 | 791.663 | 0.391 | 538.331 | 1517.836 | 0.999 | 14.74 |
| 9/7/2018 5:15 | 112500 | 19.736 | 16216 | 44.984 | 658.58 | 791.357 | 0.391 | 538.123 | 1518.418 | 0.999 | 14.731 |
| 9/7/2018 5:30 | 113400 | 19.724 | 16215 | 44.958 | 658.811 | 791.638 | 0.391 | 538.314 | 1517.886 | 0.999 | 14.743 |
| 9/7/2018 5:45 | 114300 | 19.726 | 16215 | 44.985 | 658.603 | 791.386 | 0.391 | 538.143 | 1518.366 | 0.999 | 14.736 |
| 9/7/2018 6:00 | 115200 | 19.734 | 16215 | 44.98 | 658.781 | 791.605 | 0.391 | 538.291 | 1517.955 | 0.999 | 14.735 |
| 9/7/2018 6:15 | 116100 | 19.733 | 16215 | 44.978 | 658.596 | 791.384 | 0.391 | 538.141 | 1518.38 | 0.999 | 14.739 |
| 9/7/2018 6:30 | 117000 | 19.728 | 16216 | 44.966 | 658.727 | 791.533 | 0.391 | 538.242 | 1518.081 | 0.999 | 14.741 |
| 9/7/2018 6:45 | 117900 | 19.724 | 16215 | 44.958 | 658.676 | 791.478 | 0.391 | 538.205 | 1518.198 | 0.999 | 14.748 |
| 9/7/2018 7:00 | 118800 | 19.725 | 16215 | 44.959 | 658.696 | 791.507 | 0.391 | 538.225 | 1518.152 | 0.999 | 14.748 |
| 9/7/2018 7:15 | 119700 | 19.721 | 16215 | 44.95 | 658.533 | 791.31 | 0.391 | 538.091 | 1518.226 | 0.999 | 14.747 |
| 9/7/2018 7:30 | 120600 | 19.736 | 16215 | 44.985 | 658.613 | 791.412 | 0.391 | 538.16 | 1518.343 | 0.999 | 14.739 |
| 9/7/2018 7:45 | 121500 | 19.73 | 16215 | 44.971 | 658.392 | 791.138 | 0.39 | 537.974 | 1518.851 | 0.999 | 14.747 |
| 9/7/2018 8:00 | 122400 | 19.726 | 16215 | 44.963 | 658.562 | 791.348 | 0.391 | 538.117 | 1518.46 | 0.999 | 14.748 |
| 9/7/2018 8:15 | 123300 | 19.728 | 16215 | 44.965 | 658.615 | 791.403 | 0.391 | 538.154 | 1518.339 | 0.999 | 14.75 |
| 9/7/2018 8:30 | 124200 | 19.724 | 16215 | 44.958 | 658.548 | 791.327 | 0.391 | 538.102 | 1518.491 | 0.999 | 14.748 |
| 9/7/2018 8:45 | 125100 | 19.726 | 16216 | 44.961 | 658.558 | 791.327 | 0.391 | 538.103 | 1518.469 | 0.999 | 14.751 |
| 9/7/2018 9:00 | 126000 | 19.732 | 16216 | 44.974 | 658.602 | 791.382 | 0.391 | 538.14 | 1518.368 | 0.999 | 14.744 |
| 9/7/2018 9:15 | 126900 | 19.724 | 16215 | 44.957 | 658.565 | 791.344 | 0.391 | 538.114 | 1518.453 | 0.999 | 14.751 |
| 9/7/2018 9:30 | 127800 | 19.726 | 16216 | 44.963 | 658.415 | 791.157 | 0.39 | 537.987 | 1518.799 | 0.999 | 14.751 |
| 9/7/2018 9:45 | 128700 | 19.727 | 16215 | 44.964 | 658.607 | 791.391 | 0.391 | 538.146 | 1518.356 | 0.999 | 14.755 |
| 9/7/2018 10:00 | 129600 | 19.732 | 16215 | 44.975 | 658.497 | 791.26 | 0.391 | 538.057 | 1518.609 | 0.999 | 14.749 |
| 9/7/2018 10:15 | 130500 | 19.721 | 16215 | 44.956 | 658.571 | 791.343 | 0.391 | 538.113 | 1518.488 | 0.999 | 14.747 |
| 9/7/2018 10:30 | 131400 | 19.728 | 16215 | 44.967 | 658.479 | 791.239 | 0.391 | 538.043 | 1518.65 | 0.999 | 14.751 |
| 9/7/2018 10:45 | 132300 | 19.722 | 16216 | 44.953 | 658.536 | 791.302 | 0.391 | 538.085 | 1518.52 | 0.999 | 14.752 |
| 9/7/2018 11:00 | 133200 | 19.723 | 16216 | 44.954 | 658.482 | 791.237 | 0.391 | 538.041 | 1518.645 | 0.999 | 14.752 |
| 9/7/2018 11:15 | 134100 | 19.719 | 16215 | 44.945 | 658.662 | 791.46 | 0.391 | 538.193 | 1518.229 | 0.999 | 14.756 |
| 9/7/2018 11:30 | 135000 | 19.724 | 16215 | 44.956 | 658.594 | 791.376 | 0.391 | 538.135 | 1518.385 | 0.999 | 14.751 |
| 9/7/2018 11:45 | 135900 | 19.725 | 16215 | 44.963 | 658.527 | 791.363 | 0.391 | 538.086 | 1518.479 | 0.999 | 14.747 |
| 9/7/2018 12:00 | 136800 | 19.718 | 16216 | 44.943 | 658.639 | 791.423 | 0.391 | 538.168 | 1518.283 | 0.999 | 14.754 |
| 9/7/2018 12:15 | 137700 | 19.722 | 16216 | 44.953 | 658.543 | 791.309 | 0.391 | 538.09 | 1518.503 | 0.999 | 14.749 |
| 9/7/2018 12:30 | 138600 | 19.728 | 16216 | 44.966 | 658.746 | 791.551 | 0.391 | 538.255 | 1518.036 | 0.999 | 14.747 |
| 9/7/2018 12:45 | 139500 | 19.724 | 16216 | 44.957 | 658.449 | 791.191 | 0.39 | 538.01 | 1518.721 | 0.999 | 14.744 |
| 9/7/2018 13:00 | 140400 | 19.726 | 16216 | 44.963 | 658.57 | 791.327 | 0.391 | 538.103 | 1518.441 | 0.999 | 14.743 |
| 9/7/2018 13:15 | 141300 | 19.724 | 16217 | 44.956 | 658.551 | 791.303 | 0.391 | 538.086 | 1518.484 | 0.999 | 14.743 |
| 9/7/2018 13:30 | 142200 | 19.727 | 16216 | 44.961 | 658.444 | 791.164 | 0.39 | 537.992 | 1518.742 | 0.999 | 14.749 |
| 9/7/2018 13:45 | 143100 | 19.722 | 16216 | 44.954 | 658.501 | 791.245 | 0.391 | 538.046 | 1518.6 | 0.999 | 14.744 |
| 9/7/2018 14:00 | 144000 | 19.725 | 16216 | 44.96 | 658.216 | 790.908 | 0.39 | 537.817 | 1519.259 | 0.999 | 14.742 |
| 9/7/2018 14:15 | 144900 | 19.726 | 16216 | 44.961 | 658.45 | 791.186 | 0.39 | 538.006 | 1518.719 | 0.999 | 14.74 |
| 9/7/2018 14:30 | 145800 | 19.722 | 16216 | 44.952 | 658.404 | 791.136 | 0.39 | 537.972 | 1518.824 | 0.999 | 14.742 |
| 9/7/2018 1 | | | | | | | | | | | |

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|----------------|--------|-------|-------|--------|---------|---------|-------|---------|----------|-------|--------|
| 9/8/2018 22:15 | 260100 | 19731 | 16212 | 44.974 | 658.411 | 791.213 | 0.39 | 538.025 | 1518.807 | 0.999 | 14.689 |
| 9/8/2018 22:30 | 261000 | 19739 | 16212 | 44.992 | 658.314 | 791.104 | 0.39 | 537.951 | 1519.031 | 0.999 | 14.69 |
| 9/8/2018 22:45 | 261900 | 19733 | 16212 | 44.979 | 658.581 | 791.42 | 0.391 | 538.166 | 1518.417 | 0.999 | 14.69 |
| 9/8/2018 23:00 | 262800 | 19733 | 16212 | 44.977 | 658.354 | 791.144 | 0.39 | 537.978 | 1518.94 | 0.999 | 14.69 |
| 9/8/2018 23:15 | 263700 | 19735 | 16212 | 44.981 | 658.494 | 791.322 | 0.391 | 538.099 | 1518.617 | 0.999 | 14.688 |
| 9/8/2018 23:30 | 264600 | 19726 | 16212 | 44.963 | 658.498 | 791.315 | 0.391 | 538.094 | 1518.608 | 0.999 | 14.69 |
| 9/8/2018 23:45 | 265500 | 19729 | 16213 | 44.969 | 658.613 | 791.457 | 0.391 | 538.091 | 1518.328 | 0.999 | 14.69 |
| 9/9/2018 0:00 | 266400 | 19731 | 16213 | 44.972 | 658.48 | 791.291 | 0.391 | 538.078 | 1518.649 | 0.999 | 14.69 |
| 9/9/2018 0:15 | 267300 | 19733 | 16212 | 44.977 | 658.624 | 791.475 | 0.391 | 538.203 | 1518.316 | 0.999 | 14.69 |
| 9/9/2018 0:30 | 268200 | 19733 | 16212 | 44.977 | 658.528 | 791.353 | 0.391 | 538.12 | 1518.538 | 0.999 | 14.688 |
| 9/9/2018 0:45 | 269100 | 19731 | 16212 | 44.974 | 658.714 | 791.579 | 0.391 | 538.273 | 1518.109 | 0.999 | 14.687 |
| 9/9/2018 1:00 | 270000 | 19732 | 16212 | 44.976 | 658.545 | 791.374 | 0.391 | 538.135 | 1518.498 | 0.999 | 14.686 |
| 9/9/2018 1:15 | 270900 | 19733 | 16212 | 44.977 | 658.552 | 791.386 | 0.391 | 538.143 | 1518.472 | 0.999 | 14.682 |
| 9/9/2018 1:30 | 271800 | 19738 | 16212 | 44.99 | 658.753 | 791.622 | 0.391 | 538.303 | 1518.019 | 0.999 | 14.686 |
| 9/9/2018 1:45 | 272700 | 1973 | 16213 | 44.97 | 658.592 | 791.42 | 0.391 | 538.166 | 1518.391 | 0.999 | 14.686 |
| 9/9/2018 2:00 | 273600 | 19733 | 16213 | 44.977 | 658.717 | 791.576 | 0.391 | 538.271 | 1518.103 | 0.999 | 14.682 |
| 9/9/2018 2:15 | 274500 | 19726 | 16213 | 44.961 | 658.531 | 791.345 | 0.391 | 538.115 | 1518.53 | 0.999 | 14.687 |
| 9/9/2018 2:30 | 275400 | 19734 | 16213 | 44.979 | 658.928 | 791.827 | 0.391 | 538.442 | 1517.616 | 0.999 | 14.682 |
| 9/9/2018 2:45 | 276300 | 19733 | 16213 | 44.981 | 658.809 | 791.52 | 0.391 | 538.283 | 1518.185 | 0.999 | 14.682 |
| 9/9/2018 3:00 | 277200 | 19733 | 16213 | 44.978 | 658.799 | 791.668 | 0.391 | 538.334 | 1517.913 | 0.999 | 14.682 |
| 9/9/2018 3:15 | 278100 | 19729 | 16213 | 44.969 | 658.852 | 791.734 | 0.391 | 538.379 | 1517.793 | 0.999 | 14.681 |
| 9/9/2018 3:30 | 279000 | 19735 | 16213 | 44.983 | 658.64 | 791.473 | 0.391 | 538.202 | 1518.281 | 0.999 | 14.683 |
| 9/9/2018 3:45 | 279900 | 19736 | 16213 | 44.985 | 658.843 | 791.719 | 0.391 | 538.369 | 1517.811 | 0.999 | 14.678 |
| 9/9/2018 4:00 | 280800 | 19734 | 16213 | 44.981 | 658.797 | 791.66 | 0.391 | 538.329 | 1517.919 | 0.999 | 14.682 |
| 9/9/2018 4:15 | 281700 | 19735 | 16213 | 44.981 | 658.74 | 791.592 | 0.391 | 538.283 | 1518.049 | 0.999 | 14.678 |
| 9/9/2018 4:30 | 282600 | 19726 | 16213 | 44.962 | 658.876 | 791.755 | 0.391 | 538.393 | 1517.737 | 0.999 | 14.681 |
| 9/9/2018 4:45 | 283500 | 19726 | 16213 | 44.962 | 658.716 | 791.567 | 0.391 | 538.265 | 1518.104 | 0.999 | 14.682 |
| 9/9/2018 5:00 | 284400 | 19738 | 16213 | 44.988 | 658.807 | 791.674 | 0.391 | 538.339 | 1517.896 | 0.999 | 14.677 |
| 9/9/2018 5:15 | 285300 | 19734 | 16212 | 44.979 | 658.588 | 791.424 | 0.391 | 538.168 | 1518.399 | 0.999 | 14.681 |
| 9/9/2018 5:30 | 286200 | 19738 | 16213 | 44.989 | 658.841 | 791.713 | 0.391 | 538.365 | 1517.817 | 0.999 | 14.678 |
| 9/9/2018 5:45 | 287100 | 19736 | 16213 | 44.984 | 658.839 | 791.477 | 0.391 | 538.205 | 1518.282 | 0.999 | 14.68 |
| 9/9/2018 6:00 | 288000 | 19725 | 16213 | 44.959 | 658.823 | 791.687 | 0.391 | 538.347 | 1517.858 | 0.999 | 14.688 |
| 9/9/2018 6:15 | 288900 | 19731 | 16213 | 44.972 | 658.771 | 791.631 | 0.391 | 538.309 | 1517.978 | 0.999 | 14.682 |
| 9/9/2018 6:30 | 289800 | 19729 | 16213 | 44.969 | 658.744 | 791.598 | 0.391 | 538.287 | 1518.041 | 0.999 | 14.688 |
| 9/9/2018 6:45 | 290700 | 19734 | 16213 | 44.98 | 658.876 | 791.76 | 0.391 | 538.397 | 1517.736 | 0.999 | 14.683 |
| 9/9/2018 7:00 | 291600 | 19732 | 16213 | 44.975 | 658.699 | 791.544 | 0.391 | 538.25 | 1518.145 | 0.999 | 14.689 |
| 9/9/2018 7:15 | 292500 | 19734 | 16213 | 44.981 | 658.705 | 791.58 | 0.391 | 538.26 | 1518.13 | 0.999 | 14.681 |
| 9/9/2018 7:30 | 293400 | 19723 | 16213 | 44.978 | 658.544 | 791.363 | 0.391 | 538.127 | 1518.502 | 0.999 | 14.689 |
| 9/9/2018 7:45 | 294300 | 19732 | 16213 | 44.975 | 658.723 | 791.583 | 0.391 | 538.276 | 1518.089 | 0.999 | 14.694 |
| 9/9/2018 8:00 | 295200 | 19731 | 16213 | 44.972 | 658.927 | 791.828 | 0.391 | 538.443 | 1517.62 | 0.999 | 14.692 |
| 9/9/2018 8:15 | 296100 | 19738 | 16212 | 44.989 | 658.686 | 791.542 | 0.391 | 538.248 | 1518.174 | 0.999 | 14.693 |
| 9/9/2018 8:30 | 297000 | 19729 | 16212 | 44.968 | 658.588 | 791.431 | 0.391 | 538.173 | 1518.399 | 0.999 | 14.695 |
| 9/9/2018 8:45 | 297900 | 19731 | 16212 | 44.974 | 658.754 | 791.628 | 0.391 | 538.307 | 1518.018 | 0.999 | 14.695 |
| 9/9/2018 9:00 | 298800 | 19725 | 16212 | 44.962 | 658.564 | 791.403 | 0.391 | 538.254 | 1518.485 | 0.999 | 14.696 |
| 9/9/2018 9:15 | 299700 | 19735 | 16212 | 44.982 | 658.809 | 791.689 | 0.391 | 538.349 | 1517.891 | 0.999 | 14.696 |
| 9/9/2018 9:30 | 300600 | 1973 | 16212 | 44.971 | 658.575 | 791.414 | 0.391 | 538.162 | 1518.43 | 0.999 | 14.698 |
| 9/9/2018 9:45 | 301500 | 19735 | 16212 | 44.982 | 658.662 | 791.511 | 0.391 | 538.228 | 1518.23 | 0.999 | 14.692 |
| 9/9/2018 10:00 | 302400 | 19736 | 16212 | 44.984 | 658.794 | 791.673 | 0.391 | 538.338 | 1517.925 | 0.999 | 14.693 |
| 9/9/2018 10:15 | 303300 | 19728 | 16213 | 44.966 | 658.659 | 791.506 | 0.391 | 538.224 | 1518.235 | 0.999 | 14.698 |
| 9/9/2018 10:30 | 304200 | 19739 | 16213 | 44.991 | 658.789 | 791.654 | 0.391 | 538.225 | 1517.937 | 0.999 | 14.692 |
| 9/9/2018 10:45 | 305100 | 19731 | 16213 | 44.972 | 658.494 | 791.295 | 0.391 | 538.081 | 1518.617 | 0.999 | 14.693 |
| 9/9/2018 11:00 | 306000 | 19731 | 16213 | 44.974 | 658.604 | 791.423 | 0.391 | 538.168 | 1518.364 | 0.999 | 14.693 |
| 9/9/2018 11:15 | 306900 | 1973 | 16213 | 44.972 | 658.736 | 791.589 | 0.391 | 538.28 | 1518.059 | 0.999 | 14.689 |
| 9/9/2018 11:30 | 307800 | 19728 | 16213 | 44.966 | 658.576 | 791.399 | 0.391 | 538.152 | 1518.428 | 0.999 | 14.692 |
| 9/9/2018 11:45 | 308700 | 19727 | 16213 | 44.964 | 658.588 | 791.405 | 0.391 | 538.155 | 1518.399 | 0.999 | 14.687 |
| 9/9/2018 12:00 | 309600 | 19724 | 16214 | 44.956 | 658.587 | 791.516 | 0.391 | 538.231 | 1518.172 | 0.999 | 14.692 |
| 9/9/2018 12:15 | 310500 | 19731 | 16214 | 44.972 | 658.645 | 791.465 | 0.391 | 538.196 | 1518.269 | 0.999 | 14.689 |
| 9/9/2018 12:30 | 311400 | 19727 | 16213 | 44.965 | 658.668 | 791.499 | 0.391 | 538.219 | 1518.217 | 0.999 | 14.689 |
| 9/9/2018 12:45 | 312300 | 19727 | 16214 | 44.964 | 658.469 | 791.251 | 0.391 | 538.051 | 1518.674 | 0.999 | 14.687 |
| 9/9/2018 13:00 | 313200 | 19727 | 16214 | 44.965 | 658.657 | 791.477 | 0.391 | 538.204 | 1518.24 | 0.999 | 14.684 |
| 9/9/2018 13:15 | 314100 | 19726 | 16214 | 44.962 | 658.348 | 791.104 | 0.39 | 537.951 | 1518.953 | 0.999 | 14.69 |
| 9/9/2018 13:30 | 315000 | 19724 | 16214 | 44.958 | 658.585 | 791.385 | 0.391 | 538.142 | 1518.027 | 0.999 | 14.692 |
| 9/9/2018 13:45 | 315900 | 19729 | 16214 | 44.969 | 658.593 | 791.392 | 0.391 | 538.146 | 1518.389 | 0.999 | 14.688 |
| 9/9/2018 14:00 | 316800 | 19725 | 16215 | 44.96 | 658.431 | 791.189 | 0.39 | 538.008 | 1518.762 | 0.999 | 14.691 |
| 9/9/2018 14:15 | 317700 | 19728 | 16214 | 44.966 | 658.705 | 791.526 | 0.391 | 538.238 | 1518.13 | 0.999 | 14.685 |
| 9/9/2018 14:30 | 318600 | 19726 | 16215 | 44.961 | 658.37 | 791.121 | 0.39 | 537.962 | 1518.902 | 0.999 | 14.687 |
| 9/9/2018 14:45 | 319500 | 19724 | 16215 | 44.958 | 658.292 | 791.026 | 0.39 | 537.897 | 1519.082 | 0.999 | 14.689 |
| 9/9/2018 15:00 | 320400 | 19733 | 16213 | 44.978 | 658.311 | 791.04 | 0.39 | 537.908 | 1519.041 | 0.999 | 14.679 |
| 9/9/2018 15:15 | 321300 | 1973 | 16215 | 44.972 | 658.338 | 791.077 | 0.39 | 537.932 | 1518.978 | 0.999 | 14.679 |
| 9/9/2018 15:30 | 322200 | 19736 | 16215 | 44.985 | 658.389 | 791.138 | 0.39 | 537.974 | 1518.859 | 0.999 | 14.675 |
| 9/9/2018 15:45 | 323100 | 19727 | 16215 | 44.965 | 658.321 | 791.051 | 0.39 | 537.914 | 1519.015 | 0.999 | 14.674 |
| 9/9/2018 16:00 | 324000 | 19729 | 16215 | 44.968 | 658.25 | 790.965 | 0.39 | 537.856 | 1519.179 | 0.999 | 14.679 |
| 9/9/2018 16:15 | 324900 | 19725 | 16216 | 44.96 | 658.107 | 790.785 | 0.39 | 537.734 | 1519.151 | 0.999 | 14.683 |
| 9/9/2018 16:30 | 325800 | 19726 | 16215 | 44.967 | 658.201 | 790.806 | 0.39 | 537.816 | 1519.292 | 0.999 | 14.678 |
| 9/9/2018 16:45 | 326700 | 19729 | 16215 | 44.968 | 658.362 | 791.099 | 0.39 | 537.947 | 1518.922 | 0.999 | 14.676 |
| 9/9/2018 17:00 | 327600 | 19731 | 16216 | 44.973 | 658.237 | 790.944 | 0.39 | 537.842 | 1519.211 | 0.999 | 14.673 |
| 9/9/2018 17:15 | 328500 | 19733 | 16215 | 44.978 | 658.085 | 790.775 | 0.39 | 537.727 | 1519.56 | 0.999 | 14.673 |
| 9/9/2018 17:30 | 329400 | 19733 | 16215 | 44.978 | 658.054 | 790.736 | 0.39 | 537.701 | 1519.631 | 0.999 | 14.671 |
| 9/9/2018 17:45 | 330300 | 19734 | 16214 | 44.979 | 658.154 | 790.866 | 0.39 | 537.789 | 1519.4 | 0.999 | 14.671 |
| 9/9/2018 18:00 | 331200 | 19725 | 16215 | 44.96 | 658.232 | 790.857 | 0.39 | 537.851 | 1519.22 | 0.999 | 14.672 |
| 9/9/2018 18:15 | 332100 | 19735 | 16215 | 44.983 | 657.962 | 790.625 | 0.39 | 537.625 | 1519.845 | 0.999 | 14.669 |
| 9/9/2018 18:30 | 333000 | 19738 | 16214 | 44.99 | 657.958 | 790.628 | 0.39 | 537.627 | 1519.855 | 0.999 | 14.662 |
| 9/9/2018 18:45 | 333900 | 19734 | 16214 | 44.98 | 658.187 | 790.911 | 0.39 | 537.819 | 1519.324 | 0.999 | 14.665 |
| 9/9/2018 19:00 | 334800 | 19747 | 16215 | 45.009 | 657.872 | 790.524 | 0.39 | 537.556 | 1520.052 | 0.999 | 14.666 |
| 9/9/2018 19:15 | 335700 | 19737 | 16214 | 44.986 | 657.987 | 790.673 | 0.39 | 537.657 | 1519.788 | 0.999 | 14.666 |
| 9/9/2018 19:30 | 336600 | 19737 | 16214 | 44.987 | 657.979 | 790.541 | 0.39 | 537.568 | 1519.937 | 0.999 | 14.66 |

| | | | | | | | | | | | |
|-----------------|--------|-------|-------|--------|---------|---------|------|---------|----------|-------|--------|
| 9/11/2018 3:00 | 450000 | 19736 | 16208 | 44.985 | 657.88 | 790.66 | 0.39 | 537.640 | 1520.035 | 0.999 | 14.67 |
| 9/11/2018 3:15 | 450900 | 19736 | 16207 | 44.985 | 658.085 | 790.91 | 0.39 | 537.819 | 1519.561 | 0.999 | 14.67 |
| 9/11/2018 3:30 | 451800 | 19735 | 16207 | 44.983 | 658.197 | 791.045 | 0.39 | 537.911 | 1519.302 | 0.999 | 14.672 |
| 9/11/2018 3:45 | 452700 | 19745 | 16207 | 45.005 | 657.965 | 790.769 | 0.39 | 537.723 | 1519.839 | 0.999 | 14.668 |
| 9/11/2018 4:00 | 453600 | 19732 | 16207 | 44.975 | 658.239 | 791.097 | 0.39 | 537.946 | 1519.204 | 0.999 | 14.678 |
| 9/11/2018 4:15 | 454500 | 19736 | 16208 | 44.985 | 657.973 | 790.773 | 0.39 | 537.726 | 1519.819 | 0.999 | 14.67 |
| 9/11/2018 4:30 | 455400 | 19733 | 16207 | 44.973 | 658.003 | 790.814 | 0.39 | 537.751 | 1519.175 | 0.999 | 14.669 |
| 9/11/2018 4:45 | 456300 | 19737 | 16207 | 44.986 | 658.084 | 790.92 | 0.39 | 537.826 | 1519.562 | 0.999 | 14.67 |
| 9/11/2018 5:00 | 457200 | 1973 | 16207 | 44.971 | 658.127 | 790.968 | 0.39 | 537.858 | 1519.463 | 0.999 | 14.675 |
| 9/11/2018 5:15 | 458100 | 1974 | 16206 | 44.993 | 658.132 | 790.984 | 0.39 | 537.869 | 1519.453 | 0.999 | 14.671 |
| 9/11/2018 5:30 | 459000 | 19735 | 16206 | 44.983 | 658.181 | 791.048 | 0.39 | 537.912 | 1519.34 | 0.999 | 14.671 |
| 9/11/2018 5:45 | 459900 | 19738 | 16207 | 44.989 | 657.927 | 790.734 | 0.39 | 537.699 | 1519.927 | 0.999 | 14.673 |
| 9/11/2018 6:00 | 460800 | 19746 | 16206 | 45.008 | 658.191 | 791.065 | 0.39 | 537.924 | 1519.115 | 0.999 | 14.667 |
| 9/11/2018 6:15 | 461700 | 19742 | 16206 | 44.998 | 658.258 | 791.134 | 0.39 | 537.971 | 1519.162 | 0.999 | 14.669 |
| 9/11/2018 6:30 | 462600 | 19731 | 16206 | 44.974 | 658.101 | 790.952 | 0.39 | 537.848 | 1519.523 | 0.999 | 14.676 |
| 9/11/2018 6:45 | 463500 | 19745 | 16206 | 45.006 | 658.174 | 791.038 | 0.39 | 537.906 | 1519.356 | 0.999 | 14.668 |
| 9/11/2018 7:00 | 464400 | 19739 | 16206 | 44.991 | 658.027 | 790.866 | 0.39 | 537.789 | 1519.695 | 0.999 | 14.677 |
| 9/11/2018 7:15 | 465300 | 19741 | 16206 | 44.995 | 658.287 | 791.18 | 0.39 | 538.002 | 1519.095 | 0.999 | 14.68 |
| 9/11/2018 7:30 | 466200 | 19739 | 16205 | 44.978 | 658.022 | 790.863 | 0.39 | 537.787 | 1519.206 | 0.999 | 14.685 |
| 9/11/2018 7:45 | 467100 | 19733 | 16205 | 44.977 | 658.299 | 791.204 | 0.39 | 538.019 | 1519.067 | 0.999 | 14.684 |
| 9/11/2018 8:00 | 468000 | 1974 | 16206 | 44.993 | 658.106 | 790.965 | 0.39 | 537.856 | 1519.513 | 0.999 | 14.683 |
| 9/11/2018 8:15 | 468900 | 19739 | 16206 | 44.991 | 658.194 | 791.069 | 0.39 | 537.927 | 1519.308 | 0.999 | 14.687 |
| 9/11/2018 8:30 | 469800 | 19726 | 16206 | 44.961 | 658.108 | 790.97 | 0.39 | 537.86 | 1519.506 | 0.999 | 14.692 |
| 9/11/2018 8:45 | 470700 | 19737 | 16205 | 44.986 | 658.003 | 790.852 | 0.39 | 537.779 | 1519.749 | 0.999 | 14.695 |
| 9/11/2018 9:00 | 471600 | 19733 | 16205 | 44.978 | 658.046 | 790.907 | 0.39 | 537.817 | 1519.644 | 0.999 | 14.694 |
| 9/11/2018 9:15 | 472500 | 19732 | 16206 | 44.974 | 658.017 | 790.856 | 0.39 | 537.782 | 1519.717 | 0.999 | 14.694 |
| 9/11/2018 9:30 | 473400 | 19732 | 16206 | 44.975 | 657.912 | 790.732 | 0.39 | 537.698 | 1519.959 | 0.999 | 14.694 |
| 9/11/2018 9:45 | 474300 | 19738 | 16206 | 44.988 | 657.841 | 790.645 | 0.39 | 537.639 | 1520.125 | 0.999 | 14.693 |
| 9/11/2018 10:00 | 475200 | 19737 | 16205 | 44.986 | 658.031 | 790.883 | 0.39 | 537.8 | 1519.884 | 0.999 | 14.695 |
| 9/11/2018 10:15 | 476100 | 19737 | 16206 | 44.986 | 657.512 | 790.249 | 0.39 | 537.369 | 1520.884 | 0.999 | 14.695 |
| 9/11/2018 10:30 | 477000 | 1974 | 16206 | 44.994 | 657.909 | 790.723 | 0.39 | 537.692 | 1519.966 | 0.999 | 14.691 |
| 9/11/2018 10:45 | 477900 | 19733 | 16206 | 44.978 | 657.746 | 790.533 | 0.39 | 537.562 | 1520.344 | 0.999 | 14.695 |
| 9/11/2018 11:00 | 478800 | 19736 | 16206 | 44.986 | 657.89 | 790.705 | 0.39 | 537.679 | 1520.201 | 0.999 | 14.689 |
| 9/11/2018 11:15 | 479700 | 19745 | 16206 | 45.004 | 657.597 | 790.348 | 0.39 | 537.437 | 1520.687 | 0.999 | 14.691 |
| 9/11/2018 11:30 | 480600 | 19731 | 16206 | 44.972 | 657.861 | 790.663 | 0.39 | 537.651 | 1520.079 | 0.999 | 14.692 |
| 9/11/2018 11:45 | 481500 | 19736 | 16206 | 44.984 | 657.658 | 790.414 | 0.39 | 537.482 | 1520.548 | 0.999 | 14.688 |
| 9/11/2018 12:00 | 482400 | 19735 | 16205 | 44.983 | 657.734 | 790.589 | 0.39 | 537.546 | 1520.372 | 0.999 | 14.687 |
| 9/11/2018 12:15 | 483300 | 19731 | 16207 | 44.974 | 657.529 | 790.253 | 0.39 | 537.372 | 1520.845 | 0.999 | 14.687 |
| 9/11/2018 12:30 | 484200 | 19733 | 16207 | 44.977 | 657.524 | 790.247 | 0.39 | 537.368 | 1520.857 | 0.999 | 14.687 |
| 9/11/2018 12:45 | 485100 | 19745 | 16207 | 45.004 | 657.687 | 790.441 | 0.39 | 537.5 | 1520.481 | 0.999 | 14.676 |
| 9/11/2018 13:00 | 486000 | 19738 | 16207 | 44.988 | 657.504 | 790.211 | 0.39 | 537.344 | 1520.904 | 0.999 | 14.688 |
| 9/11/2018 13:15 | 486900 | 1974 | 16208 | 44.994 | 657.713 | 790.455 | 0.39 | 537.51 | 1520.42 | 0.999 | 14.682 |
| 9/11/2018 13:30 | 487800 | 19741 | 16208 | 44.995 | 657.759 | 790.507 | 0.39 | 537.545 | 1520.314 | 0.999 | 14.679 |
| 9/11/2018 13:45 | 488700 | 19736 | 16208 | 44.984 | 657.814 | 790.576 | 0.39 | 537.592 | 1520.167 | 0.999 | 14.681 |
| 9/11/2018 14:00 | 489600 | 19729 | 16208 | 44.969 | 657.588 | 790.297 | 0.39 | 537.402 | 1520.708 | 0.999 | 14.687 |
| 9/11/2018 14:15 | 490500 | 19737 | 16208 | 44.987 | 657.622 | 790.337 | 0.39 | 537.429 | 1520.63 | 0.999 | 14.679 |
| 9/11/2018 14:30 | 491400 | 19734 | 16208 | 44.98 | 657.684 | 790.413 | 0.39 | 537.481 | 1520.487 | 0.999 | 14.678 |
| 9/11/2018 14:45 | 492300 | 19742 | 16208 | 44.997 | 657.587 | 790.299 | 0.39 | 537.403 | 1520.711 | 0.999 | 14.671 |
| 9/11/2018 15:00 | 493200 | 19735 | 16208 | 44.983 | 657.625 | 790.338 | 0.39 | 537.43 | 1520.624 | 0.999 | 14.676 |
| 9/11/2018 15:15 | 494100 | 19745 | 16208 | 45.005 | 657.822 | 790.58 | 0.39 | 537.595 | 1520.167 | 0.999 | 14.667 |
| 9/11/2018 15:30 | 495000 | 19741 | 16208 | 44.996 | 657.447 | 790.125 | 0.39 | 537.285 | 1521.034 | 0.999 | 14.666 |
| 9/11/2018 15:45 | 495900 | 19746 | 16208 | 45.007 | 657.757 | 790.499 | 0.39 | 537.539 | 1520.318 | 0.999 | 14.665 |
| 9/11/2018 16:00 | 496800 | 19743 | 16209 | 45.001 | 657.482 | 790.154 | 0.39 | 537.305 | 1520.954 | 0.999 | 14.665 |
| 9/11/2018 16:15 | 497700 | 19737 | 16209 | 44.987 | 657.521 | 790.207 | 0.39 | 537.341 | 1520.863 | 0.999 | 14.668 |
| 9/11/2018 16:30 | 498600 | 19732 | 16209 | 44.974 | 657.689 | 790.41 | 0.39 | 537.479 | 1520.475 | 0.999 | 14.669 |
| 9/11/2018 16:45 | 499500 | 19731 | 16209 | 44.972 | 657.529 | 790.216 | 0.39 | 537.347 | 1520.846 | 0.999 | 14.67 |
| 9/11/2018 17:00 | 500400 | 19736 | 16209 | 44.984 | 657.584 | 790.284 | 0.39 | 537.393 | 1520.718 | 0.999 | 14.666 |
| 9/11/2018 17:15 | 501300 | 19735 | 16209 | 44.983 | 657.536 | 790.227 | 0.39 | 537.354 | 1520.829 | 0.999 | 14.661 |
| 9/11/2018 17:30 | 502200 | 19734 | 16209 | 44.981 | 657.543 | 790.236 | 0.39 | 537.361 | 1520.813 | 0.999 | 14.664 |
| 9/11/2018 17:45 | 503100 | 19743 | 16209 | 45 | 657.382 | 790.039 | 0.39 | 537.227 | 1521.187 | 0.999 | 14.656 |
| 9/11/2018 18:00 | 504000 | 19738 | 16209 | 44.988 | 657.717 | 790.444 | 0.39 | 537.502 | 1520.411 | 0.999 | 14.661 |
| 9/11/2018 18:15 | 504900 | 19736 | 16209 | 44.985 | 657.586 | 790.291 | 0.39 | 537.398 | 1520.714 | 0.999 | 14.663 |
| 9/11/2018 18:30 | 505800 | 19741 | 16209 | 44.996 | 657.64 | 790.348 | 0.39 | 537.437 | 1520.589 | 0.999 | 14.657 |
| 9/11/2018 18:45 | 506700 | 19743 | 16208 | 45 | 657.571 | 790.271 | 0.39 | 537.385 | 1520.749 | 0.999 | 14.656 |
| 9/11/2018 19:00 | 507600 | 19744 | 16208 | 45.002 | 657.666 | 790.399 | 0.39 | 537.471 | 1520.528 | 0.999 | 14.655 |
| 9/11/2018 19:15 | 508500 | 19734 | 16208 | 44.981 | 657.572 | 790.28 | 0.39 | 537.39 | 1520.746 | 0.999 | 14.661 |
| 9/11/2018 19:30 | 509400 | 19737 | 16208 | 44.986 | 657.757 | 790.507 | 0.39 | 537.545 | 1520.317 | 0.999 | 14.662 |
| 9/11/2018 19:45 | 510300 | 19744 | 16208 | 45.003 | 657.643 | 790.347 | 0.39 | 537.444 | 1520.627 | 0.999 | 14.667 |
| 9/11/2018 20:00 | 511200 | 19742 | 16208 | 44.998 | 657.695 | 790.429 | 0.39 | 537.492 | 1520.462 | 0.999 | 14.66 |
| 9/11/2018 20:15 | 512100 | 19745 | 16208 | 45.004 | 657.853 | 790.62 | 0.39 | 537.622 | 1520.096 | 0.999 | 14.656 |
| 9/11/2018 20:30 | 513000 | 19743 | 16208 | 45.001 | 657.826 | 790.592 | 0.39 | 537.603 | 1520.16 | 0.999 | 14.662 |
| 9/11/2018 20:45 | 513900 | 19742 | 16207 | 44.998 | 657.707 | 790.454 | 0.39 | 537.509 | 1520.435 | 0.999 | 14.667 |
| 9/11/2018 21:00 | 514800 | 19731 | 16207 | 44.972 | 657.791 | 790.556 | 0.39 | 537.578 | 1520.239 | 0.999 | 14.673 |
| 9/11/2018 21:15 | 515700 | 19743 | 16207 | 44.973 | 657.904 | 790.698 | 0.39 | 537.681 | 1519.978 | 0.999 | 14.667 |
| 9/11/2018 21:30 | 516600 | 19739 | 16207 | 44.99 | 657.79 | 790.558 | 0.39 | 537.579 | 1520.241 | 0.999 | 14.671 |
| 9/11/2018 21:45 | 517500 | 19729 | 16207 | 44.969 | 657.651 | 790.395 | 0.39 | 537.468 | 1520.564 | 0.999 | 14.676 |
| 9/11/2018 22:00 | 518400 | 19737 | 16207 | 44.987 | 657.652 | 790.394 | 0.39 | 537.468 | 1520.561 | 0.999 | 14.675 |
| 9/11/2018 22:15 | 519300 | 19733 | 16207 | 44.978 | 657.768 | 790.528 | 0.39 | 537.559 | 1520.293 | 0.999 | 14.682 |
| 9/11/2018 22:30 | 520200 | 19735 | 16207 | 44.982 | 657.836 | 790.617 | 0.39 | 537.62 | 1520.161 | 0.999 | 14.677 |
| 9/11/2018 22:45 | 521100 | 19733 | 16207 | 44.977 | 657.695 | 790.451 | 0.39 | 537.501 | 1520.461 | 0.999 | 14.678 |
| 9/11/2018 23:00 | 522000 | 19733 | 16206 | 44.973 | 657.788 | 790.515 | 0.39 | 537.555 | 1520.363 | 0.999 | 14.68 |
| 9/11/2018 23:15 | 522900 | 19738 | 16207 | 44.989 | 657.772 | 790.547 | 0.39 | 537.572 | 1520.284 | 0.999 | 14.678 |
| 9/11/2018 23:30 | 523800 | 19742 | 16207 | 44.999 | 657.724 | 790.485 | 0.39 | 537.53 | 1520.394 | 0.999 | 14.675 |
| 9/11/2018 23:45 | 524700 | 1973 | 16207 | 44.972 | 657.708 | 790.469 | 0.39 | 537.519 | 1520.432 | 0.999 | 14.686 |
| 9/12/2018 0:00 | 525600 | 19737 | 16207 | 44.987 | 657.696 | 790.451 | 0.39 | 537.507 | 1520.459 | 0.999 | 14.679 |
| 9/12/2018 0: | | | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|--------|--------|-------|--------|---------|---------|------|---------|----------|-------|--------|
| 9/13/2018 7:45 | 639900 | 19/27 | 16/23 | 44/963 | 657 995 | 790.7 | 0.39 | 537 676 | 1519 768 | 0.999 | 14/726 |
| 9/13/2018 8:00 | 640800 | 19/23 | 16/23 | 44/977 | 658 005 | 790 716 | 0.39 | 537 687 | 1519 746 | 0.999 | 14/726 |
| 9/13/2018 8:15 | 641700 | 19/73 | 16/23 | 44/971 | 657 945 | 790 639 | 0.39 | 537 635 | 1519 885 | 0.999 | 14/73 |
| 9/13/2018 8:30 | 642600 | 19/72 | 16/23 | 44/947 | 658 019 | 790 729 | 0.39 | 537 696 | 1519 713 | 0.999 | 14/73 |
| 9/13/2018 8:45 | 643500 | 19/18 | 16/23 | 44/943 | 657 789 | 790 446 | 0.39 | 537 503 | 1520 245 | 0.999 | 14/743 |
| 9/13/2018 9:00 | 644400 | 19/72 | 16/23 | 44/953 | 657 862 | 790 534 | 0.39 | 537 563 | 1520 075 | 0.999 | 14/739 |
| 9/13/2018 9:15 | 645300 | 19/71 | 16/23 | 44/948 | 657 803 | 790 558 | 0.39 | 537 512 | 1520 212 | 0.999 | 14/741 |
| 9/13/2018 9:30 | 646200 | 19/73 | 16/23 | 44/974 | 657 702 | 790 342 | 0.39 | 537 432 | 1520 445 | 0.999 | 14/732 |
| 9/13/2018 9:45 | 647100 | 19/725 | 16/23 | 44/958 | 657 727 | 790 37 | 0.39 | 537 452 | 1520 386 | 0.999 | 14/74 |
| 9/13/2018 10:00 | 648000 | 19/721 | 16/23 | 44/95 | 657 599 | 790 227 | 0.39 | 537 354 | 1520 684 | 0.999 | 14/741 |
| 9/13/2018 10:15 | 648900 | 19/727 | 16/23 | 44/963 | 657 806 | 790 468 | 0.39 | 537 518 | 1520 205 | 0.999 | 14/742 |
| 9/13/2018 10:30 | 649800 | 19/718 | 16/23 | 44/944 | 657 574 | 790 189 | 0.39 | 537 329 | 1520 741 | 0.999 | 14/743 |
| 9/13/2018 10:45 | 650700 | 19/724 | 16/23 | 44/958 | 657 746 | 790 393 | 0.39 | 537 467 | 1520 374 | 0.999 | 14/74 |
| 9/13/2018 11:00 | 651600 | 19/722 | 16/23 | 44/952 | 657 65 | 790 281 | 0.39 | 537 391 | 1520 566 | 0.999 | 14/746 |
| 9/13/2018 11:15 | 652500 | 19/727 | 16/23 | 44/963 | 657 545 | 790 15 | 0.39 | 537 302 | 1520 808 | 0.999 | 14/745 |
| 9/13/2018 11:30 | 653400 | 19/725 | 16/23 | 44/96 | 657 753 | 790 4 | 0.39 | 537 472 | 1520 327 | 0.999 | 14/746 |
| 9/13/2018 11:45 | 654300 | 19/719 | 16/24 | 44/945 | 657 498 | 790 092 | 0.39 | 537 263 | 1520 916 | 0.999 | 14/752 |
| 9/13/2018 12:00 | 655200 | 19/728 | 16/24 | 44/967 | 657 552 | 790 15 | 0.39 | 537 302 | 1520 792 | 0.999 | 14/74 |
| 9/13/2018 12:15 | 656100 | 19/723 | 16/24 | 44/956 | 657 233 | 790 231 | 0.39 | 537 257 | 1520 646 | 0.999 | 14/744 |
| 9/13/2018 12:30 | 657000 | 19/72 | 16/24 | 44/949 | 657 536 | 790 129 | 0.39 | 537 288 | 1520 83 | 0.999 | 14/743 |
| 9/13/2018 12:45 | 657900 | 19/731 | 16/24 | 44/972 | 657 439 | 790 006 | 0.39 | 537 204 | 1521 054 | 0.999 | 14/74 |
| 9/13/2018 13:00 | 658800 | 19/721 | 16/24 | 44/951 | 657 557 | 790 146 | 0.39 | 537 299 | 1520 782 | 0.999 | 14/745 |
| 9/13/2018 13:15 | 659700 | 19/725 | 16/25 | 44/959 | 657 746 | 790 369 | 0.39 | 537 451 | 1520 344 | 0.999 | 14/741 |
| 9/13/2018 13:30 | 660600 | 19/725 | 16/25 | 44/959 | 657 376 | 789 921 | 0.39 | 537 146 | 1521 199 | 0.999 | 14/739 |
| 9/13/2018 13:45 | 661500 | 19/725 | 16/25 | 44/96 | 657 215 | 790 209 | 0.39 | 537 342 | 1520 339 | 0.999 | 14/74 |
| 9/13/2018 14:00 | 662400 | 19/724 | 16/26 | 44/956 | 657 674 | 790 265 | 0.39 | 537 38 | 1520 51 | 0.999 | 14/738 |
| 9/13/2018 14:15 | 663300 | 19/724 | 16/25 | 44/958 | 657 343 | 789 872 | 0.39 | 537 113 | 1521 276 | 0.999 | 14/737 |
| 9/13/2018 14:30 | 664200 | 19/722 | 16/26 | 44/952 | 657 79 | 790 401 | 0.39 | 537 472 | 1520 243 | 0.999 | 14/736 |
| 9/13/2018 14:45 | 665100 | 19/725 | 16/26 | 44/959 | 657 407 | 789 933 | 0.39 | 537 154 | 1521 128 | 0.999 | 14/734 |
| 9/13/2018 15:00 | 666000 | 19/724 | 16/26 | 44/957 | 657 593 | 790 16 | 0.39 | 537 309 | 1520 698 | 0.999 | 14/729 |
| 9/13/2018 15:15 | 666900 | 19/721 | 16/26 | 44/951 | 657 508 | 790 049 | 0.39 | 537 233 | 1520 905 | 0.999 | 14/73 |
| 9/13/2018 15:30 | 667800 | 19/722 | 16/26 | 44/952 | 657 608 | 790 175 | 0.39 | 537 319 | 1520 662 | 0.999 | 14/727 |
| 9/13/2018 15:45 | 668700 | 19/724 | 16/26 | 44/958 | 657 679 | 790 258 | 0.39 | 537 376 | 1520 498 | 0.999 | 14/722 |
| 9/13/2018 16:00 | 669600 | 19/718 | 16/27 | 44/943 | 657 418 | 789 94 | 0.39 | 537 159 | 1521 103 | 0.999 | 14/726 |
| 9/13/2018 16:15 | 670500 | 19/718 | 16/27 | 44/943 | 657 674 | 790 24 | 0.39 | 537 363 | 1520 509 | 0.999 | 14/726 |
| 9/13/2018 16:30 | 671400 | 19/726 | 16/26 | 44/962 | 657 461 | 789 995 | 0.39 | 537 196 | 1521 003 | 0.999 | 14/716 |
| 9/13/2018 16:45 | 672300 | 19/728 | 16/27 | 44/967 | 657 769 | 790 367 | 0.39 | 537 442 | 1520 292 | 0.999 | 14/714 |
| 9/13/2018 17:00 | 673200 | 19/727 | 16/27 | 44/963 | 657 577 | 790 128 | 0.39 | 537 287 | 1520 734 | 0.999 | 14/713 |
| 9/13/2018 17:15 | 674100 | 19/727 | 16/27 | 44/964 | 657 603 | 790 159 | 0.39 | 537 308 | 1520 675 | 0.999 | 14/712 |
| 9/13/2018 17:30 | 675000 | 19/721 | 16/27 | 44/95 | 657 415 | 789 933 | 0.39 | 537 155 | 1521 109 | 0.999 | 14/711 |
| 9/13/2018 17:45 | 675900 | 19/72 | 16/27 | 44/949 | 657 671 | 790 245 | 0.39 | 537 367 | 1520 518 | 0.999 | 14/716 |
| 9/13/2018 18:00 | 676800 | 19/728 | 16/27 | 44/966 | 657 707 | 790 287 | 0.39 | 537 395 | 1520 435 | 0.999 | 14/709 |
| 9/13/2018 18:15 | 677700 | 19/732 | 16/27 | 44/976 | 657 586 | 790 137 | 0.39 | 537 293 | 1520 713 | 0.999 | 14/707 |
| 9/13/2018 18:30 | 678600 | 19/731 | 16/27 | 44/971 | 657 658 | 790 226 | 0.39 | 537 354 | 1520 548 | 0.999 | 14/711 |
| 9/13/2018 18:45 | 679500 | 19/725 | 16/27 | 44/96 | 657 5 | 790 03 | 0.39 | 537 22 | 1520 913 | 0.999 | 14/708 |
| 9/13/2018 19:00 | 680400 | 19/729 | 16/27 | 44/968 | 657 698 | 790 276 | 0.39 | 537 388 | 1520 455 | 0.999 | 14/704 |
| 9/13/2018 19:15 | 681300 | 19/728 | 16/27 | 44/967 | 657 725 | 790 307 | 0.39 | 537 409 | 1520 393 | 0.999 | 14/707 |
| 9/13/2018 19:30 | 682200 | 19/726 | 16/27 | 44/961 | 657 592 | 790 144 | 0.39 | 537 298 | 1520 7 | 0.999 | 14/709 |
| 9/13/2018 19:45 | 683100 | 19/719 | 16/26 | 44/945 | 657 777 | 790 376 | 0.39 | 537 456 | 1520 271 | 0.999 | 14/713 |
| 9/13/2018 20:00 | 684000 | 19/724 | 16/26 | 44/957 | 657 487 | 790 029 | 0.39 | 537 22 | 1520 943 | 0.999 | 14/712 |
| 9/13/2018 20:15 | 684900 | 19/722 | 16/26 | 44/952 | 657 685 | 790 264 | 0.39 | 537 38 | 1520 484 | 0.999 | 14/713 |
| 9/13/2018 20:30 | 685800 | 19/717 | 16/26 | 44/941 | 657 656 | 790 238 | 0.39 | 537 362 | 1520 552 | 0.999 | 14/717 |
| 9/13/2018 20:45 | 686700 | 19/721 | 16/27 | 44/949 | 657 659 | 790 225 | 0.39 | 537 353 | 1520 545 | 0.999 | 14/713 |
| 9/13/2018 21:00 | 687600 | 19/726 | 16/26 | 44/961 | 657 603 | 790 172 | 0.39 | 537 317 | 1520 674 | 0.999 | 14/717 |
| 9/13/2018 21:15 | 688500 | 19/72 | 16/26 | 44/948 | 657 689 | 790 277 | 0.39 | 537 388 | 1520 476 | 0.999 | 14/72 |
| 9/13/2018 21:30 | 689400 | 19/721 | 16/26 | 44/95 | 657 533 | 790 084 | 0.39 | 537 257 | 1520 836 | 0.999 | 14/723 |
| 9/13/2018 21:45 | 690300 | 19/722 | 16/26 | 44/953 | 657 595 | 790 163 | 0.39 | 537 311 | 1520 693 | 0.999 | 14/72 |
| 9/13/2018 22:00 | 691200 | 19/727 | 16/26 | 44/965 | 657 767 | 790 38 | 0.39 | 537 459 | 1520 295 | 0.999 | 14/714 |
| 9/13/2018 22:15 | 692100 | 19/725 | 16/26 | 44/96 | 657 546 | 790 106 | 0.39 | 537 272 | 1520 807 | 0.999 | 14/712 |
| 9/13/2018 22:30 | 693000 | 19/726 | 16/26 | 44/962 | 657 628 | 790 209 | 0.39 | 537 342 | 1520 615 | 0.999 | 14/716 |
| 9/13/2018 22:45 | 693900 | 19/717 | 16/25 | 44/94 | 657 622 | 790 207 | 0.39 | 537 341 | 1520 63 | 0.999 | 14/717 |
| 9/13/2018 23:00 | 694800 | 19/731 | 16/26 | 44/974 | 657 733 | 790 337 | 0.39 | 537 429 | 1520 374 | 0.999 | 14/71 |
| 9/13/2018 23:15 | 695700 | 19/724 | 16/26 | 44/956 | 657 496 | 790 051 | 0.39 | 537 235 | 1520 922 | 0.999 | 14/712 |
| 9/13/2018 23:30 | 696600 | 19/726 | 16/26 | 44/961 | 657 637 | 790 214 | 0.39 | 537 346 | 1520 595 | 0.999 | 14/717 |
| 9/13/2018 23:45 | 697500 | 19/722 | 16/26 | 44/953 | 657 665 | 790 246 | 0.39 | 537 367 | 1520 531 | 0.999 | 14/714 |
| 9/14/2018 0:00 | 698400 | 19/727 | 16/26 | 44/964 | 657 53 | 790 089 | 0.39 | 537 26 | 1520 843 | 0.999 | 14/713 |
| 9/14/2018 0:15 | 699300 | 19/725 | 16/26 | 44/96 | 657 551 | 790 121 | 0.39 | 537 282 | 1520 794 | 0.999 | 14/716 |
| 9/14/2018 0:30 | 700200 | 19/723 | 16/26 | 44/952 | 657 658 | 790 220 | 0.39 | 537 369 | 1520 548 | 0.999 | 14/723 |
| 9/14/2018 0:45 | 701100 | 19/723 | 16/26 | 44/956 | 657 719 | 790 313 | 0.39 | 537 413 | 1520 405 | 0.999 | 14/723 |
| 9/14/2018 1:00 | 702000 | 19/72 | 16/26 | 44/948 | 657 66 | 790 251 | 0.39 | 537 371 | 1520 543 | 0.999 | 14/723 |
| 9/14/2018 1:15 | 702900 | 19/726 | 16/26 | 44/961 | 657 548 | 790 112 | 0.39 | 537 276 | 1520 802 | 0.999 | 14/717 |
| 9/14/2018 1:30 | 703800 | 19/726 | 16/26 | 44/962 | 657 778 | 790 389 | 0.39 | 537 465 | 1520 271 | 0.999 | 14/722 |
| 9/14/2018 1:45 | 704700 | 19/717 | 16/25 | 44/942 | 657 714 | 790 326 | 0.39 | 537 422 | 1520 417 | 0.999 | 14/721 |
| 9/14/2018 1:50 | 705600 | 19/727 | 16/26 | 44/965 | 657 61 | 790 15 | 0.39 | 537 31 | 1520 684 | 0.999 | 14/715 |
| 9/14/2018 2:00 | 706500 | 19/724 | 16/25 | 44/956 | 657 653 | 790 247 | 0.39 | 537 368 | 1520 56 | 0.999 | 14/721 |
| 9/14/2018 2:15 | 707400 | 19/724 | 16/25 | 44/956 | 657 85 | 790 49 | 0.39 | 537 533 | 1520 103 | 0.999 | 14/72 |
| 9/14/2018 2:30 | 708300 | 19/719 | 16/25 | 44/946 | 657 831 | 790 46 | 0.39 | 537 513 | 1520 148 | 0.999 | 14/724 |
| 9/14/2018 2:45 | 709200 | 19/721 | 16/25 | 44/951 | 657 652 | 790 243 | 0.39 | 537 365 | 1520 561 | 0.999 | 14/716 |
| 9/14/2018 3:00 | 710100 | 19/719 | 16/25 | 44/947 | 657 74 | 790 348 | 0.39 | 537 437 | 1520 339 | 0.999 | 14/716 |
| 9/14/2018 3:15 | 711000 | 19/723 | 16/25 | 44/954 | 657 844 | 790 484 | 0.39 | 537 529 | 1520 116 | 0.999 | 14/717 |
| 9/14/2018 3:30 | 711900 | 19/721 | 16/25 | 44/95 | 657 563 | 790 141 | 0.39 | 537 296 | 1520 768 | 0.999 | 14/717 |
| 9/14/2018 3:45 | 712800 | 19/719 | 16/26 | 44/946 | 657 645 | 790 221 | 0.39 | 537 35 | 1520 577 | 0.999 | 14/719 |
| 9/14/2018 4:00 | 713700 | 19/722 | 16/25 | 44/953 | 657 913 | 790 557 | 0.39 | 537 579 | 1519 957 | 0.999 | 14/715 |
| 9/14/2018 4:15 | 714600 | 19/724 | 16/26 | 44/957 | 657 495 | 790 049 | 0.39 | 537 233 | 1520 923 | 0.999 | 14/713 |
| 9/14/2018 4:30 | 715500 | 19/722 | 16/26 | 44/952 | 657 763 | 790 371 | 0.39 | 537 453 | 1520 305 | 0.999 | 14/713 |
| 9/14/2018 4:45 | 716400 | 19/726 | | | | | | | | | |

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|-----------------|--------|-------|--------|--------|---------|---------|-------|---------|----------|-------|--------|
| 9/15/2018 12:30 | 829800 | 19718 | 16.212 | 44.943 | 656.943 | 789.456 | 0.39 | 536.83 | 1522.203 | 0.999 | 14.722 |
| 9/15/2018 12:45 | 830700 | 19724 | 16.212 | 44.957 | 656.971 | 789.481 | 0.39 | 536.847 | 1522.136 | 0.999 | 14.721 |
| 9/15/2018 13:00 | 831600 | 19721 | 16.212 | 44.949 | 657.03 | 789.557 | 0.39 | 536.899 | 1522.152 | 0.999 | 14.723 |
| 9/15/2018 13:15 | 832500 | 19723 | 16.213 | 44.955 | 657.03 | 789.548 | 0.39 | 536.893 | 1522.001 | 0.999 | 14.72 |
| 9/15/2018 13:30 | 833400 | 1972 | 16.213 | 44.948 | 656.935 | 789.425 | 0.39 | 536.809 | 1522.22 | 0.999 | 14.717 |
| 9/15/2018 13:45 | 834300 | 19721 | 16.213 | 44.951 | 656.766 | 789.224 | 0.389 | 536.672 | 1522.614 | 0.999 | 14.717 |
| 9/15/2018 14:00 | 835200 | 19717 | 16.213 | 44.94 | 656.813 | 789.477 | 0.39 | 536.844 | 1522.166 | 0.999 | 14.723 |
| 9/15/2018 14:15 | 836100 | 19724 | 16.213 | 44.957 | 656.866 | 789.339 | 0.39 | 536.75 | 1522.381 | 0.999 | 14.713 |
| 9/15/2018 14:30 | 837000 | 19724 | 16.213 | 44.958 | 656.89 | 789.368 | 0.39 | 536.77 | 1522.324 | 0.999 | 14.715 |
| 9/15/2018 14:45 | 837900 | 19726 | 16.214 | 44.961 | 656.77 | 789.209 | 0.389 | 536.662 | 1522.604 | 0.999 | 14.71 |
| 9/15/2018 15:00 | 838800 | 19724 | 16.214 | 44.956 | 656.854 | 789.316 | 0.39 | 536.735 | 1522.409 | 0.999 | 14.711 |
| 9/15/2018 15:15 | 839700 | 19727 | 16.214 | 44.964 | 656.92 | 789.392 | 0.39 | 536.787 | 1522.256 | 0.999 | 14.708 |
| 9/15/2018 15:30 | 840600 | 19713 | 16.214 | 44.931 | 656.821 | 789.093 | 0.39 | 536.787 | 1522.552 | 0.999 | 14.711 |
| 9/15/2018 15:45 | 841500 | 19721 | 16.214 | 44.95 | 656.697 | 789.12 | 0.389 | 536.602 | 1522.771 | 0.999 | 14.704 |
| 9/15/2018 16:00 | 842400 | 19724 | 16.214 | 44.956 | 656.821 | 789.27 | 0.39 | 536.704 | 1522.485 | 0.999 | 14.704 |
| 9/15/2018 16:15 | 843300 | 19722 | 16.214 | 44.954 | 656.789 | 789.234 | 0.389 | 536.679 | 1522.558 | 0.999 | 14.7 |
| 9/15/2018 16:30 | 844200 | 19731 | 16.214 | 44.974 | 656.942 | 789.415 | 0.39 | 536.802 | 1522.203 | 0.999 | 14.693 |
| 9/15/2018 16:45 | 845100 | 19722 | 16.214 | 44.951 | 656.829 | 789.275 | 0.39 | 536.707 | 1522.466 | 0.999 | 14.699 |
| 9/15/2018 17:00 | 846000 | 19723 | 16.214 | 44.953 | 656.925 | 789.384 | 0.39 | 536.758 | 1522.62 | 0.999 | 14.698 |
| 9/15/2018 17:15 | 846900 | 19728 | 16.214 | 44.965 | 656.771 | 789.21 | 0.389 | 536.663 | 1522.6 | 0.999 | 14.692 |
| 9/15/2018 17:30 | 847800 | 19724 | 16.214 | 44.957 | 656.848 | 789.299 | 0.39 | 536.723 | 1522.423 | 0.999 | 14.694 |
| 9/15/2018 17:45 | 848700 | 19722 | 16.214 | 44.952 | 656.985 | 789.469 | 0.39 | 536.839 | 1522.104 | 0.999 | 14.694 |
| 9/15/2018 18:00 | 849600 | 19715 | 16.214 | 44.937 | 656.742 | 789.177 | 0.389 | 536.64 | 1522.669 | 0.999 | 14.697 |
| 9/15/2018 18:15 | 850500 | 19721 | 16.214 | 44.95 | 656.992 | 789.476 | 0.39 | 536.844 | 1522.088 | 0.999 | 14.696 |
| 9/15/2018 18:30 | 851400 | 19719 | 16.214 | 44.947 | 656.885 | 789.35 | 0.39 | 536.758 | 1522.336 | 0.999 | 14.693 |
| 9/15/2018 18:45 | 852300 | 1972 | 16.214 | 44.948 | 656.882 | 789.352 | 0.39 | 536.759 | 1522.343 | 0.999 | 14.688 |
| 9/15/2018 19:00 | 853200 | 19726 | 16.214 | 44.961 | 656.838 | 789.298 | 0.39 | 536.723 | 1522.446 | 0.999 | 14.685 |
| 9/15/2018 19:15 | 854100 | 19722 | 16.214 | 44.952 | 656.858 | 789.322 | 0.39 | 536.739 | 1522.4 | 0.999 | 14.692 |
| 9/15/2018 19:30 | 855000 | 19729 | 16.214 | 44.968 | 657.02 | 789.514 | 0.39 | 536.87 | 1522.024 | 0.999 | 14.688 |
| 9/15/2018 19:45 | 855900 | 19713 | 16.213 | 44.932 | 657.006 | 789.506 | 0.39 | 536.864 | 1522.055 | 0.999 | 14.7 |
| 9/15/2018 20:00 | 856800 | 19719 | 16.213 | 44.946 | 657.212 | 789.759 | 0.39 | 537.036 | 1521.578 | 0.999 | 14.701 |
| 9/15/2018 20:15 | 857700 | 19724 | 16.213 | 44.958 | 656.987 | 789.482 | 0.39 | 536.848 | 1522.1 | 0.999 | 14.7 |
| 9/15/2018 20:30 | 858600 | 19728 | 16.213 | 44.966 | 657.02 | 789.521 | 0.39 | 536.874 | 1522.023 | 0.999 | 14.698 |
| 9/15/2018 20:45 | 859500 | 19725 | 16.213 | 44.959 | 657.035 | 789.54 | 0.39 | 536.887 | 1521.99 | 0.999 | 14.7 |
| 9/15/2018 21:00 | 860400 | 19718 | 16.213 | 44.943 | 656.994 | 789.491 | 0.39 | 536.854 | 1522.084 | 0.999 | 14.706 |
| 9/15/2018 21:15 | 861300 | 19721 | 16.213 | 44.951 | 657.007 | 789.514 | 0.39 | 536.87 | 1522.054 | 0.999 | 14.704 |
| 9/15/2018 21:30 | 862200 | 19716 | 16.213 | 44.938 | 656.9 | 789.384 | 0.39 | 536.781 | 1522.363 | 0.999 | 14.708 |
| 9/15/2018 21:45 | 863100 | 19719 | 16.213 | 44.946 | 657.217 | 789.766 | 0.39 | 537.041 | 1521.566 | 0.999 | 14.706 |
| 9/15/2018 22:00 | 864000 | 19725 | 16.213 | 44.959 | 657.244 | 789.803 | 0.39 | 537.066 | 1521.506 | 0.999 | 14.701 |
| 9/15/2018 22:15 | 864900 | 19722 | 16.213 | 44.952 | 656.927 | 789.415 | 0.39 | 536.802 | 1522.24 | 0.999 | 14.707 |
| 9/15/2018 22:30 | 865800 | 19716 | 16.213 | 44.938 | 657.127 | 789.66 | 0.39 | 536.969 | 1521.775 | 0.999 | 14.712 |
| 9/15/2018 22:45 | 866700 | 19729 | 16.213 | 44.968 | 657.386 | 789.975 | 0.39 | 537.183 | 1521.176 | 0.999 | 14.703 |
| 9/15/2018 23:00 | 867600 | 19724 | 16.213 | 44.956 | 656.935 | 789.434 | 0.39 | 536.815 | 1522.221 | 0.999 | 14.707 |
| 9/15/2018 23:15 | 868500 | 19716 | 16.213 | 44.939 | 657.178 | 789.724 | 0.39 | 537.024 | 1521.657 | 0.999 | 14.715 |
| 9/15/2018 23:30 | 869400 | 1972 | 16.213 | 44.948 | 657.42 | 790.017 | 0.39 | 537.212 | 1521.098 | 0.999 | 14.711 |
| 9/15/2018 23:45 | 870300 | 19718 | 16.213 | 44.943 | 657.285 | 789.85 | 0.39 | 537.098 | 1521.41 | 0.999 | 14.713 |
| 9/16/2018 0:00 | 871200 | 1972 | 16.213 | 44.949 | 657.286 | 789.852 | 0.39 | 537.099 | 1521.407 | 0.999 | 14.713 |
| 9/16/2018 0:15 | 872100 | 19717 | 16.212 | 44.94 | 657.354 | 789.939 | 0.39 | 537.159 | 1521.251 | 0.999 | 14.712 |
| 9/16/2018 0:30 | 873000 | 1972 | 16.213 | 44.949 | 657.418 | 790.013 | 0.39 | 537.209 | 1521.103 | 0.999 | 14.713 |
| 9/16/2018 0:45 | 873900 | 19719 | 16.213 | 44.945 | 657.519 | 789.891 | 0.39 | 537.126 | 1521.331 | 0.999 | 14.715 |
| 9/16/2018 1:00 | 874800 | 19722 | 16.212 | 44.953 | 657.243 | 789.809 | 0.39 | 537.07 | 1521.508 | 0.999 | 14.712 |
| 9/16/2018 1:15 | 875700 | 19719 | 16.212 | 44.947 | 657.629 | 790.272 | 0.39 | 537.385 | 1520.613 | 0.999 | 14.717 |
| 9/16/2018 1:30 | 876600 | 19725 | 16.212 | 44.96 | 657.477 | 790.088 | 0.39 | 537.26 | 1520.965 | 0.999 | 14.708 |
| 9/16/2018 1:45 | 877500 | 19722 | 16.213 | 44.952 | 657.367 | 789.946 | 0.39 | 537.163 | 1521.219 | 0.999 | 14.715 |
| 9/16/2018 2:00 | 878400 | 19725 | 16.213 | 44.959 | 657.425 | 790.016 | 0.39 | 537.211 | 1521.087 | 0.999 | 14.717 |
| 9/16/2018 2:15 | 879300 | 19718 | 16.213 | 44.944 | 657.695 | 790.345 | 0.39 | 537.434 | 1520.461 | 0.999 | 14.717 |
| 9/16/2018 2:30 | 880200 | 19719 | 16.213 | 44.946 | 657.451 | 790.042 | 0.39 | 537.228 | 1521.026 | 0.999 | 14.717 |
| 9/16/2018 2:45 | 881100 | 19726 | 16.213 | 44.962 | 657.657 | 790.294 | 0.39 | 537.4 | 1520.55 | 0.999 | 14.714 |
| 9/16/2018 3:00 | 882000 | 19725 | 16.213 | 44.96 | 657.459 | 790.051 | 0.39 | 537.235 | 1521.007 | 0.999 | 14.718 |
| 9/16/2018 3:15 | 882900 | 19719 | 16.213 | 44.947 | 657.506 | 790.112 | 0.39 | 537.276 | 1520.898 | 0.999 | 14.717 |
| 9/16/2018 3:30 | 883800 | 19717 | 16.213 | 44.941 | 657.503 | 790.1 | 0.39 | 537.268 | 1520.905 | 0.999 | 14.717 |
| 9/16/2018 3:45 | 884700 | 19723 | 16.213 | 44.952 | 657.579 | 790.394 | 0.39 | 537.434 | 1520.73 | 0.999 | 14.712 |
| 9/16/2018 4:00 | 885600 | 19728 | 16.213 | 44.967 | 657.443 | 790.037 | 0.39 | 537.225 | 1521.044 | 0.999 | 14.712 |
| 9/16/2018 4:15 | 886500 | 1972 | 16.213 | 44.947 | 657.626 | 790.252 | 0.39 | 537.372 | 1520.62 | 0.999 | 14.714 |
| 9/16/2018 4:30 | 887400 | 1972 | 16.214 | 44.948 | 657.26 | 789.802 | 0.39 | 537.066 | 1521.468 | 0.999 | 14.716 |
| 9/16/2018 4:45 | 888300 | 19724 | 16.213 | 44.957 | 657.64 | 790.271 | 0.39 | 537.384 | 1520.588 | 0.999 | 14.715 |
| 9/16/2018 5:00 | 889200 | 1972 | 16.213 | 44.948 | 657.301 | 789.859 | 0.39 | 537.104 | 1521.374 | 0.999 | 14.716 |
| 9/16/2018 5:15 | 890100 | 1972 | 16.214 | 44.948 | 657.223 | 790.041 | 0.39 | 537.08 | 1520.945 | 0.999 | 14.721 |
| 9/16/2018 5:30 | 891000 | 19721 | 16.213 | 44.949 | 657.24 | 789.789 | 0.39 | 537.057 | 1521.515 | 0.999 | 14.716 |
| 9/16/2018 5:45 | 891900 | 19719 | 16.213 | 44.945 | 657.447 | 790.034 | 0.39 | 537.223 | 1521.035 | 0.999 | 14.72 |
| 9/16/2018 6:00 | 892800 | 19718 | 16.214 | 44.943 | 657.488 | 790.078 | 0.39 | 537.253 | 1520.94 | 0.999 | 14.726 |
| 9/16/2018 6:15 | 893700 | 19726 | 16.214 | 44.961 | 657.525 | 790.123 | 0.39 | 537.284 | 1520.854 | 0.999 | 14.728 |
| 9/16/2018 6:30 | 894600 | 19723 | 16.213 | 44.955 | 657.298 | 789.862 | 0.39 | 537.106 | 1521.379 | 0.999 | 14.714 |
| 9/16/2018 6:45 | 895500 | 19716 | 16.213 | 44.946 | 657.485 | 790.281 | 0.39 | 537.253 | 1520.947 | 0.999 | 14.729 |
| 9/16/2018 7:00 | 896400 | 19721 | 16.213 | 44.949 | 657.679 | 790.319 | 0.39 | 537.417 | 1520.498 | 0.999 | 14.726 |
| 9/16/2018 7:15 | 897300 | 19725 | 16.213 | 44.959 | 657.311 | 789.875 | 0.39 | 537.115 | 1521.349 | 0.999 | 14.727 |
| 9/16/2018 7:30 | 898200 | 19724 | 16.213 | 44.956 | 657.556 | 790.171 | 0.39 | 537.316 | 1520.783 | 0.999 | 14.729 |
| 9/16/2018 7:45 | 899100 | 19715 | 16.214 | 44.936 | 657.507 | 790.102 | 0.39 | 537.27 | 1520.897 | 0.999 | 14.735 |
| 9/16/2018 8:00 | 900000 | 19713 | 16.213 | 44.932 | 657.461 | 790.053 | 0.39 | 537.236 | 1521.002 | 0.999 | 14.737 |
| 9/16/2018 8:15 | 900900 | 19718 | 16.213 | 44.944 | 657.24 | 789.789 | 0.39 | 537.057 | 1521.515 | 0.999 | 14.737 |
| 9/16/2018 8:30 | 901800 | 19721 | 16.213 | 44.951 | 657.372 | 789.94 | 0.39 | 537.159 | 1521.209 | 0.999 | 14.732 |
| 9/16/2018 8:45 | 902700 | 1972 | 16.213 | 44.948 | 657.417 | 789.997 | 0.39 | 537.198 | 1521.104 | 0.999 | 14.735 |
| 9/16/2018 9:00 | 903600 | 1972 | 16.214 | 44.948 | 657.408 | 789.979 | 0.39 | 537.186 | 1521.125 | 0.999 | 14.734 |
| 9/16/2018 9:15 | 904500 | 1971 | 16.214 | 44.924 | 657.451 | 790.035 | 0.39 | 537.224 | 1521.026 | 0.999 | 14.742 |
| 9/16/2018 9:30 | 905400 | 1972 | 16.214 | 44.949 | 657.267 | 789.812 | 0.39 | 537.072 | 152 | | |

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|-----------------|---------|-------|--------|--------|---------|---------|-------|---------|----------|-------|--------|
| 9/17/2018 17:15 | 1019700 | 19:27 | 16.21 | 44.964 | 656.05 | 788.412 | 0.389 | 536.12 | 1524.274 | 0.999 | 14.707 |
| 9/17/2018 17:30 | 1020600 | 19:29 | 16.21 | 44.969 | 656.362 | 788.792 | 0.389 | 536.379 | 1523.549 | 0.999 | 14.704 |
| 9/17/2018 17:45 | 1021500 | 19:32 | 16.21 | 44.976 | 656.376 | 788.815 | 0.389 | 536.394 | 1523.516 | 0.999 | 14.704 |
| 9/17/2018 18:00 | 1022400 | 19:28 | 16.21 | 44.966 | 656.001 | 788.36 | 0.389 | 536.085 | 1524.388 | 0.999 | 14.709 |
| 9/17/2018 18:15 | 1023300 | 19:23 | 16.209 | 44.954 | 656.091 | 788.483 | 0.389 | 536.169 | 1524.179 | 0.999 | 14.708 |
| 9/17/2018 18:30 | 1024200 | 19:27 | 16.209 | 44.987 | 655.887 | 788.245 | 0.389 | 536.07 | 1524.653 | 0.999 | 14.7 |
| 9/17/2018 18:45 | 1025100 | 19:24 | 16.209 | 44.968 | 656.044 | 788.43 | 0.389 | 536.132 | 1524.288 | 0.999 | 14.699 |
| 9/17/2018 19:00 | 1026000 | 19:74 | 16.208 | 44.995 | 655.987 | 788.368 | 0.389 | 536.09 | 1524.421 | 0.999 | 14.693 |
| 9/17/2018 19:15 | 1026900 | 19:32 | 16.208 | 44.975 | 656.153 | 788.569 | 0.389 | 536.227 | 1524.035 | 0.999 | 14.702 |
| 9/17/2018 19:30 | 1027800 | 19:32 | 16.208 | 44.976 | 656.088 | 788.493 | 0.389 | 536.175 | 1524.186 | 0.999 | 14.7 |
| 9/17/2018 19:45 | 1028700 | 19:32 | 16.208 | 44.974 | 656.164 | 788.594 | 0.389 | 536.244 | 1524.009 | 0.999 | 14.701 |
| 9/17/2018 20:00 | 1029600 | 19:26 | 16.208 | 44.961 | 656.335 | 788.803 | 0.389 | 536.386 | 1523.611 | 0.999 | 14.706 |
| 9/17/2018 20:15 | 1030500 | 19:26 | 16.207 | 44.962 | 655.93 | 788.32 | 0.389 | 536.058 | 1524.554 | 0.999 | 14.706 |
| 9/17/2018 20:30 | 1031400 | 19:23 | 16.207 | 44.978 | 655.866 | 788.245 | 0.389 | 536.07 | 1524.701 | 0.999 | 14.705 |
| 9/17/2018 20:45 | 1032300 | 19:73 | 16.207 | 44.97 | 656.052 | 788.47 | 0.389 | 536.16 | 1524.269 | 0.999 | 14.706 |
| 9/17/2018 21:00 | 1033200 | 19:23 | 16.207 | 44.955 | 656.074 | 788.506 | 0.389 | 536.184 | 1524.218 | 0.999 | 14.714 |
| 9/17/2018 21:15 | 1034100 | 19:22 | 16.207 | 44.954 | 655.9 | 788.286 | 0.389 | 536.034 | 1524.623 | 0.999 | 14.713 |
| 9/17/2018 21:30 | 1035000 | 19:22 | 16.207 | 44.953 | 656.173 | 788.627 | 0.389 | 536.266 | 1523.988 | 0.999 | 14.716 |
| 9/17/2018 21:45 | 1035900 | 19:29 | 16.209 | 44.947 | 656.374 | 788.274 | 0.389 | 536.372 | 1524.071 | 0.999 | 14.715 |
| 9/17/2018 22:00 | 1036800 | 19:29 | 16.206 | 44.968 | 656.221 | 788.686 | 0.389 | 536.307 | 1523.876 | 0.999 | 14.713 |
| 9/17/2018 22:15 | 1037700 | 19:28 | 16.206 | 44.965 | 656.359 | 788.853 | 0.389 | 536.42 | 1523.557 | 0.999 | 14.716 |
| 9/17/2018 22:30 | 1038600 | 19:24 | 16.206 | 44.956 | 656.498 | 789.019 | 0.389 | 536.533 | 1523.234 | 0.999 | 14.718 |
| 9/17/2018 22:45 | 1039500 | 19:29 | 16.207 | 44.945 | 656.25 | 788.719 | 0.389 | 536.329 | 1523.81 | 0.999 | 14.719 |
| 9/17/2018 23:00 | 1040400 | 19:22 | 16.207 | 44.954 | 655.963 | 788.366 | 0.389 | 536.089 | 1524.477 | 0.999 | 14.722 |
| 9/17/2018 23:15 | 1041300 | 19:28 | 16.206 | 44.966 | 656.3 | 788.783 | 0.389 | 536.372 | 1523.693 | 0.999 | 14.712 |
| 9/17/2018 23:30 | 1042200 | 19:23 | 16.206 | 44.956 | 656.072 | 788.509 | 0.389 | 536.186 | 1524.224 | 0.999 | 14.717 |
| 9/17/2018 23:45 | 1043100 | 19:22 | 16.206 | 44.953 | 656.256 | 788.732 | 0.389 | 536.338 | 1523.797 | 0.999 | 14.717 |
| 9/18/2018 0:00 | 1044000 | 19:23 | 16.207 | 44.955 | 656.168 | 788.62 | 0.389 | 536.261 | 1523.999 | 0.999 | 14.714 |
| 9/18/2018 0:15 | 1044900 | 19:23 | 16.207 | 44.955 | 656.17 | 788.622 | 0.389 | 536.263 | 1523.995 | 0.999 | 14.716 |
| 9/18/2018 0:30 | 1045800 | 19:23 | 16.207 | 44.955 | 656.19 | 788.643 | 0.389 | 536.278 | 1523.95 | 0.999 | 14.714 |
| 9/18/2018 0:45 | 1046700 | 19:26 | 16.206 | 44.961 | 656.267 | 788.748 | 0.389 | 536.349 | 1523.789 | 0.999 | 14.718 |
| 9/18/2018 1:00 | 1047600 | 19:73 | 16.207 | 44.97 | 656.324 | 788.808 | 0.389 | 536.389 | 1523.639 | 0.999 | 14.714 |
| 9/18/2018 1:15 | 1048500 | 19:25 | 16.207 | 44.959 | 656.232 | 788.695 | 0.389 | 536.312 | 1523.85 | 0.999 | 14.719 |
| 9/18/2018 1:30 | 1049400 | 19:25 | 16.207 | 44.96 | 656.541 | 789.067 | 0.389 | 536.566 | 1523.135 | 0.999 | 14.712 |
| 9/18/2018 1:45 | 1050300 | 19:27 | 16.207 | 44.965 | 656.665 | 789.214 | 0.389 | 536.666 | 1522.847 | 0.999 | 14.716 |
| 9/18/2018 2:00 | 1051200 | 19:31 | 16.207 | 44.973 | 656.546 | 789.073 | 0.389 | 536.57 | 1523.122 | 0.999 | 14.711 |
| 9/18/2018 2:15 | 1052100 | 19:73 | 16.207 | 44.972 | 656.594 | 789.239 | 0.389 | 536.628 | 1523.011 | 0.999 | 14.711 |
| 9/18/2018 2:30 | 1053000 | 19:27 | 16.207 | 44.965 | 656.511 | 789.027 | 0.389 | 536.538 | 1523.203 | 0.999 | 14.712 |
| 9/18/2018 2:45 | 1053900 | 19:29 | 16.207 | 44.968 | 656.299 | 788.768 | 0.389 | 536.362 | 1523.696 | 0.999 | 14.713 |
| 9/18/2018 3:00 | 1054800 | 19:23 | 16.207 | 44.956 | 656.499 | 789.009 | 0.389 | 536.526 | 1523.232 | 0.999 | 14.713 |
| 9/18/2018 3:15 | 1055700 | 19:26 | 16.208 | 44.962 | 656.785 | 789.345 | 0.39 | 536.754 | 1522.568 | 0.999 | 14.71 |
| 9/18/2018 3:30 | 1056600 | 19:29 | 16.207 | 44.968 | 656.408 | 788.895 | 0.389 | 536.449 | 1523.442 | 0.999 | 14.709 |
| 9/18/2018 3:45 | 1057500 | 19:23 | 16.207 | 44.956 | 656.402 | 788.893 | 0.389 | 536.447 | 1523.466 | 0.999 | 14.714 |
| 9/18/2018 4:00 | 1058400 | 19:29 | 16.207 | 44.969 | 656.4 | 789.008 | 0.389 | 536.477 | 1523.461 | 0.999 | 14.71 |
| 9/18/2018 4:15 | 1059300 | 19:28 | 16.208 | 44.967 | 656.915 | 789.492 | 0.39 | 536.854 | 1522.267 | 0.999 | 14.71 |
| 9/18/2018 4:30 | 1060200 | 19:24 | 16.208 | 44.956 | 656.478 | 788.967 | 0.389 | 536.498 | 1523.281 | 0.999 | 14.714 |
| 9/18/2018 4:45 | 1061100 | 19:23 | 16.208 | 44.954 | 656.591 | 789.099 | 0.389 | 536.587 | 1523.018 | 0.999 | 14.715 |
| 9/18/2018 5:00 | 1062000 | 19:25 | 16.208 | 44.958 | 656.886 | 789.45 | 0.39 | 536.826 | 1522.334 | 0.999 | 14.715 |
| 9/18/2018 5:15 | 1062900 | 19:72 | 16.208 | 44.949 | 656.819 | 789.377 | 0.39 | 536.776 | 1522.488 | 0.999 | 14.719 |
| 9/18/2018 5:30 | 1063800 | 19:24 | 16.208 | 44.956 | 656.879 | 789.44 | 0.39 | 536.819 | 1522.35 | 0.999 | 14.715 |
| 9/18/2018 5:45 | 1064700 | 19:28 | 16.209 | 44.966 | 656.946 | 789.518 | 0.39 | 536.872 | 1522.195 | 0.999 | 14.71 |
| 9/18/2018 6:00 | 1065600 | 19:24 | 16.209 | 44.957 | 656.62 | 789.124 | 0.389 | 536.604 | 1522.951 | 0.999 | 14.72 |
| 9/18/2018 6:15 | 1066500 | 19:31 | 16.208 | 44.974 | 656.852 | 789.415 | 0.39 | 536.802 | 1522.412 | 0.999 | 14.716 |
| 9/18/2018 6:30 | 1067400 | 19:23 | 16.208 | 44.955 | 656.944 | 789.527 | 0.39 | 536.878 | 1522.199 | 0.999 | 14.724 |
| 9/18/2018 6:45 | 1068300 | 19:22 | 16.209 | 44.952 | 656.873 | 789.429 | 0.39 | 536.811 | 1522.364 | 0.999 | 14.725 |
| 9/18/2018 7:00 | 1069200 | 19:72 | 16.209 | 44.962 | 656.734 | 789.274 | 0.39 | 536.706 | 1522.686 | 0.999 | 14.722 |
| 9/18/2018 7:15 | 1070100 | 19:23 | 16.209 | 44.978 | 656.981 | 789.556 | 0.39 | 536.898 | 1522.114 | 0.999 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 19:23 | 16.209 | 44.955 | 656.682 | 789.2 | 0.389 | 536.656 | 1522.808 | 0.999 | 14.725 |
| 9/18/2018 7:45 | 1071900 | 19:24 | 16.208 | 44.957 | 657.008 | 789.603 | 0.39 | 536.93 | 1522.052 | 0.999 | 14.723 |
| 9/18/2018 8:00 | 1072800 | 19:24 | 16.209 | 44.957 | 656.994 | 789.577 | 0.39 | 536.912 | 1522.084 | 0.999 | 14.724 |
| 9/18/2018 8:15 | 1073700 | 19:24 | 16.208 | 44.957 | 656.69 | 789.213 | 0.389 | 536.665 | 1522.789 | 0.999 | 14.726 |
| 9/18/2018 8:30 | 1074600 | 19:29 | 16.209 | 44.968 | 656.901 | 789.465 | 0.39 | 536.836 | 1522.299 | 0.999 | 14.724 |
| 9/18/2018 8:45 | 1075500 | 19:29 | 16.209 | 44.945 | 656.801 | 789.344 | 0.39 | 536.754 | 1522.532 | 0.999 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 19:21 | 16.209 | 44.95 | 656.639 | 789.147 | 0.389 | 536.62 | 1522.907 | 0.999 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 19:22 | 16.209 | 44.952 | 656.791 | 789.328 | 0.39 | 536.743 | 1522.553 | 0.999 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 19:24 | 16.209 | 44.956 | 656.958 | 789.526 | 0.39 | 536.878 | 1522.167 | 0.999 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 19:29 | 16.209 | 44.945 | 656.824 | 789.362 | 0.39 | 536.766 | 1522.477 | 0.999 | 14.731 |
| 9/18/2018 10:00 | 1080000 | 19:24 | 16.209 | 44.949 | 656.934 | 789.274 | 0.39 | 536.706 | 1522.287 | 0.999 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 19:25 | 16.209 | 44.96 | 656.614 | 789.112 | 0.389 | 536.596 | 1522.964 | 0.999 | 14.73 |
| 9/18/2018 10:30 | 1081800 | 19:25 | 16.209 | 44.959 | 656.885 | 789.43 | 0.39 | 536.812 | 1523.337 | 0.999 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 19:24 | 16.209 | 44.956 | 656.911 | 789.47 | 0.39 | 536.84 | 1522.277 | 0.999 | 14.726 |
| 9/18/2018 11:00 | 1083600 | 19:24 | 16.209 | 44.958 | 656.61 | 789.101 | 0.389 | 536.589 | 1522.975 | 0.999 | 14.728 |
| 9/18/2018 11:15 | 1084500 | 19:25 | 16.209 | 44.958 | 656.841 | 789.381 | 0.39 | 536.779 | 1522.438 | 0.999 | 14.728 |
| 9/18/2018 11:30 | 1085400 | 19:23 | 16.21 | 44.956 | 656.648 | 789.143 | 0.389 | 536.617 | 1522.887 | 0.999 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 19:28 | 16.21 | 44.944 | 656.949 | 789.502 | 0.39 | 536.862 | 1522.188 | 0.999 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 19:72 | 16.209 | 44.948 | 656.438 | 788.897 | 0.389 | 536.45 | 1523.373 | 0.999 | 14.727 |
| 9/18/2018 12:15 | 1088100 | 19:25 | 16.21 | 44.96 | 656.647 | 789.137 | 0.389 | 536.613 | 1522.889 | 0.999 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 19:29 | 16.209 | 44.946 | 656.955 | 789.516 | 0.39 | 536.871 | 1522.173 | 0.999 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 19:23 | 16.21 | 44.956 | 656.551 | 789.024 | 0.389 | 536.536 | 1523.11 | 0.999 | 14.723 |
| 9/18/2018 13:00 | 1090800 | 19:23 | 16.211 | 44.954 | 656.847 | 789.363 | 0.39 | 536.82 | 1522.426 | 0.999 | 14.721 |
| 9/18/2018 13:15 | 1091700 | 19:26 | 16.21 | 44.96 | 656.506 | 788.961 | 0.389 | 536.493 | 1523.214 | 0.999 | 14.717 |
| 9/18/2018 13:30 | 1092600 | 19:31 | 16.21 | 44.974 | 656.845 | 789.364 | 0.39 | 536.768 | 1522.429 | 0.999 | 14.713 |
| 9/18/2018 13:45 | 1093500 | 19:22 | 16.211 | 44.952 | 656.504 | 788.952 | 0.389 | 536.487 | 1523.219 | 0.999 | 14.716 |
| 9/18/2018 14:00 | 1094400 | 19:31 | 16.211 | 44.973 | 656.688 | 789.164 | 0.389 | 536.632 | 1 | | |

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|-----------------|---------|-------|-------|--------|---------|---------|-------|---------|----------|-------|--------|
| 9/19/2018 22:00 | 1209600 | 19732 | 16209 | 44.976 | 656.298 | 788.724 | 0.389 | 536.333 | 1523.698 | 0.999 | 14.649 |
| 9/19/2018 22:15 | 1210500 | 19732 | 16209 | 44.976 | 656.147 | 788.558 | 0.389 | 536.219 | 1524.048 | 0.999 | 14.647 |
| 9/19/2018 22:30 | 1211400 | 1973 | 16209 | 44.971 | 656.189 | 788.606 | 0.389 | 536.252 | 1523.952 | 0.999 | 14.649 |
| 9/19/2018 22:45 | 1212300 | 19723 | 16209 | 44.955 | 656.16 | 788.563 | 0.389 | 536.223 | 1524.021 | 0.999 | 14.651 |
| 9/19/2018 23:00 | 1213200 | 1973 | 16209 | 44.971 | 656.129 | 788.537 | 0.389 | 536.205 | 1524.091 | 0.999 | 14.646 |
| 9/19/2018 23:15 | 1214100 | 19723 | 16209 | 44.955 | 656.41 | 788.872 | 0.389 | 536.433 | 1523.437 | 0.999 | 14.651 |
| 9/19/2018 23:30 | 1215000 | 19729 | 16209 | 44.968 | 656.42 | 788.879 | 0.389 | 536.433 | 1523.415 | 0.999 | 14.646 |
| 9/19/2018 23:45 | 1215900 | 19728 | 16209 | 44.966 | 656.511 | 788.985 | 0.389 | 536.51 | 1523.204 | 0.999 | 14.648 |
| 9/20/2018 0:00 | 1216800 | 19722 | 1621 | 44.952 | 656.351 | 788.785 | 0.389 | 536.373 | 1523.576 | 0.999 | 14.649 |
| 9/20/2018 0:15 | 1217700 | 19727 | 16209 | 44.965 | 656.456 | 788.919 | 0.389 | 536.465 | 1523.331 | 0.999 | 14.644 |
| 9/20/2018 0:30 | 1218600 | 19729 | 16209 | 44.968 | 656.725 | 789.24 | 0.389 | 536.683 | 1522.708 | 0.999 | 14.642 |
| 9/20/2018 0:45 | 1219500 | 19729 | 16209 | 44.969 | 656.307 | 788.737 | 0.389 | 536.341 | 1523.676 | 0.999 | 14.644 |
| 9/20/2018 1:00 | 1220400 | 19726 | 16209 | 44.963 | 656.497 | 788.974 | 0.389 | 536.503 | 1523.237 | 0.999 | 14.642 |
| 9/20/2018 1:15 | 1221300 | 19729 | 16209 | 44.968 | 656.475 | 788.946 | 0.389 | 536.483 | 1523.288 | 0.999 | 14.64 |
| 9/20/2018 1:30 | 1222200 | 19732 | 16209 | 44.975 | 656.667 | 789.184 | 0.389 | 536.645 | 1522.842 | 0.999 | 14.637 |
| 9/20/2018 1:45 | 1223100 | 19729 | 16209 | 44.967 | 656.552 | 789.039 | 0.389 | 536.547 | 1523.109 | 0.999 | 14.64 |
| 9/20/2018 2:00 | 1224000 | 19726 | 16209 | 44.961 | 656.605 | 789.106 | 0.389 | 536.592 | 1522.986 | 0.999 | 14.644 |
| 9/20/2018 2:15 | 1224900 | 19723 | 16209 | 44.955 | 656.513 | 788.999 | 0.389 | 536.519 | 1523.199 | 0.999 | 14.647 |
| 9/20/2018 2:30 | 1225800 | 1973 | 16209 | 44.973 | 656.78 | 789.35 | 0.39 | 536.785 | 1522.528 | 0.999 | 14.645 |
| 9/20/2018 2:45 | 1226700 | 19723 | 16209 | 44.955 | 656.661 | 789.174 | 0.389 | 536.638 | 1522.855 | 0.999 | 14.645 |
| 9/20/2018 3:00 | 1227600 | 19735 | 16209 | 44.982 | 656.607 | 789.106 | 0.389 | 536.592 | 1522.981 | 0.999 | 14.634 |
| 9/20/2018 3:15 | 1228500 | 19729 | 16209 | 44.968 | 656.604 | 789.108 | 0.389 | 536.593 | 1522.989 | 0.999 | 14.641 |
| 9/20/2018 3:30 | 1229400 | 19727 | 16208 | 44.963 | 656.667 | 789.19 | 0.389 | 536.65 | 1522.841 | 0.999 | 14.645 |
| 9/20/2018 3:45 | 1230300 | 1973 | 16209 | 44.97 | 656.804 | 789.342 | 0.39 | 536.752 | 1522.525 | 0.999 | 14.64 |
| 9/20/2018 4:00 | 1231200 | 19731 | 16208 | 44.973 | 656.892 | 789.462 | 0.39 | 536.834 | 1522.32 | 0.999 | 14.638 |
| 9/20/2018 4:15 | 1232100 | 19733 | 16208 | 44.978 | 656.684 | 789.212 | 0.389 | 536.664 | 1522.803 | 0.999 | 14.635 |
| 9/20/2018 4:30 | 1233000 | 19727 | 16209 | 44.965 | 656.892 | 789.451 | 0.39 | 536.827 | 1522.32 | 0.999 | 14.641 |
| 9/20/2018 4:45 | 1233900 | 19727 | 16208 | 44.965 | 656.82 | 789.381 | 0.39 | 536.779 | 1522.487 | 0.999 | 14.64 |
| 9/20/2018 5:00 | 1234800 | 19731 | 16208 | 44.972 | 656.64 | 789.154 | 0.389 | 536.625 | 1522.906 | 0.999 | 14.638 |
| 9/20/2018 5:15 | 1235700 | 19734 | 16208 | 44.981 | 656.964 | 789.549 | 0.39 | 536.894 | 1522.152 | 0.999 | 14.638 |
| 9/20/2018 5:30 | 1236600 | 19732 | 16208 | 44.975 | 656.798 | 789.307 | 0.39 | 536.729 | 1522.611 | 0.999 | 14.64 |
| 9/20/2018 5:45 | 1237500 | 19726 | 16208 | 44.962 | 656.906 | 789.482 | 0.39 | 536.848 | 1522.287 | 0.999 | 14.646 |
| 9/20/2018 6:00 | 1238400 | 19731 | 16208 | 44.973 | 656.72 | 789.265 | 0.389 | 536.701 | 1522.718 | 0.999 | 14.643 |
| 9/20/2018 6:15 | 1239300 | 19725 | 16208 | 44.96 | 656.693 | 789.23 | 0.389 | 536.676 | 1522.781 | 0.999 | 14.65 |
| 9/20/2018 6:30 | 1240200 | 19733 | 16207 | 44.977 | 656.879 | 789.461 | 0.39 | 536.833 | 1522.35 | 0.999 | 14.642 |
| 9/20/2018 6:45 | 1241100 | 19731 | 16208 | 44.973 | 656.71 | 789.253 | 0.389 | 536.692 | 1522.742 | 0.999 | 14.647 |
| 9/20/2018 7:00 | 1242000 | 19728 | 16208 | 44.968 | 656.792 | 789.348 | 0.39 | 536.757 | 1522.552 | 0.999 | 14.653 |
| 9/20/2018 7:15 | 1242900 | 19732 | 16207 | 44.975 | 657.037 | 789.649 | 0.39 | 536.961 | 1521.984 | 0.999 | 14.652 |
| 9/20/2018 7:30 | 1243800 | 19725 | 16207 | 44.96 | 656.639 | 789.17 | 0.389 | 536.636 | 1522.908 | 0.999 | 14.655 |
| 9/20/2018 7:45 | 1244700 | 19726 | 16207 | 44.963 | 656.965 | 789.573 | 0.39 | 536.91 | 1522.152 | 0.999 | 14.661 |
| 9/20/2018 8:00 | 1245600 | 19726 | 16207 | 44.962 | 656.639 | 789.174 | 0.389 | 536.638 | 1522.907 | 0.999 | 14.661 |
| 9/20/2018 8:15 | 1246500 | 1972 | 16207 | 44.948 | 656.661 | 789.207 | 0.389 | 536.661 | 1522.856 | 0.999 | 14.663 |
| 9/20/2018 8:30 | 1247400 | 19725 | 16207 | 44.96 | 656.651 | 789.185 | 0.389 | 536.646 | 1522.879 | 0.999 | 14.662 |
| 9/20/2018 8:45 | 1248300 | 19721 | 16207 | 44.951 | 656.772 | 789.333 | 0.39 | 536.747 | 1522.699 | 0.999 | 14.665 |
| 9/20/2018 9:00 | 1249200 | 1972 | 16207 | 44.949 | 656.496 | 789.004 | 0.389 | 536.523 | 1523.238 | 0.999 | 14.665 |
| 9/20/2018 9:15 | 1250100 | 19721 | 16207 | 44.951 | 656.64 | 789.183 | 0.389 | 536.645 | 1522.904 | 0.999 | 14.666 |
| 9/20/2018 9:30 | 1251000 | 19726 | 16207 | 44.961 | 656.563 | 789.081 | 0.389 | 536.575 | 1523.083 | 0.999 | 14.664 |
| 9/20/2018 9:45 | 1251900 | 19726 | 16207 | 44.96 | 656.658 | 789.206 | 0.389 | 536.66 | 1522.862 | 0.999 | 14.667 |
| 9/20/2018 10:00 | 1252800 | 19719 | 16207 | 44.947 | 656.373 | 788.853 | 0.389 | 536.42 | 1523.524 | 0.999 | 14.667 |
| 9/20/2018 10:15 | 1253700 | 19723 | 16208 | 44.954 | 656.447 | 788.935 | 0.389 | 536.476 | 1523.253 | 0.999 | 14.668 |
| 9/20/2018 10:30 | 1254600 | 19721 | 16207 | 44.951 | 656.464 | 788.961 | 0.389 | 536.494 | 1523.214 | 0.999 | 14.668 |
| 9/20/2018 10:45 | 1255500 | 19719 | 16207 | 44.946 | 656.345 | 788.824 | 0.389 | 536.401 | 1523.588 | 0.999 | 14.671 |
| 9/20/2018 11:00 | 1256400 | 19721 | 16208 | 44.949 | 656.342 | 788.809 | 0.389 | 536.39 | 1523.597 | 0.999 | 14.669 |
| 9/20/2018 11:15 | 1257300 | 19714 | 16208 | 44.935 | 656.381 | 788.848 | 0.389 | 536.417 | 1523.506 | 0.999 | 14.671 |
| 9/20/2018 11:30 | 1258200 | 19729 | 16208 | 44.968 | 656.329 | 788.787 | 0.389 | 536.375 | 1523.626 | 0.999 | 14.662 |
| 9/20/2018 11:45 | 1259100 | 19722 | 16208 | 44.952 | 656.17 | 788.589 | 0.389 | 536.24 | 1523.994 | 0.999 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 19725 | 16209 | 44.959 | 656.362 | 788.816 | 0.389 | 536.395 | 1523.549 | 0.999 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 19719 | 16209 | 44.945 | 656.264 | 788.695 | 0.389 | 536.312 | 1523.777 | 0.999 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 19719 | 16209 | 44.946 | 656.144 | 788.552 | 0.389 | 536.215 | 1524.056 | 0.999 | 14.669 |
| 9/20/2018 12:45 | 1262700 | 19723 | 16209 | 44.955 | 656.303 | 788.74 | 0.389 | 536.343 | 1523.686 | 0.999 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 19719 | 16209 | 44.946 | 656.3 | 788.742 | 0.389 | 536.345 | 1523.694 | 0.999 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 19715 | 16209 | 44.933 | 656.485 | 788.954 | 0.389 | 536.488 | 1523.265 | 0.999 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 19716 | 16209 | 44.939 | 656.322 | 788.758 | 0.389 | 536.356 | 1523.642 | 0.999 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 1972 | 16209 | 44.947 | 656.348 | 788.787 | 0.389 | 536.375 | 1523.581 | 0.999 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 19717 | 16209 | 44.941 | 656.531 | 789.013 | 0.389 | 536.529 | 1523.156 | 0.999 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 19721 | 16209 | 44.95 | 656.181 | 788.591 | 0.389 | 536.242 | 1523.969 | 0.999 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 19728 | 1621 | 44.967 | 656.284 | 788.698 | 0.389 | 536.314 | 1523.732 | 0.999 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 19721 | 16209 | 44.947 | 656.188 | 788.589 | 0.389 | 536.285 | 1523.954 | 0.999 | 14.667 |
| 9/20/2018 15:00 | 1270800 | 19727 | 1621 | 44.965 | 656.342 | 788.772 | 0.389 | 536.365 | 1523.595 | 0.999 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 19726 | 1621 | 44.961 | 656.32 | 788.75 | 0.389 | 536.35 | 1523.646 | 0.999 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 19723 | 1621 | 44.956 | 656.236 | 788.641 | 0.389 | 536.276 | 1523.843 | 0.999 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 19723 | 1621 | 44.954 | 656.986 | 788.344 | 0.389 | 536.074 | 1524.422 | 0.999 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 19721 | 1621 | 44.951 | 656.176 | 788.568 | 0.389 | 536.227 | 1523.981 | 0.999 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 19723 | 1621 | 44.954 | 656.11 | 788.515 | 0.389 | 536.19 | 1524.088 | 0.999 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 19725 | 1621 | 44.959 | 656.335 | 788.768 | 0.389 | 536.362 | 1523.611 | 0.999 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 19721 | 1621 | 44.95 | 656.029 | 788.392 | 0.389 | 536.106 | 1524.323 | 0.999 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 19722 | 1621 | 44.953 | 656.078 | 788.443 | 0.389 | 536.141 | 1524.209 | 0.999 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 19722 | 1621 | 44.953 | 656.03 | 788.393 | 0.389 | 536.107 | 1524.32 | 0.999 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 19717 | 1621 | 44.942 | 656.251 | 788.662 | 0.389 | 536.29 | 1523.806 | 0.999 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 19719 | 1621 | 44.946 | 655.85 | 788.18 | 0.389 | 535.962 | 1524.738 | 0.999 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 19725 | 16211 | 44.959 | 656.301 | 788.709 | 0.389 | 536.322 | 1523.691 | 0.999 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 19727 | 16209 | 44.964 | 656.05 | 788.429 | 0.389 | 536.132 | 1524.275 | 0.999 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 19719 | 1621 | 44.946 | 656.106 | 788.488 | 0.389 | 536.172 | 1524.143 | 0.999 | 14.66 |
| 9/20/2018 18:45 | 1284300 | 19719 | 16209 | 44.947 | 656.253 | 788.674 | 0.389 | 536.298 | 1523.802 | 0.999 | 14.661 |
| 9/20/2018 19:00 | 1285200 | 19724 | 16209 | 44.958 | 656.35 | 788.786 | 0.389 | 536.375 | 1523.578 | 0.999 | |

| | | | | | | | | | | | |
|-----------------|---------|-------|-------|--------|---------|---------|-------|---------|----------|-------|--------|
| 9/22/2018 2:45 | 1399500 | 19711 | 16214 | 44.927 | 656.487 | 788.863 | 0.389 | 536.427 | 1523.259 | 0.999 | 14.726 |
| 9/22/2018 3:00 | 1400400 | 19721 | 16215 | 44.951 | 656.211 | 788.518 | 0.389 | 536.192 | 1523.9 | 0.999 | 14.717 |
| 9/22/2018 3:15 | 1401300 | 19711 | 16215 | 44.927 | 656.289 | 788.607 | 0.389 | 536.253 | 1523.719 | 0.999 | 14.72 |
| 9/22/2018 3:30 | 1402200 | 19719 | 16216 | 44.945 | 656.188 | 788.476 | 0.389 | 536.164 | 1523.953 | 0.999 | 14.713 |
| 9/22/2018 3:45 | 1403100 | 19712 | 16215 | 44.93 | 656.37 | 788.703 | 0.389 | 536.318 | 1523.531 | 0.999 | 14.719 |
| 9/22/2018 4:00 | 1404000 | 19709 | 16216 | 44.924 | 656.236 | 788.538 | 0.389 | 536.206 | 1523.843 | 0.999 | 14.715 |
| 9/22/2018 4:15 | 1404900 | 19715 | 16215 | 44.933 | 656.086 | 788.588 | 0.389 | 536.083 | 1523.204 | 0.999 | 14.719 |
| 9/22/2018 4:30 | 1405800 | 19723 | 16215 | 44.954 | 656.303 | 788.623 | 0.389 | 536.264 | 1523.685 | 0.999 | 14.708 |
| 9/22/2018 4:45 | 1406700 | 19708 | 16216 | 44.921 | 656.462 | 788.81 | 0.389 | 536.391 | 1523.317 | 0.999 | 14.723 |
| 9/22/2018 5:00 | 1407600 | 19708 | 16215 | 44.919 | 656.286 | 788.604 | 0.389 | 536.25 | 1523.726 | 0.999 | 14.718 |
| 9/22/2018 5:15 | 1408500 | 19708 | 16215 | 44.921 | 656.445 | 788.799 | 0.389 | 536.384 | 1523.556 | 0.999 | 14.721 |
| 9/22/2018 5:30 | 1409400 | 19714 | 16215 | 44.933 | 656.396 | 788.737 | 0.389 | 536.341 | 1523.47 | 0.999 | 14.716 |
| 9/22/2018 5:45 | 1410300 | 19717 | 16216 | 44.941 | 656.44 | 788.8 | 0.389 | 536.384 | 1523.369 | 0.999 | 14.715 |
| 9/22/2018 6:00 | 1411200 | 19717 | 16215 | 44.94 | 656.49 | 788.849 | 0.389 | 536.417 | 1523.251 | 0.999 | 14.715 |
| 9/22/2018 6:15 | 1412100 | 19719 | 16215 | 44.946 | 656.077 | 788.357 | 0.389 | 536.083 | 1524.212 | 0.999 | 14.717 |
| 9/22/2018 6:30 | 1413000 | 19714 | 16214 | 44.934 | 656.245 | 788.57 | 0.389 | 536.227 | 1523.822 | 0.999 | 14.72 |
| 9/22/2018 6:45 | 1413900 | 19717 | 16214 | 44.942 | 656.285 | 788.62 | 0.389 | 536.261 | 1523.728 | 0.999 | 14.721 |
| 9/22/2018 7:00 | 1414800 | 19713 | 16215 | 44.931 | 656.095 | 788.383 | 0.389 | 536.101 | 1524.17 | 0.999 | 14.72 |
| 9/22/2018 7:15 | 1415700 | 19714 | 16215 | 44.932 | 656.227 | 788.527 | 0.389 | 536.135 | 1523.895 | 0.999 | 14.717 |
| 9/22/2018 7:30 | 1416600 | 19706 | 16214 | 44.915 | 656.413 | 788.777 | 0.389 | 536.369 | 1523.43 | 0.999 | 14.726 |
| 9/22/2018 7:45 | 1417500 | 19717 | 16215 | 44.942 | 656.261 | 788.586 | 0.389 | 536.239 | 1523.783 | 0.999 | 14.72 |
| 9/22/2018 8:00 | 1418400 | 19714 | 16214 | 44.935 | 656.138 | 788.441 | 0.389 | 536.14 | 1524.07 | 0.999 | 14.721 |
| 9/22/2018 8:15 | 1419300 | 19706 | 16215 | 44.916 | 656.338 | 788.681 | 0.389 | 536.303 | 1523.605 | 0.999 | 14.733 |
| 9/22/2018 8:30 | 1420200 | 19716 | 16215 | 44.938 | 656.394 | 788.742 | 0.389 | 536.344 | 1523.474 | 0.999 | 14.722 |
| 9/22/2018 8:45 | 1421100 | 19711 | 16214 | 44.926 | 656.13 | 788.433 | 0.389 | 536.135 | 1524.889 | 0.999 | 14.725 |
| 9/22/2018 9:00 | 1422000 | 19716 | 16215 | 44.938 | 656.259 | 788.581 | 0.389 | 536.235 | 1523.788 | 0.999 | 14.726 |
| 9/22/2018 9:15 | 1422900 | 19711 | 16215 | 44.929 | 656.27 | 788.599 | 0.389 | 536.247 | 1523.762 | 0.999 | 14.728 |
| 9/22/2018 9:30 | 1423800 | 1971 | 16215 | 44.925 | 656.354 | 788.698 | 0.389 | 536.315 | 1523.568 | 0.999 | 14.732 |
| 9/22/2018 9:45 | 1424700 | 1971 | 16214 | 44.925 | 656.183 | 788.495 | 0.389 | 536.177 | 1523.966 | 0.999 | 14.73 |
| 9/22/2018 10:00 | 1425600 | 19701 | 16215 | 44.904 | 656.316 | 788.649 | 0.389 | 536.282 | 1523.656 | 0.999 | 14.735 |
| 9/22/2018 10:15 | 1426500 | 19705 | 16214 | 44.925 | 656.017 | 788.302 | 0.389 | 536.045 | 1524.352 | 0.999 | 14.736 |
| 9/22/2018 10:30 | 1427400 | 19707 | 16214 | 44.919 | 656.234 | 788.557 | 0.389 | 536.219 | 1523.847 | 0.999 | 14.732 |
| 9/22/2018 10:45 | 1428300 | 19705 | 16214 | 44.914 | 656.185 | 788.5 | 0.389 | 536.18 | 1523.96 | 0.999 | 14.737 |
| 9/22/2018 11:00 | 1429200 | 19711 | 16215 | 44.926 | 655.933 | 788.189 | 0.389 | 535.969 | 1524.545 | 0.999 | 14.732 |
| 9/22/2018 11:15 | 1430100 | 19706 | 16215 | 44.917 | 656.24 | 788.558 | 0.389 | 536.219 | 1523.833 | 0.999 | 14.733 |
| 9/22/2018 11:30 | 1431000 | 19716 | 16215 | 44.938 | 656.182 | 788.491 | 0.389 | 536.174 | 1523.967 | 0.999 | 14.731 |
| 9/22/2018 11:45 | 1431900 | 19702 | 16214 | 44.907 | 656.121 | 788.421 | 0.389 | 536.126 | 1524.11 | 0.999 | 14.733 |
| 9/22/2018 12:00 | 1432800 | 19709 | 16215 | 44.923 | 655.951 | 788.207 | 0.389 | 535.981 | 1524.505 | 0.999 | 14.732 |
| 9/22/2018 12:15 | 1433700 | 19712 | 16215 | 44.93 | 656.275 | 788.593 | 0.389 | 536.243 | 1523.753 | 0.999 | 14.731 |
| 9/22/2018 12:30 | 1434600 | 19705 | 16215 | 44.914 | 656.086 | 788.368 | 0.389 | 536.09 | 1524.19 | 0.999 | 14.734 |
| 9/22/2018 12:45 | 1435500 | 19703 | 16215 | 44.908 | 656.209 | 788.514 | 0.389 | 536.189 | 1523.906 | 0.999 | 14.733 |
| 9/22/2018 13:00 | 1436400 | 19717 | 16215 | 44.941 | 655.832 | 788.059 | 0.389 | 535.88 | 1524.781 | 0.999 | 14.722 |
| 9/22/2018 13:15 | 1437300 | 1971 | 16215 | 44.925 | 656.22 | 788.527 | 0.389 | 536.198 | 1523.88 | 0.999 | 14.73 |
| 9/22/2018 13:30 | 1438200 | 19708 | 16215 | 44.921 | 656.13 | 788.55 | 0.389 | 536.114 | 1523.849 | 0.999 | 14.735 |
| 9/22/2018 13:45 | 1439100 | 19709 | 16216 | 44.924 | 656.232 | 788.536 | 0.389 | 536.205 | 1523.85 | 0.999 | 14.721 |
| 9/22/2018 14:00 | 1440000 | 1971 | 16216 | 44.925 | 656.065 | 788.334 | 0.389 | 536.067 | 1524.24 | 0.999 | 14.721 |
| 9/22/2018 14:15 | 1440900 | 19715 | 16215 | 44.936 | 655.982 | 788.243 | 0.389 | 536.005 | 1524.431 | 0.999 | 14.717 |
| 9/22/2018 14:30 | 1441800 | 19718 | 16215 | 44.943 | 656.037 | 788.308 | 0.389 | 536.05 | 1524.303 | 0.999 | 14.716 |
| 9/22/2018 14:45 | 1442700 | 19716 | 16215 | 44.938 | 655.944 | 788.194 | 0.389 | 535.972 | 1524.521 | 0.999 | 14.715 |
| 9/22/2018 15:00 | 1443600 | 19713 | 16215 | 44.933 | 655.87 | 788.105 | 0.389 | 535.911 | 1524.693 | 0.999 | 14.714 |
| 9/22/2018 15:15 | 1444500 | 19719 | 16216 | 44.945 | 655.968 | 788.218 | 0.389 | 535.989 | 1524.464 | 0.999 | 14.713 |
| 9/22/2018 15:30 | 1445400 | 19709 | 16215 | 44.923 | 656.173 | 788.466 | 0.389 | 536.157 | 1523.988 | 0.999 | 14.712 |
| 9/22/2018 15:45 | 1446300 | 19712 | 16215 | 44.93 | 655.707 | 787.909 | 0.389 | 535.778 | 1525.071 | 0.999 | 14.711 |
| 9/22/2018 16:00 | 1447200 | 19717 | 16216 | 44.942 | 655.774 | 787.98 | 0.389 | 535.826 | 1524.917 | 0.999 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 19714 | 16216 | 44.934 | 655.78 | 787.989 | 0.389 | 535.833 | 1524.902 | 0.999 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 19712 | 16215 | 44.93 | 655.922 | 788.128 | 0.389 | 535.927 | 1524.642 | 0.999 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 19708 | 16215 | 44.921 | 655.869 | 788.104 | 0.389 | 535.911 | 1524.695 | 0.999 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 19721 | 16216 | 44.949 | 655.902 | 788.134 | 0.389 | 535.931 | 1524.618 | 0.999 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 19717 | 16216 | 44.941 | 655.665 | 787.845 | 0.389 | 535.734 | 1525.169 | 0.999 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 19713 | 16216 | 44.931 | 655.603 | 787.778 | 0.389 | 535.689 | 1525.313 | 0.999 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 19714 | 16216 | 44.934 | 655.778 | 787.989 | 0.389 | 535.832 | 1524.902 | 0.999 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 19717 | 16216 | 44.941 | 655.97 | 788.211 | 0.389 | 535.984 | 1524.46 | 0.999 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 19725 | 16216 | 44.96 | 655.606 | 787.774 | 0.389 | 535.686 | 1525.306 | 0.999 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 19715 | 16215 | 44.936 | 655.76 | 787.97 | 0.389 | 535.82 | 1524.948 | 0.999 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 19714 | 16216 | 44.935 | 655.752 | 787.959 | 0.389 | 535.812 | 1524.966 | 0.999 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 19719 | 16215 | 44.946 | 655.823 | 788.052 | 0.389 | 535.875 | 1524.802 | 0.999 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 19712 | 16215 | 44.929 | 655.779 | 787.998 | 0.389 | 535.839 | 1524.905 | 0.999 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 19711 | 16215 | 44.928 | 655.55 | 787.722 | 0.389 | 535.644 | 1525.118 | 0.999 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 19719 | 16215 | 44.947 | 655.766 | 787.982 | 0.389 | 535.828 | 1524.934 | 0.999 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 19714 | 16215 | 44.934 | 655.707 | 787.91 | 0.389 | 535.779 | 1525.071 | 0.999 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 19716 | 16216 | 44.939 | 655.719 | 787.918 | 0.389 | 535.784 | 1525.043 | 0.999 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 19714 | 16216 | 44.935 | 655.76 | 787.959 | 0.389 | 535.812 | 1524.948 | 0.999 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 19709 | 16216 | 44.922 | 656.014 | 788.272 | 0.389 | 536.025 | 1524.357 | 0.999 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 19712 | 16215 | 44.946 | 655.645 | 787.858 | 0.389 | 535.742 | 1524.46 | 0.999 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 19716 | 16215 | 44.938 | 655.835 | 788.063 | 0.389 | 535.883 | 1524.775 | 0.999 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 19708 | 16215 | 44.92 | 655.85 | 788.08 | 0.389 | 535.894 | 1524.738 | 0.999 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 19714 | 16215 | 44.934 | 655.907 | 788.152 | 0.389 | 535.944 | 1524.607 | 0.999 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 19712 | 16215 | 44.931 | 655.727 | 787.94 | 0.389 | 535.799 | 1525.024 | 0.999 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 19717 | 16215 | 44.942 | 655.761 | 787.981 | 0.389 | 535.827 | 1524.945 | 0.999 | 14.694 |
| 9/22/2018 22:30 | 1470600 | 19712 | 16215 | 44.929 | 655.917 | 788.164 | 0.389 | 535.951 | 1524.583 | 0.999 | 14.694 |
| 9/22/2018 22:45 | 1471500 | 19714 | 16215 | 44.935 | 655.802 | 788.143 | 0.389 | 535.938 | 1524.619 | 0.999 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 19713 | 16215 | 44.933 | 655.979 | 788.246 | 0.389 | 536.008 | 1524.438 | 0.999 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 19719 | 16215 | 44.946 | 656.019 | 788.288 | 0.389 | 536.036 | 1524.346 | 0.999 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 19717 | 16215 | 44.941 | 655.792 | 788.022 | 0.389 | 535.855 | 1524.875 | 0.999 | 14.691 |
| 9/22/20 | | | | | | | | | | | |

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|-----------------|---------|-------|-------|--------|---------|---------|-------|---------|----------|-------|--------|
| 9/24/2018 7:30 | 1589400 | 19721 | 16211 | 44.95 | 655.82 | 788.127 | 0.389 | 535.927 | 1524.809 | 0.999 | 14.668 |
| 9/24/2018 7:45 | 1590300 | 19722 | 16211 | 44.953 | 655.872 | 788.186 | 0.389 | 535.966 | 1524.687 | 0.999 | 14.667 |
| 9/24/2018 8:00 | 1591200 | 1971 | 16211 | 44.926 | 655.898 | 788.215 | 0.389 | 535.986 | 1524.628 | 0.999 | 14.675 |
| 9/24/2018 8:15 | 1592100 | 19713 | 16211 | 44.931 | 655.986 | 788.319 | 0.389 | 536.057 | 1524.424 | 0.999 | 14.677 |
| 9/24/2018 8:30 | 1593000 | 19717 | 16211 | 44.94 | 655.684 | 787.95 | 0.389 | 535.806 | 1525.125 | 0.999 | 14.671 |
| 9/24/2018 8:45 | 1593900 | 19724 | 16211 | 44.956 | 655.924 | 788.24 | 0.389 | 536.003 | 1524.568 | 0.999 | 14.674 |
| 9/24/2018 9:00 | 1594800 | 19715 | 16211 | 44.937 | 655.821 | 788.187 | 0.389 | 535.877 | 1524.666 | 0.999 | 14.676 |
| 9/24/2018 9:15 | 1595700 | 19716 | 16211 | 44.94 | 655.725 | 788.009 | 0.389 | 535.846 | 1525.028 | 0.999 | 14.675 |
| 9/24/2018 9:30 | 1596600 | 19715 | 16211 | 44.937 | 655.93 | 788.251 | 0.389 | 536.011 | 1524.554 | 0.999 | 14.675 |
| 9/24/2018 9:45 | 1597500 | 19717 | 16212 | 44.941 | 655.72 | 787.992 | 0.389 | 535.834 | 1525.042 | 0.999 | 14.681 |
| 9/24/2018 10:00 | 1598400 | 19713 | 16211 | 44.932 | 656.038 | 788.376 | 0.389 | 536.096 | 1524.303 | 0.999 | 14.682 |
| 9/24/2018 10:15 | 1599300 | 19714 | 16211 | 44.934 | 655.777 | 788.005 | 0.389 | 535.884 | 1524.908 | 0.999 | 14.682 |
| 9/24/2018 10:30 | 1600200 | 19715 | 16211 | 44.937 | 655.821 | 788.125 | 0.389 | 535.925 | 1524.792 | 0.999 | 14.681 |
| 9/24/2018 10:45 | 1601100 | 19715 | 16211 | 44.937 | 655.729 | 788.004 | 0.389 | 535.842 | 1525.021 | 0.999 | 14.681 |
| 9/24/2018 11:00 | 1602000 | 1971 | 16211 | 44.924 | 655.72 | 788 | 0.389 | 535.84 | 1525.041 | 0.999 | 14.689 |
| 9/24/2018 11:15 | 1602900 | 1972 | 16212 | 44.948 | 655.552 | 787.79 | 0.389 | 535.697 | 1525.432 | 0.999 | 14.681 |
| 9/24/2018 11:30 | 1603800 | 1972 | 16211 | 44.949 | 655.803 | 788.096 | 0.389 | 535.905 | 1524.849 | 0.999 | 14.675 |
| 9/24/2018 11:45 | 1604700 | 19715 | 16211 | 44.937 | 655.38 | 787.593 | 0.389 | 535.563 | 1525.832 | 0.999 | 14.68 |
| 9/24/2018 12:00 | 1605600 | 19717 | 16212 | 44.94 | 655.299 | 787.452 | 0.389 | 535.468 | 1524.794 | 0.999 | 14.668 |
| 9/24/2018 12:15 | 1606500 | 19714 | 16211 | 44.935 | 655.598 | 787.856 | 0.389 | 535.742 | 1525.325 | 0.999 | 14.682 |
| 9/24/2018 12:30 | 1607400 | 1971 | 16212 | 44.925 | 655.43 | 787.635 | 0.389 | 535.592 | 1525.716 | 0.999 | 14.684 |
| 9/24/2018 12:45 | 1608300 | 19713 | 16212 | 44.932 | 655.573 | 787.811 | 0.389 | 535.711 | 1525.383 | 0.999 | 14.683 |
| 9/24/2018 13:00 | 1609200 | 19717 | 16211 | 44.941 | 655.41 | 787.62 | 0.389 | 535.582 | 1525.763 | 0.999 | 14.677 |
| 9/24/2018 13:15 | 1610100 | 19724 | 16212 | 44.957 | 655.361 | 787.546 | 0.389 | 535.531 | 1525.876 | 0.999 | 14.671 |
| 9/24/2018 13:30 | 1611000 | 19718 | 16212 | 44.943 | 655.279 | 787.452 | 0.389 | 535.468 | 1526.067 | 0.999 | 14.677 |
| 9/24/2018 13:45 | 1611900 | 19709 | 16212 | 44.924 | 655.363 | 787.55 | 0.389 | 535.534 | 1525.872 | 0.999 | 14.668 |
| 9/24/2018 14:00 | 1612800 | 19719 | 16212 | 44.946 | 655.186 | 787.337 | 0.389 | 535.389 | 1526.284 | 0.999 | 14.672 |
| 9/24/2018 14:15 | 1613700 | 19716 | 16212 | 44.939 | 655.47 | 787.678 | 0.389 | 535.621 | 1525.624 | 0.999 | 14.676 |
| 9/24/2018 14:30 | 1614600 | 19712 | 16212 | 44.93 | 655.293 | 787.464 | 0.389 | 535.475 | 1526.036 | 0.999 | 14.675 |
| 9/24/2018 14:45 | 1615500 | 19719 | 16213 | 44.946 | 655.294 | 787.462 | 0.389 | 535.474 | 1526.033 | 0.999 | 14.668 |
| 9/24/2018 15:00 | 1616400 | 19716 | 16213 | 44.938 | 655.049 | 787.148 | 0.388 | 535.274 | 1526.603 | 0.999 | 14.673 |
| 9/24/2018 15:15 | 1617300 | 19724 | 16213 | 44.958 | 655.215 | 787.368 | 0.389 | 535.41 | 1526.216 | 0.999 | 14.669 |
| 9/24/2018 15:30 | 1618200 | 19722 | 16213 | 44.952 | 655.096 | 787.217 | 0.388 | 535.308 | 1526.493 | 0.999 | 14.665 |
| 9/24/2018 15:45 | 1619100 | 19717 | 16213 | 44.941 | 655.062 | 787.174 | 0.388 | 535.279 | 1526.573 | 0.999 | 14.67 |
| 9/24/2018 16:00 | 1620000 | 19709 | 16213 | 44.924 | 655.212 | 787.364 | 0.389 | 535.408 | 1526.223 | 0.999 | 14.674 |
| 9/24/2018 16:15 | 1620900 | 19721 | 16213 | 44.95 | 655.075 | 787.197 | 0.388 | 535.294 | 1526.543 | 0.999 | 14.669 |
| 9/24/2018 16:30 | 1621800 | 19715 | 16213 | 44.936 | 655.176 | 787.319 | 0.389 | 535.377 | 1526.307 | 0.999 | 14.673 |
| 9/24/2018 16:45 | 1622700 | 19728 | 16213 | 44.944 | 655.2 | 787.34 | 0.389 | 535.391 | 1526.251 | 0.999 | 14.668 |
| 9/24/2018 17:00 | 1623600 | 19723 | 16213 | 44.954 | 655.046 | 787.16 | 0.388 | 535.269 | 1526.609 | 0.999 | 14.665 |
| 9/24/2018 17:15 | 1624500 | 19723 | 16213 | 44.955 | 654.94 | 787.03 | 0.388 | 535.181 | 1526.858 | 0.999 | 14.662 |
| 9/24/2018 17:30 | 1625400 | 19715 | 16213 | 44.937 | 655.213 | 787.363 | 0.389 | 535.407 | 1526.222 | 0.999 | 14.668 |
| 9/24/2018 17:45 | 1626300 | 19717 | 16212 | 44.94 | 654.882 | 786.975 | 0.388 | 535.143 | 1526.992 | 0.999 | 14.667 |
| 9/24/2018 18:00 | 1627200 | 19716 | 16213 | 44.939 | 654.86 | 786.935 | 0.388 | 535.116 | 1527.043 | 0.999 | 14.666 |
| 9/24/2018 18:15 | 1628100 | 19714 | 16213 | 44.935 | 655.41 | 787.267 | 0.388 | 535.142 | 1526.389 | 0.999 | 14.667 |
| 9/24/2018 18:30 | 1629000 | 19714 | 16213 | 44.935 | 654.929 | 787.016 | 0.388 | 535.171 | 1526.883 | 0.999 | 14.666 |
| 9/24/2018 18:45 | 1629900 | 1972 | 16213 | 44.949 | 654.865 | 786.939 | 0.388 | 535.118 | 1527.032 | 0.999 | 14.665 |
| 9/24/2018 19:00 | 1630800 | 19715 | 16213 | 44.936 | 654.948 | 787.037 | 0.388 | 535.185 | 1526.838 | 0.999 | 14.668 |
| 9/24/2018 19:15 | 1631700 | 1972 | 16213 | 44.948 | 654.791 | 786.847 | 0.388 | 535.056 | 1527.205 | 0.999 | 14.663 |
| 9/24/2018 19:30 | 1632600 | 19724 | 16213 | 44.957 | 654.851 | 786.925 | 0.388 | 535.109 | 1527.066 | 0.999 | 14.666 |
| 9/24/2018 19:45 | 1633500 | 19716 | 16212 | 44.939 | 655.17 | 787.316 | 0.389 | 535.275 | 1526.222 | 0.999 | 14.668 |
| 9/24/2018 20:00 | 1634400 | 19719 | 16212 | 44.945 | 654.984 | 787.096 | 0.388 | 535.225 | 1526.755 | 0.999 | 14.67 |
| 9/24/2018 20:15 | 1635300 | 19719 | 16212 | 44.945 | 654.827 | 786.909 | 0.388 | 535.098 | 1527.12 | 0.999 | 14.671 |
| 9/24/2018 20:30 | 1636200 | 19721 | 16212 | 44.95 | 654.957 | 787.07 | 0.388 | 535.208 | 1526.817 | 0.999 | 14.67 |
| 9/24/2018 20:45 | 1637100 | 19711 | 16212 | 44.927 | 655.042 | 787.166 | 0.388 | 535.273 | 1526.62 | 0.999 | 14.681 |
| 9/24/2018 21:00 | 1638000 | 19721 | 16212 | 44.95 | 654.828 | 786.914 | 0.388 | 535.101 | 1527.118 | 0.999 | 14.675 |
| 9/24/2018 21:15 | 1638900 | 19716 | 16212 | 44.939 | 655.149 | 787.299 | 0.388 | 535.364 | 1526.37 | 0.999 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 19717 | 16212 | 44.942 | 654.868 | 786.961 | 0.388 | 535.134 | 1527.026 | 0.999 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 19717 | 16212 | 44.94 | 654.916 | 787.016 | 0.388 | 535.171 | 1526.914 | 0.999 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 19721 | 16212 | 44.95 | 654.929 | 787.038 | 0.388 | 535.186 | 1526.883 | 0.999 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 19713 | 16212 | 44.932 | 654.886 | 786.985 | 0.388 | 535.15 | 1526.984 | 0.999 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 19715 | 16211 | 44.936 | 655.036 | 787.173 | 0.388 | 535.277 | 1526.634 | 0.999 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 19716 | 16212 | 44.929 | 654.826 | 786.919 | 0.388 | 535.05 | 1527.123 | 0.999 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 19715 | 16211 | 44.937 | 654.786 | 786.877 | 0.388 | 535.077 | 1527.216 | 0.999 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 19715 | 16211 | 44.936 | 654.871 | 786.977 | 0.388 | 535.144 | 1527.017 | 0.999 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 19712 | 16211 | 44.931 | 654.752 | 786.833 | 0.388 | 535.046 | 1527.297 | 0.999 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 1972 | 16212 | 44.948 | 654.943 | 787.058 | 0.388 | 535.199 | 1526.851 | 0.999 | 14.681 |
| 9/25/2018 0:00 | 1648800 | 19714 | 16211 | 44.934 | 654.777 | 786.867 | 0.388 | 535.07 | 1527.239 | 0.999 | 14.688 |
| 9/25/2018 0:15 | 1649700 | 19714 | 16211 | 44.934 | 655.023 | 787.137 | 0.388 | 535.237 | 1526.712 | 0.999 | 14.689 |
| 9/25/2018 0:30 | 1650600 | 19716 | 16212 | 44.939 | 654.836 | 786.924 | 0.388 | 535.109 | 1527.101 | 0.999 | 14.688 |
| 9/25/2018 0:45 | 1651500 | 19717 | 16212 | 44.942 | 654.912 | 787.021 | 0.388 | 535.174 | 1526.922 | 0.999 | 14.686 |
| 9/25/2018 1:00 | 1652400 | 19712 | 16211 | 44.93 | 654.812 | 786.91 | 0.388 | 535.099 | 1527.156 | 0.999 | 14.691 |
| 9/25/2018 1:15 | 1653300 | 19715 | 16211 | 44.936 | 654.638 | 786.696 | 0.388 | 534.953 | 1527.562 | 0.999 | 14.688 |
| 9/25/2018 1:30 | 1654200 | 19713 | 16212 | 44.932 | 655.097 | 787.24 | 0.388 | 535.233 | 1526.49 | 0.999 | 14.688 |
| 9/25/2018 1:45 | 1655100 | 19715 | 16212 | 44.932 | 654.905 | 787.013 | 0.388 | 535.169 | 1526.938 | 0.999 | 14.69 |
| 9/25/2018 2:00 | 1656000 | 19711 | 16211 | 44.927 | 655.135 | 787.292 | 0.388 | 535.359 | 1526.402 | 0.999 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 19715 | 16211 | 44.936 | 654.995 | 787.124 | 0.388 | 535.244 | 1526.729 | 0.999 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 19717 | 16211 | 44.942 | 654.976 | 787.105 | 0.388 | 535.232 | 1526.774 | 0.999 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 19717 | 16212 | 44.941 | 655.039 | 787.172 | 0.388 | 535.277 | 1526.625 | 0.999 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 19709 | 16212 | 44.923 | 654.907 | 787.01 | 0.388 | 535.167 | 1526.93 | 0.999 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 19715 | 16212 | 44.937 | 655.183 | 787.344 | 0.389 | 535.394 | 1526.292 | 0.999 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 19714 | 16211 | 44.935 | 655.033 | 787.171 | 0.388 | 535.276 | 1526.641 | 0.999 | 14.687 |
| 9/25/2018 3:45 | 1662300 | 19712 | 16212 | 44.929 | 655.204 | 787.368 | 0.389 | 535.41 | 1526.243 | 0.999 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 19708 | 16212 | 44.92 | 654.924 | 787.032 | 0.388 | 535.182 | 1526.894 | 0.999 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 19723 | 16212 | 44.955 | 655.105 | 787.251 | 0.388 | 535.331 | 1526.473 | 0.999 | 14.68 |
| 9/25/2018 | | | | | | | | | | | |

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|-----------------|---------|-------|-------|--------|---------|---------|-------|---------|----------|-------|--------|
| 9/26/2018 12:15 | 1779300 | 19716 | 16212 | 44.939 | 654.887 | 786.98 | 0.388 | 535.146 | 1526.98 | 0.999 | 14.723 |
| 9/26/2018 12:30 | 1780200 | 19713 | 16212 | 44.932 | 654.938 | 787.041 | 0.388 | 535.188 | 1526.862 | 0.999 | 14.729 |
| 9/26/2018 12:45 | 1781100 | 19713 | 16212 | 44.933 | 654.878 | 786.977 | 0.388 | 535.144 | 1527.003 | 0.999 | 14.731 |
| 9/26/2018 13:00 | 1782000 | 19713 | 16212 | 44.932 | 654.869 | 786.956 | 0.388 | 535.13 | 1527.023 | 0.999 | 14.731 |
| 9/26/2018 13:15 | 1782900 | 19712 | 16212 | 44.948 | 654.806 | 786.879 | 0.388 | 535.078 | 1527.169 | 0.999 | 14.723 |
| 9/26/2018 13:30 | 1783800 | 19712 | 16212 | 44.93 | 654.927 | 787.033 | 0.388 | 535.182 | 1526.887 | 0.999 | 14.73 |
| 9/26/2018 13:45 | 1784700 | 19715 | 16212 | 44.936 | 654.904 | 787 | 0.388 | 535.16 | 1526.941 | 0.999 | 14.724 |
| 9/26/2018 14:00 | 1785600 | 19707 | 16212 | 44.917 | 654.726 | 786.789 | 0.388 | 535.017 | 1527.356 | 0.999 | 14.73 |
| 9/26/2018 14:15 | 1786500 | 19716 | 16212 | 44.938 | 654.897 | 786.987 | 0.388 | 535.151 | 1526.958 | 0.999 | 14.724 |
| 9/26/2018 14:30 | 1787400 | 19711 | 16212 | 44.927 | 654.977 | 787.088 | 0.388 | 535.22 | 1526.77 | 0.999 | 14.724 |
| 9/26/2018 14:45 | 1788300 | 19715 | 16212 | 44.937 | 654.872 | 786.968 | 0.388 | 535.139 | 1527.015 | 0.999 | 14.722 |
| 9/26/2018 15:00 | 1789200 | 19712 | 16212 | 44.929 | 654.63 | 786.668 | 0.388 | 534.934 | 1527.58 | 0.999 | 14.719 |
| 9/26/2018 15:15 | 1790100 | 19709 | 16212 | 44.923 | 654.936 | 787.036 | 0.388 | 535.185 | 1526.868 | 0.999 | 14.719 |
| 9/26/2018 15:30 | 1791000 | 19722 | 16212 | 44.953 | 654.772 | 786.84 | 0.388 | 535.051 | 1527.249 | 0.999 | 14.716 |
| 9/26/2018 15:45 | 1791900 | 19709 | 16212 | 44.923 | 654.808 | 786.893 | 0.388 | 535.087 | 1527.165 | 0.999 | 14.724 |
| 9/26/2018 16:00 | 1792800 | 19717 | 16212 | 44.941 | 654.563 | 786.593 | 0.388 | 534.883 | 1527.738 | 0.999 | 14.723 |
| 9/26/2018 16:15 | 1793700 | 19717 | 16211 | 44.941 | 654.725 | 786.798 | 0.388 | 535.023 | 1527.358 | 0.999 | 14.723 |
| 9/26/2018 16:30 | 1794600 | 19714 | 16212 | 44.934 | 654.554 | 786.581 | 0.388 | 534.875 | 1527.759 | 0.999 | 14.721 |
| 9/26/2018 16:45 | 1795500 | 19712 | 16212 | 44.946 | 654.78 | 786.812 | 0.388 | 535.032 | 1527.528 | 0.999 | 14.717 |
| 9/26/2018 17:00 | 1796400 | 19719 | 16212 | 44.945 | 654.635 | 786.678 | 0.388 | 534.941 | 1527.569 | 0.999 | 14.72 |
| 9/26/2018 17:15 | 1797300 | 19716 | 16212 | 44.939 | 654.522 | 786.544 | 0.388 | 534.85 | 1527.833 | 0.999 | 14.718 |
| 9/26/2018 17:30 | 1798200 | 19717 | 16212 | 44.941 | 654.663 | 786.715 | 0.388 | 534.966 | 1527.504 | 0.999 | 14.724 |
| 9/26/2018 17:45 | 1799100 | 19713 | 16211 | 44.933 | 654.561 | 786.606 | 0.388 | 534.892 | 1527.74 | 0.999 | 14.725 |
| 9/26/2018 18:00 | 1800000 | 19709 | 16212 | 44.923 | 654.538 | 786.566 | 0.388 | 534.865 | 1527.796 | 0.999 | 14.727 |
| 9/26/2018 18:15 | 1800900 | 19714 | 16211 | 44.935 | 654.683 | 786.748 | 0.388 | 534.989 | 1527.458 | 0.999 | 14.725 |
| 9/26/2018 18:30 | 1801800 | 19714 | 16212 | 44.934 | 654.497 | 786.512 | 0.388 | 534.829 | 1527.891 | 0.999 | 14.722 |
| 9/26/2018 18:45 | 1802700 | 19708 | 16212 | 44.92 | 654.486 | 786.505 | 0.388 | 534.824 | 1527.917 | 0.999 | 14.728 |
| 9/26/2018 19:00 | 1803600 | 19709 | 16212 | 44.923 | 654.693 | 786.748 | 0.388 | 534.988 | 1527.434 | 0.999 | 14.727 |
| 9/26/2018 19:15 | 1804500 | 19707 | 16211 | 44.919 | 654.497 | 786.529 | 0.388 | 534.84 | 1527.89 | 0.999 | 14.73 |
| 9/26/2018 19:30 | 1805400 | 19713 | 16212 | 44.933 | 654.561 | 786.598 | 0.388 | 534.887 | 1527.74 | 0.999 | 14.723 |
| 9/26/2018 19:45 | 1806300 | 19717 | 16212 | 44.942 | 654.402 | 786.405 | 0.388 | 534.755 | 1528.113 | 0.999 | 14.718 |
| 9/26/2018 20:00 | 1807200 | 19713 | 16213 | 44.931 | 654.693 | 786.74 | 0.388 | 534.983 | 1527.434 | 0.999 | 14.722 |
| 9/26/2018 20:15 | 1808100 | 19718 | 16212 | 44.943 | 654.486 | 786.5 | 0.388 | 534.82 | 1527.916 | 0.999 | 14.719 |
| 9/26/2018 20:30 | 1809000 | 19714 | 16212 | 44.934 | 654.418 | 786.419 | 0.388 | 534.765 | 1528.075 | 0.999 | 14.724 |
| 9/26/2018 20:45 | 1809900 | 19714 | 16212 | 44.934 | 654.493 | 786.505 | 0.388 | 534.823 | 1527.899 | 0.999 | 14.723 |
| 9/26/2018 21:00 | 1810800 | 19712 | 16212 | 44.929 | 654.354 | 786.339 | 0.388 | 534.711 | 1528.224 | 0.999 | 14.722 |
| 9/26/2018 21:15 | 1811700 | 19715 | 16212 | 44.936 | 654.561 | 786.594 | 0.388 | 534.884 | 1527.742 | 0.999 | 14.722 |
| 9/26/2018 21:30 | 1812600 | 19717 | 16212 | 44.941 | 654.518 | 786.539 | 0.388 | 534.847 | 1527.842 | 0.999 | 14.719 |
| 9/26/2018 21:45 | 1813500 | 1971 | 16212 | 44.924 | 654.697 | 786.755 | 0.388 | 534.994 | 1527.425 | 0.999 | 14.724 |
| 9/26/2018 22:00 | 1814400 | 19714 | 16212 | 44.933 | 654.477 | 786.495 | 0.388 | 534.817 | 1527.937 | 0.999 | 14.722 |
| 9/26/2018 22:15 | 1815300 | 19717 | 16212 | 44.941 | 654.633 | 786.679 | 0.388 | 534.942 | 1527.573 | 0.999 | 14.714 |
| 9/26/2018 22:30 | 1816200 | 19706 | 16212 | 44.917 | 654.609 | 786.65 | 0.388 | 534.922 | 1527.629 | 0.999 | 14.725 |
| 9/26/2018 22:45 | 1817100 | 19709 | 16212 | 44.924 | 654.405 | 786.401 | 0.388 | 534.753 | 1528.105 | 0.999 | 14.721 |
| 9/26/2018 23:00 | 1818000 | 19712 | 16212 | 44.927 | 654.799 | 786.74 | 0.388 | 535.074 | 1527.186 | 0.999 | 14.726 |
| 9/26/2018 23:15 | 1818900 | 19708 | 16212 | 44.92 | 654.721 | 786.775 | 0.388 | 535.007 | 1527.369 | 0.999 | 14.724 |
| 9/26/2018 23:30 | 1819800 | 19709 | 16212 | 44.923 | 654.609 | 786.641 | 0.388 | 534.916 | 1527.63 | 0.999 | 14.719 |
| 9/26/2018 23:45 | 1820700 | 19711 | 16212 | 44.929 | 654.566 | 786.599 | 0.388 | 534.887 | 1527.73 | 0.999 | 14.719 |
| 9/27/2018 0:00 | 1821600 | 19706 | 16212 | 44.916 | 654.608 | 786.648 | 0.388 | 534.921 | 1527.633 | 0.999 | 14.724 |
| 9/27/2018 0:15 | 1822500 | 19716 | 16212 | 44.939 | 654.794 | 786.867 | 0.388 | 535.069 | 1527.197 | 0.999 | 14.714 |
| 9/27/2018 0:30 | 1823400 | 19715 | 16213 | 44.937 | 654.638 | 786.668 | 0.388 | 534.924 | 1527.561 | 0.999 | 14.715 |
| 9/27/2018 0:45 | 1824300 | 19709 | 16213 | 44.922 | 654.662 | 786.7 | 0.388 | 534.956 | 1527.505 | 0.999 | 14.715 |
| 9/27/2018 1:00 | 1825200 | 19707 | 16212 | 44.919 | 654.618 | 786.653 | 0.388 | 534.924 | 1527.609 | 0.999 | 14.715 |
| 9/27/2018 1:15 | 1826100 | 19716 | 16213 | 44.939 | 654.778 | 786.842 | 0.388 | 535.052 | 1527.236 | 0.999 | 14.715 |
| 9/27/2018 1:30 | 1827000 | 1971 | 16212 | 44.926 | 654.879 | 786.975 | 0.388 | 535.143 | 1526.999 | 0.999 | 14.714 |
| 9/27/2018 1:45 | 1827900 | 19714 | 16213 | 44.933 | 654.979 | 787.078 | 0.388 | 535.213 | 1526.765 | 0.999 | 14.707 |
| 9/27/2018 2:00 | 1828800 | 19719 | 16212 | 44.946 | 654.745 | 786.804 | 0.388 | 535.027 | 1527.313 | 0.999 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 19717 | 16212 | 44.942 | 654.898 | 786.988 | 0.388 | 535.152 | 1526.956 | 0.999 | 14.705 |
| 9/27/2018 2:30 | 1830600 | 19713 | 16213 | 44.932 | 654.686 | 786.726 | 0.388 | 534.974 | 1527.449 | 0.999 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 19714 | 16213 | 44.933 | 654.667 | 786.701 | 0.388 | 534.957 | 1527.494 | 0.999 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 19713 | 16213 | 44.933 | 654.831 | 786.903 | 0.388 | 535.094 | 1527.112 | 0.999 | 14.706 |
| 9/27/2018 3:15 | 1833300 | 1971 | 16213 | 44.925 | 654.909 | 786.992 | 0.388 | 535.154 | 1526.93 | 0.999 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 19708 | 16213 | 44.928 | 654.971 | 786.966 | 0.388 | 535.205 | 1526.85 | 0.999 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 19716 | 16213 | 44.939 | 654.745 | 786.798 | 0.388 | 535.023 | 1527.312 | 0.999 | 14.705 |
| 9/27/2018 4:00 | 1836000 | 19714 | 16213 | 44.935 | 655.02 | 787.127 | 0.388 | 535.246 | 1526.671 | 0.999 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 19714 | 16213 | 44.935 | 654.647 | 786.668 | 0.388 | 534.934 | 1527.54 | 0.999 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 19706 | 16213 | 44.917 | 654.931 | 787.013 | 0.388 | 535.169 | 1526.88 | 0.999 | 14.706 |
| 9/27/2018 4:45 | 1838700 | 19711 | 16213 | 44.928 | 654.801 | 786.862 | 0.388 | 535.066 | 1527.181 | 0.999 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 19713 | 16213 | 44.93 | 654.827 | 786.894 | 0.388 | 535.084 | 1527.121 | 0.999 | 14.702 |
| 9/27/2018 5:15 | 1840500 | 19706 | 16213 | 44.917 | 654.813 | 786.876 | 0.388 | 535.076 | 1527.154 | 0.999 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 19712 | 16212 | 44.93 | 654.875 | 786.962 | 0.388 | 535.134 | 1527.008 | 0.999 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 19709 | 16212 | 44.923 | 654.8 | 786.872 | 0.388 | 535.073 | 1527.183 | 0.999 | 14.708 |
| 9/27/2018 6:00 | 1843200 | 19717 | 16212 | 44.941 | 654.856 | 786.941 | 0.388 | 535.12 | 1527.052 | 0.999 | 14.699 |
| 9/27/2018 6:15 | 1844100 | 19716 | 16213 | 44.938 | 654.874 | 786.956 | 0.388 | 535.13 | 1527.01 | 0.999 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 19719 | 16212 | 44.951 | 654.661 | 786.65 | 0.388 | 534.959 | 1527.508 | 0.999 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 19709 | 16213 | 44.924 | 654.777 | 786.84 | 0.388 | 535.051 | 1527.237 | 0.999 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 19707 | 16212 | 44.918 | 654.916 | 787.011 | 0.388 | 535.168 | 1526.913 | 0.999 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 19709 | 16212 | 44.923 | 654.877 | 786.964 | 0.388 | 535.136 | 1527.004 | 0.999 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 1971 | 16212 | 44.924 | 654.793 | 786.874 | 0.388 | 535.075 | 1527.2 | 0.999 | 14.71 |
| 9/27/2018 7:45 | 1849500 | 19707 | 16211 | 44.918 | 654.762 | 786.847 | 0.388 | 535.056 | 1527.272 | 0.999 | 14.714 |
| 9/27/2018 8:00 | 1850400 | 19718 | 16211 | 44.944 | 654.76 | 786.839 | 0.388 | 535.051 | 1527.278 | 0.999 | 14.711 |
| 9/27/2018 8:15 | 1851300 | 19707 | 16211 | 44.919 | 654.583 | 786.63 | 0.388 | 534.908 | 1527.691 | 0.999 | 14.718 |
| 9/27/2018 8:30 | 1852200 | 19718 | 16211 | 44.944 | 654.832 | 786.927 | 0.388 | 535.11 | 1527.11 | 0.999 | 14.711 |
| 9/27/2018 8:45 | 1853100 | 19713 | 16211 | 44.933 | 654.685 | 786.759 | 0.388 | 534.996 | 1527.452 | 0.999 | 14.715 |
| 9/27/2018 9:00 | 1854000 | 19714 | 16211 | 44.934 | 654.672 | 786.743 | 0.388 | 534.986 | 1527.482 | 0.999 | 14.716 |
| 9/27/2018 9: | | | | | | | | | | | |

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|-----------------|---------|-------|-------|--------|---------|---------|-------|---------|----------|-------|--------|
| 9/28/2018 17:00 | 1969200 | 19707 | 16213 | 44.918 | 653.999 | 785.902 | 0.388 | 534.413 | 1529.053 | 0.999 | 14.667 |
| 9/28/2018 17:15 | 1970100 | 19719 | 16213 | 44.947 | 654.091 | 786.007 | 0.388 | 534.485 | 1528.839 | 0.999 | 14.656 |
| 9/28/2018 17:30 | 1971000 | 19717 | 16213 | 44.942 | 654.208 | 786.153 | 0.388 | 534.584 | 1528.565 | 0.999 | 14.661 |
| 9/28/2018 17:45 | 1971900 | 19715 | 16213 | 44.936 | 654.002 | 785.908 | 0.388 | 534.417 | 1529.047 | 0.999 | 14.668 |
| 9/28/2018 18:00 | 1972800 | 19712 | 16213 | 44.929 | 654.182 | 786.111 | 0.388 | 534.556 | 1528.627 | 0.999 | 14.658 |
| 9/28/2018 18:15 | 1973700 | 19715 | 16213 | 44.936 | 654.287 | 786.246 | 0.388 | 534.647 | 1528.381 | 0.999 | 14.657 |
| 9/28/2018 18:30 | 1974600 | 19711 | 16213 | 44.928 | 654.183 | 786.124 | 0.388 | 534.564 | 1528.325 | 0.999 | 14.666 |
| 9/28/2018 18:45 | 1975500 | 19713 | 16213 | 44.931 | 654.216 | 786.161 | 0.388 | 534.59 | 1528.546 | 0.999 | 14.658 |
| 9/28/2018 19:00 | 1976400 | 19716 | 16213 | 44.939 | 654.272 | 786.221 | 0.388 | 534.63 | 1528.417 | 0.999 | 14.657 |
| 9/28/2018 19:15 | 1977300 | 19712 | 16213 | 44.929 | 654.263 | 786.214 | 0.388 | 534.626 | 1528.438 | 0.999 | 14.666 |
| 9/28/2018 19:30 | 1978200 | 19714 | 16213 | 44.935 | 654.488 | 786.491 | 0.388 | 534.814 | 1527.911 | 0.999 | 14.661 |
| 9/28/2018 19:45 | 1979100 | 19721 | 16213 | 44.95 | 654.153 | 786.073 | 0.388 | 534.53 | 1528.695 | 0.999 | 14.657 |
| 9/28/2018 20:00 | 1980000 | 19711 | 16213 | 44.929 | 654.553 | 786.562 | 0.388 | 534.862 | 1527.761 | 0.999 | 14.664 |
| 9/28/2018 20:15 | 1980900 | 19716 | 16213 | 44.939 | 654.279 | 786.241 | 0.388 | 534.644 | 1528.4 | 0.999 | 14.662 |
| 9/28/2018 20:30 | 1981800 | 19716 | 16213 | 44.938 | 654.446 | 786.436 | 0.388 | 534.776 | 1528.009 | 0.999 | 14.666 |
| 9/28/2018 20:45 | 1982700 | 19706 | 16212 | 44.917 | 654.294 | 786.262 | 0.388 | 534.658 | 1528.365 | 0.999 | 14.67 |
| 9/28/2018 21:00 | 1983600 | 19715 | 16212 | 44.936 | 654.313 | 786.29 | 0.388 | 534.677 | 1528.321 | 0.999 | 14.668 |
| 9/28/2018 21:15 | 1984500 | 19716 | 16212 | 44.938 | 654.584 | 786.612 | 0.388 | 534.896 | 1527.688 | 0.999 | 14.667 |
| 9/28/2018 21:30 | 1985400 | 19707 | 16212 | 44.937 | 654.286 | 786.26 | 0.388 | 534.657 | 1528.594 | 0.999 | 14.672 |
| 9/28/2018 21:45 | 1986300 | 19717 | 16213 | 44.942 | 654.376 | 786.358 | 0.388 | 534.723 | 1528.173 | 0.999 | 14.663 |
| 9/28/2018 22:00 | 1987200 | 19709 | 16212 | 44.924 | 654.445 | 786.447 | 0.388 | 534.784 | 1528.012 | 0.999 | 14.668 |
| 9/28/2018 22:15 | 1988100 | 19704 | 16212 | 44.912 | 654.374 | 786.366 | 0.388 | 534.729 | 1528.178 | 0.999 | 14.67 |
| 9/28/2018 22:30 | 1989000 | 19716 | 16212 | 44.938 | 654.494 | 786.509 | 0.388 | 534.826 | 1527.897 | 0.999 | 14.667 |
| 9/28/2018 22:45 | 1989900 | 19711 | 16212 | 44.927 | 654.265 | 786.238 | 0.388 | 534.642 | 1528.433 | 0.999 | 14.675 |
| 9/28/2018 23:00 | 1990800 | 19712 | 16212 | 44.929 | 654.585 | 786.618 | 0.388 | 534.9 | 1527.687 | 0.999 | 14.672 |
| 9/28/2018 23:15 | 1991700 | 1971 | 16212 | 44.926 | 654.315 | 786.301 | 0.388 | 534.685 | 1528.316 | 0.999 | 14.68 |
| 9/28/2018 23:30 | 1992600 | 19718 | 16212 | 44.944 | 654.587 | 786.628 | 0.388 | 534.907 | 1527.682 | 0.999 | 14.665 |
| 9/28/2018 23:45 | 1993500 | 19711 | 16212 | 44.928 | 654.424 | 786.421 | 0.388 | 534.766 | 1528.062 | 0.999 | 14.669 |
| 9/29/2018 0:00 | 1994400 | 1971 | 16212 | 44.925 | 654.382 | 786.379 | 0.388 | 534.738 | 1528.16 | 0.999 | 14.674 |
| 9/29/2018 0:15 | 1995300 | 19704 | 16213 | 44.912 | 654.404 | 786.39 | 0.388 | 534.745 | 1528.108 | 0.999 | 14.68 |
| 9/29/2018 0:30 | 1996200 | 19712 | 16211 | 44.93 | 654.194 | 786.179 | 0.388 | 534.589 | 1528.598 | 0.999 | 14.675 |
| 9/29/2018 0:45 | 1997100 | 19712 | 16212 | 44.929 | 654.271 | 786.235 | 0.388 | 534.64 | 1528.418 | 0.999 | 14.672 |
| 9/29/2018 1:00 | 1998000 | 19712 | 16212 | 44.929 | 654.436 | 786.436 | 0.388 | 534.776 | 1528.033 | 0.999 | 14.674 |
| 9/29/2018 1:15 | 1998900 | 19706 | 16213 | 44.915 | 654.423 | 786.416 | 0.388 | 534.763 | 1528.063 | 0.999 | 14.675 |
| 9/29/2018 1:30 | 1999800 | 1971 | 16213 | 44.924 | 654.238 | 786.19 | 0.388 | 534.609 | 1528.496 | 0.999 | 14.672 |
| 9/29/2018 1:45 | 2000700 | 19699 | 16212 | 44.9 | 654.29 | 786.259 | 0.388 | 534.656 | 1528.374 | 0.999 | 14.677 |
| 9/29/2018 2:00 | 2001600 | 1971 | 16212 | 44.926 | 654.356 | 786.339 | 0.388 | 534.711 | 1528.221 | 0.999 | 14.675 |
| 9/29/2018 2:15 | 2002500 | 19706 | 16212 | 44.917 | 654.2 | 786.144 | 0.388 | 534.578 | 1528.584 | 0.999 | 14.673 |
| 9/29/2018 2:30 | 2003400 | 19712 | 16212 | 44.93 | 654.512 | 786.526 | 0.388 | 534.837 | 1527.856 | 0.999 | 14.675 |
| 9/29/2018 2:45 | 2004300 | 19707 | 16213 | 44.918 | 654.114 | 786.031 | 0.388 | 534.501 | 1528.785 | 0.999 | 14.679 |
| 9/29/2018 3:00 | 2005200 | 19704 | 16212 | 44.912 | 654.344 | 786.326 | 0.388 | 534.702 | 1528.248 | 0.999 | 14.675 |
| 9/29/2018 3:15 | 2006100 | 19712 | 16213 | 44.93 | 654.34 | 786.313 | 0.388 | 534.693 | 1528.256 | 0.999 | 14.672 |
| 9/29/2018 3:30 | 2007000 | 19715 | 16213 | 44.938 | 654.403 | 786.384 | 0.388 | 534.741 | 1528.11 | 0.999 | 14.665 |
| 9/29/2018 3:45 | 2007900 | 19713 | 16213 | 44.919 | 654.305 | 786.467 | 0.388 | 534.662 | 1528.339 | 0.999 | 14.678 |
| 9/29/2018 4:00 | 2008800 | 19708 | 16213 | 44.92 | 654.324 | 786.294 | 0.388 | 534.68 | 1528.294 | 0.999 | 14.671 |
| 9/29/2018 4:15 | 2009700 | 19706 | 16213 | 44.917 | 654.243 | 786.186 | 0.388 | 534.607 | 1528.485 | 0.999 | 14.668 |
| 9/29/2018 4:30 | 2010600 | 19713 | 16213 | 44.932 | 654.328 | 786.3 | 0.388 | 534.684 | 1528.286 | 0.999 | 14.666 |
| 9/29/2018 4:45 | 2011500 | 19705 | 16213 | 44.914 | 654.471 | 786.467 | 0.388 | 534.797 | 1527.952 | 0.999 | 14.676 |
| 9/29/2018 5:00 | 2012400 | 19712 | 16212 | 44.93 | 654.605 | 786.639 | 0.388 | 534.914 | 1527.639 | 0.999 | 14.67 |
| 9/29/2018 5:15 | 2013300 | 19714 | 16213 | 44.935 | 654.279 | 786.238 | 0.388 | 534.652 | 1528.4 | 0.999 | 14.674 |
| 9/29/2018 5:30 | 2014200 | 19706 | 16212 | 44.917 | 654.46 | 786.462 | 0.388 | 534.794 | 1527.977 | 0.999 | 14.674 |
| 9/29/2018 5:45 | 2015100 | 19707 | 16212 | 44.918 | 654.396 | 786.385 | 0.388 | 534.742 | 1528.127 | 0.999 | 14.676 |
| 9/29/2018 6:00 | 2016000 | 19707 | 16212 | 44.919 | 654.393 | 786.384 | 0.388 | 534.741 | 1528.134 | 0.999 | 14.68 |
| 9/29/2018 6:15 | 2016900 | 19716 | 16212 | 44.94 | 654.361 | 786.347 | 0.388 | 534.716 | 1528.209 | 0.999 | 14.676 |
| 9/29/2018 6:30 | 2017800 | 19709 | 16212 | 44.922 | 654.346 | 786.333 | 0.388 | 534.707 | 1528.243 | 0.999 | 14.684 |
| 9/29/2018 6:45 | 2018700 | 19707 | 16212 | 44.918 | 654.212 | 786.177 | 0.388 | 534.627 | 1528.557 | 0.999 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 19704 | 16212 | 44.912 | 654.486 | 786.493 | 0.388 | 534.815 | 1527.917 | 0.999 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 1971 | 16212 | 44.924 | 654.328 | 786.312 | 0.388 | 534.692 | 1528.286 | 0.999 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 19708 | 16212 | 44.92 | 654.359 | 786.34 | 0.388 | 534.711 | 1528.214 | 0.999 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 19708 | 16212 | 44.921 | 654.343 | 786.337 | 0.388 | 534.709 | 1528.25 | 0.999 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 19709 | 16212 | 44.922 | 654.263 | 786.227 | 0.388 | 534.634 | 1528.437 | 0.999 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 19712 | 16213 | 44.923 | 654.413 | 786.444 | 0.388 | 534.918 | 1527.627 | 0.999 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 19708 | 16212 | 44.92 | 654.311 | 786.283 | 0.388 | 534.672 | 1528.325 | 0.999 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 19709 | 16212 | 44.923 | 654.392 | 786.385 | 0.388 | 534.742 | 1528.136 | 0.999 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 19709 | 16212 | 44.923 | 654.418 | 786.413 | 0.388 | 534.761 | 1528.075 | 0.999 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 19709 | 16212 | 44.922 | 654.435 | 786.432 | 0.388 | 534.774 | 1528.036 | 0.999 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 19714 | 16212 | 44.935 | 654.209 | 786.161 | 0.388 | 534.59 | 1528.564 | 0.999 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 19712 | 16212 | 44.928 | 654.223 | 786.179 | 0.388 | 534.603 | 1528.53 | 0.999 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 19719 | 16213 | 44.946 | 654.427 | 786.419 | 0.388 | 534.765 | 1528.054 | 0.999 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 19707 | 16212 | 44.919 | 654.246 | 786.204 | 0.388 | 534.619 | 1528.478 | 0.999 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 19704 | 16212 | 44.912 | 654.112 | 786.048 | 0.388 | 534.513 | 1528.79 | 0.999 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 1971 | 16213 | 44.924 | 654.227 | 786.18 | 0.388 | 534.603 | 1528.521 | 0.999 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 19706 | 16212 | 44.916 | 654.269 | 786.236 | 0.388 | 534.64 | 1528.423 | 0.999 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 19711 | 16213 | 44.928 | 654.087 | 786.011 | 0.388 | 534.487 | 1528.848 | 0.999 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 19709 | 16213 | 44.922 | 654.004 | 785.904 | 0.388 | 534.415 | 1529.042 | 0.999 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 19709 | 16213 | 44.923 | 654.087 | 786.007 | 0.388 | 534.485 | 1528.849 | 0.999 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 19707 | 16213 | 44.918 | 654.191 | 786.123 | 0.388 | 534.564 | 1528.605 | 0.999 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 1971 | 16213 | 44.925 | 653.912 | 785.789 | 0.388 | 534.336 | 1529.258 | 0.999 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 1971 | 16213 | 44.925 | 654.224 | 786.166 | 0.388 | 534.593 | 1528.528 | 0.999 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 19707 | 16213 | 44.902 | 653.975 | 785.873 | 0.388 | 534.393 | 1529.11 | 0.999 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 19708 | 16213 | 44.92 | 653.952 | 785.832 | 0.388 | 534.366 | 1529.164 | 0.999 | 14.699 |
| 9/29/2018 13:15 | 2042100 | 19714 | 16213 | 44.934 | 654.029 | 785.931 | 0.388 | 534.433 | 1528.984 | 0.999 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 19714 | 16214 | 44.934 | 653.98 | 785.86 | 0.388 | 534.385 | 1529.098 | 0.999 | 14.686 |
| 9/29/2018 13:45 | 2043900 | 1971 | 16213 | 44.925 | 654.169 | 786.093 | 0.388 | 534.543 | 1528.656 | 0.999 | 14.69 |
| 9/29/2018 14: | | | | | | | | | | | |

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|-----------------|---------|-------|-------|--------|---------|---------|-------|---------|----------|-------|--------|
| 9/30/2018 21:45 | 2159100 | 19706 | 16213 | 44.916 | 653.557 | 785.363 | 0.388 | 534.047 | 1530.09 | 0.999 | 14.673 |
| 9/30/2018 22:00 | 2160000 | 19704 | 16213 | 44.912 | 653.458 | 785.247 | 0.387 | 533.968 | 1530.319 | 0.999 | 14.674 |
| 9/30/2018 22:15 | 2160900 | 19709 | 16213 | 44.923 | 653.418 | 785.192 | 0.387 | 533.931 | 1530.414 | 0.999 | 14.67 |
| 9/30/2018 22:30 | 2161800 | 19712 | 16213 | 44.929 | 653.581 | 785.393 | 0.388 | 534.067 | 1530.032 | 0.999 | 14.669 |
| 9/30/2018 22:45 | 2162700 | 19715 | 16213 | 44.936 | 653.667 | 785.496 | 0.388 | 534.137 | 1529.831 | 0.999 | 14.667 |
| 9/30/2018 23:00 | 2163600 | 19706 | 16213 | 44.917 | 653.525 | 785.322 | 0.387 | 534.019 | 1530.164 | 0.999 | 14.672 |
| 9/30/2018 23:15 | 2164500 | 19711 | 16213 | 44.925 | 653.494 | 785.405 | 0.387 | 533.992 | 1530.236 | 0.999 | 14.669 |
| 9/30/2018 23:30 | 2165400 | 19717 | 16213 | 44.942 | 653.815 | 785.68 | 0.388 | 534.262 | 1529.485 | 0.999 | 14.666 |
| 9/30/2018 23:45 | 2166300 | 19716 | 16213 | 44.938 | 653.635 | 785.453 | 0.388 | 534.108 | 1529.905 | 0.999 | 14.671 |
| 10/1/2018 0:00 | 2167200 | 19715 | 16213 | 44.936 | 653.63 | 785.455 | 0.388 | 534.109 | 1529.917 | 0.999 | 14.672 |
| 10/1/2018 0:15 | 2168100 | 19715 | 16213 | 44.936 | 653.694 | 785.531 | 0.388 | 534.161 | 1529.769 | 0.999 | 14.673 |
| 10/1/2018 0:30 | 2169000 | 19714 | 16213 | 44.934 | 653.682 | 785.519 | 0.388 | 534.153 | 1529.796 | 0.999 | 14.67 |
| 10/1/2018 0:45 | 2169900 | 19714 | 16213 | 44.933 | 653.758 | 785.605 | 0.388 | 534.211 | 1529.619 | 0.999 | 14.672 |
| 10/1/2018 1:00 | 2170800 | 19714 | 16213 | 44.935 | 653.738 | 785.587 | 0.388 | 534.199 | 1529.666 | 0.999 | 14.671 |
| 10/1/2018 1:15 | 2171700 | 19718 | 16213 | 44.944 | 653.724 | 785.566 | 0.388 | 534.185 | 1529.698 | 0.999 | 14.671 |
| 10/1/2018 1:30 | 2172600 | 19711 | 16213 | 44.927 | 653.761 | 785.618 | 0.388 | 534.22 | 1529.612 | 0.999 | 14.675 |
| 10/1/2018 1:45 | 2173500 | 19703 | 16213 | 44.91 | 653.794 | 785.655 | 0.388 | 534.245 | 1529.534 | 0.999 | 14.676 |
| 10/1/2018 2:00 | 2174400 | 19706 | 16212 | 44.916 | 653.764 | 785.63 | 0.388 | 534.229 | 1529.604 | 0.999 | 14.675 |
| 10/1/2018 2:15 | 2175300 | 19711 | 16213 | 44.925 | 653.711 | 785.558 | 0.388 | 534.204 | 1529.554 | 0.999 | 14.677 |
| 10/1/2018 2:30 | 2176200 | 19716 | 16213 | 44.94 | 653.743 | 785.595 | 0.388 | 534.205 | 1529.654 | 0.999 | 14.67 |
| 10/1/2018 2:45 | 2177100 | 19701 | 16213 | 44.904 | 653.865 | 785.743 | 0.388 | 534.305 | 1529.369 | 0.999 | 14.68 |
| 10/1/2018 3:00 | 2178000 | 19715 | 16212 | 44.935 | 653.568 | 785.389 | 0.388 | 534.065 | 1530.064 | 0.999 | 14.668 |
| 10/1/2018 3:15 | 2178900 | 19711 | 16212 | 44.928 | 654.006 | 785.917 | 0.388 | 534.424 | 1529.038 | 0.999 | 14.674 |
| 10/1/2018 3:30 | 2179800 | 19717 | 16213 | 44.94 | 653.749 | 785.602 | 0.388 | 534.209 | 1529.64 | 0.999 | 14.667 |
| 10/1/2018 3:45 | 2180700 | 19714 | 16213 | 44.935 | 653.711 | 785.558 | 0.388 | 534.179 | 1529.729 | 0.999 | 14.671 |
| 10/1/2018 4:00 | 2181600 | 19717 | 16213 | 44.942 | 653.766 | 785.618 | 0.388 | 534.22 | 1529.6 | 0.999 | 14.663 |
| 10/1/2018 4:15 | 2182500 | 19711 | 16213 | 44.927 | 654.055 | 785.971 | 0.388 | 534.46 | 1528.923 | 0.999 | 14.667 |
| 10/1/2018 4:30 | 2183400 | 19715 | 16213 | 44.936 | 653.835 | 785.701 | 0.388 | 534.277 | 1529.438 | 0.999 | 14.663 |
| 10/1/2018 4:45 | 2184300 | 19718 | 16212 | 44.943 | 653.668 | 785.51 | 0.388 | 534.147 | 1529.828 | 0.999 | 14.663 |
| 10/1/2018 5:00 | 2185200 | 19709 | 16212 | 44.922 | 653.918 | 785.812 | 0.388 | 534.352 | 1529.244 | 0.999 | 14.667 |
| 10/1/2018 5:15 | 2186100 | 19711 | 16213 | 44.926 | 653.932 | 785.82 | 0.388 | 534.358 | 1529.212 | 0.999 | 14.669 |
| 10/1/2018 5:30 | 2187000 | 19709 | 16213 | 44.922 | 654.088 | 786.008 | 0.388 | 534.486 | 1528.846 | 0.999 | 14.672 |
| 10/1/2018 5:45 | 2187900 | 1971 | 16213 | 44.926 | 653.888 | 785.77 | 0.388 | 534.323 | 1529.314 | 0.999 | 14.673 |
| 10/1/2018 6:00 | 2188800 | 19713 | 16213 | 44.932 | 653.909 | 785.798 | 0.388 | 534.343 | 1529.265 | 0.999 | 14.669 |
| 10/1/2018 6:15 | 2189700 | 19713 | 16213 | 44.932 | 654.014 | 785.918 | 0.388 | 534.424 | 1529.018 | 0.999 | 14.672 |
| 10/1/2018 6:30 | 2190600 | 19717 | 16213 | 44.942 | 653.639 | 785.47 | 0.388 | 534.12 | 1529.897 | 0.999 | 14.667 |
| 10/1/2018 6:45 | 2191500 | 19715 | 16213 | 44.938 | 653.869 | 785.869 | 0.388 | 534.391 | 1529.126 | 0.999 | 14.671 |
| 10/1/2018 7:00 | 2192400 | 19713 | 16213 | 44.931 | 653.918 | 785.800 | 0.388 | 534.35 | 1529.245 | 0.999 | 14.677 |
| 10/1/2018 7:15 | 2193300 | 19705 | 16213 | 44.914 | 653.974 | 785.874 | 0.388 | 534.395 | 1529.113 | 0.999 | 14.685 |
| 10/1/2018 7:30 | 2194200 | 19709 | 16212 | 44.922 | 653.939 | 785.836 | 0.388 | 534.368 | 1529.194 | 0.999 | 14.683 |
| 10/1/2018 7:45 | 2195100 | 19707 | 16212 | 44.919 | 654.041 | 785.958 | 0.388 | 534.452 | 1528.956 | 0.999 | 14.689 |
| 10/1/2018 8:00 | 2196000 | 19707 | 16213 | 44.918 | 654.023 | 785.932 | 0.388 | 534.433 | 1528.999 | 0.999 | 14.686 |
| 10/1/2018 8:15 | 2196900 | 19705 | 16213 | 44.913 | 653.979 | 785.879 | 0.388 | 534.398 | 1529.101 | 0.999 | 14.685 |
| 10/1/2018 8:30 | 2197800 | 19705 | 16213 | 44.913 | 654.036 | 785.943 | 0.388 | 534.441 | 1528.967 | 0.999 | 14.689 |
| 10/1/2018 8:45 | 2198700 | 19711 | 16212 | 44.927 | 654.117 | 786.052 | 0.388 | 534.516 | 1528.779 | 0.999 | 14.682 |
| 10/1/2018 9:00 | 2199600 | 19703 | 16213 | 44.909 | 653.889 | 785.767 | 0.388 | 534.322 | 1529.312 | 0.999 | 14.687 |
| 10/1/2018 9:15 | 2200500 | 19698 | 16213 | 44.898 | 653.998 | 785.889 | 0.388 | 534.405 | 1529.056 | 0.999 | 14.688 |
| 10/1/2018 9:30 | 2201400 | 19703 | 16213 | 44.91 | 654.183 | 786.114 | 0.388 | 534.558 | 1528.625 | 0.999 | 14.689 |
| 10/1/2018 9:45 | 2202300 | 1971 | 16213 | 44.925 | 653.733 | 785.578 | 0.388 | 534.193 | 1529.676 | 0.999 | 14.677 |
| 10/1/2018 10:00 | 2203200 | 19708 | 16213 | 44.921 | 653.929 | 785.812 | 0.388 | 534.352 | 1529.219 | 0.999 | 14.677 |
| 10/1/2018 10:15 | 2204100 | 19712 | 16213 | 44.929 | 653.785 | 785.648 | 0.388 | 534.24 | 1529.554 | 0.999 | 14.681 |
| 10/1/2018 10:30 | 2205000 | 19715 | 16213 | 44.936 | 653.96 | 785.852 | 0.388 | 534.379 | 1529.145 | 0.999 | 14.677 |
| 10/1/2018 10:45 | 2205900 | 19712 | 16213 | 44.929 | 653.772 | 785.617 | 0.388 | 534.22 | 1529.586 | 0.999 | 14.679 |
| 10/1/2018 11:00 | 2206800 | 19713 | 16213 | 44.931 | 653.802 | 785.655 | 0.388 | 534.245 | 1529.515 | 0.999 | 14.675 |
| 10/1/2018 11:15 | 2207700 | 19711 | 16213 | 44.928 | 653.711 | 785.548 | 0.388 | 534.173 | 1529.729 | 0.999 | 14.678 |
| 10/1/2018 11:30 | 2208600 | 19715 | 16213 | 44.936 | 653.856 | 785.237 | 0.387 | 533.961 | 1530.324 | 0.999 | 14.671 |
| 10/1/2018 11:45 | 2209500 | 19711 | 16213 | 44.928 | 653.71 | 785.542 | 0.388 | 534.169 | 1529.731 | 0.999 | 14.672 |
| 10/1/2018 12:00 | 2210400 | 19714 | 16214 | 44.934 | 653.419 | 785.188 | 0.387 | 533.928 | 1530.412 | 0.999 | 14.667 |
| 10/1/2018 12:15 | 2211300 | 19715 | 16214 | 44.935 | 653.6 | 785.405 | 0.388 | 534.075 | 1529.987 | 0.999 | 14.665 |
| 10/1/2018 12:30 | 2212200 | 19717 | 16214 | 44.941 | 653.337 | 785.086 | 0.387 | 533.859 | 1530.604 | 0.999 | 14.662 |
| 10/1/2018 12:45 | 2213100 | 19716 | 16214 | 44.939 | 653.572 | 785.37 | 0.388 | 534.051 | 1530.052 | 0.999 | 14.668 |
| 10/1/2018 13:00 | 2214000 | 19714 | 16214 | 44.931 | 653.78 | 785.33 | 0.387 | 533.91 | 1530.37 | 0.999 | 14.657 |
| 10/1/2018 13:15 | 2214900 | 19717 | 16214 | 44.942 | 653.392 | 785.15 | 0.387 | 533.902 | 1530.475 | 0.999 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 19718 | 16214 | 44.944 | 653.281 | 785.016 | 0.387 | 533.811 | 1530.735 | 0.999 | 14.655 |
| 10/1/2018 13:45 | 2216700 | 1972 | 16214 | 44.948 | 653.156 | 784.872 | 0.387 | 533.713 | 1531.028 | 0.999 | 14.652 |
| 10/1/2018 14:00 | 2217600 | 19719 | 16214 | 44.946 | 653.128 | 784.835 | 0.387 | 533.688 | 1531.094 | 0.999 | 14.649 |
| 10/1/2018 14:15 | 2218500 | 19718 | 16215 | 44.944 | 653.108 | 784.799 | 0.387 | 533.664 | 1531.14 | 0.999 | 14.646 |
| 10/1/2018 14:30 | 2219400 | 19714 | 16214 | 44.943 | 653.117 | 784.851 | 0.387 | 533.699 | 1531.072 | 0.999 | 14.644 |
| 10/1/2018 14:45 | 2220300 | 19725 | 16214 | 44.958 | 653.069 | 784.768 | 0.387 | 533.643 | 1531.231 | 0.999 | 14.643 |
| 10/1/2018 15:00 | 2221200 | 19722 | 16213 | 44.952 | 653.189 | 784.919 | 0.387 | 533.745 | 1530.95 | 0.999 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 19716 | 16213 | 44.938 | 652.969 | 784.656 | 0.387 | 533.566 | 1531.467 | 0.999 | 14.644 |
| 10/1/2018 15:30 | 2223000 | 1972 | 16213 | 44.947 | 653.002 | 784.7 | 0.387 | 533.596 | 1531.389 | 0.999 | 14.642 |
| 10/1/2018 15:45 | 2223900 | 1972 | 16213 | 44.949 | 652.992 | 784.688 | 0.387 | 533.588 | 1531.412 | 0.999 | 14.638 |
| 10/1/2018 16:00 | 2224800 | 19719 | 16213 | 44.952 | 652.947 | 784.637 | 0.387 | 533.553 | 1531.519 | 0.999 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 19719 | 16212 | 44.945 | 652.822 | 784.493 | 0.387 | 533.456 | 1531.811 | 0.999 | 14.64 |
| 10/1/2018 16:30 | 2226600 | 19719 | 16212 | 44.945 | 653.139 | 784.879 | 0.387 | 533.718 | 1531.068 | 0.999 | 14.637 |
| 10/1/2018 16:45 | 2227500 | 1972 | 16213 | 44.948 | 653.12 | 784.848 | 0.387 | 533.697 | 1531.112 | 0.999 | 14.638 |
| 10/1/2018 17:00 | 2228400 | 19719 | 16212 | 44.946 | 652.857 | 784.54 | 0.387 | 533.487 | 1531.73 | 0.999 | 14.64 |
| 10/1/2018 17:15 | 2229300 | 19729 | 16212 | 44.969 | 653.036 | 784.766 | 0.387 | 533.641 | 1531.31 | 0.999 | 14.635 |
| 10/1/2018 17:30 | 2230200 | 19723 | 16212 | 44.955 | 652.842 | 784.523 | 0.387 | 533.476 | 1531.765 | 0.999 | 14.632 |
| 10/1/2018 17:45 | 2231100 | 19721 | 16211 | 44.95 | 652.892 | 784.601 | 0.387 | 533.529 | 1531.647 | 0.999 | 14.641 |
| 10/1/2018 18:00 | 2232000 | 1973 | 16211 | 44.971 | 652.981 | 784.705 | 0.387 | 533.6 | 1531.437 | 0.999 | 14.631 |
| 10/1/2018 18:15 | 2232900 | 1972 | 16211 | 44.947 | 652.83 | 784.525 | 0.387 | 533.477 | 1531.793 | 0.999 | 14.639 |
| 10/1/2018 18:30 | 2233800 | 19715 | 16211 | 44.938 | 652.832 | 784.534 | 0.387 | 533.483 | 1531.788 | 0.999 | 14.636 |
| 10/1/201 | | | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|--------|--------|--------|---------|---------|-------|---------|----------|-------|--------|
| 10/3/2018 2:30 | 2349000 | 19.717 | 16.205 | 44.941 | 652.951 | 784.789 | 0.387 | 533.657 | 1531.509 | 0.999 | 14.672 |
| 10/3/2018 2:45 | 2349900 | 19.715 | 16.205 | 44.936 | 653.008 | 784.852 | 0.387 | 533.699 | 1531.374 | 0.999 | 14.673 |
| 10/3/2018 3:00 | 2350800 | 19.712 | 16.205 | 44.93 | 652.807 | 784.609 | 0.387 | 533.534 | 1531.845 | 0.999 | 14.665 |
| 10/3/2018 3:15 | 2351700 | 19.719 | 16.205 | 44.947 | 652.975 | 784.805 | 0.387 | 533.667 | 1531.453 | 0.999 | 14.666 |
| 10/3/2018 3:30 | 2352600 | 19.717 | 16.205 | 44.941 | 652.832 | 784.635 | 0.387 | 533.552 | 1531.788 | 0.999 | 14.666 |
| 10/3/2018 3:45 | 2353500 | 19.716 | 16.206 | 44.939 | 652.849 | 784.651 | 0.387 | 533.563 | 1531.747 | 0.999 | 14.669 |
| 10/3/2018 4:00 | 2354400 | 19.718 | 16.205 | 44.943 | 652.984 | 784.816 | 0.387 | 533.675 | 1531.432 | 0.999 | 14.665 |
| 10/3/2018 4:15 | 2355300 | 19.717 | 16.205 | 44.941 | 652.841 | 784.644 | 0.387 | 533.558 | 1531.766 | 0.999 | 14.663 |
| 10/3/2018 4:30 | 2356200 | 19.715 | 16.206 | 44.937 | 653.05 | 784.889 | 0.387 | 533.724 | 1531.277 | 0.999 | 14.665 |
| 10/3/2018 4:45 | 2357100 | 19.725 | 16.206 | 44.958 | 653.004 | 784.833 | 0.387 | 533.687 | 1531.385 | 0.999 | 14.658 |
| 10/3/2018 5:00 | 2358000 | 19.713 | 16.206 | 44.932 | 653.039 | 784.879 | 0.387 | 533.718 | 1531.302 | 0.999 | 14.666 |
| 10/3/2018 5:15 | 2358900 | 19.717 | 16.206 | 44.941 | 652.894 | 784.698 | 0.387 | 533.595 | 1531.643 | 0.999 | 14.665 |
| 10/3/2018 5:30 | 2359800 | 19.721 | 16.206 | 44.951 | 653.001 | 784.828 | 0.387 | 533.683 | 1531.292 | 0.999 | 14.661 |
| 10/3/2018 5:45 | 2360700 | 19.718 | 16.205 | 44.943 | 652.929 | 784.756 | 0.387 | 533.634 | 1531.56 | 0.999 | 14.667 |
| 10/3/2018 6:00 | 2361600 | 19.714 | 16.205 | 44.934 | 653.072 | 784.923 | 0.387 | 533.748 | 1531.226 | 0.999 | 14.668 |
| 10/3/2018 6:15 | 2362500 | 19.717 | 16.205 | 44.941 | 653.179 | 785.055 | 0.387 | 533.837 | 1530.974 | 0.999 | 14.667 |
| 10/3/2018 6:30 | 2363400 | 19.718 | 16.205 | 44.943 | 652.708 | 784.486 | 0.387 | 533.451 | 1532.078 | 0.999 | 14.666 |
| 10/3/2018 6:45 | 2364300 | 19.728 | 16.205 | 44.966 | 653.123 | 784.984 | 0.387 | 533.789 | 1531.106 | 0.999 | 14.653 |
| 10/3/2018 7:00 | 2365200 | 19.71 | 16.206 | 44.924 | 652.934 | 784.752 | 0.387 | 533.631 | 1531.547 | 0.999 | 14.671 |
| 10/3/2018 7:15 | 2366100 | 19.716 | 16.205 | 44.939 | 652.784 | 784.581 | 0.387 | 533.515 | 1531.899 | 0.999 | 14.668 |
| 10/3/2018 7:30 | 2367000 | 19.72 | 16.205 | 44.948 | 653.135 | 784.995 | 0.387 | 533.797 | 1531.078 | 0.999 | 14.664 |
| 10/3/2018 7:45 | 2367900 | 19.713 | 16.205 | 44.932 | 652.948 | 784.777 | 0.387 | 533.648 | 1531.514 | 0.999 | 14.677 |
| 10/3/2018 8:00 | 2368800 | 19.706 | 16.205 | 44.916 | 653.085 | 784.939 | 0.387 | 533.758 | 1531.195 | 0.999 | 14.673 |
| 10/3/2018 8:15 | 2369700 | 19.72 | 16.205 | 44.948 | 652.854 | 784.66 | 0.387 | 533.569 | 1531.736 | 0.999 | 14.669 |
| 10/3/2018 8:30 | 2370600 | 19.712 | 16.206 | 44.93 | 653.1 | 784.949 | 0.387 | 533.766 | 1531.159 | 0.999 | 14.675 |
| 10/3/2018 8:45 | 2371500 | 19.716 | 16.205 | 44.938 | 653.025 | 784.866 | 0.387 | 533.709 | 1531.336 | 0.999 | 14.674 |
| 10/3/2018 9:00 | 2372400 | 19.717 | 16.205 | 44.941 | 652.949 | 784.778 | 0.387 | 533.649 | 1531.512 | 0.999 | 14.675 |
| 10/3/2018 9:15 | 2373300 | 19.718 | 16.205 | 44.944 | 652.879 | 784.696 | 0.387 | 533.594 | 1531.677 | 0.999 | 14.678 |
| 10/3/2018 9:30 | 2374200 | 19.707 | 16.205 | 44.919 | 653.187 | 785.07 | 0.387 | 533.848 | 1530.955 | 0.999 | 14.685 |
| 10/3/2018 9:45 | 2375100 | 19.716 | 16.205 | 44.938 | 652.963 | 784.805 | 0.387 | 533.668 | 1531.48 | 0.999 | 14.676 |
| 10/3/2018 10:00 | 2376000 | 19.71 | 16.204 | 44.924 | 653.081 | 784.954 | 0.387 | 533.768 | 1531.203 | 0.999 | 14.682 |
| 10/3/2018 10:15 | 2376900 | 19.722 | 16.205 | 44.952 | 652.903 | 784.73 | 0.387 | 533.616 | 1531.62 | 0.999 | 14.676 |
| 10/3/2018 10:30 | 2377800 | 19.717 | 16.204 | 44.941 | 652.772 | 784.581 | 0.387 | 533.515 | 1531.93 | 0.999 | 14.68 |
| 10/3/2018 10:45 | 2378700 | 19.711 | 16.203 | 44.927 | 652.996 | 784.864 | 0.387 | 533.708 | 1531.402 | 0.999 | 14.684 |
| 10/3/2018 11:00 | 2379600 | 19.719 | 16.204 | 44.946 | 653.01 | 784.874 | 0.387 | 533.714 | 1531.37 | 0.999 | 14.679 |
| 10/3/2018 11:15 | 2380500 | 19.716 | 16.203 | 44.939 | 652.807 | 784.647 | 0.387 | 533.56 | 1531.847 | 0.999 | 14.683 |
| 10/3/2018 11:30 | 2381400 | 19.71 | 16.203 | 44.925 | 652.824 | 784.667 | 0.387 | 533.573 | 1531.806 | 0.999 | 14.688 |
| 10/3/2018 11:45 | 2382300 | 19.713 | 16.203 | 44.931 | 652.599 | 784.393 | 0.387 | 533.387 | 1532.325 | 0.999 | 14.685 |
| 10/3/2018 12:00 | 2383200 | 19.715 | 16.203 | 44.936 | 652.738 | 784.569 | 0.387 | 533.507 | 1532.009 | 0.999 | 14.681 |
| 10/3/2018 12:15 | 2384100 | 19.716 | 16.202 | 44.94 | 652.597 | 784.409 | 0.387 | 533.398 | 1532.34 | 0.999 | 14.681 |
| 10/3/2018 12:30 | 2385000 | 19.714 | 16.202 | 44.935 | 652.744 | 784.588 | 0.387 | 533.52 | 1531.993 | 0.999 | 14.681 |
| 10/3/2018 12:45 | 2385900 | 19.714 | 16.202 | 44.934 | 652.816 | 784.666 | 0.387 | 533.573 | 1531.826 | 0.999 | 14.682 |
| 10/3/2018 13:00 | 2386800 | 19.72 | 16.202 | 44.949 | 652.616 | 784.439 | 0.387 | 533.418 | 1532.294 | 0.999 | 14.672 |
| 10/3/2018 13:15 | 2387700 | 19.717 | 16.202 | 44.941 | 652.56 | 784.372 | 0.387 | 533.372 | 1532.425 | 0.999 | 14.675 |
| 10/3/2018 13:30 | 2388600 | 19.72 | 16.202 | 44.949 | 652.622 | 784.447 | 0.387 | 533.424 | 1532.281 | 0.999 | 14.675 |
| 10/3/2018 13:45 | 2389500 | 19.719 | 16.201 | 44.946 | 652.79 | 784.656 | 0.387 | 533.566 | 1531.886 | 0.999 | 14.671 |
| 10/3/2018 14:00 | 2390400 | 19.718 | 16.201 | 44.944 | 652.519 | 784.337 | 0.387 | 533.349 | 1532.522 | 0.999 | 14.671 |
| 10/3/2018 14:15 | 2391300 | 19.719 | 16.201 | 44.946 | 652.681 | 784.525 | 0.387 | 533.477 | 1532.141 | 0.999 | 14.67 |
| 10/3/2018 14:30 | 2392200 | 19.731 | 16.201 | 44.972 | 652.721 | 784.58 | 0.387 | 533.514 | 1532.047 | 0.999 | 14.663 |
| 10/3/2018 14:45 | 2393100 | 19.717 | 16.201 | 44.94 | 652.609 | 784.442 | 0.387 | 533.421 | 1532.31 | 0.999 | 14.671 |
| 10/3/2018 15:00 | 2394000 | 19.717 | 16.201 | 44.941 | 652.621 | 784.461 | 0.387 | 533.433 | 1532.283 | 0.999 | 14.668 |
| 10/3/2018 15:15 | 2394900 | 19.723 | 16.201 | 44.954 | 652.723 | 784.59 | 0.387 | 533.521 | 1532.043 | 0.999 | 14.665 |
| 10/3/2018 15:30 | 2395800 | 19.725 | 16.2 | 44.96 | 652.539 | 784.37 | 0.387 | 533.372 | 1532.475 | 0.999 | 14.662 |
| 10/3/2018 15:45 | 2396700 | 19.725 | 16.2 | 44.96 | 652.813 | 784.701 | 0.387 | 533.596 | 1531.833 | 0.999 | 14.661 |
| 10/3/2018 16:00 | 2397600 | 19.722 | 16.2 | 44.953 | 652.534 | 784.371 | 0.387 | 533.372 | 1532.488 | 0.999 | 14.663 |
| 10/3/2018 16:15 | 2398500 | 19.731 | 16.2 | 44.974 | 652.511 | 784.346 | 0.387 | 533.355 | 1532.541 | 0.999 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 19.726 | 16.2 | 44.962 | 652.776 | 784.664 | 0.387 | 533.572 | 1531.919 | 0.999 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 19.725 | 16.2 | 44.96 | 652.546 | 784.387 | 0.387 | 533.383 | 1532.46 | 0.999 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 19.733 | 16.199 | 44.977 | 652.697 | 784.59 | 0.387 | 533.521 | 1532.104 | 0.999 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 19.728 | 16.2 | 44.966 | 652.585 | 784.44 | 0.387 | 533.42 | 1532.368 | 0.999 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 19.726 | 16.199 | 44.962 | 652.655 | 784.53 | 0.387 | 533.48 | 1532.203 | 0.999 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 19.723 | 16.2 | 44.956 | 652.478 | 784.312 | 0.387 | 533.332 | 1532.62 | 0.999 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 19.725 | 16.199 | 44.96 | 652.634 | 784.506 | 0.387 | 533.464 | 1532.252 | 0.999 | 14.666 |
| 10/3/2018 18:15 | 2405700 | 19.727 | 16.199 | 44.964 | 652.698 | 784.589 | 0.387 | 533.521 | 1532.102 | 0.999 | 14.663 |
| 10/3/2018 18:30 | 2406600 | 19.723 | 16.199 | 44.955 | 652.836 | 784.757 | 0.387 | 533.635 | 1531.779 | 0.999 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 19.712 | 16.198 | 44.93 | 652.612 | 784.5 | 0.387 | 533.46 | 1532.304 | 0.999 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 19.725 | 16.198 | 44.959 | 652.78 | 784.703 | 0.387 | 533.598 | 1531.909 | 0.999 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 19.722 | 16.198 | 44.953 | 652.605 | 784.498 | 0.387 | 533.459 | 1532.32 | 0.999 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 19.727 | 16.198 | 44.964 | 652.576 | 784.455 | 0.387 | 533.43 | 1532.389 | 0.999 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 19.724 | 16.197 | 44.956 | 652.7 | 784.617 | 0.387 | 533.54 | 1532.098 | 0.999 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 19.724 | 16.198 | 44.958 | 652.775 | 784.698 | 0.387 | 533.595 | 1531.921 | 0.999 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 19.716 | 16.197 | 44.938 | 652.678 | 784.594 | 0.387 | 533.524 | 1532.15 | 0.999 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 19.722 | 16.198 | 44.952 | 652.857 | 784.804 | 0.387 | 533.667 | 1531.729 | 0.999 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 19.712 | 16.197 | 44.93 | 652.629 | 784.34 | 0.387 | 533.483 | 1532.263 | 0.999 | 14.689 |
| 10/3/2018 21:00 | 2415600 | 19.712 | 16.197 | 44.931 | 652.791 | 784.728 | 0.387 | 533.615 | 1531.884 | 0.999 | 14.688 |
| 10/3/2018 21:15 | 2416500 | 19.717 | 16.198 | 44.941 | 652.708 | 784.626 | 0.387 | 533.545 | 1532.078 | 0.999 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 19.722 | 16.198 | 44.953 | 652.739 | 784.66 | 0.387 | 533.569 | 1532.007 | 0.999 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 19.724 | 16.197 | 44.957 | 652.643 | 784.549 | 0.387 | 533.493 | 1532.231 | 0.999 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 19.722 | 16.197 | 44.952 | 652.805 | 784.743 | 0.387 | 533.626 | 1531.851 | 0.999 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 19.715 | 16.197 | 44.937 | 652.816 | 784.758 | 0.387 | 533.635 | 1531.826 | 0.999 | 14.695 |
| 10/3/2018 22:30 | 2421000 | 19.713 | 16.198 | 44.932 | 652.677 | 784.584 | 0.387 | 533.517 | 1532.152 | 0.999 | 14.692 |
| 10/3/2018 22:45 | 2421900 | 19.722 | 16.198 | 44.953 | 652.95 | 784.915 | 0.387 | 533.742 | 1531.51 | 0.999 | 14.699 |
| 10/3/2018 23:00 | 2422800 | 19.713 | 16.198 | 44.932 | 652.653 | 784.55 | 0.387 | 533.494 | 1532.207 | 0.999 | 14.699 |
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|----------------|--------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/6/2018 17:30 | 70200 | 150.005 | 21.149 | 346.357 | 579.64 | 625.665 | 0.307 | 425.452 | 1725.209 | 0.998 | 14.745 |
| 9/6/2018 17:45 | 71100 | 149.979 | 21.134 | 346.296 | 580.021 | 626.269 | 0.307 | 425.863 | 1724.076 | 0.998 | 14.748 |
| 9/6/2018 18:00 | 72000 | 150.025 | 21.136 | 346.403 | 580.58 | 626.842 | 0.308 | 426.253 | 1722.417 | 0.998 | 14.741 |
| 9/6/2018 18:15 | 72900 | 150.028 | 21.139 | 346.41 | 580.347 | 626.55 | 0.307 | 426.054 | 1723.107 | 0.998 | 14.74 |
| 9/6/2018 18:30 | 73800 | 149.998 | 21.147 | 346.342 | 580.458 | 626.574 | 0.307 | 426.071 | 1722.776 | 0.998 | 14.743 |
| 9/6/2018 18:45 | 74700 | 149.99 | 21.134 | 346.323 | 580.455 | 626.739 | 0.308 | 426.183 | 1722.786 | 0.998 | 14.743 |
| 9/6/2018 19:00 | 75600 | 150.046 | 21.135 | 346.451 | 580.815 | 626.861 | 0.308 | 426.466 | 1722.413 | 0.998 | 14.738 |
| 9/6/2018 19:15 | 76500 | 150.046 | 21.131 | 346.452 | 580.868 | 627.215 | 0.308 | 426.506 | 1721.561 | 0.998 | 14.739 |
| 9/6/2018 19:30 | 77400 | 150.031 | 21.142 | 346.417 | 580.757 | 626.96 | 0.308 | 426.333 | 1721.89 | 0.998 | 14.741 |
| 9/6/2018 19:45 | 78300 | 150.014 | 21.135 | 346.377 | 580.499 | 626.77 | 0.308 | 426.204 | 1722.657 | 0.998 | 14.734 |
| 9/6/2018 20:00 | 79200 | 150.015 | 21.134 | 346.381 | 580.359 | 626.626 | 0.307 | 426.106 | 1723.07 | 0.998 | 14.733 |
| 9/6/2018 20:15 | 80100 | 150.021 | 21.135 | 346.393 | 580.987 | 627.299 | 0.308 | 426.563 | 1721.208 | 0.998 | 14.733 |
| 9/6/2018 20:30 | 81000 | 150.057 | 21.131 | 346.479 | 580.983 | 627.346 | 0.308 | 426.596 | 1721.221 | 0.998 | 14.743 |
| 9/6/2018 20:45 | 81900 | 150.07 | 21.135 | 346.506 | 580.58 | 626.851 | 0.308 | 426.259 | 1722.414 | 0.998 | 14.744 |
| 9/6/2018 21:00 | 82800 | 150.077 | 21.139 | 346.524 | 580.467 | 626.678 | 0.308 | 426.141 | 1722.749 | 0.998 | 14.744 |
| 9/6/2018 21:15 | 83700 | 150.071 | 21.132 | 346.509 | 580.371 | 626.663 | 0.308 | 426.131 | 1723.037 | 0.998 | 14.746 |
| 9/6/2018 21:30 | 84600 | 150.084 | 21.138 | 346.538 | 580.621 | 626.866 | 0.308 | 426.269 | 1722.295 | 0.998 | 14.747 |
| 9/6/2018 21:45 | 85500 | 150.044 | 21.14 | 346.446 | 580.487 | 626.695 | 0.308 | 426.153 | 1722.693 | 0.998 | 14.747 |
| 9/6/2018 22:00 | 86400 | 150.082 | 21.135 | 346.535 | 580.413 | 626.915 | 0.308 | 426.302 | 1722.16 | 0.998 | 14.753 |
| 9/6/2018 22:15 | 87300 | 150.092 | 21.126 | 346.558 | 580.37 | 626.745 | 0.308 | 426.187 | 1723.04 | 0.998 | 14.743 |
| 9/6/2018 22:30 | 88200 | 150.059 | 21.137 | 346.483 | 580.134 | 626.351 | 0.307 | 425.919 | 1723.74 | 0.998 | 14.748 |
| 9/6/2018 22:45 | 89100 | 150.059 | 21.127 | 346.48 | 580.071 | 626.414 | 0.307 | 425.962 | 1723.926 | 0.998 | 14.75 |
| 9/6/2018 23:00 | 90000 | 150.101 | 21.14 | 346.578 | 580.602 | 626.817 | 0.308 | 426.236 | 1723.351 | 0.998 | 14.747 |
| 9/6/2018 23:15 | 90900 | 150.108 | 21.145 | 346.595 | 580.915 | 627.082 | 0.308 | 426.416 | 1721.423 | 0.998 | 14.744 |
| 9/6/2018 23:30 | 91800 | 150.117 | 21.145 | 346.615 | 580.39 | 626.518 | 0.307 | 426.032 | 1722.999 | 0.998 | 14.749 |
| 9/6/2018 23:45 | 92700 | 150.075 | 21.133 | 346.519 | 579.925 | 626.169 | 0.307 | 425.795 | 1724.362 | 0.998 | 14.744 |
| 9/7/2018 0:00 | 93600 | 150.084 | 21.144 | 346.539 | 579.813 | 625.916 | 0.307 | 425.623 | 1724.694 | 0.998 | 14.745 |
| 9/7/2018 0:15 | 94500 | 150.102 | 21.15 | 346.581 | 579.85 | 625.878 | 0.307 | 425.597 | 1724.583 | 0.998 | 14.745 |
| 9/7/2018 0:30 | 95400 | 150.078 | 21.137 | 346.526 | 579.989 | 626.186 | 0.307 | 425.807 | 1724.171 | 0.998 | 14.748 |
| 9/7/2018 0:45 | 96300 | 150.077 | 21.146 | 346.523 | 580.056 | 626.144 | 0.307 | 425.778 | 1723.972 | 0.998 | 14.747 |
| 9/7/2018 1:00 | 97200 | 150.095 | 21.135 | 346.575 | 579.952 | 625.957 | 0.307 | 425.651 | 1724.352 | 0.998 | 14.749 |
| 9/7/2018 1:15 | 98100 | 150.115 | 21.137 | 346.61 | 579.847 | 626.035 | 0.307 | 425.704 | 1724.592 | 0.998 | 14.748 |
| 9/7/2018 1:30 | 99000 | 150.138 | 21.126 | 346.664 | 580.218 | 626.582 | 0.307 | 426.076 | 1723.489 | 0.998 | 14.742 |
| 9/7/2018 1:45 | 99900 | 150.115 | 21.144 | 346.61 | 579.959 | 626.073 | 0.307 | 425.729 | 1724.26 | 0.998 | 14.744 |
| 9/7/2018 2:00 | 100800 | 150.1 | 21.142 | 346.577 | 580.083 | 626.228 | 0.307 | 425.835 | 1723.89 | 0.998 | 14.742 |
| 9/7/2018 2:15 | 101700 | 150.123 | 21.139 | 346.63 | 580.238 | 626.433 | 0.307 | 425.974 | 1723.43 | 0.998 | 14.739 |
| 9/7/2018 2:30 | 102600 | 150.106 | 21.13 | 346.589 | 580.341 | 626.44 | 0.308 | 426.041 | 1722.884 | 0.998 | 14.744 |
| 9/7/2018 2:45 | 103500 | 150.086 | 21.132 | 346.544 | 580.778 | 627.113 | 0.308 | 426.437 | 1721.83 | 0.998 | 14.736 |
| 9/7/2018 3:00 | 104400 | 150.114 | 21.137 | 346.609 | 580.547 | 626.793 | 0.308 | 426.22 | 1722.513 | 0.998 | 14.742 |
| 9/7/2018 3:15 | 105300 | 150.068 | 21.133 | 346.501 | 580.666 | 626.974 | 0.308 | 426.342 | 1722.159 | 0.998 | 14.741 |
| 9/7/2018 3:30 | 106200 | 150.104 | 21.139 | 346.586 | 580.742 | 626.976 | 0.308 | 426.344 | 1721.934 | 0.998 | 14.74 |
| 9/7/2018 3:45 | 107100 | 150.071 | 21.135 | 346.509 | 580.318 | 626.568 | 0.307 | 426.066 | 1723.193 | 0.998 | 14.74 |
| 9/7/2018 4:00 | 108000 | 150.066 | 21.119 | 346.498 | 580.266 | 626.724 | 0.308 | 426.172 | 1723.347 | 0.998 | 14.748 |
| 9/7/2018 4:15 | 108900 | 150.065 | 21.138 | 346.496 | 580.626 | 626.982 | 0.308 | 426.348 | 1722.28 | 0.998 | 14.74 |
| 9/7/2018 4:30 | 109800 | 150.057 | 21.131 | 346.478 | 580.526 | 626.843 | 0.308 | 426.253 | 1722.575 | 0.998 | 14.748 |
| 9/7/2018 4:45 | 110700 | 150.059 | 21.141 | 346.483 | 580.517 | 626.714 | 0.308 | 426.166 | 1722.604 | 0.998 | 14.742 |
| 9/7/2018 5:00 | 111600 | 150.097 | 21.134 | 346.57 | 580.334 | 626.599 | 0.307 | 426.088 | 1723.146 | 0.998 | 14.74 |
| 9/7/2018 5:15 | 112500 | 150.099 | 21.131 | 346.574 | 580.812 | 627.163 | 0.308 | 426.471 | 1721.727 | 0.998 | 14.731 |
| 9/7/2018 5:30 | 113400 | 150.092 | 21.113 | 346.557 | 580.988 | 627.366 | 0.308 | 426.609 | 1721.207 | 0.998 | 14.743 |
| 9/7/2018 5:45 | 114300 | 150.066 | 21.129 | 346.497 | 580.695 | 627.055 | 0.308 | 426.398 | 1722.076 | 0.998 | 14.736 |
| 9/7/2018 6:00 | 115200 | 150.087 | 21.143 | 346.546 | 580.523 | 626.686 | 0.308 | 426.147 | 1722.583 | 0.998 | 14.735 |
| 9/7/2018 6:15 | 116100 | 150.059 | 21.134 | 346.482 | 580.795 | 627.102 | 0.308 | 426.429 | 1721.777 | 0.998 | 14.739 |
| 9/7/2018 6:30 | 117000 | 150.052 | 21.126 | 346.465 | 580.962 | 627.383 | 0.308 | 426.62 | 1721.283 | 0.998 | 14.741 |
| 9/7/2018 6:45 | 117900 | 150.083 | 21.128 | 346.538 | 581.052 | 627.452 | 0.308 | 426.667 | 1721.016 | 0.998 | 14.748 |
| 9/7/2018 7:00 | 118800 | 150.047 | 21.134 | 346.454 | 580.689 | 626.989 | 0.308 | 426.353 | 1722.093 | 0.998 | 14.748 |
| 9/7/2018 7:15 | 119700 | 150.047 | 21.131 | 346.555 | 580.748 | 627.049 | 0.308 | 426.421 | 1721.917 | 0.998 | 14.747 |
| 9/7/2018 7:30 | 120600 | 150.05 | 21.127 | 346.462 | 581.086 | 627.505 | 0.308 | 426.704 | 1720.916 | 0.998 | 14.739 |
| 9/7/2018 7:45 | 121500 | 150.087 | 21.131 | 346.546 | 581.196 | 627.571 | 0.308 | 426.748 | 1720.589 | 0.998 | 14.747 |
| 9/7/2018 8:00 | 122400 | 150.069 | 21.146 | 346.504 | 580.959 | 627.125 | 0.308 | 426.445 | 1721.292 | 0.998 | 14.748 |
| 9/7/2018 8:15 | 123300 | 150.04 | 21.139 | 346.439 | 580.555 | 626.775 | 0.308 | 426.207 | 1722.491 | 0.998 | 14.745 |
| 9/7/2018 8:30 | 124200 | 150.094 | 21.138 | 346.563 | 581.102 | 627.297 | 0.308 | 426.562 | 1721.111 | 0.998 | 14.748 |
| 9/7/2018 8:45 | 125100 | 150.084 | 21.135 | 346.539 | 580.758 | 627.007 | 0.308 | 426.365 | 1721.888 | 0.998 | 14.749 |
| 9/7/2018 9:00 | 126000 | 150.061 | 21.133 | 346.487 | 580.57 | 626.867 | 0.308 | 426.27 | 1722.444 | 0.998 | 14.744 |
| 9/7/2018 9:15 | 126900 | 150.049 | 21.125 | 346.458 | 580.356 | 626.748 | 0.308 | 426.188 | 1723.08 | 0.998 | 14.751 |
| 9/7/2018 9:30 | 127800 | 150.087 | 21.139 | 346.545 | 580.913 | 627.164 | 0.308 | 426.472 | 1721.429 | 0.998 | 14.751 |
| 9/7/2018 9:45 | 128700 | 150.08 | 21.137 | 346.53 | 580.76 | 627.03 | 0.308 | 426.381 | 1721.88 | 0.998 | 14.755 |
| 9/7/2018 10:00 | 129600 | 150.059 | 21.131 | 346.482 | 580.554 | 626.873 | 0.308 | 426.274 | 1722.494 | 0.998 | 14.749 |
| 9/7/2018 10:15 | 130500 | 150.075 | 21.135 | 346.545 | 580.625 | 627.09 | 0.308 | 426.421 | 1722.47 | 0.998 | 14.747 |
| 9/7/2018 10:30 | 131400 | 150.05 | 21.127 | 346.461 | 580.697 | 627.082 | 0.308 | 426.416 | 1722.068 | 0.998 | 14.751 |
| 9/7/2018 10:45 | 132300 | 150.087 | 21.127 | 346.547 | 580.909 | 627.31 | 0.308 | 426.571 | 1721.44 | 0.998 | 14.752 |
| 9/7/2018 11:00 | 133200 | 150.09 | 21.144 | 346.554 | 580.958 | 627.15 | 0.308 | 426.462 | 1721.295 | 0.998 | 14.752 |
| 9/7/2018 11:15 | 134100 | 150.088 | 21.142 | 346.549 | 580.616 | 626.807 | 0.308 | 426.229 | 1722.31 | 0.998 | 14.756 |
| 9/7/2018 11:30 | 135000 | 150.068 | 21.137 | 346.502 | 580.631 | 626.884 | 0.308 | 426.281 | 1722.265 | 0.998 | 14.751 |
| 9/7/2018 11:45 | 135900 | 150.04 | 21.134 | 346.586 | 580.569 | 626.75 | 0.308 | 426.207 | 1722.448 | 0.998 | 14.747 |
| 9/7/2018 12:00 | 136800 | 150.071 | 21.139 | 346.51 | 580.642 | 626.864 | 0.308 | 426.267 | 1722.233 | 0.998 | 14.754 |
| 9/7/2018 12:15 | 137700 | 150.062 | 21.145 | 346.489 | 580.901 | 627.076 | 0.308 | 426.411 | 1721.465 | 0.998 | 14.749 |
| 9/7/2018 12:30 | 138600 | 150.086 | 21.125 | 346.545 | 580.673 | 627.091 | 0.308 | 426.422 | 1722.138 | 0.998 | 14.747 |
| 9/7/2018 12:45 | 139500 | 150.078 | 21.127 | 346.525 | 580.782 | 627.182 | 0.308 | 426.484 | 1721.816 | 0.998 | 14.744 |
| 9/7/2018 13:00 | 140400 | 150.083 | 21.129 | 346.537 | 581.24 | 627.651 | 0.308 | 426.803 | 1720.461 | 0.998 | 14.743 |
| 9/7/2018 13:15 | 141300 | 150.082 | 21.122 | 346.535 | 581.125 | 627.61 | 0.308 | 426.775 | 1720.799 | 0.998 | 14.743 |
| 9/7/2018 13:30 | 142200 | 150.112 | 21.129 | 346.603 | 581.529 | 627.983 | 0.308 | 427.082 | 1719.542 | 0.998 | 14.749 |
| 9/7/2018 13:45 | 143100 | 150.118 | 21.141 | 346.619 | 580.709 | 626.912 | 0.308 | 426.3 | 1722.031 | 0.998 | 14.744 |
| 9/7/2018 14:00 | 144000 | 150.129 | 21.129 | 346.643 | 580.961 | 627.35 | 0.308 | 426.598 | 1721.286 | 0.998 | 14.742 |
| 9/7/2018 14:15 | 144900 | 150. | | | | | | | | | |

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|------------------|--------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/8/2018 22:15 | 260100 | 150.313 | 21.129 | 347.068 | 580.871 | 627.240 | 0.308 | 426.529 | 1721.554 | 0.998 | 14.689 |
| 9/8/2018 22:30 | 261000 | 150.326 | 21.128 | 347.097 | 581.045 | 627.444 | 0.308 | 426.662 | 1721.037 | 0.998 | 14.69 |
| 9/8/2018 22:45 | 261900 | 150.296 | 21.126 | 347.029 | 581.062 | 627.486 | 0.308 | 426.69 | 1720.988 | 0.998 | 14.69 |
| 9/8/2018 23:00 | 262800 | 150.349 | 21.13 | 347.152 | 581.228 | 627.625 | 0.308 | 426.785 | 1720.496 | 0.998 | 14.69 |
| 9/8/2018 23:15 | 263700 | 150.351 | 21.141 | 347.155 | 581.019 | 627.253 | 0.308 | 426.532 | 1721.114 | 0.998 | 14.688 |
| 9/8/2018 23:30 | 264600 | 150.324 | 21.133 | 347.094 | 581.681 | 628.074 | 0.308 | 427.09 | 1719.156 | 0.998 | 14.69 |
| 9/8/2018 23:45 | 265500 | 150.325 | 21.135 | 347.099 | 582.213 | 628.142 | 0.308 | 427.545 | 1717.585 | 0.998 | 14.693 |
| 9/9/2018 0:00 | 266400 | 150.349 | 21.144 | 347.151 | 581.707 | 627.953 | 0.308 | 427.008 | 1719.078 | 0.998 | 14.69 |
| 9/9/2018 0:15 | 267300 | 150.369 | 21.14 | 347.197 | 581.154 | 627.415 | 0.308 | 426.642 | 1720.714 | 0.998 | 14.69 |
| 9/9/2018 0:30 | 268200 | 150.364 | 21.128 | 347.186 | 581.5 | 627.942 | 0.308 | 427.001 | 1719.691 | 0.998 | 14.688 |
| 9/9/2018 0:45 | 269100 | 150.329 | 21.123 | 347.104 | 581.553 | 628.066 | 0.308 | 427.085 | 1719.535 | 0.998 | 14.687 |
| 9/9/2018 1:00 | 270000 | 150.333 | 21.125 | 347.115 | 581.629 | 628.123 | 0.308 | 427.124 | 1719.309 | 0.998 | 14.686 |
| 9/9/2018 1:15 | 270900 | 150.375 | 21.147 | 347.21 | 581.386 | 627.625 | 0.308 | 426.785 | 1720.209 | 0.998 | 14.682 |
| 9/9/2018 1:30 | 271800 | 150.37 | 21.147 | 347.201 | 580.829 | 626.966 | 0.308 | 426.337 | 1721.677 | 0.998 | 14.686 |
| 9/9/2018 1:45 | 272700 | 150.373 | 21.132 | 347.206 | 580.683 | 627.003 | 0.308 | 426.362 | 1722.111 | 0.998 | 14.686 |
| 9/9/2018 2:00 | 273600 | 150.376 | 21.139 | 347.213 | 581.1 | 627.378 | 0.308 | 426.617 | 1720.844 | 0.998 | 14.682 |
| 9/9/2018 2:15 | 274500 | 150.339 | 21.134 | 347.129 | 581.048 | 627.378 | 0.308 | 426.617 | 1721.029 | 0.998 | 14.687 |
| 9/9/2018 2:30 | 275400 | 150.378 | 21.142 | 347.218 | 581.201 | 627.432 | 0.308 | 426.654 | 1720.576 | 0.998 | 14.682 |
| 9/9/2018 2:45 | 276300 | 150.374 | 21.14 | 347.21 | 581.395 | 627.821 | 0.308 | 426.735 | 1719.575 | 0.998 | 14.682 |
| 9/9/2018 3:00 | 277200 | 150.372 | 21.143 | 347.204 | 581.32 | 627.552 | 0.308 | 426.736 | 1720.222 | 0.998 | 14.682 |
| 9/9/2018 3:15 | 278100 | 150.367 | 21.149 | 347.194 | 581.171 | 627.318 | 0.308 | 426.576 | 1720.664 | 0.998 | 14.681 |
| 9/9/2018 3:30 | 279000 | 150.363 | 21.136 | 347.184 | 580.994 | 627.287 | 0.308 | 426.555 | 1721.189 | 0.998 | 14.683 |
| 9/9/2018 3:45 | 279900 | 150.387 | 21.135 | 347.24 | 581.11 | 627.423 | 0.308 | 426.648 | 1720.844 | 0.998 | 14.678 |
| 9/9/2018 4:00 | 280800 | 150.338 | 21.146 | 347.126 | 581.278 | 627.463 | 0.308 | 426.675 | 1720.346 | 0.998 | 14.682 |
| 9/9/2018 4:15 | 281700 | 150.374 | 21.145 | 347.208 | 581.21 | 627.405 | 0.308 | 426.653 | 1720.55 | 0.998 | 14.678 |
| 9/9/2018 4:30 | 282600 | 150.331 | 21.14 | 347.11 | 581.025 | 627.273 | 0.308 | 426.545 | 1721.097 | 0.998 | 14.682 |
| 9/9/2018 4:45 | 283500 | 150.327 | 21.135 | 347.099 | 581.05 | 627.37 | 0.308 | 426.611 | 1721.021 | 0.998 | 14.682 |
| 9/9/2018 5:00 | 284400 | 150.369 | 21.121 | 347.196 | 580.807 | 627.283 | 0.308 | 426.552 | 1721.744 | 0.998 | 14.677 |
| 9/9/2018 5:15 | 285300 | 150.348 | 21.143 | 347.15 | 581.285 | 627.51 | 0.308 | 426.707 | 1720.328 | 0.998 | 14.681 |
| 9/9/2018 5:30 | 286200 | 150.355 | 21.138 | 347.165 | 580.797 | 627.045 | 0.308 | 426.39 | 1721.773 | 0.998 | 14.678 |
| 9/9/2018 5:45 | 287100 | 150.319 | 21.125 | 347.182 | 580.793 | 627.214 | 0.308 | 426.506 | 1721.383 | 0.998 | 14.68 |
| 9/9/2018 6:00 | 288000 | 150.343 | 21.146 | 347.137 | 580.665 | 626.799 | 0.308 | 426.223 | 1722.163 | 0.998 | 14.688 |
| 9/9/2018 6:15 | 288900 | 150.349 | 21.133 | 347.151 | 580.778 | 627.099 | 0.308 | 426.427 | 1721.83 | 0.998 | 14.682 |
| 9/9/2018 6:30 | 289800 | 150.343 | 21.135 | 347.137 | 581.061 | 627.38 | 0.308 | 426.619 | 1720.989 | 0.998 | 14.688 |
| 9/9/2018 6:45 | 290700 | 150.313 | 21.123 | 347.068 | 581.544 | 628.056 | 0.308 | 427.078 | 1719.561 | 0.998 | 14.683 |
| 9/9/2018 7:00 | 291600 | 150.311 | 21.119 | 347.063 | 581.714 | 628.282 | 0.308 | 427.232 | 1719.057 | 0.998 | 14.689 |
| 9/9/2018 7:15 | 292500 | 150.335 | 21.145 | 347.119 | 580.809 | 627.048 | 0.308 | 426.393 | 1721.736 | 0.998 | 14.681 |
| 9/9/2018 7:30 | 293400 | 150.304 | 21.129 | 347.047 | 581.138 | 627.537 | 0.308 | 426.725 | 1720.763 | 0.998 | 14.689 |
| 9/9/2018 7:45 | 294300 | 150.334 | 21.13 | 347.118 | 581.213 | 627.598 | 0.308 | 426.767 | 1720.54 | 0.998 | 14.694 |
| 9/9/2018 8:00 | 295200 | 150.303 | 21.14 | 347.045 | 581.284 | 627.557 | 0.308 | 426.738 | 1720.328 | 0.998 | 14.692 |
| 9/9/2018 8:15 | 296100 | 150.29 | 21.132 | 347.015 | 580.753 | 627.078 | 0.308 | 426.413 | 1721.901 | 0.998 | 14.693 |
| 9/9/2018 8:30 | 297000 | 150.29 | 21.129 | 347.014 | 581.067 | 627.453 | 0.308 | 426.668 | 1720.972 | 0.998 | 14.695 |
| 9/9/2018 8:45 | 297900 | 150.32 | 21.13 | 347.083 | 581.327 | 627.724 | 0.308 | 426.852 | 1720.202 | 0.998 | 14.695 |
| 9/9/2018 9:00 | 298800 | 150.324 | 21.14 | 347.093 | 581.348 | 627.536 | 0.308 | 426.724 | 1721.41 | 0.998 | 14.696 |
| 9/9/2018 9:15 | 299700 | 150.283 | 21.135 | 346.998 | 580.818 | 627.107 | 0.308 | 426.433 | 1721.708 | 0.998 | 14.696 |
| 9/9/2018 9:30 | 300600 | 150.31 | 21.142 | 347.06 | 581.041 | 627.26 | 0.308 | 426.537 | 1721.048 | 0.998 | 14.698 |
| 9/9/2018 9:45 | 301500 | 150.291 | 21.127 | 347.017 | 581.11 | 627.535 | 0.308 | 426.724 | 1720.846 | 0.998 | 14.692 |
| 9/9/2018 10:00 | 302400 | 150.328 | 21.127 | 347.104 | 581.68 | 628.151 | 0.308 | 427.143 | 1719.159 | 0.998 | 14.693 |
| 9/9/2018 10:15 | 303300 | 150.32 | 21.14 | 347.085 | 581.006 | 627.253 | 0.308 | 426.532 | 1721.152 | 0.998 | 14.698 |
| 9/9/2018 10:30 | 304200 | 150.328 | 21.136 | 347.102 | 581.368 | 627.688 | 0.308 | 426.828 | 1720.082 | 0.998 | 14.692 |
| 9/9/2018 10:45 | 305100 | 150.33 | 21.135 | 347.107 | 581.407 | 627.749 | 0.308 | 426.869 | 1719.965 | 0.998 | 14.693 |
| 9/9/2018 11:00 | 306000 | 150.323 | 21.133 | 347.09 | 581.269 | 627.63 | 0.308 | 426.789 | 1720.375 | 0.998 | 14.693 |
| 9/9/2018 11:15 | 306900 | 150.355 | 21.128 | 347.164 | 581.156 | 627.57 | 0.308 | 426.747 | 1720.708 | 0.998 | 14.689 |
| 9/9/2018 11:30 | 307800 | 150.332 | 21.135 | 347.112 | 581.55 | 627.902 | 0.308 | 426.973 | 1719.544 | 0.998 | 14.692 |
| 9/9/2018 11:45 | 308700 | 150.335 | 21.144 | 347.12 | 581.46 | 627.688 | 0.308 | 426.828 | 1719.809 | 0.998 | 14.687 |
| 9/9/2018 12:00 | 309600 | 150.302 | 21.139 | 347.042 | 581.231 | 627.502 | 0.308 | 426.701 | 1720.487 | 0.998 | 14.692 |
| 9/9/2018 12:15 | 310500 | 150.349 | 21.134 | 347.152 | 581.11 | 627.441 | 0.308 | 426.66 | 1720.844 | 0.998 | 14.689 |
| 9/9/2018 12:30 | 311400 | 150.305 | 21.136 | 347.05 | 581.013 | 627.316 | 0.308 | 426.575 | 1721.132 | 0.998 | 14.689 |
| 9/9/2018 12:45 | 312300 | 150.312 | 21.13 | 347.065 | 581.332 | 627.73 | 0.308 | 426.856 | 1720.188 | 0.998 | 14.687 |
| 9/9/2018 13:00 | 313200 | 150.348 | 21.137 | 347.15 | 581.253 | 627.55 | 0.308 | 426.734 | 1720.422 | 0.998 | 14.684 |
| 9/9/2018 13:15 | 314100 | 150.346 | 21.138 | 347.145 | 581.266 | 627.558 | 0.308 | 426.739 | 1720.384 | 0.998 | 14.69 |
| 9/9/2018 13:30 | 315000 | 150.354 | 21.14 | 347.158 | 581.33 | 627.577 | 0.308 | 426.75 | 1720.673 | 0.998 | 14.692 |
| 9/9/2018 13:45 | 315900 | 150.358 | 21.136 | 347.173 | 581.111 | 627.421 | 0.308 | 426.644 | 1720.842 | 0.998 | 14.688 |
| 9/9/2018 14:00 | 316800 | 150.33 | 21.124 | 347.106 | 580.976 | 627.419 | 0.308 | 426.645 | 1721.243 | 0.998 | 14.691 |
| 9/9/2018 14:15 | 317700 | 150.366 | 21.137 | 347.19 | 581.627 | 627.954 | 0.308 | 427.009 | 1719.314 | 0.998 | 14.685 |
| 9/9/2018 14:30 | 318600 | 150.326 | 21.133 | 347.099 | 581.525 | 627.899 | 0.308 | 426.972 | 1719.615 | 0.998 | 14.687 |
| 9/9/2018 14:45 | 319500 | 150.355 | 21.13 | 347.165 | 581.437 | 627.84 | 0.308 | 426.931 | 1719.877 | 0.998 | 14.689 |
| 9/9/2018 15:00 | 320400 | 150.313 | 21.126 | 347.114 | 581.231 | 627.502 | 0.308 | 426.701 | 1720.487 | 0.998 | 14.692 |
| 9/9/2018 15:15 | 321300 | 150.382 | 21.131 | 347.228 | 580.839 | 627.181 | 0.308 | 426.483 | 1721.648 | 0.998 | 14.694 |
| 9/9/2018 15:30 | 322200 | 150.388 | 21.139 | 347.242 | 581.018 | 627.275 | 0.308 | 426.547 | 1721.117 | 0.998 | 14.675 |
| 9/9/2018 15:45 | 323100 | 150.343 | 21.144 | 347.137 | 581.182 | 627.392 | 0.308 | 426.627 | 1720.632 | 0.998 | 14.674 |
| 9/9/2018 16:00 | 324000 | 150.387 | 21.145 | 347.24 | 580.921 | 627.09 | 0.308 | 426.421 | 1721.405 | 0.998 | 14.679 |
| 9/9/2018 16:15 | 324900 | 150.39 | 21.144 | 347.246 | 581.368 | 627.595 | 0.308 | 426.764 | 1720.081 | 0.998 | 14.683 |
| 9/9/2018 16:30 | 325800 | 150.391 | 21.136 | 347.249 | 581.136 | 627.36 | 0.308 | 426.585 | 1720.277 | 0.998 | 14.678 |
| 9/9/2018 16:45 | 326700 | 150.392 | 21.139 | 347.25 | 581.248 | 627.523 | 0.308 | 426.716 | 1720.436 | 0.998 | 14.676 |
| 9/9/2018 17:00 | 327600 | 150.396 | 21.144 | 347.259 | 581.229 | 627.438 | 0.308 | 426.658 | 1720.492 | 0.998 | 14.673 |
| 9/9/2018 17:15 | 328500 | 150.36 | 21.143 | 347.178 | 581.39 | 627.632 | 0.308 | 426.79 | 1720.016 | 0.998 | 14.673 |
| 9/9/2018 17:30 | 329400 | 150.371 | 21.129 | 347.202 | 581.228 | 627.635 | 0.308 | 426.792 | 1720.494 | 0.998 | 14.671 |
| 9/9/2018 17:45 | 330300 | 150.361 | 21.139 | 347.179 | 581.031 | 627.286 | 0.308 | 426.555 | 1721.079 | 0.998 | 14.671 |
| 9/9/2018 18:00 | 331200 | 150.397 | 21.138 | 347.263 | 581.029 | 627.807 | 0.308 | 426.569 | 1721.084 | 0.998 | 14.672 |
| 9/9/2018 18:15 | 332100 | 150.403 | 21.143 | 347.275 | 580.682 | 626.867 | 0.308 | 426.469 | 1722.112 | 0.998 | 14.681 |
| 9/9/2018 18:30 | 333000 | 150.38 | 21.12 | 347.223 | 581.413 | 627.953 | 0.308 | 427.008 | 1719.949 | 0.998 | 14.662 |
| 9/9/2018 18:45 | 333900 | 150.374 | 21.132 | 347.208 | 581.314 | 627.69 | 0.308 | 426.829 | 1720.24 | 0.998 | 14.665 |
| 9/9/2018 19:00</ | | | | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|--------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/11/2018 3:00 | 450000 | 150.634 | 21.13 | 347.809 | 580.741 | 627.088 | 0.308 | 426.42 | 1721.938 | 0.998 | 14.67 |
| 9/11/2018 3:15 | 450900 | 150.639 | 21.143 | 347.82 | 580.834 | 627.028 | 0.308 | 426.379 | 1721.663 | 0.998 | 14.67 |
| 9/11/2018 3:30 | 451800 | 150.636 | 21.142 | 347.814 | 580.158 | 626.308 | 0.307 | 425.89 | 1723.667 | 0.998 | 14.672 |
| 9/11/2018 3:45 | 452700 | 150.614 | 21.13 | 347.764 | 580.541 | 626.873 | 0.308 | 426.274 | 1722.53 | 0.998 | 14.668 |
| 9/11/2018 4:00 | 453600 | 150.599 | 21.125 | 347.729 | 580.365 | 626.748 | 0.308 | 426.189 | 1723.055 | 0.998 | 14.678 |
| 9/11/2018 4:15 | 454500 | 150.641 | 21.122 | 347.826 | 581.481 | 628 | 0.308 | 427.04 | 1719.747 | 0.998 | 14.67 |
| 9/11/2018 4:30 | 455400 | 150.645 | 21.141 | 347.834 | 581.271 | 628.172 | 0.308 | 426.19 | 1720.669 | 0.998 | 14.669 |
| 9/11/2018 4:45 | 456300 | 150.651 | 21.126 | 347.849 | 581.38 | 627.839 | 0.308 | 426.93 | 1720.045 | 0.998 | 14.67 |
| 9/11/2018 5:00 | 457200 | 150.611 | 21.138 | 347.755 | 581.438 | 627.745 | 0.308 | 426.867 | 1719.873 | 0.998 | 14.675 |
| 9/11/2018 5:15 | 458100 | 150.645 | 21.133 | 347.834 | 581.096 | 627.439 | 0.308 | 426.659 | 1720.887 | 0.998 | 14.671 |
| 9/11/2018 5:30 | 459000 | 150.602 | 21.142 | 347.735 | 581.067 | 627.292 | 0.308 | 426.559 | 1720.972 | 0.998 | 14.671 |
| 9/11/2018 5:45 | 459900 | 150.651 | 21.133 | 347.848 | 581.051 | 627.384 | 0.308 | 426.621 | 1721.018 | 0.998 | 14.673 |
| 9/11/2018 6:00 | 460800 | 150.606 | 21.126 | 347.745 | 581.225 | 627.777 | 0.308 | 426.889 | 1720.207 | 0.998 | 14.667 |
| 9/11/2018 6:15 | 461700 | 150.649 | 21.139 | 347.843 | 581.107 | 627.372 | 0.308 | 426.613 | 1720.852 | 0.998 | 14.669 |
| 9/11/2018 6:30 | 462600 | 150.605 | 21.14 | 347.742 | 581.136 | 627.394 | 0.308 | 426.628 | 1720.767 | 0.998 | 14.676 |
| 9/11/2018 6:45 | 463500 | 150.62 | 21.126 | 347.777 | 580.959 | 627.375 | 0.308 | 426.615 | 1721.29 | 0.998 | 14.668 |
| 9/11/2018 7:00 | 464400 | 150.63 | 21.151 | 347.801 | 580.574 | 626.639 | 0.307 | 426.115 | 1722.434 | 0.998 | 14.677 |
| 9/11/2018 7:15 | 465300 | 150.628 | 21.147 | 347.794 | 580.416 | 626.521 | 0.307 | 426.034 | 1722.902 | 0.998 | 14.68 |
| 9/11/2018 7:30 | 466200 | 150.589 | 21.129 | 347.756 | 580.292 | 627.141 | 0.308 | 425.456 | 1721.49 | 0.998 | 14.685 |
| 9/11/2018 7:45 | 467100 | 150.638 | 21.137 | 347.819 | 581.349 | 627.659 | 0.308 | 426.808 | 1720.138 | 0.998 | 14.684 |
| 9/11/2018 8:00 | 468000 | 150.599 | 21.126 | 347.729 | 581.209 | 627.655 | 0.308 | 426.806 | 1720.551 | 0.998 | 14.683 |
| 9/11/2018 8:15 | 468900 | 150.592 | 21.132 | 347.713 | 581.391 | 627.767 | 0.308 | 426.882 | 1720.012 | 0.998 | 14.687 |
| 9/11/2018 8:30 | 469800 | 150.586 | 21.121 | 347.699 | 581.656 | 628.192 | 0.308 | 427.17 | 1719.23 | 0.998 | 14.692 |
| 9/11/2018 8:45 | 470700 | 150.62 | 21.127 | 347.776 | 581.456 | 627.9 | 0.308 | 426.972 | 1719.822 | 0.998 | 14.695 |
| 9/11/2018 9:00 | 471600 | 150.577 | 21.142 | 347.673 | 581.509 | 627.77 | 0.308 | 426.883 | 1719.664 | 0.998 | 14.694 |
| 9/11/2018 9:15 | 472500 | 150.608 | 21.135 | 347.749 | 581.16 | 627.487 | 0.308 | 426.691 | 1720.696 | 0.998 | 14.694 |
| 9/11/2018 9:30 | 473400 | 150.608 | 21.134 | 347.75 | 581.226 | 627.571 | 0.308 | 426.748 | 1720.5 | 0.998 | 14.694 |
| 9/11/2018 9:45 | 474300 | 150.629 | 21.134 | 347.797 | 581.884 | 628.273 | 0.308 | 427.226 | 1718.556 | 0.998 | 14.693 |
| 9/11/2018 10:00 | 475200 | 150.615 | 21.137 | 347.766 | 581.885 | 628.237 | 0.308 | 427.201 | 1718.554 | 0.998 | 14.695 |
| 9/11/2018 10:15 | 476100 | 150.583 | 21.142 | 347.691 | 581.595 | 627.86 | 0.308 | 426.945 | 1719.41 | 0.998 | 14.695 |
| 9/11/2018 10:30 | 477000 | 150.612 | 21.138 | 347.796 | 581.438 | 627.745 | 0.308 | 426.867 | 1719.874 | 0.998 | 14.691 |
| 9/11/2018 10:45 | 477900 | 150.612 | 21.14 | 347.758 | 582.309 | 628.653 | 0.309 | 427.484 | 1717.302 | 0.998 | 14.695 |
| 9/11/2018 11:00 | 478800 | 150.614 | 21.126 | 347.764 | 581.681 | 628.166 | 0.308 | 427.153 | 1719.155 | 0.998 | 14.689 |
| 9/11/2018 11:15 | 479700 | 150.591 | 21.119 | 347.709 | 582.236 | 628.848 | 0.309 | 427.617 | 1717.516 | 0.998 | 14.691 |
| 9/11/2018 11:30 | 480600 | 150.622 | 21.129 | 347.781 | 582.232 | 628.711 | 0.309 | 427.524 | 1717.527 | 0.998 | 14.692 |
| 9/11/2018 11:45 | 481500 | 150.589 | 21.133 | 347.706 | 582.216 | 628.648 | 0.309 | 427.481 | 1717.576 | 0.998 | 14.688 |
| 9/11/2018 12:00 | 482400 | 150.622 | 21.136 | 347.782 | 582.24 | 628.736 | 0.309 | 427.557 | 1716.374 | 0.998 | 14.687 |
| 9/11/2018 12:15 | 483300 | 150.595 | 21.133 | 347.719 | 582.372 | 628.813 | 0.309 | 427.593 | 1717.114 | 0.998 | 14.687 |
| 9/11/2018 12:30 | 484200 | 150.587 | 21.128 | 347.702 | 582.756 | 629.302 | 0.309 | 427.925 | 1715.985 | 0.998 | 14.687 |
| 9/11/2018 12:45 | 485100 | 150.615 | 21.117 | 347.766 | 583.188 | 629.901 | 0.309 | 428.333 | 1714.712 | 0.998 | 14.676 |
| 9/11/2018 13:00 | 486000 | 150.63 | 21.144 | 347.8 | 582.571 | 628.885 | 0.309 | 427.642 | 1716.529 | 0.998 | 14.688 |
| 9/11/2018 13:15 | 486900 | 150.631 | 21.132 | 347.803 | 582.237 | 628.678 | 0.309 | 427.501 | 1717.514 | 0.998 | 14.682 |
| 9/11/2018 13:30 | 487800 | 150.603 | 21.123 | 347.737 | 582.955 | 629.579 | 0.309 | 428.114 | 1715.399 | 0.998 | 14.679 |
| 9/11/2018 13:45 | 488700 | 150.594 | 21.147 | 347.717 | 581.81 | 628.022 | 0.308 | 427.062 | 1718.175 | 0.998 | 14.68 |
| 9/11/2018 14:00 | 489600 | 150.627 | 21.142 | 347.793 | 581.61 | 627.872 | 0.308 | 426.953 | 1719.364 | 0.998 | 14.687 |
| 9/11/2018 14:15 | 490500 | 150.641 | 21.146 | 347.825 | 581.667 | 627.887 | 0.308 | 426.963 | 1719.198 | 0.998 | 14.679 |
| 9/11/2018 14:30 | 491400 | 150.6 | 21.145 | 347.73 | 581.717 | 627.959 | 0.308 | 427.012 | 1719.048 | 0.998 | 14.678 |
| 9/11/2018 14:45 | 492300 | 150.648 | 21.136 | 347.842 | 581.903 | 628.266 | 0.308 | 427.221 | 1718.501 | 0.998 | 14.671 |
| 9/11/2018 15:00 | 493200 | 150.638 | 21.142 | 347.82 | 581.903 | 628.188 | 0.308 | 427.168 | 1718.499 | 0.998 | 14.676 |
| 9/11/2018 15:15 | 494100 | 150.648 | 21.145 | 347.842 | 581.908 | 628.143 | 0.308 | 427.138 | 1718.513 | 0.998 | 14.667 |
| 9/11/2018 15:30 | 495000 | 150.653 | 21.13 | 347.852 | 582.184 | 628.655 | 0.309 | 427.485 | 1717.67 | 0.998 | 14.666 |
| 9/11/2018 15:45 | 495900 | 150.616 | 21.127 | 347.767 | 582.125 | 628.633 | 0.309 | 427.471 | 1717.843 | 0.998 | 14.665 |
| 9/11/2018 16:00 | 496800 | 150.664 | 21.134 | 347.878 | 582.238 | 628.655 | 0.309 | 427.486 | 1717.511 | 0.998 | 14.665 |
| 9/11/2018 16:15 | 497700 | 150.641 | 21.13 | 347.825 | 582.257 | 628.736 | 0.309 | 427.541 | 1717.456 | 0.998 | 14.668 |
| 9/11/2018 16:30 | 498600 | 150.614 | 21.138 | 347.762 | 582.795 | 629.202 | 0.309 | 427.857 | 1715.87 | 0.998 | 14.669 |
| 9/11/2018 16:45 | 499500 | 150.611 | 21.124 | 347.757 | 582.81 | 629.41 | 0.309 | 427.999 | 1715.826 | 0.998 | 14.67 |
| 9/11/2018 17:00 | 500400 | 150.651 | 21.126 | 347.849 | 582.423 | 629.964 | 0.309 | 427.696 | 1716.965 | 0.998 | 14.666 |
| 9/11/2018 17:15 | 501300 | 150.609 | 21.142 | 347.752 | 582.302 | 628.62 | 0.309 | 427.462 | 1717.321 | 0.998 | 14.661 |
| 9/11/2018 17:30 | 502200 | 150.606 | 21.137 | 347.745 | 581.834 | 628.186 | 0.308 | 427.166 | 1718.704 | 0.998 | 14.664 |
| 9/11/2018 17:45 | 503100 | 150.644 | 21.135 | 347.832 | 582.013 | 628.398 | 0.308 | 427.311 | 1718.175 | 0.998 | 14.656 |
| 9/11/2018 18:00 | 504000 | 150.604 | 21.125 | 347.74 | 581.968 | 628.488 | 0.308 | 427.372 | 1718.309 | 0.998 | 14.661 |
| 9/11/2018 18:15 | 504900 | 150.637 | 21.123 | 347.826 | 582.21 | 629.066 | 0.309 | 427.724 | 1719.624 | 0.998 | 14.663 |
| 9/11/2018 18:30 | 505800 | 150.636 | 21.141 | 347.813 | 582.67 | 629.037 | 0.309 | 427.745 | 1716.238 | 0.998 | 14.657 |
| 9/11/2018 18:45 | 506700 | 150.592 | 21.136 | 347.712 | 582.545 | 628.962 | 0.309 | 427.694 | 1716.605 | 0.998 | 14.656 |
| 9/11/2018 19:00 | 507600 | 150.601 | 21.123 | 347.733 | 582.774 | 629.383 | 0.309 | 427.981 | 1715.932 | 0.998 | 14.655 |
| 9/11/2018 19:15 | 508500 | 150.633 | 21.135 | 347.806 | 582.869 | 629.329 | 0.309 | 427.944 | 1715.652 | 0.998 | 14.661 |
| 9/11/2018 19:30 | 509400 | 150.597 | 21.121 | 347.723 | 582.401 | 628.998 | 0.309 | 427.719 | 1717.029 | 0.998 | 14.662 |
| 9/11/2018 19:45 | 510300 | 150.624 | 21.134 | 347.786 | 582.905 | 629.865 | 0.309 | 427.98 | 1715.47 | 0.998 | 14.657 |
| 9/11/2018 20:00 | 511200 | 150.622 | 21.14 | 347.782 | 582.424 | 628.777 | 0.309 | 427.568 | 1716.961 | 0.998 | 14.66 |
| 9/11/2018 20:15 | 512100 | 150.618 | 21.131 | 347.772 | 581.909 | 628.341 | 0.308 | 427.272 | 1718.483 | 0.998 | 14.656 |
| 9/11/2018 20:30 | 513000 | 150.625 | 21.134 | 347.789 | 582.133 | 628.545 | 0.308 | 427.411 | 1717.821 | 0.998 | 14.662 |
| 9/11/2018 20:45 | 513900 | 150.619 | 21.129 | 347.775 | 581.938 | 628.393 | 0.308 | 427.308 | 1718.396 | 0.998 | 14.66 |
| 9/11/2018 21:00 | 514800 | 150.586 | 21.124 | 347.698 | 582.412 | 628.976 | 0.309 | 427.704 | 1716.996 | 0.998 | 14.673 |
| 9/11/2018 21:15 | 515700 | 150.622 | 21.119 | 347.782 | 582.415 | 628.922 | 0.309 | 427.797 | 1716.971 | 0.998 | 14.667 |
| 9/11/2018 21:30 | 516600 | 150.613 | 21.142 | 347.762 | 582.524 | 628.861 | 0.308 | 427.625 | 1716.668 | 0.998 | 14.671 |
| 9/11/2018 21:45 | 517500 | 150.576 | 21.138 | 347.675 | 582.02 | 628.366 | 0.308 | 427.289 | 1718.153 | 0.998 | 14.676 |
| 9/11/2018 22:00 | 518400 | 150.57 | 21.128 | 347.661 | 581.94 | 628.409 | 0.308 | 427.318 | 1718.391 | 0.998 | 14.675 |
| 9/11/2018 22:15 | 519300 | 150.561 | 21.127 | 347.641 | 582.738 | 629.291 | 0.309 | 427.918 | 1716.036 | 0.998 | 14.682 |
| 9/11/2018 22:30 | 520200 | 150.564 | 21.128 | 347.647 | 582.405 | 628.923 | 0.309 | 427.668 | 1717.018 | 0.998 | 14.677 |
| 9/11/2018 22:45 | 521100 | 150.564 | 21.118 | 347.647 | 582.542 | 629.188 | 0.309 | 427.855 | 1716.614 | 0.998 | 14.678 |
| 9/11/2018 23:00 | 522000 | 150.564 | 21.133 | 347.648 | 582.666 | 629.135 | 0.309 | 427.812 | 1716.25 | 0.998 | 14.68 |
| 9/11/2018 23:15 | 522900 | 150.603 | 21.124 | 347.738 | 582.179 | 628.721 | 0.309 | 427.53 | 1717.684 | 0.998 | 14.678 |
| 9/11/2018 23:30 | 523800 | 150.606 | 21.137 | 347. | | | | | | | |

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|-----------------|--------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/13/2018 7:45 | 639900 | 150.452 | 21.138 | 347.389 | 583.252 | 620.705 | 0.309 | 428.2 | 1714.526 | 0.998 | 14.726 |
| 9/13/2018 8:00 | 640800 | 150.421 | 21.124 | 347.317 | 583.111 | 620.737 | 0.309 | 428.221 | 1714.939 | 0.998 | 14.726 |
| 9/13/2018 8:15 | 641700 | 150.414 | 21.13 | 347.302 | 583.166 | 620.715 | 0.309 | 428.206 | 1714.779 | 0.998 | 14.73 |
| 9/13/2018 8:30 | 642600 | 150.448 | 21.149 | 347.38 | 582.511 | 628.76 | 0.309 | 427.557 | 1716.704 | 0.998 | 14.737 |
| 9/13/2018 8:45 | 643500 | 150.443 | 21.142 | 347.369 | 582.368 | 628.697 | 0.309 | 427.514 | 1717.126 | 0.998 | 14.743 |
| 9/13/2018 9:00 | 644400 | 150.447 | 21.13 | 347.377 | 582.646 | 629.154 | 0.309 | 427.825 | 1716.309 | 0.998 | 14.739 |
| 9/13/2018 9:15 | 645300 | 150.421 | 21.134 | 347.38 | 582.790 | 629.025 | 0.309 | 427.737 | 1716.004 | 0.998 | 14.741 |
| 9/13/2018 9:30 | 646200 | 150.471 | 21.13 | 347.433 | 583.015 | 629.552 | 0.309 | 428.095 | 1715.223 | 0.998 | 14.732 |
| 9/13/2018 9:45 | 647100 | 150.449 | 21.13 | 347.381 | 583.452 | 630.018 | 0.309 | 428.412 | 1713.936 | 0.998 | 14.74 |
| 9/13/2018 10:00 | 648000 | 150.45 | 21.132 | 347.384 | 583.463 | 630.014 | 0.309 | 428.409 | 1713.903 | 0.998 | 14.741 |
| 9/13/2018 10:15 | 648900 | 150.45 | 21.132 | 347.384 | 583.324 | 629.856 | 0.309 | 428.302 | 1714.313 | 0.998 | 14.742 |
| 9/13/2018 10:30 | 649800 | 150.42 | 21.122 | 347.316 | 583.277 | 629.938 | 0.309 | 428.358 | 1714.45 | 0.998 | 14.743 |
| 9/13/2018 10:45 | 650700 | 150.457 | 21.14 | 347.4 | 582.454 | 629.551 | 0.309 | 427.551 | 1716.862 | 0.998 | 14.744 |
| 9/13/2018 11:00 | 651600 | 150.411 | 21.142 | 347.295 | 582.53 | 628.876 | 0.309 | 427.635 | 1716.649 | 0.998 | 14.746 |
| 9/13/2018 11:15 | 652500 | 150.406 | 21.14 | 347.283 | 582.534 | 628.898 | 0.309 | 427.651 | 1716.639 | 0.998 | 14.745 |
| 9/13/2018 11:30 | 653400 | 150.452 | 21.131 | 347.389 | 582.726 | 629.23 | 0.309 | 427.876 | 1716.073 | 0.998 | 14.746 |
| 9/13/2018 11:45 | 654300 | 150.405 | 21.116 | 347.282 | 583.246 | 629.983 | 0.309 | 428.389 | 1714.542 | 0.998 | 14.752 |
| 9/13/2018 12:00 | 655200 | 150.454 | 21.131 | 347.393 | 583.499 | 630.061 | 0.309 | 428.442 | 1713.799 | 0.998 | 14.74 |
| 9/13/2018 12:15 | 656100 | 150.456 | 21.134 | 347.396 | 583.296 | 629.555 | 0.309 | 428.098 | 1714.984 | 0.998 | 14.744 |
| 9/13/2018 12:30 | 657000 | 150.423 | 21.126 | 347.323 | 583.288 | 629.897 | 0.309 | 428.33 | 1714.418 | 0.998 | 14.743 |
| 9/13/2018 12:45 | 657900 | 150.462 | 21.138 | 347.412 | 583.106 | 629.538 | 0.309 | 428.086 | 1714.955 | 0.998 | 14.74 |
| 9/13/2018 13:00 | 658800 | 150.45 | 21.133 | 347.385 | 582.75 | 629.218 | 0.309 | 427.868 | 1716.003 | 0.998 | 14.745 |
| 9/13/2018 13:15 | 659700 | 150.42 | 21.125 | 347.316 | 582.846 | 629.434 | 0.309 | 428.015 | 1715.72 | 0.998 | 14.741 |
| 9/13/2018 13:30 | 660600 | 150.463 | 21.138 | 347.416 | 582.665 | 629.065 | 0.309 | 427.764 | 1716.251 | 0.998 | 14.739 |
| 9/13/2018 13:45 | 661500 | 150.463 | 21.145 | 347.414 | 582.817 | 629.142 | 0.309 | 427.816 | 1715.805 | 0.998 | 14.74 |
| 9/13/2018 14:00 | 662400 | 150.457 | 21.137 | 347.4 | 582.792 | 629.215 | 0.309 | 427.866 | 1715.878 | 0.998 | 14.738 |
| 9/13/2018 14:15 | 663300 | 150.432 | 21.13 | 347.342 | 582.573 | 629.077 | 0.309 | 427.772 | 1716.523 | 0.998 | 14.737 |
| 9/13/2018 14:30 | 664200 | 150.455 | 21.114 | 347.396 | 583.124 | 629.881 | 0.309 | 428.319 | 1714.902 | 0.998 | 14.736 |
| 9/13/2018 14:45 | 665100 | 150.481 | 21.129 | 347.456 | 583.735 | 630.34 | 0.309 | 428.631 | 1713.106 | 0.998 | 14.734 |
| 9/13/2018 15:00 | 666000 | 150.489 | 21.132 | 347.475 | 583.348 | 629.887 | 0.309 | 428.323 | 1714.244 | 0.998 | 14.729 |
| 9/13/2018 15:15 | 666900 | 150.491 | 21.145 | 347.479 | 582.782 | 629.124 | 0.309 | 427.791 | 1715.908 | 0.998 | 14.73 |
| 9/13/2018 15:30 | 667800 | 150.497 | 21.141 | 347.493 | 582.323 | 628.665 | 0.309 | 427.492 | 1717.261 | 0.998 | 14.727 |
| 9/13/2018 15:45 | 668700 | 150.492 | 21.144 | 347.481 | 582.254 | 628.551 | 0.308 | 427.414 | 1717.465 | 0.998 | 14.722 |
| 9/13/2018 16:00 | 669600 | 150.466 | 21.121 | 347.421 | 582.453 | 629.065 | 0.309 | 427.765 | 1716.877 | 0.998 | 14.726 |
| 9/13/2018 16:15 | 670500 | 150.47 | 21.115 | 347.43 | 582.724 | 629.431 | 0.309 | 428.013 | 1716.079 | 0.998 | 14.726 |
| 9/13/2018 16:30 | 671400 | 150.507 | 21.144 | 347.515 | 582.411 | 628.714 | 0.309 | 427.525 | 1717.001 | 0.998 | 14.716 |
| 9/13/2018 16:45 | 672300 | 150.508 | 21.145 | 347.525 | 582.625 | 629.166 | 0.309 | 427.833 | 1716.338 | 0.998 | 14.714 |
| 9/13/2018 17:00 | 673200 | 150.508 | 21.143 | 347.519 | 582.746 | 629.093 | 0.309 | 427.784 | 1716.014 | 0.998 | 14.713 |
| 9/13/2018 17:15 | 674100 | 150.51 | 21.139 | 347.523 | 582.444 | 628.815 | 0.309 | 427.594 | 1716.903 | 0.998 | 14.712 |
| 9/13/2018 17:30 | 675000 | 150.48 | 21.116 | 347.453 | 582.966 | 629.684 | 0.309 | 428.185 | 1715.367 | 0.998 | 14.711 |
| 9/13/2018 17:45 | 675900 | 150.484 | 21.112 | 347.463 | 583.41 | 630.215 | 0.309 | 428.546 | 1714.106 | 0.998 | 14.716 |
| 9/13/2018 18:00 | 676800 | 150.515 | 21.136 | 347.534 | 583.364 | 629.851 | 0.309 | 428.299 | 1714.196 | 0.998 | 14.709 |
| 9/13/2018 18:15 | 677700 | 150.523 | 21.144 | 347.552 | 582.436 | 628.736 | 0.309 | 427.54 | 1716.528 | 0.998 | 14.707 |
| 9/13/2018 18:30 | 678600 | 150.524 | 21.142 | 347.556 | 581.989 | 628.297 | 0.309 | 427.242 | 1718.246 | 0.998 | 14.706 |
| 9/13/2018 18:45 | 679500 | 150.52 | 21.137 | 347.546 | 582.061 | 628.435 | 0.308 | 427.336 | 1718.032 | 0.998 | 14.708 |
| 9/13/2018 19:00 | 680400 | 150.495 | 21.129 | 347.489 | 581.478 | 627.902 | 0.308 | 426.974 | 1719.756 | 0.998 | 14.704 |
| 9/13/2018 19:15 | 681300 | 150.493 | 21.138 | 347.484 | 582.13 | 628.486 | 0.308 | 427.37 | 1717.828 | 0.998 | 14.707 |
| 9/13/2018 19:30 | 682200 | 150.495 | 21.137 | 347.487 | 582.13 | 628.501 | 0.308 | 427.38 | 1717.83 | 0.998 | 14.709 |
| 9/13/2018 19:45 | 683100 | 150.531 | 21.124 | 347.572 | 582.55 | 629.123 | 0.309 | 427.804 | 1716.592 | 0.998 | 14.713 |
| 9/13/2018 20:00 | 684000 | 150.496 | 21.132 | 347.491 | 581.67 | 628.069 | 0.308 | 427.087 | 1719.188 | 0.998 | 14.712 |
| 9/13/2018 20:15 | 684900 | 150.487 | 21.137 | 347.47 | 581.879 | 628.228 | 0.308 | 427.195 | 1718.57 | 0.998 | 14.713 |
| 9/13/2018 20:30 | 685800 | 150.483 | 21.132 | 347.46 | 581.619 | 628.012 | 0.308 | 427.048 | 1719.339 | 0.998 | 14.717 |
| 9/13/2018 20:45 | 686700 | 150.491 | 21.127 | 347.48 | 582.35 | 628.871 | 0.309 | 427.632 | 1717.182 | 0.998 | 14.717 |
| 9/13/2018 21:00 | 687600 | 150.492 | 21.123 | 347.48 | 581.891 | 628.424 | 0.308 | 427.328 | 1718.534 | 0.998 | 14.713 |
| 9/13/2018 21:15 | 688500 | 150.521 | 21.138 | 347.549 | 581.873 | 628.214 | 0.308 | 427.185 | 1718.587 | 0.998 | 14.72 |
| 9/13/2018 21:30 | 689400 | 150.525 | 21.124 | 347.557 | 582.232 | 628.848 | 0.309 | 427.617 | 1717.468 | 0.998 | 14.723 |
| 9/13/2018 21:45 | 690300 | 150.484 | 21.123 | 347.464 | 582.471 | 629.048 | 0.309 | 427.753 | 1716.825 | 0.998 | 14.72 |
| 9/13/2018 22:00 | 691200 | 150.517 | 21.13 | 347.538 | 582.315 | 628.788 | 0.309 | 427.576 | 1717.284 | 0.998 | 14.714 |
| 9/13/2018 22:15 | 692100 | 150.516 | 21.136 | 347.538 | 582.126 | 628.517 | 0.308 | 427.392 | 1717.842 | 0.998 | 14.712 |
| 9/13/2018 22:30 | 693000 | 150.476 | 21.137 | 347.444 | 581.826 | 628.179 | 0.308 | 427.162 | 1718.726 | 0.998 | 14.716 |
| 9/13/2018 22:45 | 693900 | 150.504 | 21.136 | 347.51 | 581.928 | 628.294 | 0.308 | 427.24 | 1718.424 | 0.998 | 14.717 |
| 9/13/2018 23:00 | 694800 | 150.521 | 21.134 | 347.547 | 582.11 | 628.316 | 0.308 | 427.391 | 1717.885 | 0.998 | 14.71 |
| 9/13/2018 23:15 | 695700 | 150.506 | 21.142 | 347.514 | 582.042 | 628.347 | 0.308 | 427.276 | 1718.089 | 0.998 | 14.712 |
| 9/13/2018 23:30 | 696600 | 150.504 | 21.124 | 347.51 | 582.234 | 628.78 | 0.309 | 427.57 | 1717.523 | 0.998 | 14.717 |
| 9/13/2018 23:45 | 697500 | 150.505 | 21.14 | 347.511 | 582.482 | 628.839 | 0.309 | 427.611 | 1716.792 | 0.998 | 14.714 |
| 9/14/2018 0:00 | 698400 | 150.508 | 21.136 | 347.518 | 582.027 | 628.402 | 0.308 | 427.313 | 1718.132 | 0.998 | 14.713 |
| 9/14/2018 0:15 | 699300 | 150.47 | 21.126 | 347.43 | 582.048 | 628.557 | 0.308 | 427.419 | 1718.072 | 0.998 | 14.716 |
| 9/14/2018 0:30 | 700200 | 150.505 | 21.132 | 347.511 | 582.316 | 628.724 | 0.309 | 427.522 | 1717.256 | 0.998 | 14.715 |
| 9/14/2018 0:45 | 701100 | 150.463 | 21.141 | 347.415 | 582.016 | 628.327 | 0.308 | 427.263 | 1718.165 | 0.998 | 14.723 |
| 9/14/2018 1:00 | 702000 | 150.461 | 21.134 | 347.409 | 581.977 | 628.375 | 0.308 | 427.295 | 1718.28 | 0.998 | 14.723 |
| 9/14/2018 1:15 | 702900 | 150.504 | 21.137 | 347.51 | 582.078 | 628.44 | 0.308 | 427.339 | 1717.984 | 0.998 | 14.717 |
| 9/14/2018 1:30 | 703800 | 150.501 | 21.138 | 347.501 | 581.588 | 627.902 | 0.308 | 426.974 | 1719.43 | 0.998 | 14.722 |
| 9/14/2018 1:45 | 704700 | 150.498 | 21.141 | 347.495 | 581.763 | 628.06 | 0.308 | 427.081 | 1718.914 | 0.998 | 14.721 |
| 9/14/2018 2:00 | 705600 | 150.514 | 21.142 | 347.511 | 581.847 | 628.137 | 0.309 | 427.133 | 1718.664 | 0.998 | 14.715 |
| 9/14/2018 2:15 | 706500 | 150.475 | 21.137 | 347.442 | 581.699 | 628.033 | 0.308 | 427.062 | 1719.101 | 0.998 | 14.721 |
| 9/14/2018 2:30 | 707400 | 150.51 | 21.142 | 347.522 | 581.861 | 628.153 | 0.308 | 427.144 | 1718.623 | 0.998 | 14.72 |
| 9/14/2018 2:45 | 708300 | 150.496 | 21.147 | 347.491 | 581.654 | 627.854 | 0.308 | 426.941 | 1719.236 | 0.998 | 14.724 |
| 9/14/2018 3:00 | 709200 | 150.517 | 21.142 | 347.539 | 581.922 | 628.221 | 0.308 | 427.19 | 1718.442 | 0.998 | 14.716 |
| 9/14/2018 3:15 | 710100 | 150.525 | 21.147 | 347.557 | 581.675 | 627.883 | 0.308 | 426.961 | 1719.173 | 0.998 | 14.717 |
| 9/14/2018 3:30 | 711000 | 150.487 | 21.12 | 347.47 | 582.017 | 628.507 | 0.309 | 427.452 | 1718.164 | 0.998 | 14.716 |
| 9/14/2018 3:45 | 711900 | 150.528 | 21.152 | 347.564 | 583.128 | 629.125 | 0.309 | 428.221 | 1714.89 | 0.998 | 14.71 |
| 9/14/2018 4:00 | 712800 | 150.525 | 21.141 | 347.558 | 582.692 | 629.056 | 0.309 | 427.758 | 1716.173 | 0.998 | 14.719 |
| 9/14/2018 4:15 | 713700 | 150.536 | 21.147 | 347.583 | | | | | | | |

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|-----------------|--------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/15/2018 12:30 | 829800 | 150.53 | 21.123 | 347.57 | 583.561 | 630.234 | 0.309 | 428.559 | 1713.616 | 0.998 | 14.721 |
| 9/15/2018 12:45 | 830700 | 150.525 | 21.126 | 347.556 | 583.833 | 630.486 | 0.309 | 428.73 | 1712.817 | 0.998 | 14.722 |
| 9/15/2018 13:00 | 831600 | 150.555 | 21.137 | 347.626 | 583.967 | 630.49 | 0.309 | 428.733 | 1712.425 | 0.998 | 14.723 |
| 9/15/2018 13:15 | 832500 | 150.569 | 21.134 | 347.659 | 583.305 | 629.813 | 0.309 | 428.273 | 1714.368 | 0.998 | 14.72 |
| 9/15/2018 13:30 | 833400 | 150.561 | 21.144 | 347.641 | 583.1 | 629.46 | 0.309 | 428.033 | 1714.972 | 0.998 | 14.72 |
| 9/15/2018 13:45 | 834300 | 150.567 | 21.142 | 347.666 | 583.11 | 629.502 | 0.309 | 428.061 | 1714.943 | 0.998 | 14.717 |
| 9/15/2018 14:00 | 835200 | 150.566 | 21.142 | 347.663 | 583.278 | 629.531 | 0.309 | 428.033 | 1716.13 | 0.998 | 14.723 |
| 9/15/2018 14:15 | 836100 | 150.587 | 21.126 | 347.701 | 583.687 | 630.325 | 0.309 | 428.621 | 1713.246 | 0.998 | 14.713 |
| 9/15/2018 14:30 | 837000 | 150.541 | 21.125 | 347.595 | 583.555 | 630.197 | 0.309 | 428.534 | 1713.634 | 0.998 | 14.715 |
| 9/15/2018 14:45 | 837900 | 150.55 | 21.135 | 347.614 | 583.641 | 630.164 | 0.309 | 428.512 | 1713.383 | 0.998 | 14.71 |
| 9/15/2018 15:00 | 838800 | 150.556 | 21.135 | 347.628 | 583.268 | 629.757 | 0.309 | 428.235 | 1714.479 | 0.998 | 14.711 |
| 9/15/2018 15:15 | 839700 | 150.588 | 21.139 | 347.703 | 583.034 | 629.447 | 0.309 | 428.024 | 1715.165 | 0.998 | 14.708 |
| 9/15/2018 15:30 | 840600 | 150.589 | 21.127 | 347.705 | 582.868 | 629.412 | 0.309 | 428.011 | 1715.853 | 0.998 | 14.711 |
| 9/15/2018 15:45 | 841500 | 150.599 | 21.129 | 347.728 | 583.322 | 629.891 | 0.309 | 428.326 | 1714.32 | 0.998 | 14.704 |
| 9/15/2018 16:00 | 842400 | 150.598 | 21.138 | 347.726 | 582.911 | 629.328 | 0.309 | 427.943 | 1715.526 | 0.998 | 14.704 |
| 9/15/2018 16:15 | 843300 | 150.596 | 21.139 | 347.72 | 582.76 | 629.153 | 0.309 | 427.824 | 1715.972 | 0.998 | 14.7 |
| 9/15/2018 16:30 | 844200 | 150.563 | 21.121 | 347.646 | 582.844 | 629.487 | 0.309 | 428.051 | 1715.725 | 0.998 | 14.693 |
| 9/15/2018 16:45 | 845100 | 150.571 | 21.123 | 347.664 | 583.473 | 630.132 | 0.309 | 428.49 | 1713.875 | 0.998 | 14.699 |
| 9/15/2018 17:00 | 846000 | 150.576 | 21.122 | 347.675 | 583.226 | 629.879 | 0.309 | 428.318 | 1715.995 | 0.998 | 14.699 |
| 9/15/2018 17:15 | 846900 | 150.571 | 21.126 | 347.664 | 583.522 | 630.149 | 0.309 | 428.502 | 1713.732 | 0.998 | 14.692 |
| 9/15/2018 17:30 | 847800 | 150.562 | 21.141 | 347.644 | 582.645 | 629.005 | 0.309 | 427.723 | 1716.312 | 0.998 | 14.694 |
| 9/15/2018 17:45 | 848700 | 150.608 | 21.134 | 347.75 | 582.187 | 628.6 | 0.308 | 427.448 | 1717.662 | 0.998 | 14.694 |
| 9/15/2018 18:00 | 849600 | 150.598 | 21.148 | 347.726 | 582.293 | 628.534 | 0.308 | 427.403 | 1717.35 | 0.998 | 14.697 |
| 9/15/2018 18:15 | 850500 | 150.571 | 21.135 | 347.663 | 582.248 | 628.656 | 0.309 | 427.486 | 1717.481 | 0.998 | 14.696 |
| 9/15/2018 18:30 | 851400 | 150.603 | 21.14 | 347.737 | 582.537 | 628.871 | 0.309 | 427.332 | 1716.828 | 0.998 | 14.693 |
| 9/15/2018 18:45 | 852300 | 150.608 | 21.135 | 347.749 | 582.308 | 628.726 | 0.309 | 427.534 | 1717.303 | 0.998 | 14.688 |
| 9/15/2018 19:00 | 853200 | 150.621 | 21.142 | 347.78 | 582.494 | 628.831 | 0.309 | 427.605 | 1716.755 | 0.998 | 14.685 |
| 9/15/2018 19:15 | 854100 | 150.615 | 21.131 | 347.765 | 582.621 | 629.107 | 0.309 | 427.793 | 1716.383 | 0.998 | 14.692 |
| 9/15/2018 19:30 | 855000 | 150.622 | 21.135 | 347.781 | 582.608 | 629.039 | 0.309 | 427.747 | 1716.419 | 0.998 | 14.687 |
| 9/15/2018 19:45 | 855900 | 150.609 | 21.128 | 347.753 | 582.617 | 629.146 | 0.309 | 427.82 | 1716.393 | 0.998 | 14.7 |
| 9/15/2018 20:00 | 856800 | 150.619 | 21.123 | 347.774 | 582.908 | 629.538 | 0.309 | 428.071 | 1715.936 | 0.998 | 14.701 |
| 9/15/2018 20:15 | 857700 | 150.604 | 21.142 | 347.739 | 582.788 | 629.154 | 0.309 | 427.825 | 1715.89 | 0.998 | 14.7 |
| 9/15/2018 20:30 | 858600 | 150.572 | 21.142 | 347.667 | 582.684 | 629.042 | 0.309 | 427.749 | 1716.197 | 0.998 | 14.698 |
| 9/15/2018 20:45 | 859500 | 150.614 | 21.133 | 347.763 | 582.789 | 629.266 | 0.309 | 427.901 | 1715.886 | 0.998 | 14.7 |
| 9/15/2018 21:00 | 860400 | 150.608 | 21.131 | 347.749 | 582.525 | 629.004 | 0.309 | 427.723 | 1716.664 | 0.998 | 14.706 |
| 9/15/2018 21:15 | 861300 | 150.559 | 21.132 | 347.635 | 582.739 | 629.22 | 0.309 | 427.87 | 1716.033 | 0.998 | 14.704 |
| 9/15/2018 21:30 | 862200 | 150.596 | 21.134 | 347.721 | 582.867 | 629.501 | 0.309 | 427.63 | 1716.941 | 0.998 | 14.708 |
| 9/15/2018 21:45 | 863100 | 150.562 | 21.12 | 347.642 | 582.58 | 629.209 | 0.309 | 427.862 | 1716.504 | 0.998 | 14.706 |
| 9/15/2018 22:00 | 864000 | 150.599 | 21.133 | 347.728 | 582.472 | 628.928 | 0.309 | 427.671 | 1716.82 | 0.998 | 14.701 |
| 9/15/2018 22:15 | 864900 | 150.556 | 21.123 | 347.63 | 583.027 | 629.656 | 0.309 | 428.166 | 1715.186 | 0.998 | 14.707 |
| 9/15/2018 22:30 | 865800 | 150.575 | 21.13 | 347.672 | 583.031 | 629.573 | 0.309 | 428.109 | 1715.175 | 0.998 | 14.712 |
| 9/15/2018 22:45 | 866700 | 150.584 | 21.14 | 347.693 | 583.523 | 629.971 | 0.309 | 428.38 | 1713.729 | 0.998 | 14.703 |
| 9/15/2018 23:00 | 867600 | 150.579 | 21.14 | 347.683 | 583.146 | 629.56 | 0.309 | 428.101 | 1714.837 | 0.998 | 14.707 |
| 9/15/2018 23:15 | 868500 | 150.556 | 21.142 | 347.629 | 583.106 | 629.497 | 0.309 | 428.058 | 1715.953 | 0.998 | 14.712 |
| 9/15/2018 23:30 | 869400 | 150.57 | 21.126 | 347.663 | 583.234 | 629.839 | 0.309 | 428.29 | 1714.576 | 0.998 | 14.711 |
| 9/15/2018 23:45 | 870300 | 150.536 | 21.116 | 347.583 | 583.459 | 630.205 | 0.309 | 428.54 | 1713.917 | 0.998 | 14.713 |
| 9/16/2018 0:00 | 871200 | 150.568 | 21.136 | 347.656 | 583.842 | 630.361 | 0.309 | 428.646 | 1712.791 | 0.998 | 14.713 |
| 9/16/2018 0:15 | 872100 | 150.562 | 21.133 | 347.644 | 583.605 | 630.143 | 0.309 | 428.498 | 1713.488 | 0.998 | 14.713 |
| 9/16/2018 0:30 | 873000 | 150.548 | 21.142 | 347.611 | 583.295 | 629.693 | 0.309 | 428.191 | 1714.397 | 0.998 | 14.712 |
| 9/16/2018 0:45 | 873900 | 150.551 | 21.131 | 347.617 | 583 | 629.515 | 0.309 | 428.07 | 1715.266 | 0.998 | 14.715 |
| 9/16/2018 1:00 | 874800 | 150.522 | 21.116 | 347.551 | 583.141 | 629.864 | 0.309 | 428.308 | 1714.851 | 0.998 | 14.712 |
| 9/16/2018 1:15 | 875700 | 150.513 | 21.114 | 347.529 | 584.302 | 631.147 | 0.31 | 429.18 | 1711.443 | 0.998 | 14.717 |
| 9/16/2018 1:30 | 876600 | 150.516 | 21.119 | 347.536 | 585.079 | 631.922 | 0.31 | 429.707 | 1709.17 | 0.998 | 14.708 |
| 9/16/2018 1:45 | 877500 | 150.543 | 21.133 | 347.599 | 584.501 | 631.11 | 0.31 | 429.155 | 1710.861 | 0.998 | 14.715 |
| 9/16/2018 2:00 | 878400 | 150.523 | 21.142 | 347.553 | 584.264 | 630.745 | 0.31 | 429.907 | 1711.555 | 0.998 | 14.717 |
| 9/16/2018 2:15 | 879300 | 150.491 | 21.136 | 347.48 | 583.651 | 630.154 | 0.309 | 428.504 | 1713.353 | 0.998 | 14.717 |
| 9/16/2018 2:30 | 880200 | 150.529 | 21.137 | 347.566 | 583.34 | 629.809 | 0.309 | 428.27 | 1714.265 | 0.998 | 14.717 |
| 9/16/2018 2:45 | 881100 | 150.498 | 21.132 | 347.496 | 583.278 | 629.813 | 0.309 | 428.273 | 1714.447 | 0.998 | 14.714 |
| 9/16/2018 3:00 | 882000 | 150.518 | 21.132 | 347.541 | 583.361 | 629.897 | 0.309 | 428.33 | 1714.204 | 0.998 | 14.718 |
| 9/16/2018 3:15 | 882900 | 150.494 | 21.13 | 347.487 | 583.474 | 630.044 | 0.309 | 428.43 | 1713.872 | 0.998 | 14.717 |
| 9/16/2018 3:30 | 883800 | 150.495 | 21.125 | 347.489 | 583.709 | 630.369 | 0.309 | 428.651 | 1713.183 | 0.998 | 14.717 |
| 9/16/2018 3:45 | 884700 | 150.488 | 21.136 | 347.471 | 583.817 | 630.598 | 0.309 | 428.739 | 1712.865 | 0.998 | 14.72 |
| 9/16/2018 4:00 | 885600 | 150.492 | 21.121 | 347.482 | 584.176 | 630.922 | 0.31 | 429.027 | 1711.814 | 0.998 | 14.712 |
| 9/16/2018 4:15 | 886500 | 150.52 | 21.138 | 347.547 | 583.917 | 630.414 | 0.309 | 428.682 | 1712.573 | 0.998 | 14.714 |
| 9/16/2018 4:30 | 887400 | 150.52 | 21.134 | 347.547 | 583.546 | 630.067 | 0.309 | 428.446 | 1713.662 | 0.998 | 14.716 |
| 9/16/2018 4:45 | 888300 | 150.522 | 21.124 | 347.55 | 583.782 | 630.45 | 0.309 | 428.706 | 1712.967 | 0.998 | 14.715 |
| 9/16/2018 5:00 | 889200 | 150.517 | 21.127 | 347.538 | 583.186 | 629.771 | 0.309 | 428.244 | 1714.719 | 0.998 | 14.716 |
| 9/16/2018 5:15 | 890100 | 150.515 | 21.126 | 347.54 | 583.76 | 630.316 | 0.309 | 428.612 | 1713.054 | 0.998 | 14.72 |
| 9/16/2018 5:30 | 891000 | 150.514 | 21.138 | 347.531 | 582.989 | 629.421 | 0.309 | 428.006 | 1715.297 | 0.998 | 14.716 |
| 9/16/2018 5:45 | 891900 | 150.475 | 21.14 | 347.441 | 583.142 | 629.558 | 0.309 | 428.1 | 1714.849 | 0.998 | 14.72 |
| 9/16/2018 6:00 | 892800 | 150.51 | 21.138 | 347.523 | 583.48 | 629.944 | 0.309 | 428.362 | 1713.854 | 0.998 | 14.726 |
| 9/16/2018 6:15 | 893700 | 150.518 | 21.133 | 347.541 | 583.635 | 630.175 | 0.309 | 428.519 | 1713.4 | 0.998 | 14.728 |
| 9/16/2018 6:30 | 894600 | 150.513 | 21.129 | 347.531 | 583.215 | 629.778 | 0.309 | 428.249 | 1714.633 | 0.998 | 14.724 |
| 9/16/2018 6:45 | 895500 | 150.485 | 21.137 | 347.465 | 583.136 | 629.866 | 0.309 | 428.318 | 1714.866 | 0.998 | 14.729 |
| 9/16/2018 7:00 | 896400 | 150.514 | 21.134 | 347.532 | 583.424 | 629.939 | 0.309 | 428.359 | 1714.019 | 0.998 | 14.726 |
| 9/16/2018 7:15 | 897300 | 150.527 | 21.124 | 347.563 | 583.185 | 629.813 | 0.309 | 428.273 | 1714.723 | 0.998 | 14.727 |
| 9/16/2018 7:30 | 898200 | 150.487 | 21.114 | 347.471 | 583.536 | 630.322 | 0.309 | 428.619 | 1713.689 | 0.998 | 14.729 |
| 9/16/2018 7:45 | 899100 | 150.479 | 21.131 | 347.451 | 583.511 | 630.074 | 0.309 | 428.45 | 1713.764 | 0.998 | 14.735 |
| 9/16/2018 8:00 | 900000 | 150.504 | 21.14 | 347.51 | 583.515 | 629.962 | 0.309 | 428.374 | 1713.751 | 0.998 | 14.737 |
| 9/16/2018 8:15 | 900900 | 150.517 | 21.135 | 347.539 | 582.905 | 629.905 | 0.309 | 427.995 | 1715.444 | 0.998 | 14.737 |
| 9/16/2018 8:30 | 901800 | 150.512 | 21.142 | 347.529 | 582.906 | 629.27 | 0.309 | 427.904 | 1715.544 | 0.998 | 14.732 |
| 9/16/2018 8:45 | 902700 | 150.476 | 21.126 | 347.444 | 582.833 | 629.407 | 0.309 | 427.997 | 1715.756 | 0.998 | 14.735 |
| 9/16/2018 9:00 | 903600 | 150.478 | 21.116 | 347.448 | 583.676 | 630.44 | | | | | |

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|-----------------|---------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/17/2018 17:15 | 1019700 | 150.665 | 21.132 | 347.88 | 583.862 | 630.432 | 0.309 | 428.694 | 1712.735 | 0.998 | 14.707 |
| 9/17/2018 17:30 | 1020600 | 150.66 | 21.139 | 347.87 | 583.939 | 630.429 | 0.309 | 428.691 | 1712.506 | 0.998 | 14.704 |
| 9/17/2018 17:45 | 1021500 | 150.688 | 21.137 | 347.935 | 583.762 | 630.262 | 0.309 | 428.578 | 1713.027 | 0.998 | 14.704 |
| 9/17/2018 18:00 | 1022400 | 150.675 | 21.131 | 347.905 | 584.004 | 630.608 | 0.31 | 428.813 | 1712.116 | 0.998 | 14.709 |
| 9/17/2018 18:15 | 1023300 | 150.676 | 21.122 | 347.907 | 583.827 | 630.534 | 0.309 | 428.763 | 1712.838 | 0.998 | 14.708 |
| 9/17/2018 18:30 | 1024200 | 150.716 | 21.144 | 347.998 | 583.88 | 630.301 | 0.309 | 428.604 | 1712.681 | 0.998 | 14.7 |
| 9/17/2018 18:45 | 1025100 | 150.716 | 21.142 | 347.999 | 583.39 | 630.239 | 0.309 | 428.23 | 1714.27 | 0.998 | 14.699 |
| 9/17/2018 19:00 | 1026000 | 150.731 | 21.134 | 348.033 | 583.016 | 629.499 | 0.309 | 428.059 | 1715.217 | 0.998 | 14.693 |
| 9/17/2018 19:15 | 1026900 | 150.725 | 21.125 | 348.019 | 582.958 | 629.555 | 0.309 | 428.097 | 1715.39 | 0.998 | 14.702 |
| 9/17/2018 19:30 | 1027800 | 150.731 | 21.135 | 348.033 | 582.538 | 628.976 | 0.309 | 427.704 | 1716.625 | 0.998 | 14.7 |
| 9/17/2018 19:45 | 1028700 | 150.738 | 21.121 | 348.048 | 583.591 | 630.284 | 0.309 | 428.593 | 1713.529 | 0.998 | 14.701 |
| 9/17/2018 20:00 | 1029600 | 150.738 | 21.128 | 348.049 | 583.361 | 629.946 | 0.309 | 428.363 | 1714.204 | 0.998 | 14.706 |
| 9/17/2018 20:15 | 1030500 | 150.731 | 21.133 | 348.034 | 582.987 | 630.177 | 0.309 | 428.044 | 1715.305 | 0.998 | 14.706 |
| 9/17/2018 20:30 | 1031400 | 150.748 | 21.137 | 348.072 | 583.071 | 629.514 | 0.309 | 428.07 | 1715.058 | 0.998 | 14.705 |
| 9/17/2018 20:45 | 1032300 | 150.747 | 21.135 | 348.07 | 583.072 | 629.539 | 0.309 | 428.087 | 1715.055 | 0.998 | 14.706 |
| 9/17/2018 21:00 | 1033200 | 150.7 | 21.131 | 347.962 | 582.986 | 629.504 | 0.309 | 428.063 | 1715.307 | 0.998 | 14.714 |
| 9/17/2018 21:15 | 1034100 | 150.734 | 21.122 | 348.039 | 582.868 | 629.49 | 0.309 | 428.053 | 1715.654 | 0.998 | 14.713 |
| 9/17/2018 21:30 | 1035000 | 150.744 | 21.145 | 348.063 | 582.611 | 628.922 | 0.309 | 427.667 | 1716.411 | 0.998 | 14.716 |
| 9/17/2018 21:45 | 1035900 | 150.704 | 21.14 | 347.992 | 582.409 | 629.157 | 0.309 | 427.557 | 1717.006 | 0.998 | 14.725 |
| 9/17/2018 22:00 | 1036800 | 150.737 | 21.137 | 348.048 | 582.475 | 628.869 | 0.309 | 427.631 | 1716.812 | 0.998 | 14.713 |
| 9/17/2018 22:15 | 1037700 | 150.747 | 21.132 | 348.07 | 583.033 | 629.546 | 0.309 | 428.092 | 1715.169 | 0.998 | 14.716 |
| 9/17/2018 22:30 | 1038600 | 150.695 | 21.127 | 347.951 | 582.774 | 629.326 | 0.309 | 427.941 | 1715.932 | 0.998 | 14.718 |
| 9/17/2018 22:45 | 1039500 | 150.741 | 21.135 | 348.057 | 582.615 | 629.049 | 0.309 | 427.754 | 1716.4 | 0.998 | 14.719 |
| 9/17/2018 23:00 | 1040400 | 150.736 | 21.138 | 348.046 | 582.982 | 629.404 | 0.309 | 427.994 | 1715.32 | 0.998 | 14.722 |
| 9/17/2018 23:15 | 1041300 | 150.732 | 21.137 | 347.965 | 582.671 | 629.157 | 0.309 | 427.827 | 1716.233 | 0.998 | 14.712 |
| 9/17/2018 23:30 | 1042200 | 150.731 | 21.125 | 348.032 | 583.205 | 629.823 | 0.309 | 428.28 | 1714.662 | 0.998 | 14.717 |
| 9/17/2018 23:45 | 1043100 | 150.735 | 21.14 | 348.043 | 583.031 | 629.441 | 0.309 | 428.02 | 1715.176 | 0.998 | 14.717 |
| 9/18/2018 0:00 | 1044000 | 150.729 | 21.141 | 348.03 | 582.85 | 629.224 | 0.309 | 427.873 | 1715.707 | 0.998 | 14.714 |
| 9/18/2018 0:15 | 1044900 | 150.728 | 21.128 | 348.025 | 583.235 | 629.81 | 0.309 | 428.27 | 1714.576 | 0.998 | 14.716 |
| 9/18/2018 0:30 | 1045800 | 150.736 | 21.132 | 348.045 | 582.903 | 629.409 | 0.309 | 427.998 | 1715.551 | 0.998 | 14.714 |
| 9/18/2018 0:45 | 1046700 | 150.721 | 21.124 | 348.011 | 582.905 | 629.588 | 0.309 | 428.066 | 1715.545 | 0.998 | 14.718 |
| 9/18/2018 1:00 | 1047600 | 150.723 | 21.143 | 348.014 | 582.891 | 629.248 | 0.309 | 427.889 | 1715.586 | 0.998 | 14.714 |
| 9/18/2018 1:15 | 1048500 | 150.681 | 21.136 | 347.918 | 582.149 | 628.531 | 0.308 | 427.401 | 1717.773 | 0.998 | 14.719 |
| 9/18/2018 1:30 | 1049400 | 150.717 | 21.14 | 348 | 582.612 | 628.989 | 0.309 | 427.713 | 1716.407 | 0.998 | 14.712 |
| 9/18/2018 1:45 | 1050300 | 150.674 | 21.121 | 347.903 | 582.837 | 629.468 | 0.309 | 428.038 | 1715.744 | 0.998 | 14.716 |
| 9/18/2018 2:00 | 1051200 | 150.673 | 21.127 | 347.9 | 582.955 | 629.519 | 0.309 | 428.073 | 1715.399 | 0.998 | 14.711 |
| 9/18/2018 2:15 | 1052100 | 150.673 | 21.12 | 347.9 | 582.989 | 629.416 | 0.309 | 427.867 | 1716.477 | 0.998 | 14.711 |
| 9/18/2018 2:30 | 1053000 | 150.697 | 21.136 | 347.956 | 582.814 | 629.248 | 0.309 | 427.889 | 1715.814 | 0.998 | 14.712 |
| 9/18/2018 2:45 | 1053900 | 150.685 | 21.131 | 347.928 | 582.905 | 629.419 | 0.309 | 428.005 | 1715.544 | 0.998 | 14.713 |
| 9/18/2018 3:00 | 1054800 | 150.641 | 21.124 | 347.825 | 583.497 | 630.142 | 0.309 | 428.497 | 1713.804 | 0.998 | 14.713 |
| 9/18/2018 3:15 | 1055700 | 150.632 | 21.128 | 347.804 | 583.284 | 629.866 | 0.309 | 428.309 | 1714.431 | 0.998 | 14.71 |
| 9/18/2018 3:30 | 1056600 | 150.6 | 21.137 | 347.731 | 583.396 | 629.873 | 0.309 | 428.313 | 1714.102 | 0.998 | 14.709 |
| 9/18/2018 3:45 | 1057500 | 150.58 | 21.123 | 347.685 | 583.641 | 630.317 | 0.309 | 428.616 | 1713.381 | 0.998 | 14.714 |
| 9/18/2018 4:00 | 1058400 | 150.566 | 21.137 | 347.629 | 584.285 | 631.12 | 0.31 | 429.611 | 1711.499 | 0.998 | 14.71 |
| 9/18/2018 4:15 | 1059300 | 150.593 | 21.123 | 347.715 | 584.075 | 630.781 | 0.31 | 429.931 | 1712.108 | 0.998 | 14.71 |
| 9/18/2018 4:30 | 1060200 | 150.528 | 21.138 | 347.565 | 583.513 | 629.988 | 0.309 | 428.392 | 1713.757 | 0.998 | 14.714 |
| 9/18/2018 4:45 | 1061100 | 150.527 | 21.118 | 347.561 | 583.318 | 630.035 | 0.309 | 428.424 | 1714.33 | 0.998 | 14.715 |
| 9/18/2018 5:00 | 1062000 | 150.514 | 21.13 | 347.532 | 583.38 | 629.94 | 0.309 | 428.359 | 1714.147 | 0.998 | 14.715 |
| 9/18/2018 5:15 | 1062900 | 150.543 | 21.136 | 347.599 | 583.256 | 629.729 | 0.309 | 428.216 | 1714.513 | 0.998 | 14.719 |
| 9/18/2018 5:30 | 1063800 | 150.5 | 21.126 | 347.5 | 583.149 | 629.742 | 0.309 | 428.225 | 1714.828 | 0.998 | 14.715 |
| 9/18/2018 5:45 | 1064700 | 150.511 | 21.138 | 347.525 | 583.141 | 629.576 | 0.309 | 428.112 | 1714.852 | 0.998 | 14.71 |
| 9/18/2018 6:00 | 1065600 | 150.525 | 21.127 | 347.557 | 583.873 | 630.521 | 0.309 | 428.754 | 1712.7 | 0.998 | 14.72 |
| 9/18/2018 6:15 | 1066500 | 150.505 | 21.124 | 347.512 | 583.58 | 630.237 | 0.309 | 428.561 | 1713.561 | 0.998 | 14.716 |
| 9/18/2018 6:30 | 1067400 | 150.52 | 21.142 | 347.547 | 584.356 | 630.846 | 0.31 | 428.975 | 1711.287 | 0.998 | 14.724 |
| 9/18/2018 6:45 | 1068300 | 150.526 | 21.144 | 347.561 | 584.049 | 630.484 | 0.309 | 428.729 | 1712.185 | 0.998 | 14.725 |
| 9/18/2018 7:00 | 1069200 | 150.529 | 21.142 | 347.566 | 583.703 | 630.137 | 0.309 | 428.493 | 1713.201 | 0.998 | 14.722 |
| 9/18/2018 7:15 | 1070100 | 150.538 | 21.132 | 347.587 | 583.571 | 630.12 | 0.309 | 428.481 | 1713.587 | 0.998 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 150.483 | 21.134 | 347.461 | 583.807 | 630.347 | 0.309 | 428.636 | 1712.895 | 0.998 | 14.725 |
| 9/18/2018 7:45 | 1071900 | 150.498 | 21.124 | 347.495 | 584.033 | 630.725 | 0.31 | 428.893 | 1712.233 | 0.998 | 14.723 |
| 9/18/2018 8:00 | 1072800 | 150.523 | 21.119 | 347.554 | 584.18 | 630.95 | 0.31 | 429.046 | 1711.8 | 0.998 | 14.724 |
| 9/18/2018 8:15 | 1073700 | 150.492 | 21.128 | 347.481 | 584.225 | 630.886 | 0.31 | 429.002 | 1711.67 | 0.998 | 14.726 |
| 9/18/2018 8:30 | 1074600 | 150.539 | 21.142 | 347.539 | 584.286 | 631.237 | 0.309 | 429.659 | 1711.49 | 0.998 | 14.723 |
| 9/18/2018 8:45 | 1075500 | 150.527 | 21.141 | 347.562 | 584.208 | 630.693 | 0.31 | 428.872 | 1711.719 | 0.998 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 150.497 | 21.136 | 347.492 | 583.641 | 630.146 | 0.309 | 428.499 | 1713.382 | 0.998 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 150.525 | 21.137 | 347.558 | 584.212 | 630.748 | 0.31 | 428.909 | 1711.707 | 0.998 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 150.507 | 21.129 | 347.516 | 584.473 | 631.139 | 0.31 | 429.174 | 1710.944 | 0.998 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 150.51 | 21.123 | 347.522 | 585.412 | 632.23 | 0.31 | 429.917 | 1708.199 | 0.998 | 14.731 |
| 9/18/2018 10:00 | 1080000 | 150.549 | 21.143 | 347.599 | 584.918 | 632.663 | 0.31 | 429.415 | 1709.556 | 0.998 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 150.501 | 21.145 | 347.503 | 584.396 | 630.843 | 0.31 | 429.973 | 1711.17 | 0.998 | 14.73 |
| 9/18/2018 10:30 | 1081800 | 150.539 | 21.143 | 347.59 | 583.958 | 630.395 | 0.309 | 428.668 | 1712.453 | 0.998 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 150.555 | 21.129 | 347.626 | 584.031 | 630.658 | 0.31 | 428.848 | 1712.239 | 0.998 | 14.726 |
| 9/18/2018 11:00 | 1083600 | 150.548 | 21.142 | 347.612 | 583.86 | 630.301 | 0.309 | 428.605 | 1712.739 | 0.998 | 14.728 |
| 9/18/2018 11:15 | 1084500 | 150.547 | 21.139 | 347.608 | 584.445 | 630.97 | 0.31 | 429.059 | 1711.026 | 0.998 | 14.728 |
| 9/18/2018 11:30 | 1085400 | 150.534 | 21.142 | 347.634 | 584.023 | 630.423 | 0.31 | 428.822 | 1712.029 | 0.998 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 150.555 | 21.133 | 347.627 | 584.205 | 630.794 | 0.31 | 428.94 | 1711.729 | 0.998 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 150.523 | 21.124 | 347.553 | 584.281 | 630.991 | 0.31 | 429.074 | 1711.505 | 0.998 | 14.727 |
| 9/18/2018 12:15 | 1088100 | 150.528 | 21.14 | 347.564 | 584.132 | 630.629 | 0.31 | 428.828 | 1711.943 | 0.998 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 150.556 | 21.129 | 347.63 | 584.361 | 631.021 | 0.31 | 429.094 | 1711.272 | 0.998 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 150.555 | 21.139 | 347.627 | 584.391 | 630.92 | 0.31 | 429.026 | 1711.182 | 0.998 | 14.723 |
| 9/18/2018 13:00 | 1090800 | 150.529 | 21.117 | 347.588 | 584.742 | 631.588 | 0.31 | 429.48 | 1710.156 | 0.998 | 14.721 |
| 9/18/2018 13:15 | 1091700 | 150.533 | 21.127 | 347.577 | 584.78 | 631.499 | 0.31 | 429.419 | 1710.044 | 0.998 | 14.717 |
| 9/18/2018 13:30 | 1092600 | 150.572 | 21.13 | 347.666 | 584.553 | 631.208 | 0.31 | 429.221 | 1710.71 | 0.998 | 14.713 |
| 9/18/2018 13:45 | 10935 | | | | | | | | | | |

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|-----------------|---------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/19/2018 22:00 | 1209600 | 150.003 | 21.14 | 346.351 | 584.986 | 631.546 | 0.31 | 429.451 | 1709.444 | 0.998 | 14.649 |
| 9/19/2018 22:15 | 1210500 | 150.018 | 21.138 | 346.387 | 584.368 | 630.91 | 0.31 | 429.019 | 1711.249 | 0.998 | 14.647 |
| 9/19/2018 22:30 | 1211400 | 150.013 | 21.118 | 346.376 | 584.765 | 631.6 | 0.31 | 429.488 | 1710.089 | 0.998 | 14.649 |
| 9/19/2018 22:45 | 1212300 | 149.978 | 21.125 | 346.295 | 585.059 | 631.819 | 0.31 | 429.637 | 1709.228 | 0.998 | 14.651 |
| 9/19/2018 23:00 | 1213200 | 150.015 | 21.127 | 346.381 | 585.016 | 631.755 | 0.31 | 429.594 | 1709.354 | 0.998 | 14.646 |
| 9/19/2018 23:15 | 1214100 | 150.004 | 21.148 | 346.355 | 584.289 | 630.687 | 0.31 | 428.867 | 1711.481 | 0.998 | 14.651 |
| 9/19/2018 23:30 | 1215000 | 149.982 | 21.138 | 346.305 | 584.275 | 631.566 | 0.31 | 429.586 | 1711.372 | 0.998 | 14.646 |
| 9/19/2018 23:45 | 1215900 | 150.013 | 21.126 | 346.375 | 584.835 | 631.573 | 0.31 | 429.47 | 1709.884 | 0.998 | 14.648 |
| 9/20/2018 0:00 | 1216800 | 149.984 | 21.125 | 346.309 | 584.694 | 631.431 | 0.31 | 429.373 | 1710.296 | 0.998 | 14.649 |
| 9/20/2018 0:15 | 1217700 | 149.978 | 21.123 | 346.294 | 585.097 | 631.895 | 0.31 | 429.689 | 1709.117 | 0.998 | 14.644 |
| 9/20/2018 0:30 | 1218600 | 150.016 | 21.136 | 346.383 | 584.999 | 631.609 | 0.31 | 429.494 | 1709.404 | 0.998 | 14.642 |
| 9/20/2018 0:45 | 1219500 | 150.008 | 21.142 | 346.364 | 584.462 | 630.951 | 0.31 | 429.047 | 1710.975 | 0.998 | 14.644 |
| 9/20/2018 1:00 | 1220400 | 150.007 | 21.126 | 346.361 | 584.76 | 631.556 | 0.31 | 429.118 | 1710.337 | 0.998 | 14.642 |
| 9/20/2018 1:15 | 1221300 | 150.026 | 21.118 | 346.405 | 584.788 | 631.627 | 0.31 | 429.506 | 1710.02 | 0.998 | 14.64 |
| 9/20/2018 1:30 | 1222200 | 150.008 | 21.134 | 346.363 | 584.958 | 631.598 | 0.31 | 429.487 | 1709.524 | 0.998 | 14.637 |
| 9/20/2018 1:45 | 1223100 | 150.018 | 21.127 | 346.387 | 585.014 | 631.751 | 0.31 | 429.591 | 1709.362 | 0.998 | 14.64 |
| 9/20/2018 2:00 | 1224000 | 149.961 | 21.124 | 346.255 | 585.025 | 631.8 | 0.31 | 429.624 | 1709.328 | 0.998 | 14.644 |
| 9/20/2018 2:15 | 1224900 | 149.961 | 21.117 | 346.256 | 585.76 | 632.686 | 0.311 | 430.226 | 1707.185 | 0.998 | 14.647 |
| 9/20/2018 2:30 | 1225800 | 149.962 | 21.127 | 346.257 | 585.44 | 632.272 | 0.31 | 429.945 | 1708.116 | 0.998 | 14.645 |
| 9/20/2018 2:45 | 1226700 | 149.996 | 21.14 | 346.337 | 584.854 | 631.405 | 0.31 | 429.355 | 1709.828 | 0.998 | 14.645 |
| 9/20/2018 3:00 | 1227600 | 149.97 | 21.115 | 346.275 | 585.038 | 631.933 | 0.31 | 429.715 | 1709.292 | 0.998 | 14.634 |
| 9/20/2018 3:15 | 1228500 | 149.986 | 21.124 | 346.313 | 585.105 | 631.886 | 0.31 | 429.683 | 1709.095 | 0.998 | 14.641 |
| 9/20/2018 3:30 | 1229400 | 149.948 | 21.131 | 346.226 | 584.972 | 631.654 | 0.31 | 429.524 | 1709.484 | 0.998 | 14.645 |
| 9/20/2018 3:45 | 1230300 | 149.99 | 21.13 | 346.323 | 584.748 | 631.419 | 0.31 | 429.365 | 1710.138 | 0.998 | 14.64 |
| 9/20/2018 4:00 | 1231200 | 149.983 | 21.136 | 346.307 | 584.709 | 631.296 | 0.31 | 429.261 | 1710.251 | 0.998 | 14.638 |
| 9/20/2018 4:15 | 1232100 | 149.946 | 21.137 | 346.22 | 584.58 | 631.148 | 0.31 | 429.181 | 1710.629 | 0.998 | 14.635 |
| 9/20/2018 4:30 | 1233000 | 149.953 | 21.115 | 346.236 | 584.768 | 631.634 | 0.31 | 429.511 | 1710.079 | 0.998 | 14.641 |
| 9/20/2018 4:45 | 1233900 | 149.977 | 21.135 | 346.292 | 584.822 | 631.439 | 0.31 | 429.378 | 1709.921 | 0.998 | 14.64 |
| 9/20/2018 5:00 | 1234800 | 149.969 | 21.136 | 346.274 | 584.777 | 631.371 | 0.31 | 429.332 | 1710.053 | 0.998 | 14.638 |
| 9/20/2018 5:15 | 1235700 | 149.948 | 21.124 | 346.225 | 584.628 | 631.366 | 0.31 | 429.329 | 1710.489 | 0.998 | 14.638 |
| 9/20/2018 5:30 | 1236600 | 149.925 | 21.129 | 346.171 | 585.012 | 631.719 | 0.31 | 429.369 | 1709.367 | 0.998 | 14.64 |
| 9/20/2018 5:45 | 1237500 | 149.917 | 21.131 | 346.154 | 584.579 | 631.221 | 0.31 | 429.23 | 1710.634 | 0.998 | 14.646 |
| 9/20/2018 6:00 | 1238400 | 149.919 | 21.118 | 346.158 | 584.751 | 631.586 | 0.31 | 429.478 | 1710.131 | 0.998 | 14.643 |
| 9/20/2018 6:15 | 1239300 | 149.937 | 21.13 | 346.199 | 584.813 | 631.494 | 0.31 | 429.416 | 1709.947 | 0.998 | 14.65 |
| 9/20/2018 6:30 | 1240200 | 149.942 | 21.126 | 346.212 | 585.153 | 631.917 | 0.31 | 429.703 | 1708.954 | 0.998 | 14.642 |
| 9/20/2018 6:45 | 1241100 | 149.916 | 21.138 | 346.151 | 585.359 | 631.976 | 0.31 | 429.743 | 1708.355 | 0.998 | 14.647 |
| 9/20/2018 7:00 | 1242000 | 149.904 | 21.124 | 346.124 | 585.26 | 632.048 | 0.31 | 429.641 | 1708.641 | 0.998 | 14.653 |
| 9/20/2018 7:15 | 1242900 | 149.872 | 21.122 | 346.051 | 585.125 | 632.026 | 0.31 | 429.778 | 1708.772 | 0.998 | 14.652 |
| 9/20/2018 7:30 | 1243800 | 149.906 | 21.133 | 346.128 | 585.196 | 631.867 | 0.31 | 429.67 | 1708.83 | 0.998 | 14.655 |
| 9/20/2018 7:45 | 1244700 | 149.859 | 21.128 | 346.021 | 585.465 | 632.221 | 0.31 | 429.91 | 1708.045 | 0.998 | 14.661 |
| 9/20/2018 8:00 | 1245600 | 149.858 | 21.131 | 346.018 | 585.32 | 632.03 | 0.31 | 429.78 | 1708.466 | 0.998 | 14.661 |
| 9/20/2018 8:15 | 1246500 | 149.85 | 21.135 | 345.999 | 585.088 | 631.725 | 0.31 | 429.573 | 1709.146 | 0.998 | 14.663 |
| 9/20/2018 8:30 | 1247400 | 149.879 | 21.118 | 346.065 | 585.403 | 632.287 | 0.31 | 429.955 | 1708.225 | 0.998 | 14.662 |
| 9/20/2018 8:45 | 1248300 | 149.892 | 21.128 | 346.095 | 585.628 | 632.404 | 0.31 | 430.004 | 1707.556 | 0.998 | 14.665 |
| 9/20/2018 9:00 | 1249200 | 149.896 | 21.13 | 346.105 | 585.355 | 632.077 | 0.31 | 429.813 | 1708.366 | 0.998 | 14.665 |
| 9/20/2018 9:15 | 1250100 | 149.892 | 21.125 | 346.095 | 585.502 | 632.302 | 0.31 | 429.965 | 1707.935 | 0.998 | 14.666 |
| 9/20/2018 9:30 | 1251000 | 149.878 | 21.119 | 346.064 | 586.429 | 633.38 | 0.311 | 430.698 | 1705.238 | 0.998 | 14.664 |
| 9/20/2018 9:45 | 1251900 | 149.876 | 21.114 | 346.059 | 586.475 | 633.49 | 0.311 | 430.773 | 1705.103 | 0.998 | 14.666 |
| 9/20/2018 10:00 | 1252800 | 149.87 | 21.134 | 346.046 | 585.921 | 632.639 | 0.311 | 430.194 | 1706.714 | 0.998 | 14.667 |
| 9/20/2018 10:15 | 1253700 | 149.875 | 21.113 | 346.075 | 585.716 | 632.692 | 0.311 | 430.231 | 1707.312 | 0.998 | 14.668 |
| 9/20/2018 10:30 | 1254600 | 149.861 | 21.134 | 346.024 | 585.696 | 632.397 | 0.31 | 430.03 | 1707.371 | 0.998 | 14.668 |
| 9/20/2018 10:45 | 1255500 | 149.902 | 21.121 | 346.12 | 585.841 | 632.715 | 0.311 | 430.246 | 1706.948 | 0.998 | 14.671 |
| 9/20/2018 11:00 | 1256400 | 149.904 | 21.123 | 346.123 | 586.466 | 633.363 | 0.311 | 430.687 | 1705.129 | 0.998 | 14.669 |
| 9/20/2018 11:15 | 1257300 | 149.876 | 21.121 | 346.06 | 586.111 | 633.011 | 0.311 | 430.447 | 1706.161 | 0.998 | 14.671 |
| 9/20/2018 11:30 | 1258200 | 149.915 | 21.133 | 346.148 | 585.916 | 632.643 | 0.311 | 430.197 | 1706.73 | 0.998 | 14.662 |
| 9/20/2018 11:45 | 1259100 | 149.915 | 21.126 | 346.148 | 585.1 | 632.925 | 0.31 | 430.389 | 1706.194 | 0.998 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 149.886 | 21.118 | 346.082 | 586.746 | 633.731 | 0.311 | 430.937 | 1704.315 | 0.998 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 149.922 | 21.144 | 346.164 | 585.777 | 632.351 | 0.31 | 429.999 | 1707.134 | 0.998 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 149.918 | 21.132 | 346.156 | 585.105 | 631.773 | 0.31 | 429.606 | 1709.096 | 0.998 | 14.669 |
| 9/20/2018 12:45 | 1262700 | 149.93 | 21.132 | 346.183 | 585.376 | 632.076 | 0.31 | 429.812 | 1708.305 | 0.998 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 149.904 | 21.127 | 346.125 | 584.951 | 631.677 | 0.31 | 429.541 | 1709.546 | 0.998 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 149.931 | 21.127 | 346.186 | 585.441 | 632.088 | 0.31 | 429.655 | 1708.699 | 0.998 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 149.944 | 21.119 | 346.216 | 585.042 | 631.881 | 0.31 | 429.679 | 1709.279 | 0.998 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 149.956 | 21.119 | 346.244 | 585.707 | 632.602 | 0.311 | 430.169 | 1707.338 | 0.998 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 149.912 | 21.138 | 346.142 | 584.864 | 631.447 | 0.31 | 429.384 | 1709.8 | 0.998 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 149.929 | 21.123 | 346.181 | 584.98 | 631.758 | 0.31 | 429.596 | 1709.459 | 0.998 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 149.932 | 21.131 | 346.189 | 584.826 | 631.486 | 0.31 | 429.41 | 1709.911 | 0.998 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 149.944 | 21.142 | 346.216 | 584.874 | 631.421 | 0.31 | 429.364 | 1709.77 | 0.998 | 14.658 |
| 9/20/2018 15:00 | 1270800 | 149.965 | 21.138 | 346.264 | 584.59 | 631.146 | 0.31 | 429.18 | 1710.602 | 0.998 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 149.976 | 21.143 | 346.289 | 584.477 | 630.962 | 0.31 | 429.054 | 1710.933 | 0.998 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 149.935 | 21.138 | 346.196 | 584.52 | 631.073 | 0.31 | 429.13 | 1710.806 | 0.998 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 149.944 | 21.118 | 346.216 | 584.905 | 631.749 | 0.31 | 429.589 | 1709.679 | 0.998 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 149.983 | 21.125 | 346.306 | 584.492 | 631.207 | 0.31 | 429.221 | 1710.887 | 0.998 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 149.948 | 21.125 | 346.225 | 585.964 | 631.937 | 0.31 | 430.077 | 1709.316 | 0.998 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 149.942 | 21.135 | 346.21 | 585.808 | 632.499 | 0.31 | 430.099 | 1707.043 | 0.998 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 149.97 | 21.118 | 346.277 | 585.822 | 632.742 | 0.311 | 430.265 | 1707.002 | 0.998 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 149.966 | 21.13 | 346.266 | 585.231 | 631.937 | 0.31 | 429.717 | 1708.728 | 0.998 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 149.969 | 21.133 | 346.275 | 585.184 | 631.856 | 0.31 | 429.662 | 1708.865 | 0.998 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 150.003 | 21.135 | 346.352 | 584.442 | 631.028 | 0.31 | 429.099 | 1711.035 | 0.998 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 149.974 | 21.118 | 346.286 | 585.253 | 632.125 | 0.31 | 429.845 | 1708.662 | 0.998 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 149.98 | 21.123 | 346.298 | 584.956 | 631.736 | 0.31 | 429.581 | 1709.513 | 0.998 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 150.001 | 21.129 | 346.349 | 585.318 | 632.047 | 0.31 | 429.792 | 1708.473 | 0.998 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 150.027 | 2 | | | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/22/2018 2:45 | 1399500 | 150.068 | 21.12 | 346.503 | 584.575 | 631.359 | 0.31 | 429.324 | 1710.645 | 0.998 | 14.726 |
| 9/22/2018 3:00 | 1400400 | 150.056 | 21.118 | 346.475 | 584.769 | 631.597 | 0.31 | 429.486 | 1710.078 | 0.998 | 14.717 |
| 9/22/2018 3:15 | 1401300 | 150.081 | 21.142 | 346.533 | 584.514 | 631.019 | 0.31 | 429.093 | 1710.822 | 0.998 | 14.72 |
| 9/22/2018 3:30 | 1402200 | 150.103 | 21.131 | 346.584 | 583.851 | 630.438 | 0.309 | 428.698 | 1712.766 | 0.998 | 14.713 |
| 9/22/2018 3:45 | 1403100 | 150.096 | 21.13 | 346.566 | 584.013 | 630.628 | 0.31 | 428.827 | 1712.289 | 0.998 | 14.719 |
| 9/22/2018 4:00 | 1404000 | 150.096 | 21.126 | 346.566 | 584.286 | 630.969 | 0.31 | 429.059 | 1711.49 | 0.998 | 14.715 |
| 9/22/2018 4:15 | 1404900 | 150.055 | 21.122 | 346.584 | 584.866 | 631.122 | 0.31 | 429.163 | 1710.904 | 0.998 | 14.719 |
| 9/22/2018 4:30 | 1405800 | 150.107 | 21.135 | 346.592 | 584.301 | 630.871 | 0.31 | 428.992 | 1711.447 | 0.998 | 14.708 |
| 9/22/2018 4:45 | 1406700 | 150.057 | 21.122 | 346.477 | 584.193 | 630.923 | 0.31 | 429.028 | 1711.762 | 0.998 | 14.723 |
| 9/22/2018 5:00 | 1407600 | 150.06 | 21.121 | 346.484 | 585.419 | 632.26 | 0.31 | 429.937 | 1708.177 | 0.998 | 14.718 |
| 9/22/2018 5:15 | 1408500 | 150.053 | 21.137 | 346.467 | 584.003 | 630.531 | 0.309 | 428.761 | 1712.32 | 0.998 | 14.721 |
| 9/22/2018 5:30 | 1409400 | 150.094 | 21.142 | 346.563 | 583.842 | 630.29 | 0.309 | 428.597 | 1712.793 | 0.998 | 14.716 |
| 9/22/2018 5:45 | 1410300 | 150.091 | 21.136 | 346.555 | 583.447 | 630.388 | 0.309 | 428.558 | 1713.951 | 0.998 | 14.715 |
| 9/22/2018 6:00 | 1411200 | 150.095 | 21.133 | 346.564 | 583.527 | 630.057 | 0.309 | 428.439 | 1713.718 | 0.998 | 14.715 |
| 9/22/2018 6:15 | 1412100 | 150.061 | 21.129 | 346.485 | 583.755 | 630.366 | 0.309 | 428.649 | 1713.048 | 0.998 | 14.717 |
| 9/22/2018 6:30 | 1413000 | 150.091 | 21.145 | 346.556 | 583.437 | 629.805 | 0.309 | 428.267 | 1713.981 | 0.998 | 14.72 |
| 9/22/2018 6:45 | 1413900 | 150.053 | 21.132 | 346.469 | 583.614 | 630.172 | 0.309 | 428.517 | 1713.46 | 0.998 | 14.721 |
| 9/22/2018 7:00 | 1414800 | 150.099 | 21.117 | 346.573 | 584.009 | 630.788 | 0.31 | 428.936 | 1712.302 | 0.998 | 14.72 |
| 9/22/2018 7:15 | 1415700 | 150.089 | 21.147 | 346.553 | 583.635 | 630.413 | 0.309 | 428.661 | 1712.423 | 0.998 | 14.717 |
| 9/22/2018 7:30 | 1416600 | 150.095 | 21.133 | 346.566 | 583.763 | 630.323 | 0.309 | 428.62 | 1713.025 | 0.998 | 14.726 |
| 9/22/2018 7:45 | 1417500 | 150.09 | 21.135 | 346.553 | 583.502 | 630.014 | 0.309 | 428.409 | 1713.792 | 0.998 | 14.722 |
| 9/22/2018 8:00 | 1418400 | 150.064 | 21.115 | 346.492 | 583.996 | 630.809 | 0.31 | 428.95 | 1712.341 | 0.998 | 14.721 |
| 9/22/2018 8:15 | 1419300 | 150.046 | 21.126 | 346.451 | 584.237 | 630.925 | 0.31 | 429.029 | 1711.634 | 0.998 | 14.733 |
| 9/22/2018 8:30 | 1420200 | 150.073 | 21.119 | 346.514 | 584.141 | 630.908 | 0.31 | 429.018 | 1711.917 | 0.998 | 14.722 |
| 9/22/2018 8:45 | 1421100 | 150.086 | 21.111 | 346.498 | 585.283 | 632.243 | 0.31 | 429.925 | 1708.575 | 0.998 | 14.725 |
| 9/22/2018 9:00 | 1422000 | 150.075 | 21.118 | 346.518 | 585.281 | 632.148 | 0.31 | 429.861 | 1708.581 | 0.998 | 14.726 |
| 9/22/2018 9:15 | 1422900 | 150.07 | 21.132 | 346.507 | 584.748 | 631.389 | 0.31 | 429.345 | 1710.139 | 0.998 | 14.728 |
| 9/22/2018 9:30 | 1423800 | 150.103 | 21.135 | 346.584 | 584.777 | 631.389 | 0.31 | 429.344 | 1710.053 | 0.998 | 14.732 |
| 9/22/2018 9:45 | 1424700 | 150.072 | 21.123 | 346.511 | 584.419 | 631.157 | 0.31 | 429.187 | 1711.1 | 0.998 | 14.73 |
| 9/22/2018 10:00 | 1425600 | 150.103 | 21.14 | 346.584 | 584.25 | 630.752 | 0.31 | 428.911 | 1711.595 | 0.998 | 14.735 |
| 9/22/2018 10:15 | 1426500 | 150.107 | 21.139 | 346.593 | 584.029 | 630.533 | 0.309 | 428.762 | 1712.243 | 0.998 | 14.736 |
| 9/22/2018 10:30 | 1427400 | 150.074 | 21.134 | 346.515 | 584.352 | 630.946 | 0.31 | 429.043 | 1711.297 | 0.998 | 14.732 |
| 9/22/2018 10:45 | 1428300 | 150.098 | 21.137 | 346.571 | 584.273 | 630.821 | 0.31 | 428.958 | 1711.53 | 0.998 | 14.737 |
| 9/22/2018 11:00 | 1429200 | 150.116 | 21.135 | 346.614 | 583.98 | 630.532 | 0.309 | 428.762 | 1712.389 | 0.998 | 14.732 |
| 9/22/2018 11:15 | 1430100 | 150.119 | 21.117 | 346.62 | 584.375 | 631.183 | 0.31 | 429.204 | 1711.231 | 0.998 | 14.733 |
| 9/22/2018 11:30 | 1431000 | 150.088 | 21.119 | 346.549 | 584.871 | 631.698 | 0.31 | 429.554 | 1709.778 | 0.998 | 14.731 |
| 9/22/2018 11:45 | 1431900 | 150.093 | 21.12 | 346.56 | 584.56 | 631.624 | 0.31 | 429.524 | 1709.849 | 0.998 | 14.733 |
| 9/22/2018 12:00 | 1432800 | 150.081 | 21.135 | 346.523 | 584.465 | 631.055 | 0.31 | 429.118 | 1710.966 | 0.998 | 14.732 |
| 9/22/2018 12:15 | 1433700 | 150.071 | 21.143 | 346.508 | 584.021 | 630.465 | 0.309 | 428.716 | 1712.267 | 0.998 | 14.731 |
| 9/22/2018 12:30 | 1434600 | 150.084 | 21.138 | 346.54 | 583.903 | 630.4 | 0.309 | 428.672 | 1712.612 | 0.998 | 14.734 |
| 9/22/2018 12:45 | 1435500 | 150.109 | 21.128 | 346.597 | 584.72 | 631.414 | 0.31 | 429.361 | 1710.221 | 0.998 | 14.733 |
| 9/22/2018 13:00 | 1436400 | 150.126 | 21.138 | 346.636 | 584.406 | 630.953 | 0.31 | 429.048 | 1711.14 | 0.998 | 14.722 |
| 9/22/2018 13:15 | 1437300 | 150.12 | 21.141 | 346.622 | 584.377 | 630.879 | 0.31 | 428.998 | 1711.224 | 0.998 | 14.73 |
| 9/22/2018 13:30 | 1438200 | 150.097 | 21.12 | 346.568 | 584.49 | 632.125 | 0.31 | 429.213 | 1711.012 | 0.998 | 14.726 |
| 9/22/2018 13:45 | 1439100 | 150.108 | 21.126 | 346.594 | 584.65 | 631.373 | 0.31 | 429.333 | 1710.424 | 0.998 | 14.721 |
| 9/22/2018 14:00 | 1440000 | 150.109 | 21.13 | 346.596 | 584.205 | 630.839 | 0.31 | 428.971 | 1711.728 | 0.998 | 14.721 |
| 9/22/2018 14:15 | 1440900 | 150.105 | 21.132 | 346.587 | 584.363 | 630.976 | 0.31 | 429.064 | 1711.264 | 0.998 | 14.717 |
| 9/22/2018 14:30 | 1441800 | 150.134 | 21.144 | 346.654 | 584.389 | 630.851 | 0.31 | 428.979 | 1711.189 | 0.998 | 14.716 |
| 9/22/2018 14:45 | 1442700 | 150.148 | 21.14 | 346.687 | 584.018 | 630.507 | 0.309 | 428.745 | 1712.276 | 0.998 | 14.715 |
| 9/22/2018 15:00 | 1443600 | 150.145 | 21.134 | 346.68 | 584.581 | 631.19 | 0.31 | 429.21 | 1710.627 | 0.998 | 14.714 |
| 9/22/2018 15:15 | 1444500 | 150.117 | 21.131 | 346.616 | 584.596 | 631.247 | 0.31 | 429.248 | 1710.582 | 0.998 | 14.713 |
| 9/22/2018 15:30 | 1445400 | 150.151 | 21.141 | 346.693 | 584.477 | 630.989 | 0.31 | 429.073 | 1710.933 | 0.998 | 14.712 |
| 9/22/2018 15:45 | 1446300 | 150.126 | 21.119 | 346.637 | 584.646 | 631.457 | 0.31 | 429.391 | 1710.438 | 0.998 | 14.711 |
| 9/22/2018 16:00 | 1447200 | 150.16 | 21.114 | 346.716 | 585.25 | 632.173 | 0.31 | 429.878 | 1708.67 | 0.998 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 150.127 | 21.112 | 346.638 | 585.543 | 632.518 | 0.31 | 430.112 | 1707.817 | 0.998 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 150.127 | 21.117 | 346.638 | 585.021 | 633.157 | 0.31 | 430.547 | 1705.9 | 0.998 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 150.117 | 21.129 | 346.616 | 585 | 631.708 | 0.31 | 429.562 | 1709.401 | 0.998 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 150.17 | 21.124 | 346.739 | 585.075 | 631.856 | 0.31 | 429.662 | 1709.184 | 0.998 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 150.145 | 21.121 | 346.68 | 585.319 | 632.151 | 0.31 | 429.863 | 1708.471 | 0.998 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 150.14 | 21.12 | 346.67 | 585.221 | 632.062 | 0.31 | 429.802 | 1708.566 | 0.998 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 150.171 | 21.127 | 346.741 | 584.989 | 631.725 | 0.31 | 429.573 | 1709.435 | 0.998 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 150.178 | 21.125 | 346.757 | 585.21 | 632.115 | 0.31 | 429.615 | 1709.75 | 0.998 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 150.136 | 21.138 | 346.659 | 585.537 | 632.165 | 0.31 | 429.872 | 1707.835 | 0.998 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 150.179 | 21.131 | 346.759 | 585.322 | 632.023 | 0.31 | 429.775 | 1708.462 | 0.998 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 150.197 | 21.129 | 346.8 | 585.49 | 632.232 | 0.31 | 429.918 | 1707.972 | 0.998 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 150.15 | 21.118 | 346.692 | 585.843 | 632.756 | 0.31 | 430.274 | 1706.941 | 0.998 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 150.144 | 21.111 | 346.678 | 585.693 | 632.707 | 0.31 | 430.241 | 1707.38 | 0.998 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 150.148 | 21.117 | 346.687 | 585.865 | 633.157 | 0.31 | 430.227 | 1707.477 | 0.998 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 150.16 | 21.127 | 346.715 | 585.919 | 632.726 | 0.31 | 430.254 | 1706.722 | 0.998 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 150.144 | 21.13 | 346.677 | 585.61 | 632.352 | 0.31 | 429.999 | 1707.622 | 0.998 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 150.16 | 21.134 | 346.715 | 585.081 | 631.724 | 0.31 | 429.572 | 1709.166 | 0.998 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 150.163 | 21.122 | 346.722 | 584.647 | 631.422 | 0.31 | 429.367 | 1710.433 | 0.998 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 150.203 | 21.121 | 346.813 | 585.52 | 632.373 | 0.31 | 430.014 | 1707.884 | 0.998 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 150.209 | 21.117 | 346.809 | 585.024 | 631.689 | 0.31 | 429.549 | 1709.332 | 0.998 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 150.173 | 21.116 | 346.746 | 584.641 | 631.49 | 0.31 | 429.413 | 1710.451 | 0.998 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 150.205 | 21.114 | 346.819 | 585.015 | 631.918 | 0.31 | 429.705 | 1709.357 | 0.998 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 150.174 | 21.131 | 346.748 | 584.919 | 631.597 | 0.31 | 429.486 | 1709.637 | 0.998 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 150.21 | 21.143 | 346.831 | 584.543 | 631.035 | 0.31 | 429.103 | 1710.738 | 0.998 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 150.216 | 21.135 | 346.843 | 584.507 | 631.098 | 0.31 | 429.147 | 1710.844 | 0.998 | 14.698 |
| 9/22/2018 22:30 | 1470600 | 150.212 | 21.123 | 346.835 | 584.796 | 631.56 | 0.31 | 429.461 | 1709.998 | 0.998 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 150.226 | 21.125 | 346.867 | 584.405 | 631.063 | 0.31 | 429.123 | 1711.143 | 0.998 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 150.195 | 21.122 | 346.796 | 584.719 | 631.489 | 0.31 | 429.412 | 1710.224 | 0.998 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 150.204 | 2 | | | | | | | | |

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|-----------------|---------|--------|-------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/24/2018 7:30 | 1589400 | 150156 | 21136 | 346.705 | 584.942 | 631.55 | 0.31 | 429.454 | 1709.57 | 0.998 | 14.668 |
| 9/24/2018 7:45 | 1590300 | 150115 | 21142 | 346.611 | 584.454 | 630.947 | 0.31 | 429.044 | 1710.998 | 0.998 | 14.667 |
| 9/24/2018 8:00 | 1591200 | 150154 | 21127 | 346.701 | 584.322 | 631.003 | 0.31 | 429.082 | 1711.385 | 0.998 | 14.675 |
| 9/24/2018 8:15 | 1592100 | 150112 | 21134 | 346.622 | 584.57 | 631.178 | 0.31 | 429.201 | 1710.661 | 0.998 | 14.677 |
| 9/24/2018 8:30 | 1593000 | 150134 | 21132 | 346.656 | 584.424 | 631.039 | 0.31 | 429.106 | 1711.086 | 0.998 | 14.671 |
| 9/24/2018 8:45 | 1593900 | 150144 | 21119 | 346.679 | 584.57 | 631.367 | 0.31 | 429.33 | 1710.659 | 0.998 | 14.664 |
| 9/24/2018 9:00 | 1594800 | 150168 | 21125 | 346.733 | 585.115 | 631.688 | 0.31 | 429.666 | 1709.666 | 0.998 | 14.676 |
| 9/24/2018 9:15 | 1595700 | 150174 | 21136 | 346.748 | 584.914 | 631.52 | 0.31 | 429.433 | 1709.652 | 0.998 | 14.675 |
| 9/24/2018 9:30 | 1596600 | 150139 | 21112 | 346.666 | 585.164 | 632.001 | 0.31 | 429.761 | 1708.924 | 0.998 | 14.675 |
| 9/24/2018 9:45 | 1597500 | 150185 | 21129 | 346.772 | 585.378 | 632.112 | 0.31 | 429.836 | 1708.299 | 0.998 | 14.681 |
| 9/24/2018 10:00 | 1598400 | 150118 | 21132 | 346.761 | 585.768 | 632.502 | 0.31 | 430.102 | 1707.16 | 0.998 | 14.682 |
| 9/24/2018 10:15 | 1599300 | 150159 | 21129 | 346.711 | 585.121 | 631.841 | 0.31 | 429.652 | 1709.448 | 0.998 | 14.682 |
| 9/24/2018 10:30 | 1600200 | 150168 | 21125 | 346.733 | 584.952 | 631.80 | 0.31 | 429.678 | 1709.542 | 0.998 | 14.681 |
| 9/24/2018 10:45 | 1601100 | 150117 | 21125 | 346.738 | 584.922 | 631.677 | 0.31 | 429.54 | 1709.63 | 0.998 | 14.681 |
| 9/24/2018 11:00 | 1602000 | 150207 | 21112 | 346.823 | 585.066 | 631.895 | 0.31 | 429.688 | 1709.208 | 0.998 | 14.689 |
| 9/24/2018 11:15 | 1602900 | 150208 | 21128 | 346.825 | 584.852 | 631.561 | 0.31 | 429.461 | 1709.835 | 0.998 | 14.681 |
| 9/24/2018 11:30 | 1603800 | 150222 | 21141 | 346.857 | 584.728 | 631.253 | 0.31 | 429.252 | 1710.198 | 0.998 | 14.675 |
| 9/24/2018 11:45 | 1604700 | 150188 | 21117 | 346.779 | 584.609 | 631.446 | 0.31 | 429.384 | 1710.545 | 0.998 | 14.68 |
| 9/24/2018 12:00 | 1605600 | 150176 | 21125 | 346.756 | 584.952 | 631.721 | 0.31 | 429.57 | 1709.513 | 0.998 | 14.668 |
| 9/24/2018 12:15 | 1606500 | 150225 | 21136 | 346.866 | 584.734 | 631.333 | 0.31 | 429.306 | 1710.178 | 0.998 | 14.682 |
| 9/24/2018 12:30 | 1607400 | 150229 | 21134 | 346.874 | 584.561 | 631.17 | 0.31 | 429.196 | 1710.686 | 0.998 | 14.684 |
| 9/24/2018 12:45 | 1608300 | 150234 | 21126 | 346.885 | 584.609 | 631.328 | 0.31 | 429.303 | 1710.544 | 0.998 | 14.683 |
| 9/24/2018 13:00 | 1609200 | 150223 | 21116 | 346.861 | 584.704 | 631.55 | 0.31 | 429.454 | 1710.267 | 0.998 | 14.677 |
| 9/24/2018 13:15 | 1610100 | 150223 | 21132 | 346.861 | 585.435 | 632.143 | 0.31 | 429.857 | 1708.13 | 0.998 | 14.671 |
| 9/24/2018 13:30 | 1611000 | 150222 | 21132 | 346.858 | 585.52 | 632.228 | 0.31 | 429.915 | 1707.884 | 0.998 | 14.677 |
| 9/24/2018 13:45 | 1611900 | 150234 | 21118 | 346.886 | 585.253 | 632.128 | 0.31 | 429.847 | 1708.664 | 0.998 | 14.668 |
| 9/24/2018 14:00 | 1612800 | 150271 | 21132 | 346.972 | 584.789 | 631.434 | 0.31 | 429.375 | 1710.02 | 0.998 | 14.672 |
| 9/24/2018 14:15 | 1613700 | 15023 | 21119 | 346.877 | 584.984 | 631.819 | 0.31 | 429.637 | 1709.448 | 0.998 | 14.676 |
| 9/24/2018 14:30 | 1614600 | 150231 | 21138 | 346.878 | 584.678 | 631.24 | 0.31 | 429.243 | 1710.343 | 0.998 | 14.675 |
| 9/24/2018 14:45 | 1615500 | 150286 | 21119 | 347.007 | 585.457 | 632.334 | 0.31 | 429.987 | 1708.067 | 0.998 | 14.668 |
| 9/24/2018 15:00 | 1616400 | 150281 | 21122 | 346.948 | 585.093 | 631.895 | 0.31 | 429.689 | 1709.129 | 0.998 | 14.673 |
| 9/24/2018 15:15 | 1617300 | 150292 | 21148 | 347.019 | 584.51 | 630.93 | 0.31 | 429.032 | 1710.834 | 0.998 | 14.659 |
| 9/24/2018 15:30 | 1618200 | 150293 | 21139 | 347.021 | 584.486 | 631.016 | 0.31 | 429.091 | 1710.905 | 0.998 | 14.665 |
| 9/24/2018 15:45 | 1619100 | 150294 | 21139 | 347.025 | 584.307 | 630.823 | 0.31 | 428.96 | 1711.428 | 0.998 | 14.67 |
| 9/24/2018 16:00 | 1620000 | 150261 | 21125 | 346.949 | 584.506 | 631.221 | 0.31 | 429.23 | 1710.848 | 0.998 | 14.674 |
| 9/24/2018 16:15 | 1620900 | 150267 | 21121 | 346.962 | 584.629 | 631.404 | 0.31 | 429.355 | 1710.487 | 0.998 | 14.669 |
| 9/24/2018 16:30 | 1621800 | 150297 | 21127 | 347.032 | 584.228 | 632.027 | 0.31 | 429.014 | 1710.673 | 0.998 | 14.673 |
| 9/24/2018 16:45 | 1622700 | 150308 | 21128 | 347.056 | 583.542 | 630.141 | 0.309 | 428.496 | 1713.673 | 0.998 | 14.668 |
| 9/24/2018 17:00 | 1623600 | 150286 | 21113 | 347.005 | 584.338 | 631.197 | 0.31 | 429.214 | 1711.337 | 0.998 | 14.665 |
| 9/24/2018 17:15 | 1624500 | 150316 | 21118 | 347.074 | 584.63 | 631.444 | 0.31 | 429.382 | 1710.484 | 0.998 | 14.662 |
| 9/24/2018 17:30 | 1625400 | 150312 | 21137 | 347.066 | 584.55 | 631.11 | 0.31 | 429.155 | 1710.716 | 0.998 | 14.668 |
| 9/24/2018 17:45 | 1626300 | 150322 | 21114 | 347.09 | 584.178 | 630.678 | 0.31 | 428.861 | 1711.808 | 0.998 | 14.667 |
| 9/24/2018 18:00 | 1627200 | 150321 | 21144 | 347.087 | 583.827 | 630.239 | 0.309 | 428.563 | 1712.85 | 0.998 | 14.666 |
| 9/24/2018 18:15 | 1628100 | 150325 | 21147 | 347.102 | 583.542 | 630.001 | 0.309 | 428.401 | 1713.352 | 0.998 | 14.667 |
| 9/24/2018 18:30 | 1629000 | 150325 | 21139 | 347.095 | 583.68 | 630.153 | 0.309 | 428.504 | 1713.267 | 0.998 | 14.668 |
| 9/24/2018 18:45 | 1629900 | 150327 | 21131 | 347.1 | 584.14 | 630.753 | 0.31 | 428.912 | 1711.918 | 0.998 | 14.665 |
| 9/24/2018 19:00 | 1630800 | 150333 | 21129 | 347.114 | 583.896 | 630.515 | 0.309 | 428.75 | 1712.632 | 0.998 | 14.668 |
| 9/24/2018 19:15 | 1631700 | 150298 | 21119 | 347.034 | 584.148 | 630.912 | 0.31 | 429.02 | 1711.895 | 0.998 | 14.666 |
| 9/24/2018 19:30 | 1632600 | 150334 | 21113 | 347.117 | 584.752 | 631.429 | 0.31 | 429.372 | 1710.128 | 0.998 | 14.666 |
| 9/24/2018 19:45 | 1633500 | 150334 | 21139 | 347.117 | 585.073 | 631.657 | 0.31 | 429.527 | 1709.188 | 0.998 | 14.668 |
| 9/24/2018 20:00 | 1634400 | 150293 | 21139 | 347.023 | 584.588 | 631.137 | 0.31 | 429.173 | 1710.605 | 0.998 | 14.67 |
| 9/24/2018 20:15 | 1635300 | 150308 | 21118 | 347.057 | 584.208 | 630.998 | 0.31 | 429.079 | 1711.719 | 0.998 | 14.671 |
| 9/24/2018 20:30 | 1636200 | 150349 | 21135 | 347.152 | 584.345 | 630.916 | 0.31 | 429.023 | 1711.317 | 0.998 | 14.67 |
| 9/24/2018 20:45 | 1637100 | 150313 | 21131 | 347.067 | 584.195 | 630.815 | 0.31 | 428.954 | 1711.757 | 0.998 | 14.681 |
| 9/24/2018 21:00 | 1638000 | 15031 | 21138 | 347.061 | 584.231 | 630.757 | 0.31 | 428.915 | 1711.651 | 0.998 | 14.675 |
| 9/24/2018 21:15 | 1638900 | 150331 | 21139 | 347.062 | 583.728 | 630.208 | 0.309 | 428.542 | 1713.127 | 0.998 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 150319 | 21143 | 347.083 | 583.867 | 630.304 | 0.309 | 428.607 | 1712.718 | 0.998 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 150357 | 21141 | 347.169 | 583.935 | 630.403 | 0.309 | 428.674 | 1712.52 | 0.998 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 150339 | 21134 | 347.129 | 584.229 | 630.811 | 0.31 | 428.951 | 1711.657 | 0.998 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 150326 | 21142 | 347.097 | 583.969 | 630.424 | 0.309 | 428.688 | 1712.42 | 0.998 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 150367 | 21134 | 347.192 | 583.919 | 630.475 | 0.309 | 428.723 | 1712.566 | 0.998 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 150324 | 21127 | 347.094 | 584.26 | 630.339 | 0.31 | 428.546 | 1711.566 | 0.998 | 14.688 |
| 9/24/2018 23:00 | 1645200 | 150367 | 21137 | 347.192 | 583.892 | 630.4 | 0.309 | 428.672 | 1712.646 | 0.998 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 150378 | 21129 | 347.218 | 584.093 | 630.73 | 0.31 | 428.896 | 1712.056 | 0.998 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 150345 | 21117 | 347.142 | 584.378 | 631.185 | 0.31 | 429.206 | 1711.222 | 0.998 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 150356 | 21119 | 347.168 | 585.668 | 632.558 | 0.311 | 430.14 | 1707.451 | 0.998 | 14.681 |
| 9/25/2018 0:00 | 1648800 | 150388 | 21143 | 347.241 | 585.519 | 632.085 | 0.31 | 429.818 | 1707.886 | 0.998 | 14.688 |
| 9/25/2018 0:15 | 1649700 | 150376 | 21143 | 347.215 | 584.548 | 631.07 | 0.31 | 429.187 | 1710.074 | 0.998 | 14.689 |
| 9/25/2018 0:30 | 1650600 | 150349 | 21113 | 347.151 | 584.372 | 631.02 | 0.31 | 429.094 | 1711.239 | 0.998 | 14.688 |
| 9/25/2018 0:45 | 1651500 | 150377 | 21138 | 347.215 | 584.005 | 630.51 | 0.309 | 428.747 | 1712.315 | 0.998 | 14.686 |
| 9/25/2018 1:00 | 1652400 | 150364 | 21114 | 347.186 | 584.051 | 630.537 | 0.309 | 428.765 | 1712.179 | 0.998 | 14.691 |
| 9/25/2018 1:15 | 1653300 | 150327 | 21134 | 347.101 | 583.817 | 630.37 | 0.309 | 428.651 | 1712.864 | 0.998 | 14.688 |
| 9/25/2018 1:30 | 1654200 | 150351 | 21137 | 347.155 | 583.75 | 630.257 | 0.309 | 428.575 | 1713.063 | 0.998 | 14.688 |
| 9/25/2018 1:45 | 1655100 | 150303 | 21127 | 347.044 | 583.127 | 630.346 | 0.309 | 428.764 | 1712.451 | 0.998 | 14.69 |
| 9/25/2018 2:00 | 1656000 | 150301 | 2112 | 347.04 | 584.074 | 630.823 | 0.31 | 428.96 | 1712.112 | 0.998 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 150283 | 21128 | 347 | 584.528 | 631.215 | 0.31 | 429.226 | 1710.782 | 0.998 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 150271 | 21134 | 346.971 | 584.286 | 630.872 | 0.31 | 428.993 | 1711.49 | 0.998 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 150289 | 21124 | 347.013 | 584.529 | 631.26 | 0.31 | 429.257 | 1710.78 | 0.998 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 150281 | 21138 | 346.994 | 584.302 | 630.84 | 0.31 | 428.971 | 1711.443 | 0.998 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 150276 | 21136 | 346.983 | 584.156 | 630.701 | 0.31 | 428.877 | 1711.871 | 0.998 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 150285 | 21132 | 346.957 | 584.054 | 630.651 | 0.31 | 428.843 | 1712.71 | 0.998 | 14.686 |
| 9/25/2018 3:45 | 1662300 | 150265 | 21114 | 346.957 | 584.034 | 630.516 | 0.309 | 428.751 | 1712.229 | 0.998 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 150262 | 21138 | 346.95 | 584.146 | 630.661 | 0.31 | 428.85 | 1711.902 | 0.998 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 150232 | 21142 | 3 | | | | | | | |

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|-----------------|---------|--------|-------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/26/2018 12:15 | 1779300 | 150269 | 21134 | 346.966 | 584.374 | 630.969 | 0.31 | 429.059 | 1711.234 | 0.998 | 14.723 |
| 9/26/2018 12:30 | 1780200 | 150308 | 21136 | 347.055 | 583.934 | 630.466 | 0.309 | 428.717 | 1712.522 | 0.998 | 14.729 |
| 9/26/2018 12:45 | 1781100 | 150276 | 21124 | 346.983 | 584.364 | 631.08 | 0.31 | 429.134 | 1711.263 | 0.998 | 14.73 |
| 9/26/2018 13:00 | 1782000 | 150313 | 21111 | 347.067 | 584.709 | 631.621 | 0.31 | 429.502 | 1710.252 | 0.998 | 14.731 |
| 9/26/2018 13:15 | 1782900 | 150289 | 21123 | 347.012 | 586.062 | 632.929 | 0.311 | 430.391 | 1706.305 | 0.998 | 14.723 |
| 9/26/2018 13:30 | 1783800 | 150321 | 21135 | 347.086 | 585.33 | 631.988 | 0.31 | 429.752 | 1708.437 | 0.998 | 14.73 |
| 9/26/2018 13:45 | 1784700 | 150350 | 21147 | 347.161 | 584.614 | 632.614 | 0.31 | 429.802 | 1709.821 | 0.998 | 14.724 |
| 9/26/2018 14:00 | 1785600 | 150289 | 21135 | 347.013 | 585.275 | 631.928 | 0.31 | 429.711 | 1708.598 | 0.998 | 14.73 |
| 9/26/2018 14:15 | 1786500 | 150302 | 21137 | 347.043 | 585.127 | 631.742 | 0.31 | 429.584 | 1709.03 | 0.998 | 14.724 |
| 9/26/2018 14:30 | 1787400 | 150305 | 21122 | 347.05 | 584.979 | 631.777 | 0.31 | 429.609 | 1709.464 | 0.998 | 14.724 |
| 9/26/2018 14:45 | 1788300 | 150293 | 21123 | 347.023 | 585.46 | 632.274 | 0.31 | 429.947 | 1708.058 | 0.998 | 14.722 |
| 9/26/2018 15:00 | 1789200 | 150346 | 2114 | 347.145 | 585.511 | 632.112 | 0.31 | 429.836 | 1707.908 | 0.998 | 14.719 |
| 9/26/2018 15:15 | 1790100 | 150341 | 21134 | 347.134 | 584.854 | 631.424 | 0.31 | 429.368 | 1709.838 | 0.998 | 14.722 |
| 9/26/2018 15:30 | 1791000 | 15037 | 21143 | 347.2 | 584.827 | 631.342 | 0.31 | 429.312 | 1709.906 | 0.998 | 14.716 |
| 9/26/2018 15:45 | 1791900 | 150332 | 21121 | 347.113 | 584.673 | 631.452 | 0.31 | 429.387 | 1710.356 | 0.998 | 14.724 |
| 9/26/2018 16:00 | 1792800 | 150331 | 21129 | 347.11 | 585.023 | 631.732 | 0.31 | 429.578 | 1709.334 | 0.998 | 14.723 |
| 9/26/2018 16:15 | 1793700 | 150332 | 21128 | 347.111 | 584.733 | 631.436 | 0.31 | 429.376 | 1710.182 | 0.998 | 14.723 |
| 9/26/2018 16:30 | 1794600 | 150367 | 2114 | 347.193 | 584.471 | 630.986 | 0.31 | 429.07 | 1710.948 | 0.998 | 14.721 |
| 9/26/2018 16:45 | 1795500 | 150375 | 21145 | 347.227 | 585.521 | 632.187 | 0.31 | 429.158 | 1710.54 | 0.998 | 14.717 |
| 9/26/2018 17:00 | 1796400 | 150379 | 21143 | 347.22 | 584.401 | 630.882 | 0.31 | 429 | 1711.153 | 0.998 | 14.72 |
| 9/26/2018 17:15 | 1797300 | 150388 | 21132 | 347.241 | 584.837 | 631.487 | 0.31 | 429.411 | 1709.878 | 0.998 | 14.718 |
| 9/26/2018 17:30 | 1798200 | 150382 | 21127 | 347.228 | 584.935 | 631.658 | 0.31 | 429.527 | 1709.591 | 0.998 | 14.724 |
| 9/26/2018 17:45 | 1799100 | 150359 | 21122 | 347.174 | 585.291 | 632.112 | 0.31 | 429.836 | 1708.551 | 0.998 | 14.725 |
| 9/26/2018 18:00 | 1800000 | 150343 | 21115 | 347.137 | 585.912 | 632.868 | 0.311 | 430.35 | 1706.74 | 0.998 | 14.722 |
| 9/26/2018 18:15 | 1800900 | 150395 | 21118 | 347.258 | 586.664 | 633.601 | 0.311 | 430.441 | 1706.298 | 0.998 | 14.725 |
| 9/26/2018 18:30 | 1801800 | 150383 | 21137 | 347.229 | 585.359 | 631.992 | 0.31 | 429.754 | 1708.354 | 0.998 | 14.722 |
| 9/26/2018 18:45 | 1802700 | 150364 | 21123 | 347.185 | 584.978 | 631.764 | 0.31 | 429.6 | 1709.466 | 0.998 | 14.728 |
| 9/26/2018 19:00 | 1803600 | 150342 | 21129 | 347.136 | 585.083 | 631.8 | 0.31 | 429.624 | 1709.159 | 0.998 | 14.727 |
| 9/26/2018 19:15 | 1804500 | 150394 | 2112 | 347.256 | 586.014 | 632.912 | 0.311 | 430.38 | 1706.445 | 0.998 | 14.73 |
| 9/26/2018 19:30 | 1805400 | 150358 | 21122 | 347.172 | 586.059 | 632.938 | 0.311 | 430.398 | 1706.312 | 0.998 | 14.723 |
| 9/26/2018 19:45 | 1806300 | 15038 | 21134 | 347.227 | 585.501 | 632.187 | 0.31 | 429.887 | 1707.94 | 0.998 | 14.718 |
| 9/26/2018 20:00 | 1807200 | 150349 | 21134 | 347.151 | 585.541 | 632.225 | 0.31 | 429.913 | 1707.822 | 0.998 | 14.72 |
| 9/26/2018 20:15 | 1808100 | 150383 | 21135 | 347.23 | 585.088 | 631.729 | 0.31 | 429.576 | 1709.144 | 0.998 | 14.719 |
| 9/26/2018 20:30 | 1809000 | 15035 | 21126 | 347.153 | 584.96 | 631.699 | 0.31 | 429.555 | 1709.519 | 0.998 | 14.724 |
| 9/26/2018 20:45 | 1809900 | 150393 | 21137 | 347.252 | 584.223 | 630.768 | 0.31 | 428.922 | 1711.674 | 0.998 | 14.723 |
| 9/26/2018 21:00 | 1810800 | 15036 | 2112 | 347.176 | 584.951 | 631.764 | 0.31 | 429.6 | 1709.546 | 0.998 | 14.722 |
| 9/26/2018 21:15 | 1811700 | 150346 | 21139 | 347.144 | 584.578 | 631.12 | 0.31 | 429.162 | 1710.36 | 0.998 | 14.73 |
| 9/26/2018 21:30 | 1812600 | 150396 | 21121 | 347.26 | 584.912 | 631.717 | 0.31 | 429.568 | 1709.657 | 0.998 | 14.719 |
| 9/26/2018 21:45 | 1813500 | 150385 | 21144 | 347.233 | 584.222 | 630.677 | 0.31 | 428.861 | 1711.677 | 0.998 | 14.724 |
| 9/26/2018 22:00 | 1814400 | 15036 | 21124 | 347.176 | 584.397 | 631.115 | 0.31 | 429.158 | 1711.167 | 0.998 | 14.722 |
| 9/26/2018 22:15 | 1815300 | 150396 | 21129 | 347.261 | 584.223 | 630.869 | 0.31 | 428.991 | 1711.677 | 0.998 | 14.714 |
| 9/26/2018 22:30 | 1816200 | 150396 | 21133 | 347.259 | 584.754 | 631.384 | 0.31 | 429.341 | 1710.121 | 0.998 | 14.725 |
| 9/26/2018 22:45 | 1817100 | 1504 | 21129 | 347.268 | 584.486 | 631.152 | 0.31 | 429.183 | 1710.904 | 0.998 | 14.721 |
| 9/26/2018 23:00 | 1818000 | 15039 | 2113 | 347.246 | 584.566 | 631.014 | 0.31 | 429.019 | 1711.256 | 0.998 | 14.724 |
| 9/26/2018 23:15 | 1818900 | 150338 | 21113 | 347.126 | 585.169 | 632.093 | 0.31 | 429.823 | 1708.907 | 0.998 | 14.724 |
| 9/26/2018 23:30 | 1819800 | 150387 | 21118 | 347.24 | 586.245 | 633.188 | 0.311 | 430.568 | 1705.773 | 0.998 | 14.719 |
| 9/26/2018 23:45 | 1820700 | 150386 | 21137 | 347.237 | 585.845 | 632.52 | 0.31 | 430.113 | 1706.937 | 0.998 | 14.719 |
| 9/27/2018 0:00 | 1821600 | 150394 | 21126 | 347.255 | 585.332 | 632.104 | 0.31 | 429.831 | 1708.432 | 0.998 | 14.724 |
| 9/27/2018 0:15 | 1822500 | 150358 | 2114 | 347.172 | 585.214 | 631.798 | 0.31 | 429.623 | 1708.775 | 0.998 | 14.714 |
| 9/27/2018 0:30 | 1823400 | 150375 | 21135 | 347.212 | 584.188 | 630.746 | 0.31 | 428.907 | 1711.778 | 0.998 | 14.715 |
| 9/27/2018 0:45 | 1824300 | 150335 | 21128 | 347.119 | 584.207 | 630.866 | 0.31 | 428.989 | 1711.722 | 0.998 | 14.715 |
| 9/27/2018 1:00 | 1825200 | 150368 | 21121 | 347.195 | 584.339 | 631.09 | 0.31 | 429.141 | 1711.334 | 0.998 | 14.715 |
| 9/27/2018 1:15 | 1826100 | 150339 | 21129 | 347.128 | 584.42 | 631.085 | 0.31 | 429.138 | 1711.098 | 0.998 | 14.715 |
| 9/27/2018 1:30 | 1827000 | 150308 | 21113 | 347.057 | 585.12 | 632.038 | 0.31 | 429.786 | 1709.053 | 0.998 | 14.714 |
| 9/27/2018 1:45 | 1827900 | 150289 | 21125 | 347.013 | 585.39 | 632.176 | 0.31 | 429.879 | 1708.264 | 0.998 | 14.707 |
| 9/27/2018 2:00 | 1828800 | 150316 | 21133 | 347.074 | 584.954 | 631.577 | 0.31 | 429.473 | 1709.595 | 0.998 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 150299 | 21123 | 347.035 | 584.5 | 631.239 | 0.31 | 429.243 | 1710.863 | 0.998 | 14.705 |
| 9/27/2018 2:30 | 1830600 | 150283 | 21121 | 346.999 | 585.176 | 632.006 | 0.31 | 429.764 | 1708.887 | 0.998 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 15027 | 21132 | 346.968 | 584.889 | 631.541 | 0.31 | 429.448 | 1709.726 | 0.998 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 150258 | 21132 | 346.942 | 584.77 | 631.419 | 0.31 | 429.365 | 1710.073 | 0.998 | 14.706 |
| 9/27/2018 3:15 | 1833300 | 150229 | 21135 | 346.873 | 584.607 | 631.197 | 0.31 | 429.214 | 1710.552 | 0.998 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 150285 | 21133 | 346.773 | 584.974 | 631.86 | 0.31 | 429.665 | 1709.777 | 0.998 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 150174 | 21115 | 346.748 | 585.736 | 632.681 | 0.311 | 430.223 | 1707.253 | 0.998 | 14.705 |
| 9/27/2018 4:00 | 1836000 | 150151 | 2113 | 346.694 | 585.981 | 632.756 | 0.311 | 430.274 | 1706.54 | 0.998 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 150167 | 2114 | 346.73 | 585.364 | 631.953 | 0.31 | 429.728 | 1708.339 | 0.998 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 15011 | 21136 | 346.6 | 585.148 | 631.774 | 0.31 | 429.606 | 1708.968 | 0.998 | 14.706 |
| 9/27/2018 4:45 | 1838700 | 15014 | 21138 | 346.668 | 584.899 | 631.475 | 0.31 | 429.403 | 1709.697 | 0.998 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 150237 | 21133 | 346.537 | 585.293 | 632.167 | 0.311 | 429.473 | 1708.548 | 0.998 | 14.705 |
| 9/27/2018 5:15 | 1840500 | 150096 | 21111 | 346.567 | 586.216 | 633.254 | 0.311 | 430.613 | 1705.856 | 0.998 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 15007 | 21115 | 346.507 | 586.614 | 633.637 | 0.311 | 430.873 | 1704.698 | 0.998 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 150052 | 21119 | 346.465 | 585.928 | 632.832 | 0.311 | 430.326 | 1706.695 | 0.998 | 14.708 |
| 9/27/2018 6:00 | 1843200 | 150053 | 21128 | 346.467 | 586.493 | 633.331 | 0.311 | 430.665 | 1705.05 | 0.998 | 14.699 |
| 9/27/2018 6:15 | 1844100 | 150051 | 21118 | 346.462 | 586.035 | 632.961 | 0.311 | 430.414 | 1706.384 | 0.998 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 150083 | 21133 | 346.536 | 586.013 | 632.777 | 0.311 | 430.277 | 1706.448 | 0.998 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 150095 | 21123 | 346.564 | 585.705 | 632.549 | 0.31 | 430.133 | 1707.345 | 0.998 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 150091 | 21126 | 346.555 | 585.954 | 632.781 | 0.31 | 430.291 | 1706.62 | 0.998 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 150085 | 21113 | 346.543 | 585.815 | 632.789 | 0.311 | 430.296 | 1707.025 | 0.998 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 150086 | 2113 | 346.543 | 585.373 | 632.096 | 0.31 | 429.825 | 1708.313 | 0.998 | 14.71 |
| 9/27/2018 7:45 | 1849500 | 150054 | 21107 | 346.469 | 586.32 | 633.422 | 0.311 | 430.727 | 1705.552 | 0.998 | 14.714 |
| 9/27/2018 8:00 | 1850400 | 150063 | 2112 | 346.491 | 586.445 | 633.386 | 0.311 | 430.703 | 1705.189 | 0.998 | 14.711 |
| 9/27/2018 8:15 | 1851300 | 150052 | 21136 | 346.466 | 585.236 | 632.599 | 0.31 | 429.598 | 1708.713 | 0.998 | 14.718 |
| 9/27/2018 8:30 | 1852200 | 150078 | 21121 | 346.526 | 585.881 | 632.766 | 0.311 | 430.281 | 1706.832 | 0.998 | 14.711 |
| 9/27/2018 8:45 | 1853100 | 150104 | 21133 | 346.586 | 585.95 | 632.679 | 0.311 | 430.222 | 1706.631 | 0.998 | 14.715 |
| 9/27/2018 9:00 | 1854000 | 1501 | 21131 | 346.577 | 585.509 | 6 | | | | | |

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|-----------------|---------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/28/2018 17:00 | 1969200 | 150.533 | 21.116 | 347.576 | 584.744 | 631.602 | 0.31 | 429.489 | 1710.149 | 0.998 | 14.667 |
| 9/28/2018 17:15 | 1970100 | 150.559 | 21.122 | 347.637 | 584.975 | 631.769 | 0.31 | 429.603 | 1709.474 | 0.998 | 14.656 |
| 9/28/2018 17:30 | 1971000 | 150.591 | 21.138 | 347.709 | 584.474 | 631.02 | 0.31 | 429.094 | 1710.939 | 0.998 | 14.658 |
| 9/28/2018 17:45 | 1971900 | 150.584 | 21.133 | 347.694 | 583.7 | 630.244 | 0.309 | 428.566 | 1713.209 | 0.998 | 14.661 |
| 9/28/2018 18:00 | 1972800 | 150.559 | 21.139 | 347.636 | 583.924 | 630.412 | 0.309 | 428.68 | 1712.51 | 0.998 | 14.658 |
| 9/28/2018 18:15 | 1973700 | 150.564 | 21.127 | 347.647 | 584.099 | 630.755 | 0.31 | 428.913 | 1712.038 | 0.998 | 14.657 |
| 9/28/2018 18:30 | 1974600 | 150.594 | 21.143 | 347.718 | 584.099 | 630.755 | 0.31 | 428.887 | 1712.038 | 0.998 | 14.666 |
| 9/28/2018 18:45 | 1975500 | 150.602 | 21.139 | 347.736 | 583.934 | 630.427 | 0.309 | 428.69 | 1712.523 | 0.998 | 14.658 |
| 9/28/2018 19:00 | 1976400 | 150.615 | 21.134 | 347.766 | 584.019 | 630.584 | 0.309 | 428.797 | 1712.273 | 0.998 | 14.657 |
| 9/28/2018 19:15 | 1977300 | 150.561 | 21.129 | 347.64 | 584.197 | 630.838 | 0.31 | 428.97 | 1711.751 | 0.998 | 14.666 |
| 9/28/2018 19:30 | 1978200 | 150.568 | 21.121 | 347.658 | 584.255 | 631 | 0.31 | 429.08 | 1711.581 | 0.998 | 14.661 |
| 9/28/2018 19:45 | 1979100 | 150.584 | 21.117 | 347.694 | 583.977 | 630.762 | 0.31 | 428.918 | 1712.395 | 0.998 | 14.657 |
| 9/28/2018 20:00 | 1980000 | 150.56 | 21.133 | 347.637 | 584.15 | 631.383 | 0.31 | 429.34 | 1710.639 | 0.998 | 14.664 |
| 9/28/2018 20:15 | 1980900 | 150.607 | 21.137 | 347.748 | 584.263 | 630.81 | 0.31 | 428.951 | 1711.557 | 0.998 | 14.662 |
| 9/28/2018 20:30 | 1981800 | 150.599 | 21.13 | 347.728 | 583.92 | 630.526 | 0.309 | 428.758 | 1712.563 | 0.998 | 14.666 |
| 9/28/2018 20:45 | 1982700 | 150.564 | 21.128 | 347.647 | 584.127 | 630.781 | 0.31 | 428.931 | 1711.956 | 0.998 | 14.67 |
| 9/28/2018 21:00 | 1983600 | 150.566 | 21.124 | 347.653 | 584.28 | 630.988 | 0.31 | 429.072 | 1711.509 | 0.998 | 14.668 |
| 9/28/2018 21:15 | 1984500 | 150.564 | 21.134 | 347.648 | 583.789 | 630.334 | 0.309 | 428.627 | 1712.947 | 0.998 | 14.667 |
| 9/28/2018 21:30 | 1985400 | 150.596 | 21.132 | 347.726 | 583.958 | 630.747 | 0.309 | 428.752 | 1712.521 | 0.998 | 14.672 |
| 9/28/2018 21:45 | 1986300 | 150.59 | 21.144 | 347.709 | 583.778 | 630.194 | 0.309 | 428.532 | 1712.98 | 0.998 | 14.663 |
| 9/28/2018 22:00 | 1987200 | 150.589 | 21.137 | 347.706 | 583.681 | 630.175 | 0.309 | 428.519 | 1713.266 | 0.998 | 14.668 |
| 9/28/2018 22:15 | 1988100 | 150.559 | 21.119 | 347.636 | 583.59 | 630.307 | 0.309 | 428.609 | 1713.531 | 0.998 | 14.67 |
| 9/28/2018 22:30 | 1989000 | 150.55 | 21.131 | 347.616 | 584.316 | 630.942 | 0.31 | 429.041 | 1711.403 | 0.998 | 14.668 |
| 9/28/2018 22:45 | 1989900 | 150.579 | 21.131 | 347.682 | 584.64 | 631.289 | 0.31 | 429.276 | 1710.454 | 0.998 | 14.675 |
| 9/28/2018 23:00 | 1990800 | 150.55 | 21.133 | 347.615 | 584.159 | 630.747 | 0.31 | 428.908 | 1712.562 | 0.998 | 14.672 |
| 9/28/2018 23:15 | 1991700 | 150.548 | 21.119 | 347.612 | 584.595 | 631.399 | 0.31 | 429.351 | 1710.585 | 0.998 | 14.68 |
| 9/28/2018 23:30 | 1992600 | 150.594 | 21.121 | 347.716 | 584.841 | 631.641 | 0.31 | 429.516 | 1709.866 | 0.998 | 14.665 |
| 9/28/2018 23:45 | 1993500 | 150.585 | 21.128 | 347.697 | 584.924 | 631.632 | 0.31 | 429.51 | 1709.623 | 0.998 | 14.669 |
| 9/29/2018 0:00 | 1994400 | 150.574 | 21.134 | 347.67 | 584.191 | 630.771 | 0.31 | 428.924 | 1711.769 | 0.998 | 14.674 |
| 9/29/2018 0:15 | 1995300 | 150.541 | 21.132 | 347.596 | 584.186 | 630.781 | 0.31 | 428.931 | 1711.785 | 0.998 | 14.68 |
| 9/29/2018 0:30 | 1996200 | 150.533 | 21.119 | 347.576 | 584.229 | 631.002 | 0.31 | 429.082 | 1711.656 | 0.998 | 14.675 |
| 9/29/2018 0:45 | 1997100 | 150.539 | 21.121 | 347.59 | 584.439 | 631.21 | 0.31 | 429.223 | 1711.044 | 0.998 | 14.672 |
| 9/29/2018 1:00 | 1998000 | 150.531 | 21.121 | 347.571 | 584.569 | 631.338 | 0.31 | 429.31 | 1710.662 | 0.998 | 14.674 |
| 9/29/2018 1:15 | 1998900 | 150.574 | 21.125 | 347.671 | 584.57 | 631.297 | 0.31 | 429.282 | 1710.659 | 0.998 | 14.675 |
| 9/29/2018 1:30 | 1999800 | 150.542 | 21.119 | 347.598 | 584.858 | 631.688 | 0.31 | 429.548 | 1709.818 | 0.998 | 14.672 |
| 9/29/2018 1:45 | 2000700 | 150.528 | 21.128 | 347.564 | 585.222 | 631.962 | 0.31 | 429.734 | 1708.752 | 0.998 | 14.677 |
| 9/29/2018 2:00 | 2001600 | 150.542 | 21.12 | 347.605 | 585.575 | 632.507 | 0.31 | 430.105 | 1707.722 | 0.998 | 14.675 |
| 9/29/2018 2:15 | 2002500 | 150.576 | 21.142 | 347.676 | 585.265 | 631.822 | 0.31 | 429.639 | 1708.628 | 0.998 | 14.673 |
| 9/29/2018 2:30 | 2003400 | 150.583 | 21.139 | 347.691 | 584.577 | 631.12 | 0.31 | 429.161 | 1710.838 | 0.998 | 14.675 |
| 9/29/2018 2:45 | 2004300 | 150.537 | 21.137 | 347.584 | 584.322 | 630.876 | 0.31 | 428.996 | 1711.384 | 0.998 | 14.679 |
| 9/29/2018 3:00 | 2005200 | 150.547 | 21.126 | 347.609 | 584.563 | 631.272 | 0.31 | 429.265 | 1710.681 | 0.998 | 14.675 |
| 9/29/2018 3:15 | 2006100 | 150.552 | 21.12 | 347.62 | 584.566 | 631.35 | 0.31 | 429.318 | 1710.67 | 0.998 | 14.672 |
| 9/29/2018 3:30 | 2007000 | 150.558 | 21.126 | 347.635 | 585.105 | 631.853 | 0.31 | 429.46 | 1709.095 | 0.998 | 14.665 |
| 9/29/2018 3:45 | 2007900 | 150.573 | 21.123 | 347.668 | 584.111 | 630.938 | 0.31 | 429.604 | 1711.416 | 0.998 | 14.678 |
| 9/29/2018 4:00 | 2008800 | 150.583 | 21.123 | 347.69 | 584.894 | 631.671 | 0.31 | 429.536 | 1709.711 | 0.998 | 14.671 |
| 9/29/2018 4:15 | 2009700 | 150.587 | 21.13 | 347.7 | 584.934 | 631.622 | 0.31 | 429.503 | 1709.594 | 0.998 | 14.668 |
| 9/29/2018 4:30 | 2010600 | 150.593 | 21.123 | 347.714 | 584.538 | 631.279 | 0.31 | 429.27 | 1710.752 | 0.998 | 14.666 |
| 9/29/2018 4:45 | 2011500 | 150.548 | 21.132 | 347.61 | 584.854 | 631.504 | 0.31 | 429.423 | 1709.828 | 0.998 | 14.676 |
| 9/29/2018 5:00 | 2012400 | 150.565 | 21.121 | 347.65 | 584.77 | 631.556 | 0.31 | 429.458 | 1710.075 | 0.998 | 14.67 |
| 9/29/2018 5:15 | 2013300 | 150.567 | 21.123 | 347.655 | 584.983 | 631.771 | 0.31 | 429.604 | 1709.453 | 0.998 | 14.671 |
| 9/29/2018 5:30 | 2014200 | 150.557 | 21.131 | 347.631 | 584.858 | 631.528 | 0.31 | 429.439 | 1709.817 | 0.998 | 14.674 |
| 9/29/2018 5:45 | 2015100 | 150.594 | 21.136 | 347.717 | 585.12 | 631.746 | 0.31 | 429.587 | 1709.053 | 0.998 | 14.676 |
| 9/29/2018 6:00 | 2016000 | 150.561 | 21.135 | 347.641 | 584.785 | 631.392 | 0.31 | 429.346 | 1710.03 | 0.998 | 14.68 |
| 9/29/2018 6:15 | 2016900 | 150.574 | 21.127 | 347.67 | 585.35 | 632.109 | 0.31 | 429.834 | 1708.378 | 0.998 | 14.676 |
| 9/29/2018 6:30 | 2017800 | 150.573 | 21.123 | 347.668 | 584.898 | 631.677 | 0.31 | 429.54 | 1709.699 | 0.998 | 14.684 |
| 9/29/2018 6:45 | 2018700 | 150.574 | 21.114 | 347.67 | 585.98 | 632.755 | 0.31 | 430.273 | 1707.103 | 0.998 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 150.604 | 21.138 | 347.74 | 586.032 | 632.7 | 0.31 | 430.236 | 1706.391 | 0.998 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 150.575 | 21.137 | 347.672 | 584.981 | 631.587 | 0.31 | 429.479 | 1709.458 | 0.998 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 150.616 | 21.125 | 347.767 | 584.97 | 631.731 | 0.31 | 429.577 | 1709.491 | 0.998 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 150.617 | 21.122 | 347.769 | 584.661 | 631.427 | 0.31 | 429.37 | 1709.592 | 0.998 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 150.606 | 21.133 | 347.746 | 584.942 | 631.593 | 0.31 | 429.483 | 1709.371 | 0.998 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 150.615 | 21.127 | 347.742 | 585.58 | 632.162 | 0.31 | 429.871 | 1708.921 | 0.998 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 150.58 | 21.133 | 347.685 | 584.818 | 631.46 | 0.31 | 429.393 | 1709.395 | 0.998 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 150.58 | 21.137 | 347.684 | 584.738 | 631.319 | 0.31 | 429.297 | 1710.169 | 0.998 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 150.612 | 21.126 | 347.758 | 585.303 | 632.077 | 0.31 | 429.813 | 1708.517 | 0.998 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 150.588 | 21.142 | 347.702 | 585.355 | 631.92 | 0.31 | 429.706 | 1708.364 | 0.998 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 150.628 | 21.124 | 347.796 | 585.066 | 631.847 | 0.31 | 429.656 | 1709.208 | 0.998 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 150.627 | 21.123 | 347.793 | 586.13 | 632.057 | 0.31 | 429.799 | 1709.185 | 0.998 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 150.591 | 21.128 | 347.711 | 585.866 | 632.648 | 0.31 | 430.201 | 1706.875 | 0.998 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 150.599 | 21.132 | 347.728 | 585.353 | 632.051 | 0.31 | 429.795 | 1708.371 | 0.998 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 150.646 | 21.13 | 347.837 | 585.342 | 632.057 | 0.31 | 429.799 | 1708.403 | 0.998 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 150.596 | 21.125 | 347.721 | 585.723 | 632.544 | 0.31 | 430.13 | 1707.291 | 0.998 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 150.604 | 21.122 | 347.739 | 585.719 | 632.577 | 0.31 | 430.152 | 1707.303 | 0.998 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 150.605 | 21.122 | 347.742 | 585.858 | 632.672 | 0.31 | 430.217 | 1706.987 | 0.998 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 150.648 | 21.142 | 347.842 | 585.588 | 632.177 | 0.31 | 429.88 | 1707.684 | 0.998 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 150.642 | 21.13 | 347.827 | 586.111 | 632.887 | 0.31 | 430.363 | 1706.162 | 0.998 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 150.653 | 21.139 | 347.853 | 586.573 | 633.271 | 0.31 | 430.624 | 1704.818 | 0.998 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 150.654 | 21.124 | 347.855 | 586.004 | 632.855 | 0.31 | 430.342 | 1706.473 | 0.998 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 150.661 | 21.128 | 347.871 | 585.509 | 632.27 | 0.31 | 429.943 | 1707.917 | 0.998 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 150.629 | 21.136 | 347.798 | 584.988 | 631.606 | 0.31 | 429.492 | 1709.437 | 0.998 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 150.645 | 21.114 | 347.835 | 585.236 | 632.16 | 0.31 | 429.869 | 1708.712 | 0.998 | 14.69 |
| 9/29/2018 13:15 | 2042100 | 150.667 | 21.134 | 347.884 | 585.701 | 632.398 | 0.31 | 430.031 | 1707.355 | 0.998 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 150.675 | 21.14 | 347.905 | 585 | | | | | | |

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|-----------------|---------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 9/30/2018 21:45 | 2159100 | 150.876 | 21.12 | 348.369 | 585.337 | 632.189 | 0.31 | 429.888 | 1708.419 | 0.998 | 14.673 |
| 9/30/2018 22:00 | 2160000 | 150.837 | 21.126 | 348.278 | 585.222 | 631.981 | 0.31 | 429.747 | 1708.752 | 0.998 | 14.674 |
| 9/30/2018 22:15 | 2160900 | 150.851 | 21.128 | 348.31 | 585.451 | 632.211 | 0.31 | 429.903 | 1708.085 | 0.998 | 14.67 |
| 9/30/2018 22:30 | 2161800 | 150.878 | 21.121 | 348.372 | 586.483 | 633.406 | 0.311 | 430.716 | 1705.088 | 0.998 | 14.669 |
| 9/30/2018 22:45 | 2162700 | 150.878 | 21.13 | 348.371 | 586.003 | 632.78 | 0.311 | 430.29 | 1706.475 | 0.998 | 14.672 |
| 9/30/2018 23:00 | 2163600 | 150.835 | 21.126 | 348.273 | 586.106 | 632.947 | 0.311 | 430.404 | 1706.174 | 0.998 | 14.667 |
| 9/30/2018 23:15 | 2164500 | 150.846 | 21.123 | 348.3 | 586.086 | 632.556 | 0.311 | 430.41 | 1706.689 | 0.998 | 14.67 |
| 9/30/2018 23:30 | 2165400 | 150.856 | 21.11 | 348.321 | 586.224 | 633.276 | 0.311 | 430.628 | 1705.832 | 0.998 | 14.666 |
| 9/30/2018 23:45 | 2166300 | 150.883 | 21.137 | 348.385 | 586.034 | 632.713 | 0.311 | 430.245 | 1706.385 | 0.998 | 14.671 |
| 10/1/2018 0:00 | 2167200 | 150.872 | 21.14 | 348.358 | 585.341 | 631.933 | 0.31 | 429.714 | 1708.406 | 0.998 | 14.672 |
| 10/1/2018 0:15 | 2168100 | 150.833 | 21.121 | 348.268 | 585.63 | 632.487 | 0.31 | 430.091 | 1707.562 | 0.998 | 14.673 |
| 10/1/2018 0:30 | 2169000 | 150.842 | 21.113 | 348.29 | 587.151 | 634.237 | 0.311 | 431.281 | 1703.14 | 0.998 | 14.67 |
| 10/1/2018 0:45 | 2169900 | 150.883 | 21.127 | 348.383 | 587.052 | 633.847 | 0.311 | 431.084 | 1703.425 | 0.998 | 14.671 |
| 10/1/2018 1:00 | 2170800 | 150.881 | 21.123 | 348.379 | 586.496 | 633.399 | 0.311 | 430.712 | 1705.043 | 0.998 | 14.671 |
| 10/1/2018 1:15 | 2171700 | 150.834 | 21.132 | 348.271 | 586.313 | 633.083 | 0.311 | 430.497 | 1705.574 | 0.998 | 14.671 |
| 10/1/2018 1:30 | 2172600 | 150.835 | 21.124 | 348.274 | 586.054 | 632.913 | 0.311 | 430.381 | 1706.326 | 0.998 | 14.675 |
| 10/1/2018 1:45 | 2173500 | 150.869 | 21.142 | 348.353 | 585.521 | 632.104 | 0.31 | 429.831 | 1707.88 | 0.998 | 14.676 |
| 10/1/2018 2:00 | 2174400 | 150.839 | 21.133 | 348.283 | 585.202 | 631.877 | 0.31 | 429.677 | 1708.812 | 0.998 | 14.675 |
| 10/1/2018 2:15 | 2175300 | 150.86 | 21.13 | 348.31 | 585.395 | 632.216 | 0.31 | 429.807 | 1707.587 | 0.998 | 14.677 |
| 10/1/2018 2:30 | 2176200 | 150.831 | 21.114 | 348.265 | 585.476 | 632.409 | 0.31 | 430.038 | 1708.012 | 0.998 | 14.67 |
| 10/1/2018 2:45 | 2177100 | 150.828 | 21.126 | 348.256 | 585.718 | 632.518 | 0.31 | 430.113 | 1707.307 | 0.998 | 14.68 |
| 10/1/2018 3:00 | 2178000 | 150.816 | 21.119 | 348.23 | 585.617 | 632.497 | 0.31 | 430.098 | 1707.601 | 0.998 | 14.668 |
| 10/1/2018 3:15 | 2178900 | 150.831 | 21.122 | 348.264 | 586.242 | 633.142 | 0.311 | 430.536 | 1705.78 | 0.998 | 14.674 |
| 10/1/2018 3:30 | 2179800 | 150.797 | 21.13 | 348.185 | 585.534 | 632.272 | 0.31 | 429.945 | 1707.842 | 0.998 | 14.667 |
| 10/1/2018 3:45 | 2180700 | 150.783 | 21.134 | 348.154 | 585.505 | 631.592 | 0.31 | 429.851 | 1707.526 | 0.998 | 14.671 |
| 10/1/2018 4:00 | 2181600 | 150.782 | 21.129 | 348.152 | 585.177 | 631.894 | 0.31 | 429.688 | 1708.884 | 0.998 | 14.663 |
| 10/1/2018 4:15 | 2182500 | 150.772 | 21.125 | 348.127 | 584.995 | 631.759 | 0.31 | 429.596 | 1709.415 | 0.998 | 14.663 |
| 10/1/2018 4:30 | 2183400 | 150.8 | 21.133 | 348.191 | 585.371 | 632.055 | 0.31 | 429.797 | 1708.319 | 0.998 | 14.667 |
| 10/1/2018 4:45 | 2184300 | 150.771 | 21.12 | 348.126 | 585.224 | 632.065 | 0.31 | 429.804 | 1708.747 | 0.998 | 14.663 |
| 10/1/2018 5:00 | 2185200 | 150.776 | 21.118 | 348.137 | 585.467 | 632.349 | 0.31 | 429.998 | 1708.038 | 0.998 | 14.667 |
| 10/1/2018 5:15 | 2186100 | 150.817 | 21.123 | 348.211 | 586.028 | 632.912 | 0.311 | 430.38 | 1706.402 | 0.998 | 14.669 |
| 10/1/2018 5:30 | 2187000 | 150.78 | 21.119 | 348.146 | 585.558 | 632.437 | 0.31 | 430.057 | 1707.773 | 0.998 | 14.672 |
| 10/1/2018 5:45 | 2187900 | 150.776 | 21.117 | 348.137 | 585.687 | 632.603 | 0.311 | 430.17 | 1707.397 | 0.998 | 14.673 |
| 10/1/2018 6:00 | 2188800 | 150.812 | 21.124 | 348.22 | 585.519 | 632.337 | 0.31 | 429.899 | 1707.886 | 0.998 | 14.669 |
| 10/1/2018 6:15 | 2189700 | 150.815 | 21.13 | 348.227 | 585.762 | 632.511 | 0.31 | 430.107 | 1707.177 | 0.998 | 14.672 |
| 10/1/2018 6:30 | 2190600 | 150.832 | 21.126 | 348.266 | 585.173 | 631.935 | 0.31 | 429.716 | 1708.895 | 0.998 | 14.667 |
| 10/1/2018 6:45 | 2191500 | 150.827 | 21.133 | 348.255 | 585.588 | 632.287 | 0.31 | 429.655 | 1707.685 | 0.998 | 14.673 |
| 10/1/2018 7:00 | 2192400 | 150.821 | 21.139 | 348.265 | 584.952 | 631.529 | 0.31 | 429.44 | 1709.541 | 0.998 | 14.677 |
| 10/1/2018 7:15 | 2193300 | 150.831 | 21.134 | 348.265 | 585.224 | 631.883 | 0.31 | 429.681 | 1708.749 | 0.998 | 14.685 |
| 10/1/2018 7:30 | 2194200 | 150.846 | 21.14 | 348.3 | 585.086 | 631.65 | 0.31 | 429.522 | 1709.151 | 0.998 | 14.683 |
| 10/1/2018 7:45 | 2195100 | 150.795 | 21.129 | 348.18 | 584.598 | 631.27 | 0.31 | 429.263 | 1710.577 | 0.998 | 14.689 |
| 10/1/2018 8:00 | 2196000 | 150.853 | 21.142 | 348.315 | 584.754 | 631.266 | 0.31 | 429.261 | 1710.121 | 0.998 | 14.686 |
| 10/1/2018 8:15 | 2196900 | 150.851 | 21.134 | 348.31 | 584.656 | 631.275 | 0.31 | 429.267 | 1710.406 | 0.998 | 14.685 |
| 10/1/2018 8:30 | 2197800 | 150.815 | 21.134 | 348.227 | 584.73 | 631.424 | 0.31 | 429.369 | 1710.889 | 0.998 | 14.689 |
| 10/1/2018 8:45 | 2198700 | 150.857 | 21.128 | 348.323 | 585.13 | 631.857 | 0.31 | 429.663 | 1709.021 | 0.998 | 14.692 |
| 10/1/2018 9:00 | 2199600 | 150.828 | 21.135 | 348.258 | 585.034 | 631.664 | 0.31 | 429.532 | 1709.301 | 0.998 | 14.687 |
| 10/1/2018 9:15 | 2200500 | 150.857 | 21.13 | 348.325 | 585.648 | 632.387 | 0.31 | 430.023 | 1707.509 | 0.998 | 14.688 |
| 10/1/2018 9:30 | 2201400 | 150.863 | 21.135 | 348.337 | 584.82 | 631.435 | 0.31 | 429.376 | 1709.929 | 0.998 | 14.689 |
| 10/1/2018 9:45 | 2202300 | 150.857 | 21.119 | 348.324 | 585.005 | 631.843 | 0.31 | 429.653 | 1709.386 | 0.998 | 14.687 |
| 10/1/2018 10:00 | 2203200 | 150.847 | 21.117 | 348.302 | 585.466 | 632.259 | 0.31 | 430.004 | 1708.042 | 0.998 | 14.677 |
| 10/1/2018 10:15 | 2204100 | 150.885 | 21.146 | 348.39 | 585.356 | 631.87 | 0.31 | 429.672 | 1708.362 | 0.998 | 14.681 |
| 10/1/2018 10:30 | 2205000 | 150.88 | 21.136 | 348.378 | 584.855 | 631.46 | 0.31 | 429.393 | 1709.826 | 0.998 | 14.677 |
| 10/1/2018 10:45 | 2205900 | 150.878 | 21.142 | 348.373 | 585.178 | 631.727 | 0.31 | 429.575 | 1708.881 | 0.998 | 14.679 |
| 10/1/2018 11:00 | 2206800 | 150.898 | 21.141 | 348.419 | 584.663 | 631.191 | 0.31 | 429.21 | 1710.388 | 0.998 | 14.675 |
| 10/1/2018 11:15 | 2207700 | 150.887 | 21.138 | 348.393 | 584.838 | 631.417 | 0.31 | 429.363 | 1709.876 | 0.998 | 14.678 |
| 10/1/2018 11:30 | 2208600 | 150.869 | 21.119 | 348.352 | 585.372 | 632.239 | 0.31 | 429.922 | 1708.314 | 0.998 | 14.671 |
| 10/1/2018 11:45 | 2209500 | 150.905 | 21.132 | 348.434 | 585.59 | 632.302 | 0.31 | 429.965 | 1707.68 | 0.998 | 14.672 |
| 10/1/2018 12:00 | 2210400 | 150.913 | 21.141 | 348.454 | 584.982 | 631.526 | 0.31 | 429.438 | 1709.454 | 0.998 | 14.667 |
| 10/1/2018 12:15 | 2211300 | 150.913 | 21.141 | 348.452 | 584.373 | 630.868 | 0.31 | 428.99 | 1711.236 | 0.998 | 14.665 |
| 10/1/2018 12:30 | 2212200 | 150.924 | 21.123 | 348.48 | 584.409 | 631.139 | 0.31 | 429.175 | 1711.131 | 0.998 | 14.662 |
| 10/1/2018 12:45 | 2213100 | 150.888 | 21.121 | 348.396 | 584.735 | 631.528 | 0.31 | 429.439 | 1710.175 | 0.998 | 14.668 |
| 10/1/2018 13:00 | 2214000 | 150.936 | 21.14 | 348.507 | 584.95 | 631.466 | 0.31 | 429.465 | 1710.679 | 0.998 | 14.657 |
| 10/1/2018 13:15 | 2214900 | 150.895 | 21.121 | 348.412 | 584.838 | 631.639 | 0.31 | 429.514 | 1709.876 | 0.998 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 150.952 | 21.135 | 348.544 | 584.477 | 631.069 | 0.31 | 429.127 | 1710.931 | 0.998 | 14.655 |
| 10/1/2018 13:45 | 2216700 | 150.945 | 21.143 | 348.527 | 584.246 | 630.71 | 0.31 | 428.883 | 1711.608 | 0.998 | 14.652 |
| 10/1/2018 14:00 | 2217600 | 150.958 | 21.137 | 348.557 | 584.135 | 630.666 | 0.31 | 428.853 | 1711.934 | 0.998 | 14.649 |
| 10/1/2018 14:15 | 2218500 | 150.95 | 21.136 | 348.54 | 584.416 | 630.983 | 0.31 | 429.068 | 1711.111 | 0.998 | 14.646 |
| 10/1/2018 14:30 | 2219400 | 150.958 | 21.14 | 348.558 | 584.906 | 631.423 | 0.31 | 429.443 | 1709.975 | 0.998 | 14.644 |
| 10/1/2018 14:45 | 2220300 | 150.928 | 21.133 | 348.487 | 584.798 | 631.441 | 0.31 | 429.38 | 1709.992 | 0.998 | 14.643 |
| 10/1/2018 15:00 | 2221200 | 150.93 | 21.13 | 348.492 | 585.197 | 631.899 | 0.31 | 429.61 | 1708.827 | 0.998 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 150.95 | 21.114 | 348.539 | 585.737 | 632.695 | 0.311 | 430.233 | 1707.249 | 0.998 | 14.644 |
| 10/1/2018 15:30 | 2223000 | 150.986 | 21.133 | 348.622 | 585.699 | 632.408 | 0.31 | 430.038 | 1707.361 | 0.998 | 14.642 |
| 10/1/2018 15:45 | 2223900 | 150.949 | 21.129 | 348.537 | 585.067 | 631.781 | 0.31 | 429.611 | 1709.205 | 0.998 | 14.638 |
| 10/1/2018 16:00 | 2224800 | 150.935 | 21.131 | 348.529 | 584.631 | 631.151 | 0.31 | 429.167 | 1710.79 | 0.998 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 151.008 | 21.129 | 348.672 | 584.885 | 631.58 | 0.31 | 429.474 | 1709.737 | 0.998 | 14.64 |
| 10/1/2018 16:30 | 2226600 | 150.97 | 21.125 | 348.585 | 585.098 | 631.865 | 0.31 | 429.669 | 1709.114 | 0.998 | 14.637 |
| 10/1/2018 16:45 | 2227500 | 150.979 | 21.125 | 348.606 | 584.957 | 631.707 | 0.31 | 429.561 | 1709.527 | 0.998 | 14.638 |
| 10/1/2018 17:00 | 2228400 | 150.975 | 21.123 | 348.598 | 585.824 | 632.678 | 0.311 | 430.221 | 1706.998 | 0.998 | 14.64 |
| 10/1/2018 17:15 | 2229300 | 151.001 | 21.12 | 348.657 | 585.767 | 632.646 | 0.311 | 430.199 | 1707.163 | 0.998 | 14.632 |
| 10/1/2018 17:30 | 2230200 | 150.989 | 21.121 | 348.63 | 585.489 | 632.336 | 0.31 | 429.988 | 1707.973 | 0.998 | 14.635 |
| 10/1/2018 17:45 | 2231100 | 151.019 | 21.14 | 348.699 | 585.136 | 632.493 | 0.31 | 430.095 | 1707.037 | 0.998 | 14.641 |
| 10/1/2018 18:00 | 2232000 | 151.002 | 21.132 | 348.659 | 585.064 | 631.732 | 0.31 | 429.578 | 1709.216 | 0.998 | 14.631 |
| 10/1/2018 18:15 | 2232900 | 151.028 | 21.121 | 3 | | | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|---------|--------|---------|---------|---------|-------|---------|----------|-------|--------|
| 10/3/2018 2:30 | 2349000 | 151.092 | 21.118 | 348.866 | 585.309 | 632.185 | 0.31 | 429.886 | 1708.499 | 0.998 | 14.672 |
| 10/3/2018 2:45 | 2349900 | 151.052 | 21.121 | 348.775 | 585.814 | 632.691 | 0.311 | 430.23 | 1707.027 | 0.998 | 14.673 |
| 10/3/2018 3:00 | 2350800 | 151.091 | 21.127 | 348.865 | 585.644 | 632.428 | 0.31 | 430.051 | 1707.522 | 0.998 | 14.665 |
| 10/3/2018 3:15 | 2351700 | 151.086 | 21.129 | 348.853 | 585.769 | 632.531 | 0.31 | 430.121 | 1707.158 | 0.998 | 14.666 |
| 10/3/2018 3:30 | 2352600 | 151.095 | 21.14 | 348.874 | 584.838 | 631.39 | 0.31 | 429.345 | 1709.876 | 0.998 | 14.666 |
| 10/3/2018 3:45 | 2353500 | 151.048 | 21.113 | 348.764 | 585.257 | 632.191 | 0.31 | 429.89 | 1708.651 | 0.998 | 14.669 |
| 10/3/2018 4:00 | 2354400 | 151.046 | 21.122 | 348.76 | 585.409 | 632.24 | 0.31 | 429.923 | 1708.206 | 0.998 | 14.665 |
| 10/3/2018 4:15 | 2355300 | 151.078 | 21.13 | 348.835 | 585.629 | 632.37 | 0.31 | 430.011 | 1707.567 | 0.998 | 14.663 |
| 10/3/2018 4:30 | 2356200 | 151.057 | 21.131 | 348.785 | 585.235 | 631.935 | 0.31 | 429.716 | 1708.716 | 0.998 | 14.665 |
| 10/3/2018 4:45 | 2357100 | 151.095 | 21.133 | 348.874 | 585.137 | 631.797 | 0.31 | 429.622 | 1709.001 | 0.998 | 14.658 |
| 10/3/2018 5:00 | 2358000 | 151.095 | 21.125 | 348.873 | 585.136 | 631.911 | 0.31 | 429.699 | 1709.004 | 0.998 | 14.666 |
| 10/3/2018 5:15 | 2358900 | 151.093 | 21.126 | 348.87 | 584.723 | 631.45 | 0.31 | 429.386 | 1710.212 | 0.998 | 14.665 |
| 10/3/2018 5:30 | 2359800 | 151.092 | 21.127 | 348.866 | 585.43 | 632.201 | 0.31 | 429.897 | 1708.146 | 0.998 | 14.661 |
| 10/3/2018 5:45 | 2360700 | 151.063 | 21.133 | 348.799 | 585.078 | 631.734 | 0.31 | 429.579 | 1709.173 | 0.998 | 14.667 |
| 10/3/2018 6:00 | 2361600 | 151.057 | 21.121 | 348.786 | 585.473 | 632.323 | 0.31 | 429.98 | 1708.019 | 0.998 | 14.668 |
| 10/3/2018 6:15 | 2362500 | 151.095 | 21.131 | 348.873 | 585.991 | 632.744 | 0.311 | 430.266 | 1706.511 | 0.998 | 14.667 |
| 10/3/2018 6:30 | 2363400 | 151.099 | 21.137 | 348.883 | 585.481 | 632.119 | 0.31 | 429.841 | 1707.997 | 0.998 | 14.666 |
| 10/3/2018 6:45 | 2364300 | 151.114 | 21.124 | 348.917 | 585.345 | 632.149 | 0.31 | 429.861 | 1708.394 | 0.998 | 14.653 |
| 10/3/2018 7:00 | 2365200 | 151.101 | 21.12 | 348.888 | 585.705 | 632.59 | 0.31 | 430.161 | 1707.344 | 0.998 | 14.671 |
| 10/3/2018 7:15 | 2366100 | 151.107 | 21.127 | 348.902 | 585.394 | 632.16 | 0.31 | 429.869 | 1708.25 | 0.998 | 14.668 |
| 10/3/2018 7:30 | 2367000 | 151.074 | 21.138 | 348.824 | 585.109 | 631.703 | 0.31 | 429.558 | 1709.084 | 0.998 | 14.664 |
| 10/3/2018 7:45 | 2367900 | 151.058 | 21.135 | 348.789 | 585.031 | 631.66 | 0.31 | 429.529 | 1709.313 | 0.998 | 14.677 |
| 10/3/2018 8:00 | 2368800 | 151.105 | 21.125 | 348.896 | 584.972 | 631.73 | 0.31 | 429.576 | 1709.484 | 0.998 | 14.673 |
| 10/3/2018 8:15 | 2369700 | 151.116 | 21.128 | 348.922 | 584.947 | 631.656 | 0.31 | 429.526 | 1709.557 | 0.998 | 14.669 |
| 10/3/2018 8:30 | 2370600 | 151.084 | 21.118 | 348.848 | 585.559 | 632.457 | 0.31 | 430.071 | 1707.77 | 0.998 | 14.675 |
| 10/3/2018 8:45 | 2371500 | 151.092 | 21.117 | 348.866 | 586.612 | 633.609 | 0.311 | 430.854 | 1704.703 | 0.998 | 14.674 |
| 10/3/2018 9:00 | 2372400 | 151.09 | 21.125 | 348.862 | 585.858 | 632.679 | 0.311 | 430.222 | 1706.899 | 0.998 | 14.675 |
| 10/3/2018 9:15 | 2373300 | 151.128 | 21.125 | 348.951 | 585.611 | 632.412 | 0.31 | 430.04 | 1707.618 | 0.998 | 14.678 |
| 10/3/2018 9:30 | 2374200 | 151.119 | 21.129 | 348.929 | 586.785 | 633.634 | 0.311 | 430.871 | 1704.202 | 0.998 | 14.685 |
| 10/3/2018 9:45 | 2375100 | 151.129 | 21.136 | 348.952 | 586.003 | 632.692 | 0.311 | 430.231 | 1706.475 | 0.998 | 14.676 |
| 10/3/2018 10:00 | 2376000 | 151.135 | 21.132 | 348.966 | 585.212 | 631.902 | 0.31 | 429.693 | 1706.781 | 0.998 | 14.682 |
| 10/3/2018 10:15 | 2376900 | 151.136 | 21.136 | 348.968 | 585.243 | 631.987 | 0.31 | 429.751 | 1708.4 | 0.998 | 14.672 |
| 10/3/2018 10:30 | 2377800 | 151.122 | 21.12 | 348.935 | 585.231 | 632.069 | 0.31 | 429.807 | 1708.726 | 0.998 | 14.678 |
| 10/3/2018 10:45 | 2378700 | 151.143 | 21.122 | 348.983 | 586.375 | 633.286 | 0.311 | 430.634 | 1705.395 | 0.998 | 14.684 |
| 10/3/2018 11:00 | 2379600 | 151.122 | 21.121 | 348.936 | 586.356 | 633.279 | 0.311 | 430.63 | 1705.45 | 0.998 | 14.679 |
| 10/3/2018 11:15 | 2380500 | 151.147 | 21.124 | 348.994 | 585.944 | 632.791 | 0.311 | 430.298 | 1706.647 | 0.998 | 14.683 |
| 10/3/2018 11:30 | 2381400 | 151.156 | 21.123 | 348.915 | 585.945 | 632.798 | 0.311 | 430.296 | 1706.646 | 0.998 | 14.688 |
| 10/3/2018 11:45 | 2382300 | 151.147 | 21.119 | 348.994 | 586.74 | 633.711 | 0.311 | 430.924 | 1704.333 | 0.998 | 14.685 |
| 10/3/2018 12:00 | 2383200 | 151.123 | 21.131 | 348.939 | 586.859 | 633.693 | 0.311 | 430.911 | 1703.986 | 0.998 | 14.681 |
| 10/3/2018 12:15 | 2384100 | 151.118 | 21.124 | 348.927 | 586.031 | 632.888 | 0.311 | 430.364 | 1706.395 | 0.998 | 14.681 |
| 10/3/2018 12:30 | 2385000 | 151.168 | 21.129 | 349.042 | 585.923 | 632.703 | 0.311 | 430.238 | 1706.71 | 0.998 | 14.682 |
| 10/3/2018 12:45 | 2385900 | 151.125 | 21.139 | 348.944 | 585.203 | 631.79 | 0.31 | 429.617 | 1708.81 | 0.998 | 14.682 |
| 10/3/2018 13:00 | 2386800 | 151.148 | 21.111 | 348.996 | 586.565 | 633.63 | 0.311 | 430.869 | 1704.84 | 0.998 | 14.672 |
| 10/3/2018 13:15 | 2387700 | 151.132 | 21.139 | 348.959 | 585.971 | 632.629 | 0.311 | 430.188 | 1706.568 | 0.998 | 14.675 |
| 10/3/2018 13:30 | 2388600 | 151.146 | 21.122 | 348.991 | 585.808 | 632.664 | 0.311 | 430.211 | 1707.045 | 0.998 | 14.675 |
| 10/3/2018 13:45 | 2389500 | 151.159 | 21.124 | 349.022 | 586.116 | 632.98 | 0.311 | 430.426 | 1706.146 | 0.998 | 14.671 |
| 10/3/2018 14:00 | 2390400 | 151.185 | 21.131 | 349.082 | 585.55 | 632.271 | 0.31 | 429.944 | 1707.797 | 0.998 | 14.671 |
| 10/3/2018 14:15 | 2391300 | 151.187 | 21.13 | 349.086 | 585.731 | 632.475 | 0.31 | 430.083 | 1707.269 | 0.998 | 14.67 |
| 10/3/2018 14:30 | 2392200 | 151.17 | 21.117 | 349.048 | 586.117 | 633.068 | 0.311 | 430.486 | 1706.144 | 0.998 | 14.663 |
| 10/3/2018 14:45 | 2393100 | 151.186 | 21.117 | 349.084 | 586.504 | 633.49 | 0.311 | 430.773 | 1705.019 | 0.998 | 14.671 |
| 10/3/2018 15:00 | 2394000 | 151.192 | 21.128 | 349.098 | 586.826 | 633.693 | 0.311 | 430.911 | 1704.081 | 0.998 | 14.668 |
| 10/3/2018 15:15 | 2394900 | 151.155 | 21.127 | 349.013 | 586.749 | 633.625 | 0.311 | 430.865 | 1704.307 | 0.998 | 14.665 |
| 10/3/2018 15:30 | 2395800 | 151.166 | 21.126 | 349.038 | 586.657 | 633.528 | 0.311 | 430.799 | 1704.574 | 0.998 | 14.662 |
| 10/3/2018 15:45 | 2396700 | 151.203 | 21.141 | 349.122 | 586.213 | 632.856 | 0.311 | 430.342 | 1705.864 | 0.998 | 14.661 |
| 10/3/2018 16:00 | 2397600 | 151.207 | 21.142 | 349.133 | 585.597 | 632.187 | 0.31 | 429.887 | 1707.659 | 0.998 | 14.663 |
| 10/3/2018 16:15 | 2398500 | 151.184 | 21.124 | 349.079 | 585.572 | 632.39 | 0.31 | 430.025 | 1707.732 | 0.998 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 151.176 | 21.125 | 349.061 | 586.083 | 632.926 | 0.311 | 430.39 | 1706.244 | 0.998 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 151.216 | 21.124 | 349.154 | 586.308 | 633.18 | 0.311 | 430.562 | 1705.588 | 0.998 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 151.174 | 21.128 | 349.055 | 586.352 | 633.185 | 0.311 | 430.566 | 1705.462 | 0.998 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 151.206 | 21.122 | 349.129 | 585.954 | 632.828 | 0.311 | 430.323 | 1706.619 | 0.998 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 151.174 | 21.121 | 349.055 | 586.24 | 633.151 | 0.311 | 430.543 | 1705.787 | 0.998 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 151.187 | 21.132 | 349.085 | 585.724 | 632.444 | 0.31 | 430.662 | 1707.287 | 0.998 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 151.176 | 21.131 | 349.06 | 585.604 | 632.327 | 0.31 | 429.982 | 1707.64 | 0.998 | 14.666 |
| 10/3/2018 18:15 | 2405700 | 151.178 | 21.134 | 349.065 | 585.511 | 632.198 | 0.31 | 429.895 | 1707.91 | 0.998 | 14.663 |
| 10/3/2018 18:30 | 2406600 | 151.115 | 21.121 | 348.919 | 585.838 | 632.717 | 0.311 | 430.248 | 1706.955 | 0.998 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 151.133 | 21.111 | 348.962 | 586.343 | 633.387 | 0.311 | 430.703 | 1705.485 | 0.998 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 151.137 | 21.141 | 348.972 | 585.733 | 632.344 | 0.31 | 429.994 | 1707.263 | 0.998 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 151.107 | 21.135 | 348.902 | 585.826 | 632.519 | 0.31 | 430.113 | 1706.992 | 0.998 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 151.064 | 21.123 | 348.803 | 585.97 | 632.833 | 0.311 | 430.326 | 1706.573 | 0.998 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 151.055 | 21.128 | 348.781 | 585.908 | 632.693 | 0.311 | 430.231 | 1706.753 | 0.998 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 151.039 | 21.122 | 348.744 | 585.993 | 632.87 | 0.311 | 430.352 | 1706.506 | 0.998 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 151.036 | 21.118 | 348.737 | 586.06 | 632.999 | 0.311 | 430.439 | 1706.309 | 0.998 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 151.066 | 21.13 | 348.807 | 586.21 | 632.994 | 0.311 | 430.436 | 1705.874 | 0.998 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 151.06 | 21.131 | 348.793 | 586.104 | 632.874 | 0.311 | 430.354 | 1706.182 | 0.998 | 14.689 |
| 10/3/2018 21:00 | 2415600 | 151.057 | 21.12 | 348.786 | 586.009 | 632.913 | 0.311 | 430.381 | 1706.458 | 0.998 | 14.688 |
| 10/3/2018 21:15 | 2416500 | 151.02 | 21.118 | 348.701 | 586.817 | 633.814 | 0.311 | 430.994 | 1704.109 | 0.998 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 151.018 | 21.11 | 348.696 | 587.897 | 635.085 | 0.312 | 431.858 | 1700.978 | 0.998 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 151.016 | 21.128 | 348.692 | 587.775 | 634.718 | 0.312 | 431.608 | 1701.332 | 0.998 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 151.018 | 21.117 | 348.696 | 587.189 | 634.221 | 0.311 | 431.27 | 1703.028 | 0.998 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 151.01 | 21.129 | 348.677 | 587.247 | 634.126 | 0.311 | 431.206 | 1702.862 | 0.998 | 14.695 |
| 10/3/2018 22:30 | 2421000 | 151.056 | 21.132 | 348.783 | 586.898 | 633.712 | 0.311 | 430.924 | 1703.873 | 0.998 | 14.692 |
| 10/3/2018 22:45 | 2421900 | 151.043 | 21.131 | 348.754 | 586.779 | 633.6 | 0.311 | 430.848 | 1704.22 | 0.998 | 14.699 |
| 10/3/ | | | | | | | | | | | |

Report Date: 10/8/2018 13:16
 Report User Name: WMassoll
 Report Computer Name: WKST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MPWSP MW-9M_2018-10-04_10-40-57-790.wsl
 Create Date: 10/4/2018 10:40

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP MW-9
 Device Name:
 Serial Number: 551585
 Firmware Version: 2.01
 Hardware Version: 4
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 6
 Used Battery: 3

Log Configuration
 Log Name: MPWSP MW-9M
 Created By: WMassoll
 Computer Name: TABLET001
 Application: WinSitu.exe
 Application Version: 5.6.27.1
 Create Date: 4/20/2018 3:55:25 PM Pacific Daylight Time
 Log Setup Time Zone: Pacific Daylight Time
 Notes Size(bytes): 4096
 Overwrite when full: Enabled
 Scheduled Start Time: 4/20/2018 4:00:00 PM Pacific Daylight Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Depth
 Specific Gravity: 1.024

Other Log Settings
 Depth of Probe: 161.041 (ft)
 Head Pressure: 71.4912 (PSI)
 Temperature: 16.8624 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:
 Date and Time Note
 4/20/2018 15:55 Used Battery: 3% Used Memory: 6% User Name: WMassoll
 5/17/2018 10:30 Log Download - Used Battery: 5% Used Memory: 9% User Name: AVanHaitisma Interval - Start Time: 4/20/2018 4:00:00 PM Stop Time: 5/17/2018 12:30:00 PM
 5/17/2018 10:31 Log Download - Used Battery: 5% Used Memory: 9% User Name: AVanHaitisma Interval - Start Time: 4/18/2018 4:00:00 PM Stop Time: 5/17/2018 11:30:00 AM
 6/13/2018 16:33 Log Download - Used Battery: 6% Used Memory: 12% User Name: AVanHaitisma Interval - Start Time: 5/16/2018 10:00:00 PM Stop Time: 6/13/2018 5:30:00 PM
 6/14/2018 11:03 Log Download - Used Battery: 6% Used Memory: 12% User Name: AVanHaitisma Interval - Start Time: 5/16/2018 10:00:00 PM Stop Time: 6/14/2018 12:00:00 PM
 7/12/2018 10:33 Log Download - Used Battery: 8% Used Memory: 15% User Name: AVanHaitisma Interval - Start Time: 6/13/2018 10:00:00 PM Stop Time: 7/12/2018 11:30:00 AM
 8/9/2018 14:33 Log Download - Used Battery: 9% Used Memory: 18% User Name: WMassoll Interval - Start Time: 7/11/2018 10:00:00 PM Stop Time: 8/9/2018 3:30:00 PM
 9/6/2018 17:56 Log Download - Used Battery: 10% Used Memory: 21% User Name: WMassoll Interval - Start Time: 8/8/2018 10:00:00 PM Stop Time: 9/6/2018 6:45:00 PM
 10/4/2018 10:38 Log Download - Used Battery: 12% Used Memory: 25% User Name: WMassoll Interval - Start Time: 9/5/2018 10:00:00 PM Stop Time: 10/4/2018 10:30:00 AM

Log Data:
 Record Count: 2738

Sensors: 1
 1 551585 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(G) 231ft SN#: 551585 Pressure (PSI) | Sensor: PCTD(G) 231ft SN#: 551585 Temperature (C) | Sensor: PCTD(G) 231ft SN#: 551585 Depth (ft) | Sensor: PCTD(G) 231ft SN#: 551585 Actual Conductivity (µS/cm) | Sensor: PCTD(G) 231ft SN#: 551585 Specific Conductivity (µS/cm) | Sensor: PCTD(G) 231ft SN#: 551585 Salinity (PSU) | Sensor: PCTD(G) 231ft SN#: 551585 Total Dissolved Solids (ppt) | Sensor: PCTD(G) 231ft SN#: 551585 Resistivity (ohm-cm) | Sensor: PCTD(G) 231ft SN#: 551585 Water Density (g/cm3) |
|----------------|-------------------------|--|---|--|---|---|--|--|--|---|
| 9/6/2018 0:00 | 7200 | 69.011 | 16.835 | 155.454 | 36750.879 | 43541.465 | 28.205 | 29.608 | 27.21 | 1.02 |
| 9/6/2018 0:15 | 8100 | 69.013 | 16.828 | 155.458 | 36758.609 | 43556.879 | 28.216 | 29.619 | 27.205 | 1.02 |
| 9/6/2018 0:30 | 9000 | 69.003 | 16.821 | 155.436 | 36759.305 | 43564.984 | 28.221 | 29.624 | 27.204 | 1.02 |
| 9/6/2018 0:45 | 9900 | 69.004 | 16.824 | 155.438 | 36767.648 | 43572.281 | 28.227 | 29.629 | 27.198 | 1.02 |
| 9/6/2018 1:00 | 10800 | 68.996 | 16.827 | 155.42 | 36753.02 | 43551.203 | 28.212 | 29.615 | 27.209 | 1.02 |
| 9/6/2018 1:15 | 11700 | 68.992 | 16.823 | 155.411 | 36756.543 | 43559.891 | 28.218 | 29.621 | 27.206 | 1.02 |
| 9/6/2018 1:30 | 12600 | 68.988 | 16.828 | 155.402 | 36744.313 | 43540.707 | 28.204 | 29.608 | 27.215 | 1.02 |
| 9/6/2018 1:45 | 13500 | 68.984 | 16.833 | 155.394 | 36741.949 | 43532.367 | 28.199 | 29.602 | 27.217 | 1.02 |
| 9/6/2018 2:00 | 14400 | 68.975 | 16.838 | 155.374 | 36747.867 | 43534.598 | 28.2 | 29.604 | 27.212 | 1.02 |
| 9/6/2018 2:15 | 15300 | 68.965 | 16.842 | 155.351 | 36756.625 | 43541.414 | 28.206 | 29.608 | 27.206 | 1.02 |
| 9/6/2018 2:30 | 16200 | 68.963 | 16.839 | 155.347 | 36755.707 | 43542.766 | 28.206 | 29.609 | 27.207 | 1.02 |
| 9/6/2018 2:45 | 17100 | 68.964 | 16.829 | 155.348 | 36739.984 | 43534.113 | 28.2 | 29.603 | 27.218 | 1.02 |
| 9/6/2018 3:00 | 18000 | 68.953 | 16.834 | 155.323 | 36758.344 | 43551.266 | 28.212 | 29.615 | 27.205 | 1.02 |
| 9/6/2018 3:15 | 18900 | 68.945 | 16.838 | 155.305 | 36766.891 | 43556.879 | 28.216 | 29.619 | 27.198 | 1.02 |
| 9/6/2018 3:30 | 19800 | 68.941 | 16.828 | 155.296 | 36743.855 | 43539.48 | 28.203 | 29.607 | 27.215 | 1.02 |
| 9/6/2018 3:45 | 20700 | 68.934 | 16.83 | 155.281 | 36752.277 | 43547.813 | 28.21 | 29.613 | 27.209 | 1.02 |
| 9/6/2018 4:00 | 21600 | 68.932 | 16.823 | 155.277 | 36737.383 | 43537.012 | 28.201 | 29.605 | 27.22 | 1.02 |
| 9/6/2018 4:15 | 22500 | 68.929 | 16.83 | 155.269 | 36759.785 | 43556.609 | 28.216 | 29.618 | 27.204 | 1.02 |
| 9/6/2018 4:30 | 23400 | 68.918 | 16.837 | 155.245 | 36777.367 | 43571.023 | 28.227 | 29.628 | 27.191 | 1.02 |
| 9/6/2018 4:45 | 24300 | 68.919 | 16.837 | 155.246 | 36739.617 | 43525.875 | 28.194 | 29.598 | 27.219 | 1.02 |
| 9/6/2018 5:00 | 25200 | 68.916 | 16.839 | 155.241 | 36754.703 | 43542.258 | 28.206 | 29.609 | 27.207 | 1.02 |
| 9/6/2018 5:15 | 26100 | 68.908 | 16.851 | 155.223 | 36757.969 | 43533.57 | 28.2 | 29.603 | 27.205 | 1.02 |
| 9/6/2018 5:30 | 27000 | 68.91 | 16.835 | 155.227 | 36753.449 | 43544.609 | 28.207 | 29.61 | 27.208 | 1.02 |
| 9/6/2018 5:45 | 27900 | 68.905 | 16.834 | 155.215 | 36752.785 | 43544.68 | 28.207 | 29.61 | 27.209 | 1.02 |
| 9/6/2018 6:00 | 28800 | 68.901 | 16.833 | 155.207 | 36764.125 | 43558.805 | 28.218 | 29.62 | 27.2 | 1.02 |
| 9/6/2018 6:15 | 29700 | 68.901 | 16.832 | 155.207 | 36754.879 | 43549.242 | 28.211 | 29.613 | 27.207 | 1.02 |
| 9/6/2018 6:30 | 30600 | 68.899 | 16.844 | 155.202 | 36766.719 | 43550.773 | 28.212 | 29.615 | 27.199 | 1.02 |
| 9/6/2018 6:45 | 31500 | 68.903 | 16.831 | 155.211 | 36807.543 | 43612.332 | 28.256 | 29.656 | 27.168 | 1.02 |
| 9/6/2018 7:00 | 32400 | 68.904 | 16.835 | 155.212 | 36766.789 | 43559.703 | 28.218 | 29.621 | 27.198 | 1.02 |
| 9/6/2018 7:15 | 33300 | 68.904 | 16.842 | 155.213 | 36771.164 | 43558.637 | 28.218 | 29.62 | 27.195 | 1.02 |
| 9/6/2018 7:30 | 34200 | 68.882 | 16.838 | 155.163 | 36772.27 | 43564.027 | 28.222 | 29.624 | 27.194 | 1.02 |
| 9/6/2018 7:45 | 35100 | 68.899 | 16.841 | 155.202 | 36768.676 | 43556.465 | 28.216 | 29.618 | 27.197 | 1.02 |
| 9/6/2018 8:00 | 36000 | 68.904 | 16.834 | 155.213 | 36786.949 | 43584.719 | 28.236 | 29.638 | 27.184 | 1.02 |
| 9/6/2018 8:15 | 36900 | 68.91 | 16.838 | 155.227 | 36753.938 | 43541.711 | 28.206 | 29.608 | 27.208 | 1.02 |
| 9/6/2018 8:30 | 37800 | 68.906 | 16.836 | 155.218 | 36749.777 | 43539.121 | 28.204 | 29.607 | 27.211 | 1.02 |
| 9/6/2018 8:45 | 38700 | 68.913 | 16.836 | 155.234 | 36749.609 | 43538.836 | 28.203 | 29.606 | 27.211 | 1.02 |
| 9/6/2018 9:00 | 39600 | 68.912 | 16.829 | 155.232 | 36740.961 | 43535.695 | 28.201 | 29.604 | 27.218 | 1.02 |
| 9/6/2018 9:15 | 40500 | 68.915 | 16.827 | 155.238 | 36765.117 | 43566.148 | 28.223 | 29.625 | 27.2 | 1.02 |
| 9/6/2018 9:30 | 41400 | 68.919 | 16.844 | 155.247 | 36751.098 | 43532.188 | 28.199 | 29.602 | 27.21 | 1.02 |
| 9/6/2018 9:45 | 42300 | 68.923 | 16.834 | 155.255 | 36761.148 | 43554.914 | 28.214 | 29.617 | 27.203 | 1.02 |
| 9/6/2018 10:00 | 43200 | 68.919 | 16.835 | 155.246 | 36754.16 | 43544.914 | 28.208 | 29.611 | 27.208 | 1.02 |
| 9/6/2018 10:15 | 44100 | 68.927 | 16.843 | 155.264 | 36789.219 | 43578.551 | 28.232 | 29.633 | 27.182 | 1.02 |
| 9/6/2018 10:30 | 45000 | 68.929 | 16.842 | 155.268 | 36762.438 | 43547.961 | 28.21 | 29.613 | 27.202 | 1.02 |
| 9/6/2018 10:45 | 45900 | 68.929 | 16.838 | 155.268 | 36759.227 | 43548.402 | 28.21 | 29.613 | 27.204 | 1.02 |
| 9/6/2018 11:00 | 46800 | 68.936 | 16.828 | 155.286 | 36743.984 | 43539.809 | 28.204 | 29.607 | 27.215 | 1.02 |
| 9/6/2018 11:15 | 47700 | 68.934 | 16.834 | 155.281 | 36786.406 | 43583.902 | 28.236 | 29.637 | 27.184 | 1.02 |
| 9/6/2018 11:30 | 48600 | 68.939 | 16.839 | 155.292 | 36760.5 | 43549.125 | 28.211 | 29.613 | 27.203 | 1.02 |
| 9/6/2018 11:45 | 49500 | 68.934 | 16.839 | 155.281 | 36781.695 | 43573.551 | 28.229 | 29.63 | 27.187 | 1.02 |
| 9/6/2018 12:00 | 50400 | 68.945 | 16.832 | 155.306 | 36778.5 | 43577.316 | 28.231 | 29.633 | 27.19 | 1.02 |
| 9/6/2018 12:15 | 51300 | 68.939 | 16.837 | 155.291 | 36756.934 | 43546.816 | 28.209 | 29.612 | 27.206 | 1.02 |
| 9/6/2018 12:30 | 52200 | 68.941 | 16.843 | 155.296 | 36756.047 | 43539.781 | 28.204 | 29.607 | 27.206 | 1.02 |
| 9/6/2018 12:45 | 53100 | 68.938 | 16.836 | 155.29 | 36767.289 | 43559.613 | 28.218 | 29.621 | 27.198 | 1.02 |
| 9/6/2018 13:00 | 54000 | 68.945 | 16.834 | 155.306 | 36772.383 | 43567.551 | 28.224 | 29.626 | 27.194 | 1.02 |
| 9/6/2018 13:15 | 54900 | 68.946 | 16.831 | 155.308 | 36780.473 | 43580.004 | 28.233 | 29.634 | 27.188 | 1.02 |
| 9/6/2018 13:30 | 55800 | 68.945 | 16.832 | 155.305 | 36734.629 | 43524.469 | 28.193 | 29.597 | 27.222 | 1.02 |
| 9/6/2018 13:45 | 56700 | 68.946 | 16.836 | 155.308 | 36758.113 | 43548.824 | 28.211 | 29.613 | 27.205 | 1.02 |
| 9/6/2018 14:00 | 57600 | 68.938 | 16.834 | 155.29 | 36757.609 | 43550.574 | 28.212 | 29.614 | 27.205 | 1.02 |
| 9/6/2018 14:15 | 58500 | 68.942 | 16.839 | 155.3 | 36768.152 | 43557.941 | 28.217 | 29.619 | 27.197 | 1.02 |
| 9/6/2018 14:30 | 59400 | 68.942 | 16.838 | 155.3 | 36759.77 | 43549.141 | 28.211 | 29.613 | 27.204 | 1.02 |
| 9/6/2018 14:45 | 60300 | 68.943 | 16.839 | 155.302 | 36780.34 | 43571.77 | 28.227 | 29.629 | 27.188 | 1.02 |
| 9/6/2018 15:00 | 61200 | 68.945 | 16.843 | 155.306 | 36778.313 | 43566.07 | 28.223 | 29.625 | 27.19 | 1.02 |
| 9/6/2018 15:15 | 62100 | 68.942 | 16.837 | 155.298 | 36758.527 | 43548.527 | 28.21 | 29.613 | 27.205 | 1.02 |
| 9/6/2018 15:30 | 63000 | 68.945 | 16.836 | 155.306 | 36755.891 | 43546.621 | 28.209 | 29.612 | 27.207 | 1.02 |
| 9/6/2018 15:45 | 63900 | 68.943 | 16.839 | 155.302 | 36770.453 | 43560.844 | 28.219 | 29.621 | 27.196 | 1.02 |
| 9/6/2018 16:00 | 64800 | 68.945 | 16.838 | 155.306 | 36762.855 | 43552.352 | 28.213 | 29.616 | 27.201 | 1.02 |
| 9/6/2018 16:15 | 65700 | 68.943 | 16.829 | 155.302 | 36750.996 | 43547.16 | 28.209 | 29.612 | 27.21 | 1.02 |
| 9/6/2018 16:30 | 66600 | 68.948 | 16.837 | 155.311 | 36766.949 | 43558.594 | 28.218 | 29.62 | 27.198 | 1.02 |
| 9/6/2018 16:45 | 67500 | 68.95 | 16.845 | 155.316 | 36771.883 | 43566.52 | 28.223 | 29.625 | 27.195 | 1.02 |
| 9/6/2018 17:00 | 68400 | 68.946 | 16.831 | 155.308 | 36780.027 | 43569.668 | 28.226 | 29.627 | 27.189 | 1.02 |
| 9/6/2018 17:15 | 69300 | 68.943 | 16.837 | 155.302 | 36766.492 | 43557.543 | 28.217 | 29.619 | 27.199 | 1.02 |
| 9/6/2018 17:30 | 70200 | 68.953 | 16.828 | 155.324 | 36751.23 | 43548.219 | 28.21 | 29.613 | 27.21 | 1.02 |
| 9/6/2018 17:45 | 71100 | 68.95 | 16.831 | 155.316 | 36757.48 | 43552.676 | 28.213 | 29.616 | 27.205 | 1.02 |
| 9/6/2018 18:00 | 72000 | 68.951 | 16.829 | 155.319 | 36751.086 | 43547.012 | 28.209 | 29.612 | 27.21 | 1.02 |
| 9/6/2018 18:15 | 72900 | 68.959 | 16.844 | 155.338 | 36771.668 | 43556.898 | 28.217 | 29.619 | 27.195 | 1.02 |
| 9/6/2018 18:30 | 73800 | 68.963 | 16.82 | 155.347 | 36753.805 | 43559.504 | 28.2 | | | |

| | | | | | | | | | | |
|----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/7/2018 0:00 | 93600 | 69.02 | 16.837 | 155.474 | 36775.641 | 43568.199 | 28.225 | 29.626 | 27.192 | 1.02 |
| 9/7/2018 0:15 | 94500 | 69.014 | 16.833 | 155.462 | 36768.973 | 43564.723 | 28.222 | 29.624 | 27.191 | 1.02 |
| 9/7/2018 0:30 | 95400 | 69.019 | 16.834 | 155.472 | 36777.273 | 43573.871 | 28.228 | 29.63 | 27.191 | 1.02 |
| 9/7/2018 0:45 | 96300 | 69.015 | 16.834 | 155.463 | 36752.586 | 43543.473 | 28.207 | 29.61 | 27.209 | 1.02 |
| 9/7/2018 1:00 | 97200 | 69.009 | 16.827 | 155.449 | 36784.828 | 43568.895 | 28.239 | 29.64 | 27.185 | 1.02 |
| 9/7/2018 1:15 | 98100 | 69.009 | 16.839 | 155.449 | 36773.148 | 43563.859 | 28.222 | 29.623 | 27.194 | 1.02 |
| 9/7/2018 1:30 | 99000 | 69.005 | 16.835 | 155.439 | 36750.793 | 43541.105 | 28.205 | 29.608 | 27.21 | 1.02 |
| 9/7/2018 1:45 | 99900 | 69.002 | 16.833 | 155.434 | 36769.398 | 43564.973 | 28.222 | 29.624 | 27.197 | 1.02 |
| 9/7/2018 2:00 | 100800 | 68.994 | 16.833 | 155.415 | 36759.785 | 43554.016 | 28.214 | 29.617 | 27.204 | 1.02 |
| 9/7/2018 2:15 | 101700 | 68.989 | 16.835 | 155.405 | 36756.316 | 43547.469 | 28.21 | 29.612 | 27.206 | 1.02 |
| 9/7/2018 2:30 | 102600 | 68.988 | 16.828 | 155.402 | 36759.004 | 43557.348 | 28.216 | 29.619 | 27.204 | 1.02 |
| 9/7/2018 2:45 | 103500 | 68.981 | 16.831 | 155.386 | 36752.629 | 43547.012 | 28.209 | 29.612 | 27.209 | 1.02 |
| 9/7/2018 3:00 | 104400 | 68.974 | 16.833 | 155.372 | 36778.996 | 43576.258 | 28.23 | 29.632 | 27.189 | 1.02 |
| 9/7/2018 3:15 | 105300 | 68.963 | 16.839 | 155.347 | 36786.75 | 43579.629 | 28.233 | 29.634 | 27.184 | 1.02 |
| 9/7/2018 3:30 | 106200 | 68.963 | 16.846 | 155.346 | 36759.836 | 43541.328 | 28.206 | 29.608 | 27.204 | 1.02 |
| 9/7/2018 3:45 | 107100 | 68.951 | 16.819 | 155.319 | 36767.695 | 43576.676 | 28.23 | 29.632 | 27.198 | 1.02 |
| 9/7/2018 4:00 | 108000 | 68.955 | 16.822 | 155.328 | 36748.348 | 43551.488 | 28.212 | 29.615 | 27.212 | 1.02 |
| 9/7/2018 4:15 | 108900 | 68.945 | 16.827 | 155.305 | 36756.492 | 43556.098 | 28.215 | 29.618 | 27.206 | 1.02 |
| 9/7/2018 4:30 | 109800 | 68.938 | 16.842 | 155.29 | 36758.695 | 43543.789 | 28.207 | 29.61 | 27.204 | 1.02 |
| 9/7/2018 4:45 | 110700 | 68.935 | 16.835 | 155.282 | 36763.246 | 43556.289 | 28.216 | 29.618 | 27.201 | 1.02 |
| 9/7/2018 5:00 | 111600 | 68.93 | 16.83 | 155.271 | 36750.559 | 43545.949 | 28.208 | 29.611 | 27.21 | 1.02 |
| 9/7/2018 5:15 | 112500 | 68.925 | 16.83 | 155.26 | 36778.32 | 43578.926 | 28.232 | 29.634 | 27.19 | 1.02 |
| 9/7/2018 5:30 | 113400 | 68.925 | 16.829 | 155.261 | 36777.641 | 43578.477 | 28.232 | 29.633 | 27.19 | 1.02 |
| 9/7/2018 5:45 | 114300 | 68.919 | 16.833 | 155.247 | 36758.816 | 43552.688 | 28.213 | 29.616 | 27.204 | 1.02 |
| 9/7/2018 6:00 | 115200 | 68.917 | 16.841 | 155.241 | 36781.621 | 43571.898 | 28.227 | 29.629 | 27.187 | 1.02 |
| 9/7/2018 6:15 | 116100 | 68.915 | 16.846 | 155.237 | 36788.73 | 43575.199 | 28.233 | 29.631 | 27.182 | 1.02 |
| 9/7/2018 6:30 | 117000 | 68.913 | 16.836 | 155.233 | 36772.445 | 43565.977 | 28.223 | 29.625 | 27.194 | 1.02 |
| 9/7/2018 6:45 | 117900 | 68.91 | 16.83 | 155.227 | 36759.703 | 43556.688 | 28.216 | 29.619 | 27.204 | 1.02 |
| 9/7/2018 7:00 | 118800 | 68.908 | 16.835 | 155.221 | 36759.852 | 43552.266 | 28.213 | 29.616 | 27.204 | 1.02 |
| 9/7/2018 7:15 | 119700 | 68.908 | 16.836 | 155.222 | 36773.992 | 43567.984 | 28.224 | 29.626 | 27.193 | 1.02 |
| 9/7/2018 7:30 | 120600 | 68.908 | 16.832 | 155.222 | 36777.055 | 43575.336 | 28.229 | 29.631 | 27.191 | 1.02 |
| 9/7/2018 7:45 | 121500 | 68.905 | 16.829 | 155.215 | 36757.34 | 43554.934 | 28.215 | 29.617 | 27.205 | 1.02 |
| 9/7/2018 8:00 | 122400 | 68.905 | 16.838 | 155.215 | 36768.52 | 43559.336 | 28.218 | 29.62 | 27.197 | 1.02 |
| 9/7/2018 8:15 | 123300 | 68.912 | 16.83 | 155.232 | 36748.965 | 43543.887 | 28.207 | 29.61 | 27.212 | 1.02 |
| 9/7/2018 8:30 | 124200 | 68.909 | 16.838 | 155.224 | 36789.813 | 43584.035 | 28.236 | 29.637 | 27.181 | 1.02 |
| 9/7/2018 8:45 | 125100 | 68.913 | 16.824 | 155.233 | 36772.277 | 43577.582 | 28.231 | 29.633 | 27.194 | 1.02 |
| 9/7/2018 9:00 | 126000 | 68.919 | 16.837 | 155.247 | 36748.602 | 43536.855 | 28.202 | 29.605 | 27.212 | 1.02 |
| 9/7/2018 9:15 | 126900 | 68.927 | 16.836 | 155.265 | 36772.75 | 43565.91 | 28.223 | 29.625 | 27.194 | 1.02 |
| 9/7/2018 9:30 | 127800 | 68.927 | 16.826 | 155.265 | 36750.063 | 43548.746 | 28.21 | 29.613 | 27.211 | 1.02 |
| 9/7/2018 9:45 | 128700 | 68.93 | 16.826 | 155.271 | 36772.594 | 43575.965 | 28.23 | 29.632 | 27.194 | 1.02 |
| 9/7/2018 10:00 | 129600 | 68.927 | 16.833 | 155.264 | 36765.813 | 43560.641 | 28.219 | 29.621 | 27.199 | 1.02 |
| 9/7/2018 10:15 | 130500 | 68.935 | 16.83 | 155.282 | 36780.918 | 43581.402 | 28.234 | 29.635 | 27.188 | 1.02 |
| 9/7/2018 10:30 | 131400 | 68.942 | 16.828 | 155.298 | 36754.559 | 43552.938 | 28.213 | 29.616 | 27.208 | 1.02 |
| 9/7/2018 10:45 | 132300 | 68.939 | 16.834 | 155.291 | 36789.086 | 43587.16 | 28.238 | 29.639 | 27.182 | 1.02 |
| 9/7/2018 11:00 | 133200 | 68.941 | 16.836 | 155.296 | 36753.125 | 43542.734 | 28.206 | 29.609 | 27.209 | 1.02 |
| 9/7/2018 11:15 | 134100 | 68.945 | 16.831 | 155.306 | 36764.637 | 43561.406 | 28.219 | 29.622 | 27.2 | 1.02 |
| 9/7/2018 11:30 | 135000 | 68.951 | 16.818 | 155.319 | 36737.582 | 43542.023 | 28.205 | 29.609 | 27.22 | 1.02 |
| 9/7/2018 11:45 | 135900 | 68.949 | 16.841 | 155.315 | 36789.594 | 43581.609 | 28.234 | 29.635 | 27.182 | 1.02 |
| 9/7/2018 12:00 | 136800 | 68.958 | 16.833 | 155.334 | 36766.438 | 43562.07 | 28.22 | 29.622 | 27.199 | 1.02 |
| 9/7/2018 12:15 | 137700 | 68.958 | 16.828 | 155.334 | 36763.652 | 43563.715 | 28.221 | 29.623 | 27.201 | 1.02 |
| 9/7/2018 12:30 | 138600 | 68.976 | 16.843 | 155.376 | 36778.484 | 43565.836 | 28.223 | 29.625 | 27.19 | 1.02 |
| 9/7/2018 12:45 | 139500 | 68.962 | 16.84 | 155.344 | 36771.715 | 43560.508 | 28.219 | 29.621 | 27.195 | 1.02 |
| 9/7/2018 13:00 | 140400 | 68.965 | 16.833 | 155.351 | 36760.176 | 43554.652 | 28.215 | 29.617 | 27.203 | 1.02 |
| 9/7/2018 13:15 | 141300 | 68.968 | 16.847 | 155.356 | 36765.637 | 43547.16 | 28.21 | 29.612 | 27.199 | 1.02 |
| 9/7/2018 13:30 | 142200 | 68.964 | 16.842 | 155.348 | 36777.172 | 43565.238 | 28.223 | 29.624 | 27.191 | 1.02 |
| 9/7/2018 13:45 | 143100 | 68.968 | 16.836 | 155.357 | 36758.141 | 43548.676 | 28.21 | 29.613 | 27.205 | 1.02 |
| 9/7/2018 14:00 | 144000 | 68.971 | 16.831 | 155.365 | 36753.41 | 43548.027 | 28.21 | 29.613 | 27.208 | 1.02 |
| 9/7/2018 14:15 | 144900 | 68.974 | 16.822 | 155.372 | 36762.871 | 43567.82 | 28.223 | 29.626 | 27.201 | 1.02 |
| 9/7/2018 14:30 | 145800 | 68.983 | 16.838 | 155.39 | 36776.285 | 43568.188 | 28.225 | 29.626 | 27.191 | 1.02 |
| 9/7/2018 14:45 | 146700 | 68.973 | 16.839 | 155.368 | 36791.336 | 43584.973 | 28.237 | 29.638 | 27.18 | 1.02 |
| 9/7/2018 15:00 | 147600 | 68.968 | 16.834 | 155.357 | 36786.469 | 43583.977 | 28.236 | 29.637 | 27.184 | 1.02 |
| 9/7/2018 15:15 | 148500 | 68.97 | 16.827 | 155.363 | 36773.211 | 43575.82 | 28.229 | 29.632 | 27.194 | 1.02 |
| 9/7/2018 15:30 | 149400 | 68.972 | 16.822 | 155.366 | 36743.535 | 43545.168 | 28.207 | 29.611 | 27.216 | 1.02 |
| 9/7/2018 15:45 | 150300 | 68.968 | 16.845 | 155.357 | 36778.113 | 43563.934 | 28.222 | 29.623 | 27.19 | 1.02 |
| 9/7/2018 16:00 | 151200 | 68.968 | 16.832 | 155.357 | 36753.523 | 43547.117 | 28.209 | 29.612 | 27.208 | 1.02 |
| 9/7/2018 16:15 | 152100 | 68.962 | 16.829 | 155.344 | 36770.273 | 43570.176 | 28.226 | 29.628 | 27.196 | 1.02 |
| 9/7/2018 16:30 | 153000 | 68.968 | 16.828 | 155.357 | 36770.777 | 43571.555 | 28.222 | 29.629 | 27.196 | 1.02 |
| 9/7/2018 16:45 | 153900 | 68.982 | 16.841 | 155.389 | 36775.84 | 43564.535 | 28.226 | 29.624 | 27.192 | 1.02 |
| 9/7/2018 17:00 | 154800 | 68.965 | 16.829 | 155.351 | 36755.934 | 43553.355 | 28.213 | 29.616 | 27.206 | 1.02 |
| 9/7/2018 17:15 | 155700 | 68.968 | 16.831 | 155.357 | 36774.773 | 43573.766 | 28.228 | 29.63 | 27.193 | 1.02 |
| 9/7/2018 17:30 | 156600 | 68.962 | 16.839 | 155.344 | 36766.91 | 43556.293 | 28.216 | 29.618 | 27.198 | 1.02 |
| 9/7/2018 17:45 | 157500 | 68.973 | 16.833 | 155.368 | 36766.809 | 43561.902 | 28.22 | 29.622 | 27.198 | 1.02 |
| 9/7/2018 18:00 | 158400 | 68.971 | 16.839 | 155.363 | 36769.789 | 43560.059 | 28.219 | 29.621 | 27.196 | 1.02 |
| 9/7/2018 18:15 | 159300 | 68.968 | 16.839 | 155.357 | 36748.402 | 43534.02 | 28.2 | 29.603 | 27.212 | 1.02 |
| 9/7/2018 18:30 | 160200 | 68.976 | 16.836 | 155.376 | 36758.762 | 43549.766 | 28.211 | 29.614 | 27.204 | 1.02 |
| 9/7/2018 18:45 | 161100 | 68.975 | 16.846 | 155.374 | 36775.832 | 43559.746 | 28.219 | 29.621 | 27.192 | 1.02 |
| 9/7/2018 19:00 | 162000 | 68.984 | 16.831 | 155.394 | 36778.488 | 43577.82 | 28.231 | 29.633 | 27.19 | 1.02 |
| 9/7/2018 19:15 | 162900 | 68.985 | 16.836 | 155.395 | 36761.609 | 43553.313 | 28.214 | 29.616 | 27.202 | 1.02 |
| 9/7/2018 19:30 | 163800 | 68.983 | 16.842 | 155.392 | 36779.461 | 43567.699 | 28.224 | 29.626 | 27.189 | 1.02 |
| 9/7/2018 19:45 | 164700 | 68.994 | 16.839 | 155.416 | 36788.066 | 43581.711 | 28.234 | 29.636 | 27.183 | 1.02 |
| 9/7/2018 20:00 | 165600 | 68.992 | 16.838 | 155.411 | 36790.527 | 43584.969 | 28.237 | 29.638 | 27.181 | 1.02 |
| 9/7/2018 20:15 | 166500 | 68.996 | 16.849 | 155.42 | 36742.445 | 43517.859 | 28.189 | 29.592 | 27.216 | 1.02 |
| 9/7/2018 20:30 | 167400 | 68.998 | 16.828 | 155.424 | 36736.027 | 43530.285 | 28.197 | 29.601 | 27.221 | 1.02 |
| 9/7/2018 20:45 | 168300 | 69.007 | 16.831 | 155.446 | 36758.512 | 43553.809 | 28.214 | 29.617 | 27.205 | 1.02 |
| 9/7/2018 21:00 | 169200 | 69.008 | 16.831 | 155.448 | 36764.641 | 43561.762 | 28.22 | 29.622 | 27.2 | 1.02 |
| 9/7/2018 21:15 | 170100 | 69.02 | 16.836 | 155.474 | 36759.73 | 43550.824 | 28.212 | 29.615 | 27.204 | 1.02 |
| 9/7/2018 21:30 | 171000 | 69.023 | 16.826 | 155.48 | 36747.289 | 43545.977 | 28.208 | 29.611 | 27.213 | 1.02 |
| 9/7/2018 21:45 | 171900 | 69.024 | 16.833 | 155.483 | 36767.105 | 43562.863 | 28.22 | 29.623 | 27.198 | 1.02 |
| 9/7/2018 22:00 | 172800 | 69.027 | 16.832 | 155.489 | 36769.77 | 43566.621 | 28.223 | 29.625 | 27.196 | 1.02 |
| 9/7/2018 22:15 | 173700 | 69.034 | 16.832 | 155.506 | 36769.113 | 43565.672 | | | | |

| | | | | | | | | | | |
|----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/8/2018 20:30 | 253800 | 69.003 | 16.831 | 155.435 | 36772.086 | 43569.801 | 28.225 | 29.627 | 27.195 | 1.02 |
| 9/8/2018 20:45 | 254700 | 69.007 | 16.835 | 155.446 | 36775.953 | 43570.645 | 28.226 | 29.628 | 27.192 | 1.02 |
| 9/8/2018 21:00 | 255600 | 69.012 | 16.834 | 155.455 | 36768.844 | 43563.793 | 28.221 | 29.623 | 27.197 | 1.02 |
| 9/8/2018 21:15 | 256500 | 69.015 | 16.838 | 155.463 | 36770.273 | 43563.324 | 28.222 | 29.622 | 27.196 | 1.02 |
| 9/8/2018 21:30 | 257400 | 69.011 | 16.846 | 155.454 | 36761.438 | 43562.953 | 28.207 | 29.609 | 27.202 | 1.02 |
| 9/8/2018 21:45 | 258300 | 69.024 | 16.831 | 155.483 | 36778.586 | 43578.285 | 28.231 | 29.633 | 27.199 | 1.02 |
| 9/8/2018 22:00 | 259200 | 69.027 | 16.843 | 155.49 | 36754.91 | 43538.348 | 28.203 | 29.606 | 27.207 | 1.02 |
| 9/8/2018 22:15 | 260100 | 69.035 | 16.826 | 155.509 | 36758.555 | 43558.719 | 28.217 | 29.62 | 27.205 | 1.02 |
| 9/8/2018 22:30 | 261000 | 69.04 | 16.833 | 155.52 | 36747.75 | 43539.754 | 28.204 | 29.607 | 27.213 | 1.02 |
| 9/8/2018 22:45 | 261900 | 69.043 | 16.83 | 155.526 | 36748.191 | 43542.875 | 28.206 | 29.609 | 27.212 | 1.02 |
| 9/8/2018 23:00 | 262800 | 69.044 | 16.846 | 155.529 | 36780.941 | 43566.234 | 28.224 | 29.625 | 27.188 | 1.02 |
| 9/8/2018 23:15 | 263700 | 69.05 | 16.831 | 155.542 | 36768.199 | 43565.289 | 28.222 | 29.624 | 27.197 | 1.02 |
| 9/8/2018 23:30 | 264600 | 69.052 | 16.829 | 155.545 | 36752.207 | 43548.34 | 28.21 | 29.613 | 27.209 | 1.02 |
| 9/8/2018 23:45 | 265500 | 69.057 | 16.833 | 155.557 | 36769.02 | 43564.605 | 28.222 | 29.624 | 27.197 | 1.02 |
| 9/9/2018 0:00 | 266400 | 69.062 | 16.831 | 155.569 | 36770.563 | 43568.426 | 28.224 | 29.627 | 27.196 | 1.02 |
| 9/9/2018 0:15 | 267300 | 69.059 | 16.838 | 155.563 | 36776.496 | 43568.176 | 28.225 | 29.626 | 27.191 | 1.02 |
| 9/9/2018 0:30 | 268200 | 69.067 | 16.832 | 155.579 | 36777.543 | 43576.094 | 28.23 | 29.632 | 27.191 | 1.02 |
| 9/9/2018 0:45 | 269100 | 69.069 | 16.838 | 155.584 | 36774.336 | 43566.473 | 28.223 | 29.625 | 27.193 | 1.02 |
| 9/9/2018 1:00 | 270000 | 69.067 | 16.831 | 155.58 | 36753.477 | 43548.625 | 28.21 | 29.613 | 27.208 | 1.02 |
| 9/9/2018 1:15 | 270900 | 69.07 | 16.819 | 155.588 | 36766.805 | 43575.785 | 28.229 | 29.632 | 27.198 | 1.02 |
| 9/9/2018 1:30 | 271800 | 69.069 | 16.835 | 155.584 | 36764.547 | 43557.313 | 28.217 | 29.619 | 27.2 | 1.02 |
| 9/9/2018 1:45 | 272700 | 69.069 | 16.838 | 155.584 | 36770.379 | 43561.785 | 28.22 | 29.622 | 27.196 | 1.02 |
| 9/9/2018 2:00 | 273600 | 69.067 | 16.835 | 155.579 | 36756.953 | 43548.223 | 28.21 | 29.613 | 27.206 | 1.02 |
| 9/9/2018 2:15 | 274500 | 69.062 | 16.831 | 155.57 | 36773.242 | 43571.352 | 28.227 | 29.629 | 27.194 | 1.02 |
| 9/9/2018 2:30 | 275400 | 69.055 | 16.842 | 155.554 | 36794.277 | 43585.328 | 28.237 | 29.638 | 27.178 | 1.02 |
| 9/9/2018 2:45 | 276300 | 69.057 | 16.832 | 155.559 | 36719.039 | 43506.168 | 28.18 | 29.584 | 27.234 | 1.02 |
| 9/9/2018 3:00 | 277200 | 69.052 | 16.84 | 155.547 | 36758.313 | 43545.328 | 28.208 | 29.611 | 27.205 | 1.02 |
| 9/9/2018 3:15 | 278100 | 69.045 | 16.839 | 155.531 | 36754.906 | 43541.906 | 28.206 | 29.608 | 27.207 | 1.02 |
| 9/9/2018 3:30 | 279000 | 69.057 | 16.832 | 155.558 | 36742.324 | 43533.93 | 28.2 | 29.603 | 27.217 | 1.02 |
| 9/9/2018 3:45 | 279900 | 69.038 | 16.839 | 155.516 | 36753.688 | 43540.98 | 28.205 | 29.608 | 27.208 | 1.02 |
| 9/9/2018 4:00 | 280800 | 69.034 | 16.834 | 155.506 | 36767.387 | 43561.543 | 28.22 | 29.622 | 27.198 | 1.02 |
| 9/9/2018 4:15 | 281700 | 69.027 | 16.832 | 155.489 | 36764.961 | 43560.406 | 28.219 | 29.621 | 27.2 | 1.02 |
| 9/9/2018 4:30 | 282600 | 69.023 | 16.838 | 155.48 | 36754.973 | 43543.457 | 28.207 | 29.61 | 27.207 | 1.02 |
| 9/9/2018 4:45 | 283500 | 69.013 | 16.831 | 155.458 | 36783.012 | 43583.102 | 28.235 | 29.637 | 27.186 | 1.02 |
| 9/9/2018 5:00 | 284400 | 69.008 | 16.841 | 155.448 | 36793.508 | 43585.637 | 28.237 | 29.638 | 27.179 | 1.02 |
| 9/9/2018 5:15 | 285300 | 69.005 | 16.829 | 155.439 | 36752.105 | 43548.902 | 28.231 | 29.613 | 27.209 | 1.02 |
| 9/9/2018 5:30 | 286200 | 68.996 | 16.833 | 155.421 | 36769.289 | 43565.016 | 28.222 | 29.624 | 27.197 | 1.02 |
| 9/9/2018 5:45 | 287100 | 68.994 | 16.837 | 155.416 | 36773.91 | 43566.75 | 28.224 | 29.625 | 27.193 | 1.02 |
| 9/9/2018 6:00 | 288000 | 68.993 | 16.823 | 155.414 | 36749.188 | 43551.004 | 28.211 | 29.615 | 27.211 | 1.02 |
| 9/9/2018 6:15 | 288900 | 68.981 | 16.833 | 155.386 | 36743.508 | 43534.379 | 28.2 | 29.603 | 27.216 | 1.02 |
| 9/9/2018 6:30 | 289800 | 68.981 | 16.839 | 155.387 | 36745.484 | 43531.336 | 28.198 | 29.601 | 27.214 | 1.02 |
| 9/9/2018 6:45 | 290700 | 68.979 | 16.826 | 155.382 | 36753.66 | 43553.527 | 28.213 | 29.616 | 27.208 | 1.02 |
| 9/9/2018 7:00 | 291600 | 68.976 | 16.835 | 155.376 | 36762.43 | 43554.805 | 28.215 | 29.617 | 27.202 | 1.02 |
| 9/9/2018 7:15 | 292500 | 68.968 | 16.834 | 155.357 | 36763.414 | 43557.273 | 28.217 | 29.619 | 27.201 | 1.02 |
| 9/9/2018 7:30 | 293400 | 68.965 | 16.84 | 155.349 | 36765.926 | 43554.426 | 28.215 | 29.617 | 27.199 | 1.02 |
| 9/9/2018 7:45 | 294300 | 68.964 | 16.845 | 155.348 | 36764.09 | 43547.402 | 28.21 | 29.612 | 27.2 | 1.02 |
| 9/9/2018 8:00 | 295200 | 68.977 | 16.832 | 155.377 | 36793.59 | 43594.59 | 28.243 | 29.644 | 27.179 | 1.02 |
| 9/9/2018 8:15 | 296100 | 68.955 | 16.836 | 155.328 | 36783.066 | 43577.953 | 28.232 | 29.633 | 27.186 | 1.02 |
| 9/9/2018 8:30 | 297000 | 68.958 | 16.848 | 155.334 | 36780.555 | 43563.348 | 28.222 | 29.623 | 27.188 | 1.02 |
| 9/9/2018 8:45 | 297900 | 68.961 | 16.83 | 155.342 | 36737.977 | 43530.52 | 28.197 | 29.601 | 27.22 | 1.02 |
| 9/9/2018 9:00 | 298800 | 68.963 | 16.832 | 155.346 | 36763.59 | 43558.781 | 28.218 | 29.62 | 27.201 | 1.02 |
| 9/9/2018 9:15 | 299700 | 68.962 | 16.84 | 155.344 | 36787.949 | 43580.176 | 28.233 | 29.635 | 27.183 | 1.02 |
| 9/9/2018 9:30 | 300600 | 68.971 | 16.84 | 155.365 | 36784.344 | 43575.734 | 28.23 | 29.632 | 27.185 | 1.02 |
| 9/9/2018 9:45 | 301500 | 68.965 | 16.827 | 155.349 | 36766.488 | 43567.684 | 28.224 | 29.626 | 27.199 | 1.02 |
| 9/9/2018 10:00 | 302400 | 68.971 | 16.846 | 155.363 | 36776.52 | 43570.977 | 28.226 | 29.628 | 27.191 | 1.02 |
| 9/9/2018 10:15 | 303300 | 68.97 | 16.844 | 155.362 | 36791.191 | 43580.371 | 28.234 | 29.635 | 27.18 | 1.02 |
| 9/9/2018 10:30 | 304200 | 68.976 | 16.836 | 155.375 | 36767.148 | 43559.875 | 28.218 | 29.621 | 27.198 | 1.02 |
| 9/9/2018 10:45 | 305100 | 68.976 | 16.836 | 155.376 | 36745.66 | 43534.07 | 28.2 | 29.603 | 27.214 | 1.02 |
| 9/9/2018 11:00 | 306000 | 68.987 | 16.831 | 155.401 | 36766.734 | 43564.063 | 28.221 | 29.624 | 27.198 | 1.02 |
| 9/9/2018 11:15 | 306900 | 68.989 | 16.83 | 155.405 | 36759.535 | 43556.414 | 28.216 | 29.618 | 27.204 | 1.02 |
| 9/9/2018 11:30 | 307800 | 68.998 | 16.827 | 155.424 | 36763.914 | 43564.203 | 28.221 | 29.624 | 27.201 | 1.02 |
| 9/9/2018 11:45 | 308700 | 68.992 | 16.829 | 155.412 | 36761.254 | 43559.488 | 28.218 | 29.62 | 27.203 | 1.02 |
| 9/9/2018 12:00 | 309600 | 68.997 | 16.836 | 155.423 | 36783.012 | 43578.496 | 28.232 | 29.633 | 27.186 | 1.02 |
| 9/9/2018 12:15 | 310500 | 69.003 | 16.843 | 155.436 | 36774.113 | 43560.922 | 28.22 | 29.621 | 27.193 | 1.02 |
| 9/9/2018 12:30 | 311400 | 69.007 | 16.839 | 155.444 | 36760.582 | 43549.223 | 28.211 | 29.613 | 27.203 | 1.02 |
| 9/9/2018 12:45 | 312300 | 69.007 | 16.837 | 155.445 | 36768.199 | 43559.641 | 28.218 | 29.621 | 27.197 | 1.02 |
| 9/9/2018 13:00 | 313200 | 69.014 | 16.83 | 155.46 | 36750.023 | 43544.879 | 28.207 | 29.611 | 27.211 | 1.02 |
| 9/9/2018 13:15 | 314100 | 69.02 | 16.827 | 155.474 | 36770 | 43572.016 | 28.227 | 29.629 | 27.196 | 1.02 |
| 9/9/2018 13:30 | 315000 | 69.02 | 16.841 | 155.474 | 36771.242 | 43558.996 | 28.218 | 29.62 | 27.195 | 1.02 |
| 9/9/2018 13:45 | 315900 | 69.023 | 16.854 | 155.482 | 36787.371 | 43565.266 | 28.223 | 29.624 | 27.183 | 1.02 |
| 9/9/2018 14:00 | 316800 | 69.027 | 16.828 | 155.49 | 36758.98 | 43557.484 | 28.216 | 29.619 | 27.204 | 1.02 |
| 9/9/2018 14:15 | 317700 | 69.024 | 16.845 | 155.483 | 36779.457 | 43565.25 | 28.223 | 29.624 | 27.189 | 1.02 |
| 9/9/2018 14:30 | 318600 | 69.029 | 16.843 | 155.494 | 36762.465 | 43547.035 | 28.21 | 29.612 | 27.202 | 1.02 |
| 9/9/2018 14:45 | 319500 | 69.026 | 16.838 | 155.489 | 36756.621 | 43544.711 | 28.208 | 29.61 | 27.206 | 1.02 |
| 9/9/2018 15:00 | 320400 | 69.03 | 16.831 | 155.498 | 36765.313 | 43562.129 | 28.22 | 29.622 | 27.2 | 1.02 |
| 9/9/2018 15:15 | 321300 | 69.034 | 16.827 | 155.506 | 36769.008 | 43570.414 | 28.226 | 29.628 | 27.197 | 1.02 |
| 9/9/2018 15:30 | 322200 | 69.029 | 16.827 | 155.495 | 36783.105 | 43587.723 | 28.238 | 29.64 | 27.186 | 1.02 |
| 9/9/2018 15:45 | 323100 | 69.029 | 16.821 | 155.495 | 36742.645 | 43545.16 | 28.207 | 29.611 | 27.216 | 1.02 |
| 9/9/2018 16:00 | 324000 | 69.029 | 16.837 | 155.495 | 36772.883 | 43565.621 | 28.223 | 29.625 | 27.194 | 1.02 |
| 9/9/2018 16:15 | 324900 | 69.027 | 16.833 | 155.489 | 36762.516 | 43556.551 | 28.216 | 29.618 | 27.202 | 1.02 |
| 9/9/2018 16:30 | 325800 | 69.029 | 16.831 | 155.494 | 36781.637 | 43581.551 | 28.234 | 29.635 | 27.187 | 1.02 |
| 9/9/2018 16:45 | 326700 | 69.029 | 16.831 | 155.494 | 36779.285 | 43579.207 | 28.232 | 29.634 | 27.189 | 1.02 |
| 9/9/2018 17:00 | 327600 | 69.02 | 16.841 | 155.474 | 36791.336 | 43583.234 | 28.236 | 29.637 | 27.18 | 1.02 |
| 9/9/2018 17:15 | 328500 | 69.018 | 16.841 | 155.47 | 36766.727 | 43554.254 | 28.215 | 29.617 | 27.199 | 1.02 |
| 9/9/2018 17:30 | 329400 | 69.018 | 16.833 | 155.47 | 36742.766 | 43533.672 | 28.2 | 29.603 | 27.216 | 1.02 |
| 9/9/2018 17:45 | 330300 | 69.016 | 16.833 | 155.464 | 36767.734 | 43563.082 | 28.221 | 29.623 | 27.198 | 1.02 |
| 9/9/2018 18:00 | 331200 | 69.02 | 16.825 | 155.474 | 36753.043 | 43553.75 | 28.214 | 29.617 | 27.209 | 1.02 |
| 9/9/2018 18:15 | 332100 | 69.014 | 16.844 | 155.462 | 36770.883 | 43556.148 | 28.216 | 29.618 | 27.195 | 1.02 |
| 9/9/2018 18:30 | 333000 | 69.032 | 16.834 | 155.501 | 36770.152 | 43565.254 | 28.222 | 29.624 | 27.196 | 1.02 |
| 9/9/2018 18:45 | 333900 | 69.017 | 16.834 | 155.467 | 36737.539 | 43526.703 | 28.195 | | | |

| | | | | | | | | | | |
|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/10/2018 17:00 | 414000 | 69.109 | 16.832 | 155.675 | 36748.238 | 43540.68 | 28.205 | 29.608 | 27.212 | 1.02 |
| 9/10/2018 17:15 | 414900 | 69.109 | 16.829 | 155.675 | 36747.289 | 43542.414 | 28.206 | 29.609 | 27.213 | 1.02 |
| 9/10/2018 17:30 | 415800 | 69.111 | 16.836 | 155.677 | 36781.879 | 43576.457 | 28.223 | 29.632 | 27.187 | 1.02 |
| 9/10/2018 17:45 | 416700 | 69.103 | 16.832 | 155.661 | 36775.895 | 43573.359 | 28.228 | 29.633 | 27.187 | 1.02 |
| 9/10/2018 18:00 | 417600 | 69.102 | 16.834 | 155.659 | 36763.625 | 43557.348 | 28.227 | 29.631 | 27.201 | 1.02 |
| 9/10/2018 18:15 | 418500 | 69.102 | 16.831 | 155.666 | 36762.176 | 43558.934 | 28.218 | 29.629 | 27.202 | 1.02 |
| 9/10/2018 18:30 | 419400 | 69.099 | 16.832 | 155.651 | 36779.965 | 43578.781 | 28.232 | 29.634 | 27.189 | 1.02 |
| 9/10/2018 18:45 | 420300 | 69.093 | 16.834 | 155.638 | 36774.18 | 43569.5 | 28.225 | 29.627 | 27.193 | 1.02 |
| 9/10/2018 19:00 | 421200 | 69.096 | 16.83 | 155.647 | 36779.813 | 43580.777 | 28.233 | 29.635 | 27.189 | 1.02 |
| 9/10/2018 19:15 | 422100 | 69.091 | 16.832 | 155.634 | 36768.715 | 43565.723 | 28.222 | 29.625 | 27.197 | 1.02 |
| 9/10/2018 19:30 | 423000 | 69.091 | 16.834 | 155.635 | 36772.52 | 43567.883 | 28.224 | 29.626 | 27.194 | 1.02 |
| 9/10/2018 19:45 | 423900 | 69.087 | 16.831 | 155.626 | 36753.078 | 43547.883 | 28.211 | 29.613 | 27.209 | 1.02 |
| 9/10/2018 20:00 | 424800 | 69.091 | 16.827 | 155.634 | 36780.293 | 43584.215 | 28.236 | 29.637 | 27.188 | 1.02 |
| 9/10/2018 20:15 | 425700 | 69.087 | 16.833 | 155.626 | 36753.902 | 43556.844 | 28.216 | 29.619 | 27.208 | 1.02 |
| 9/10/2018 20:30 | 426600 | 69.09 | 16.838 | 155.632 | 36785.957 | 43547.832 | 28.21 | 29.613 | 27.204 | 1.02 |
| 9/10/2018 20:45 | 427500 | 69.09 | 16.834 | 155.633 | 36750.047 | 43541.18 | 28.205 | 29.608 | 27.211 | 1.02 |
| 9/10/2018 21:00 | 428400 | 69.086 | 16.848 | 155.624 | 36792.258 | 43577.211 | 28.232 | 29.633 | 27.18 | 1.02 |
| 9/10/2018 21:15 | 429300 | 69.091 | 16.826 | 155.635 | 36769.379 | 43571.891 | 28.227 | 29.629 | 27.197 | 1.02 |
| 9/10/2018 21:30 | 430200 | 69.092 | 16.838 | 155.636 | 36762.605 | 43552.5 | 28.213 | 29.616 | 27.202 | 1.02 |
| 9/10/2018 21:45 | 431100 | 69.091 | 16.833 | 155.634 | 36772.762 | 43569.211 | 28.225 | 29.627 | 27.194 | 1.02 |
| 9/10/2018 22:00 | 432000 | 69.097 | 16.835 | 155.647 | 36780.094 | 43575.906 | 28.23 | 29.632 | 27.189 | 1.02 |
| 9/10/2018 22:15 | 432900 | 69.096 | 16.833 | 155.647 | 36769.129 | 43564.996 | 28.222 | 29.624 | 27.197 | 1.02 |
| 9/10/2018 22:30 | 433800 | 69.104 | 16.835 | 155.663 | 36784.586 | 43581.496 | 28.234 | 29.635 | 27.185 | 1.02 |
| 9/10/2018 22:45 | 434700 | 69.11 | 16.844 | 155.677 | 36777.086 | 43563.496 | 28.222 | 29.623 | 27.191 | 1.02 |
| 9/10/2018 23:00 | 435600 | 69.107 | 16.836 | 155.67 | 36744.426 | 43532.867 | 28.199 | 29.602 | 27.215 | 1.02 |
| 9/10/2018 23:15 | 436500 | 69.114 | 16.834 | 155.685 | 36768.23 | 43562.285 | 28.22 | 29.622 | 27.197 | 1.02 |
| 9/10/2018 23:30 | 437400 | 69.12 | 16.831 | 155.699 | 36776.941 | 43575.648 | 28.23 | 29.631 | 27.191 | 1.02 |
| 9/10/2018 23:45 | 438300 | 69.123 | 16.831 | 155.705 | 36781.77 | 43581.879 | 28.234 | 29.636 | 27.187 | 1.02 |
| 9/11/2018 0:00 | 439200 | 69.124 | 16.827 | 155.709 | 36770.5 | 43572.438 | 28.227 | 29.629 | 27.196 | 1.02 |
| 9/11/2018 0:15 | 440100 | 69.125 | 16.83 | 155.712 | 36782.902 | 43583.93 | 28.235 | 29.637 | 27.187 | 1.02 |
| 9/11/2018 0:30 | 441000 | 69.133 | 16.844 | 155.73 | 36788.5 | 43576.492 | 28.231 | 29.632 | 27.182 | 1.02 |
| 9/11/2018 0:45 | 441900 | 69.139 | 16.829 | 155.742 | 36761.863 | 43559.953 | 28.218 | 29.621 | 27.202 | 1.02 |
| 9/11/2018 1:00 | 442800 | 69.141 | 16.839 | 155.746 | 36759.934 | 43548.027 | 28.21 | 29.613 | 27.204 | 1.02 |
| 9/11/2018 1:15 | 443700 | 69.14 | 16.833 | 155.745 | 36786.309 | 43585.441 | 28.237 | 29.638 | 27.184 | 1.02 |
| 9/11/2018 1:30 | 444600 | 69.148 | 16.838 | 155.762 | 36787.852 | 43582.484 | 28.235 | 29.636 | 27.183 | 1.02 |
| 9/11/2018 1:45 | 445500 | 69.155 | 16.831 | 155.778 | 36783.938 | 43584.109 | 28.236 | 29.637 | 27.186 | 1.02 |
| 9/11/2018 2:00 | 446400 | 69.156 | 16.845 | 155.78 | 36764.5 | 43547.453 | 28.21 | 29.612 | 27.2 | 1.02 |
| 9/11/2018 2:15 | 447300 | 69.158 | 16.836 | 155.785 | 36763.23 | 43554.887 | 28.215 | 29.617 | 27.201 | 1.02 |
| 9/11/2018 2:30 | 448200 | 69.156 | 16.835 | 155.78 | 36770.59 | 43564.734 | 28.222 | 29.624 | 27.196 | 1.02 |
| 9/11/2018 2:45 | 449100 | 69.159 | 16.831 | 155.787 | 36766.871 | 43563.621 | 28.221 | 29.623 | 27.198 | 1.02 |
| 9/11/2018 3:00 | 450000 | 69.156 | 16.841 | 155.78 | 36793.836 | 43585.852 | 28.237 | 29.638 | 27.178 | 1.02 |
| 9/11/2018 3:15 | 450900 | 69.16 | 16.83 | 155.79 | 36761.188 | 43557.93 | 28.217 | 29.619 | 27.203 | 1.02 |
| 9/11/2018 3:30 | 451800 | 69.159 | 16.832 | 155.787 | 36752.559 | 43545.883 | 28.208 | 29.611 | 27.209 | 1.02 |
| 9/11/2018 3:45 | 452700 | 69.159 | 16.829 | 155.787 | 36760.957 | 43558.609 | 28.217 | 29.62 | 27.203 | 1.02 |
| 9/11/2018 4:00 | 453600 | 69.16 | 16.828 | 155.79 | 36781.77 | 43584.406 | 28.236 | 29.637 | 27.187 | 1.02 |
| 9/11/2018 4:15 | 454500 | 69.151 | 16.834 | 155.77 | 36750.633 | 43541.875 | 28.205 | 29.608 | 27.221 | 1.02 |
| 9/11/2018 4:30 | 455400 | 69.154 | 16.832 | 155.775 | 36754.508 | 43548.719 | 28.21 | 29.613 | 27.208 | 1.02 |
| 9/11/2018 4:45 | 456300 | 69.151 | 16.838 | 155.768 | 36765.199 | 43555.129 | 28.215 | 29.617 | 27.2 | 1.02 |
| 9/11/2018 5:00 | 457200 | 69.145 | 16.839 | 155.757 | 36764.309 | 43553.211 | 28.214 | 29.616 | 27.2 | 1.02 |
| 9/11/2018 5:15 | 458100 | 69.16 | 16.833 | 155.79 | 36756.68 | 43549.727 | 28.211 | 29.614 | 27.206 | 1.02 |
| 9/11/2018 5:30 | 459000 | 69.139 | 16.824 | 155.742 | 36743.141 | 43542.535 | 28.205 | 29.609 | 27.216 | 1.02 |
| 9/11/2018 5:45 | 459900 | 69.134 | 16.843 | 155.732 | 36774.211 | 43560.773 | 28.22 | 29.621 | 27.193 | 1.02 |
| 9/11/2018 6:00 | 460800 | 69.13 | 16.835 | 155.723 | 36763.48 | 43555.867 | 28.216 | 29.618 | 27.201 | 1.02 |
| 9/11/2018 6:15 | 461700 | 69.128 | 16.832 | 155.717 | 36739.949 | 43531.371 | 28.198 | 29.601 | 27.218 | 1.02 |
| 9/11/2018 6:30 | 462600 | 69.129 | 16.826 | 155.721 | 36749.238 | 43548.023 | 28.209 | 29.613 | 27.211 | 1.02 |
| 9/11/2018 6:45 | 463500 | 69.122 | 16.828 | 155.704 | 36753.406 | 43551.57 | 28.212 | 29.615 | 27.208 | 1.02 |
| 9/11/2018 7:00 | 464400 | 69.115 | 16.829 | 155.688 | 36787.84 | 43591.16 | 28.241 | 29.642 | 27.183 | 1.02 |
| 9/11/2018 7:15 | 465300 | 69.109 | 16.833 | 155.675 | 36780.043 | 43577.5 | 28.231 | 29.633 | 27.189 | 1.02 |
| 9/11/2018 7:30 | 466200 | 69.104 | 16.843 | 155.663 | 36777.441 | 43565.125 | 28.223 | 29.624 | 27.191 | 1.02 |
| 9/11/2018 7:45 | 467100 | 69.104 | 16.823 | 155.664 | 36756.953 | 43560.207 | 28.218 | 29.621 | 27.206 | 1.02 |
| 9/11/2018 8:00 | 468000 | 69.104 | 16.827 | 155.664 | 36762.191 | 43562.164 | 28.22 | 29.622 | 27.202 | 1.02 |
| 9/11/2018 8:15 | 468900 | 69.097 | 16.834 | 155.649 | 36790.004 | 43588.863 | 28.239 | 29.64 | 27.181 | 1.02 |
| 9/11/2018 8:30 | 469800 | 69.092 | 16.841 | 155.637 | 36780.395 | 43570.445 | 28.226 | 29.628 | 27.188 | 1.02 |
| 9/11/2018 8:45 | 470700 | 69.094 | 16.847 | 155.641 | 36776.02 | 43558.664 | 28.218 | 29.62 | 27.192 | 1.02 |
| 9/11/2018 9:00 | 471600 | 69.091 | 16.832 | 155.634 | 36781.582 | 43580.359 | 28.233 | 29.635 | 27.188 | 1.02 |
| 9/11/2018 9:15 | 472500 | 69.091 | 16.849 | 155.635 | 36767.27 | 43546.395 | 28.21 | 29.612 | 27.198 | 1.02 |
| 9/11/2018 9:30 | 473400 | 69.092 | 16.836 | 155.636 | 36788.816 | 43585.547 | 28.237 | 29.638 | 27.182 | 1.02 |
| 9/11/2018 9:45 | 474300 | 69.097 | 16.834 | 155.647 | 36777.016 | 43573.293 | 28.228 | 29.63 | 27.191 | 1.02 |
| 9/11/2018 10:00 | 475200 | 69.094 | 16.83 | 155.641 | 36784.859 | 43585.891 | 28.237 | 29.638 | 27.185 | 1.02 |
| 9/11/2018 10:15 | 476100 | 69.092 | 16.836 | 155.637 | 36765.723 | 43558.27 | 28.217 | 29.62 | 27.199 | 1.02 |
| 9/11/2018 10:30 | 477000 | 69.098 | 16.836 | 155.651 | 36756.438 | 43546.84 | 28.209 | 29.612 | 27.206 | 1.02 |
| 9/11/2018 10:45 | 477900 | 69.098 | 16.83 | 155.651 | 36746.035 | 43540.59 | 28.204 | 29.608 | 27.214 | 1.02 |
| 9/11/2018 11:00 | 478800 | 69.1 | 16.839 | 155.654 | 36750.512 | 43536.699 | 28.202 | 29.605 | 27.211 | 1.02 |
| 9/11/2018 11:15 | 479700 | 69.104 | 16.835 | 155.663 | 36766.445 | 43559.379 | 28.218 | 29.62 | 27.199 | 1.02 |
| 9/11/2018 11:30 | 480600 | 69.102 | 16.83 | 155.659 | 36760.527 | 43557.844 | 28.217 | 29.619 | 27.203 | 1.02 |
| 9/11/2018 11:45 | 481500 | 69.115 | 16.829 | 155.688 | 36756.77 | 43554.09 | 28.214 | 29.617 | 27.206 | 1.02 |
| 9/11/2018 12:00 | 482400 | 69.119 | 16.838 | 155.698 | 36792.605 | 43587.695 | 28.239 | 29.64 | 27.179 | 1.02 |
| 9/11/2018 12:15 | 483300 | 69.122 | 16.83 | 155.705 | 36781.766 | 43582.313 | 28.234 | 29.636 | 27.187 | 1.02 |
| 9/11/2018 12:30 | 484200 | 69.128 | 16.835 | 155.717 | 36755.168 | 43546.547 | 28.209 | 29.612 | 27.207 | 1.02 |
| 9/11/2018 12:45 | 485100 | 69.124 | 16.829 | 155.709 | 36764.477 | 43563.477 | 28.221 | 29.623 | 27.2 | 1.02 |
| 9/11/2018 13:00 | 486000 | 69.138 | 16.827 | 155.739 | 36757.582 | 43556.781 | 28.216 | 29.619 | 27.205 | 1.02 |
| 9/11/2018 13:15 | 486900 | 69.134 | 16.839 | 155.732 | 36761.57 | 43550.145 | 28.212 | 29.614 | 27.202 | 1.02 |
| 9/11/2018 13:30 | 487800 | 69.141 | 16.828 | 155.746 | 36775.254 | 43577.031 | 28.23 | 29.632 | 27.192 | 1.02 |
| 9/11/2018 13:45 | 488700 | 69.145 | 16.84 | 155.756 | 36750.027 | 43534.816 | 28.201 | 29.604 | 27.211 | 1.02 |
| 9/11/2018 14:00 | 489600 | 69.151 | 16.831 | 155.768 | 36757.789 | 43553.293 | 28.214 | 29.616 | 27.205 | 1.02 |
| 9/11/2018 14:15 | 490500 | 69.155 | 16.827 | 155.779 | 36757.539 | 43556.559 | 28.216 | 29.618 | 27.205 | 1.02 |
| 9/11/2018 14:30 | 491400 | 69.156 | 16.828 | 155.78 | 36768.867 | 43569.199 | 28.225 | 29.627 | 27.197 | 1.02 |
| 9/11/2018 14:45 | 492300 | 69.156 | 16.839 | 155.78 | 36756.504 | 43544.047 | 28.207 | 29.61 | 27.206 | 1.02 |
| 9/11/2018 15:00 | 493200 | 69.156 | 16.835 | 155.781 | 36775.5 | 43569.953 | 28.226 | 29.628 | 27.192 | 1.02 |
| 9/11/2018 15:15 | | | | | | | | | | |

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|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/12/2018 13:30 | 574200 | 69.138 | 16.837 | 155.739 | 36766.793 | 43558.07 | 28.217 | 29.619 | 27.198 | 1.02 |
| 9/12/2018 13:45 | 575100 | 69.144 | 16.825 | 155.754 | 36745.453 | 43544.582 | 28.207 | 29.61 | 27.214 | 1.02 |
| 9/12/2018 14:00 | 576000 | 69.149 | 16.834 | 155.765 | 36771.199 | 43566.402 | 28.223 | 29.625 | 27.195 | 1.02 |
| 9/12/2018 14:15 | 576900 | 69.151 | 16.831 | 155.77 | 36753.074 | 43547.629 | 28.209 | 29.612 | 27.209 | 1.02 |
| 9/12/2018 14:30 | 577800 | 69.156 | 16.84 | 155.78 | 36732.934 | 43514.75 | 28.186 | 29.59 | 27.204 | 1.02 |
| 9/12/2018 14:45 | 578700 | 69.156 | 16.823 | 155.781 | 36752.914 | 43555.336 | 28.215 | 29.618 | 27.209 | 1.02 |
| 9/12/2018 15:00 | 579600 | 69.165 | 16.835 | 155.801 | 36769.598 | 43563.297 | 28.221 | 29.623 | 27.196 | 1.02 |
| 9/12/2018 15:15 | 580500 | 69.167 | 16.837 | 155.804 | 36763.613 | 43554.031 | 28.214 | 29.617 | 27.201 | 1.02 |
| 9/12/2018 15:30 | 581400 | 69.165 | 16.832 | 155.801 | 36756.258 | 43550.695 | 28.212 | 29.614 | 27.206 | 1.02 |
| 9/12/2018 15:45 | 582300 | 69.17 | 16.826 | 155.811 | 36756.258 | 43556.086 | 28.215 | 29.618 | 27.206 | 1.02 |
| 9/12/2018 16:00 | 583200 | 69.171 | 16.832 | 155.813 | 36781.039 | 43580.328 | 28.233 | 29.635 | 27.188 | 1.02 |
| 9/12/2018 16:15 | 584100 | 69.174 | 16.826 | 155.821 | 36743.176 | 43540.668 | 28.204 | 29.608 | 27.216 | 1.02 |
| 9/12/2018 16:30 | 585000 | 69.164 | 16.837 | 155.798 | 36778.012 | 43570.926 | 28.227 | 29.628 | 27.19 | 1.02 |
| 9/12/2018 16:45 | 585900 | 69.17 | 16.831 | 155.811 | 36762.305 | 43558.211 | 28.217 | 29.62 | 27.202 | 1.02 |
| 9/12/2018 17:00 | 586800 | 69.166 | 16.831 | 155.804 | 36780.012 | 43579.973 | 28.233 | 29.634 | 27.189 | 1.02 |
| 9/12/2018 17:15 | 587700 | 69.171 | 16.823 | 155.816 | 36745.574 | 43547.074 | 28.209 | 29.612 | 27.214 | 1.02 |
| 9/12/2018 17:30 | 588600 | 69.165 | 16.831 | 155.801 | 36756.48 | 43551.402 | 28.212 | 29.615 | 27.206 | 1.02 |
| 9/12/2018 17:45 | 589500 | 69.16 | 16.841 | 155.789 | 36795.156 | 43588.105 | 28.239 | 29.64 | 27.177 | 1.02 |
| 9/12/2018 18:00 | 590400 | 69.164 | 16.831 | 155.798 | 36766.484 | 43564.039 | 28.221 | 29.624 | 27.199 | 1.02 |
| 9/12/2018 18:15 | 591300 | 69.165 | 16.83 | 155.801 | 36771.883 | 43570.871 | 28.226 | 29.628 | 27.195 | 1.02 |
| 9/12/2018 18:30 | 592200 | 69.158 | 16.832 | 155.786 | 36756.305 | 43551.02 | 28.212 | 29.615 | 27.206 | 1.02 |
| 9/12/2018 18:45 | 593100 | 69.151 | 16.834 | 155.769 | 36754.781 | 43546.352 | 28.209 | 29.612 | 27.207 | 1.02 |
| 9/12/2018 19:00 | 594000 | 69.148 | 16.837 | 155.762 | 36766.219 | 43557.391 | 28.217 | 29.619 | 27.199 | 1.02 |
| 9/12/2018 19:15 | 594900 | 69.142 | 16.828 | 155.749 | 36741.262 | 43536.832 | 28.202 | 29.605 | 27.217 | 1.02 |
| 9/12/2018 19:30 | 595800 | 69.144 | 16.834 | 155.754 | 36754.34 | 43546.52 | 28.209 | 29.612 | 27.208 | 1.02 |
| 9/12/2018 19:45 | 596700 | 69.136 | 16.83 | 155.736 | 36768.352 | 43566.512 | 28.223 | 29.625 | 27.197 | 1.02 |
| 9/12/2018 20:00 | 597600 | 69.138 | 16.832 | 155.739 | 36747.84 | 43540.559 | 28.204 | 29.608 | 27.212 | 1.02 |
| 9/12/2018 20:15 | 598500 | 69.127 | 16.815 | 155.715 | 36763.734 | 43576.223 | 28.229 | 29.632 | 27.201 | 1.02 |
| 9/12/2018 20:30 | 599400 | 69.125 | 16.833 | 155.711 | 36778.203 | 43575.746 | 28.23 | 29.632 | 27.19 | 1.02 |
| 9/12/2018 20:45 | 600300 | 69.123 | 16.83 | 155.706 | 36758.313 | 43555.219 | 28.215 | 29.618 | 27.205 | 1.02 |
| 9/12/2018 21:00 | 601200 | 69.114 | 16.836 | 155.686 | 36759.188 | 43550.27 | 28.212 | 29.614 | 27.204 | 1.02 |
| 9/12/2018 21:15 | 602100 | 69.13 | 16.837 | 155.722 | 36771.633 | 43563.371 | 28.221 | 29.623 | 27.195 | 1.02 |
| 9/12/2018 21:30 | 603000 | 69.112 | 16.837 | 155.682 | 36777.043 | 43569.781 | 28.226 | 29.627 | 27.191 | 1.02 |
| 9/12/2018 21:45 | 603900 | 69.113 | 16.83 | 155.683 | 36768.957 | 43567.578 | 28.224 | 29.626 | 27.197 | 1.02 |
| 9/12/2018 22:00 | 604800 | 69.107 | 16.841 | 155.671 | 36776.48 | 43565.98 | 28.223 | 29.625 | 27.191 | 1.02 |
| 9/12/2018 22:15 | 605700 | 69.102 | 16.838 | 155.659 | 36771.617 | 43562.832 | 28.221 | 29.623 | 27.195 | 1.02 |
| 9/12/2018 22:30 | 606600 | 69.11 | 16.831 | 155.677 | 36750.305 | 43543.992 | 28.207 | 29.61 | 27.211 | 1.02 |
| 9/12/2018 22:45 | 607500 | 69.099 | 16.834 | 155.651 | 36785.539 | 43583.137 | 28.235 | 29.637 | 27.185 | 1.02 |
| 9/12/2018 23:00 | 608400 | 69.104 | 16.842 | 155.664 | 36781.234 | 43569.879 | 28.226 | 29.628 | 27.188 | 1.02 |
| 9/12/2018 23:15 | 609300 | 69.102 | 16.833 | 155.659 | 36767.141 | 43562.121 | 28.22 | 29.622 | 27.198 | 1.02 |
| 9/12/2018 23:30 | 610200 | 69.101 | 16.839 | 155.657 | 36756.41 | 43544.281 | 28.207 | 29.61 | 27.206 | 1.02 |
| 9/12/2018 23:45 | 611100 | 69.107 | 16.832 | 155.671 | 36763.734 | 43559.734 | 28.218 | 29.621 | 27.201 | 1.02 |
| 9/13/2018 0:00 | 612000 | 69.104 | 16.834 | 155.663 | 36769.852 | 43564.809 | 28.222 | 29.624 | 27.196 | 1.02 |
| 9/13/2018 0:15 | 612900 | 69.107 | 16.828 | 155.67 | 36774.543 | 43575.66 | 28.229 | 29.631 | 27.193 | 1.02 |
| 9/13/2018 0:30 | 613800 | 69.104 | 16.831 | 155.663 | 36743.645 | 43536.102 | 28.201 | 29.605 | 27.216 | 1.02 |
| 9/13/2018 0:45 | 614700 | 69.114 | 16.823 | 155.687 | 36754.984 | 43558.227 | 28.217 | 29.62 | 27.207 | 1.02 |
| 9/13/2018 1:00 | 615600 | 69.114 | 16.827 | 155.687 | 36770.652 | 43572.445 | 28.227 | 29.629 | 27.196 | 1.02 |
| 9/13/2018 1:15 | 616500 | 69.114 | 16.836 | 155.687 | 36765.02 | 43557.004 | 28.216 | 29.619 | 27.2 | 1.02 |
| 9/13/2018 1:30 | 617400 | 69.12 | 16.829 | 155.699 | 36760.758 | 43558.473 | 28.217 | 29.62 | 27.203 | 1.02 |
| 9/13/2018 1:45 | 618300 | 69.122 | 16.825 | 155.704 | 36779.922 | 43585.168 | 28.236 | 29.638 | 27.189 | 1.02 |
| 9/13/2018 2:00 | 619200 | 69.119 | 16.848 | 155.698 | 36779.75 | 43562.742 | 28.221 | 29.623 | 27.189 | 1.02 |
| 9/13/2018 2:15 | 620100 | 69.129 | 16.829 | 155.721 | 36749.273 | 43545.375 | 28.208 | 29.611 | 27.211 | 1.02 |
| 9/13/2018 2:30 | 621000 | 69.127 | 16.828 | 155.715 | 36773.156 | 43574.375 | 28.229 | 29.631 | 27.194 | 1.02 |
| 9/13/2018 2:45 | 621900 | 69.13 | 16.833 | 155.723 | 36770.602 | 43566.57 | 28.223 | 29.625 | 27.196 | 1.02 |
| 9/13/2018 3:00 | 622800 | 69.13 | 16.825 | 155.722 | 36781.52 | 43587.578 | 28.238 | 29.64 | 27.188 | 1.02 |
| 9/13/2018 3:15 | 623700 | 69.134 | 16.83 | 155.732 | 36760.621 | 43557.699 | 28.217 | 29.619 | 27.203 | 1.02 |
| 9/13/2018 3:30 | 624600 | 69.133 | 16.84 | 155.73 | 36768.852 | 43557.727 | 28.217 | 29.619 | 27.197 | 1.02 |
| 9/13/2018 3:45 | 625500 | 69.135 | 16.833 | 155.733 | 36774.984 | 43571.59 | 28.227 | 29.629 | 27.192 | 1.02 |
| 9/13/2018 4:00 | 626400 | 69.139 | 16.846 | 155.742 | 36771.371 | 43554.988 | 28.216 | 29.617 | 27.195 | 1.02 |
| 9/13/2018 4:15 | 627300 | 69.141 | 16.833 | 155.746 | 36769.172 | 43564.621 | 28.222 | 29.624 | 27.197 | 1.02 |
| 9/13/2018 4:30 | 628200 | 69.139 | 16.837 | 155.743 | 36776.285 | 43569.316 | 28.225 | 29.627 | 27.191 | 1.02 |
| 9/13/2018 4:45 | 629100 | 69.141 | 16.839 | 155.746 | 36783.078 | 43575.875 | 28.23 | 29.632 | 27.186 | 1.02 |
| 9/13/2018 5:00 | 630000 | 69.141 | 16.835 | 155.746 | 36723.617 | 43508.992 | 28.182 | 29.586 | 27.23 | 1.02 |
| 9/13/2018 5:15 | 630900 | 69.137 | 16.827 | 155.737 | 36756.191 | 43555.48 | 28.215 | 29.618 | 27.206 | 1.02 |
| 9/13/2018 5:30 | 631800 | 69.141 | 16.825 | 155.746 | 36757.313 | 43559.156 | 28.217 | 29.62 | 27.205 | 1.02 |
| 9/13/2018 5:45 | 632700 | 69.139 | 16.831 | 155.742 | 36741.547 | 43534.047 | 28.2 | 29.603 | 27.217 | 1.02 |
| 9/13/2018 6:00 | 633600 | 69.137 | 16.83 | 155.737 | 36744.176 | 43537.684 | 28.202 | 29.606 | 27.215 | 1.02 |
| 9/13/2018 6:15 | 634500 | 69.137 | 16.837 | 155.737 | 36771.164 | 43562.977 | 28.221 | 29.623 | 27.195 | 1.02 |
| 9/13/2018 6:30 | 635400 | 69.128 | 16.837 | 155.717 | 36764.73 | 43555.801 | 28.216 | 29.618 | 27.2 | 1.02 |
| 9/13/2018 6:45 | 636300 | 69.13 | 16.826 | 155.723 | 36760.484 | 43561.688 | 28.219 | 29.622 | 27.203 | 1.02 |
| 9/13/2018 7:00 | 637200 | 69.123 | 16.84 | 155.705 | 36786.535 | 43578.586 | 28.232 | 29.633 | 27.184 | 1.02 |
| 9/13/2018 7:15 | 638100 | 69.124 | 16.839 | 155.709 | 36766.457 | 43555.84 | 28.216 | 29.618 | 27.199 | 1.02 |
| 9/13/2018 7:30 | 639000 | 69.125 | 16.839 | 155.71 | 36791.723 | 43585.605 | 28.237 | 29.638 | 27.18 | 1.02 |
| 9/13/2018 7:45 | 639900 | 69.118 | 16.841 | 155.694 | 36776.34 | 43565.215 | 28.223 | 29.624 | 27.191 | 1.02 |
| 9/13/2018 8:00 | 640800 | 69.117 | 16.821 | 155.692 | 36746.703 | 43550.488 | 28.211 | 29.614 | 27.213 | 1.02 |
| 9/13/2018 8:15 | 641700 | 69.114 | 16.826 | 155.685 | 36756.922 | 43557.309 | 28.216 | 29.619 | 27.206 | 1.02 |
| 9/13/2018 8:30 | 642600 | 69.113 | 16.839 | 155.683 | 36770.258 | 43559.734 | 28.219 | 29.621 | 27.196 | 1.02 |
| 9/13/2018 8:45 | 643500 | 69.107 | 16.838 | 155.67 | 36792.691 | 43587.883 | 28.239 | 29.64 | 27.179 | 1.02 |
| 9/13/2018 9:00 | 644400 | 69.104 | 16.833 | 155.664 | 36767.836 | 43563.121 | 28.221 | 29.623 | 27.198 | 1.02 |
| 9/13/2018 9:15 | 645300 | 69.106 | 16.839 | 155.668 | 36812.445 | 43609.805 | 28.255 | 29.655 | 27.165 | 1.02 |
| 9/13/2018 9:30 | 646200 | 69.099 | 16.836 | 155.651 | 36786.926 | 43582.957 | 28.235 | 29.636 | 27.184 | 1.02 |
| 9/13/2018 9:45 | 647100 | 69.102 | 16.83 | 155.66 | 36749.23 | 43543.762 | 28.207 | 29.61 | 27.211 | 1.02 |
| 9/13/2018 10:00 | 648000 | 69.102 | 16.837 | 155.659 | 36771.797 | 43563.902 | 28.221 | 29.623 | 27.195 | 1.02 |
| 9/13/2018 10:15 | 648900 | 69.097 | 16.847 | 155.649 | 36755.43 | 43534.891 | 28.201 | 29.604 | 27.207 | 1.02 |
| 9/13/2018 10:30 | 649800 | 69.104 | 16.827 | 155.661 | 36748.488 | 43546.277 | 28.208 | 29.611 | 27.212 | 1.02 |
| 9/13/2018 10:45 | 650700 | 69.098 | 16.83 | 155.651 | 36781.941 | 43582.863 | 28.235 | 29.636 | 27.187 | 1.02 |
| 9/13/2018 11:00 | 651600 | 69.103 | 16.839 | 155.661 | 36765.188 | 43554.168 | 28.215 | 29.617 | 27.2 | 1.02 |
| 9/13/2018 11:15 | 652500 | 69.099 | 16.836 | 155.651 | 36774.129 | 43567.621 | 28.224 | 29.626 | 27.193 | 1.02 |
| 9/13/2018 11:30 | 653400 | 69.101 | 16.834 | 155.657 | 36775.684 | 43571.988 | 28.227 | 29.629 | 27.192 | 1.02 |
| | | | | | | | | | | |

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|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/14/2018 10:00 | 734400 | 69.104 | 16.836 | 155.664 | 36752 | 43541.5 | 28.205 | 29.608 | 27.209 | 1.02 |
| 9/14/2018 10:15 | 735300 | 69.102 | 16.848 | 155.659 | 36763.664 | 43543.082 | 28.207 | 29.609 | 27.201 | 1.02 |
| 9/14/2018 10:30 | 736200 | 69.104 | 16.83 | 155.663 | 36758.723 | 43555.879 | 28.215 | 29.618 | 27.204 | 1.02 |
| 9/14/2018 10:45 | 737100 | 69.103 | 16.834 | 155.661 | 36757.559 | 43550.242 | 28.211 | 29.614 | 27.205 | 1.02 |
| 9/14/2018 11:00 | 738000 | 69.1 | 16.829 | 155.655 | 36773.965 | 43574.465 | 28.229 | 29.631 | 27.193 | 1.02 |
| 9/14/2018 11:15 | 738900 | 69.102 | 16.821 | 155.659 | 36758.148 | 43563.359 | 28.224 | 29.623 | 27.205 | 1.02 |
| 9/14/2018 11:30 | 739800 | 69.102 | 16.843 | 155.659 | 36798.227 | 43589.223 | 28.224 | 29.641 | 27.175 | 1.02 |
| 9/14/2018 11:45 | 740700 | 69.107 | 16.832 | 155.657 | 36769.602 | 43566.25 | 28.223 | 29.625 | 27.196 | 1.02 |
| 9/14/2018 12:00 | 741600 | 69.111 | 16.839 | 155.676 | 36798.434 | 43593.109 | 28.243 | 29.643 | 27.175 | 1.02 |
| 9/14/2018 12:15 | 742500 | 69.111 | 16.844 | 155.68 | 36767.117 | 43551.418 | 28.213 | 29.615 | 27.198 | 1.02 |
| 9/14/2018 12:30 | 743400 | 69.114 | 16.837 | 155.685 | 36781.523 | 43575.859 | 28.23 | 29.632 | 27.188 | 1.02 |
| 9/14/2018 12:45 | 744300 | 69.119 | 16.828 | 155.698 | 36745.938 | 43542.121 | 28.205 | 29.609 | 27.214 | 1.02 |
| 9/14/2018 13:00 | 745200 | 69.118 | 16.831 | 155.695 | 36762.441 | 43558.555 | 28.217 | 29.62 | 27.202 | 1.02 |
| 9/14/2018 13:15 | 746100 | 69.118 | 16.852 | 155.694 | 36790.824 | 43571.699 | 28.228 | 29.629 | 27.181 | 1.02 |
| 9/14/2018 13:30 | 747000 | 69.122 | 16.833 | 155.704 | 36750.098 | 43542.02 | 28.206 | 29.609 | 27.211 | 1.02 |
| 9/14/2018 13:45 | 747900 | 69.125 | 16.822 | 155.712 | 36715.711 | 43512.285 | 28.184 | 29.588 | 27.236 | 1.02 |
| 9/14/2018 14:00 | 748800 | 69.132 | 16.826 | 155.728 | 36746.797 | 43545.313 | 28.207 | 29.611 | 27.213 | 1.02 |
| 9/14/2018 14:15 | 749700 | 69.133 | 16.835 | 155.73 | 36749.871 | 43540.188 | 28.204 | 29.607 | 27.211 | 1.02 |
| 9/14/2018 14:30 | 750600 | 69.139 | 16.82 | 155.742 | 36762.355 | 43569.211 | 28.224 | 29.627 | 27.202 | 1.02 |
| 9/14/2018 14:45 | 751500 | 69.144 | 16.839 | 155.753 | 36771.254 | 43561.008 | 28.222 | 29.621 | 27.195 | 1.02 |
| 9/14/2018 15:00 | 752400 | 69.151 | 16.825 | 155.768 | 36767.203 | 43570.785 | 28.226 | 29.628 | 27.198 | 1.02 |
| 9/14/2018 15:15 | 753300 | 69.149 | 16.834 | 155.764 | 36767.105 | 43561.734 | 28.222 | 29.622 | 27.198 | 1.02 |
| 9/14/2018 15:30 | 754200 | 69.155 | 16.83 | 155.779 | 36775.41 | 43574.961 | 28.229 | 29.631 | 27.192 | 1.02 |
| 9/14/2018 15:45 | 755100 | 69.151 | 16.826 | 155.77 | 36759.27 | 43559.82 | 28.218 | 29.621 | 27.204 | 1.02 |
| 9/14/2018 16:00 | 756000 | 69.156 | 16.825 | 155.789 | 36771.551 | 43575.684 | 28.229 | 29.631 | 27.195 | 1.02 |
| 9/14/2018 16:15 | 756900 | 69.158 | 16.838 | 155.785 | 36798.93 | 43595.438 | 28.244 | 29.645 | 27.175 | 1.02 |
| 9/14/2018 16:30 | 757800 | 69.17 | 16.839 | 155.812 | 36746.406 | 43532.43 | 28.199 | 29.602 | 27.214 | 1.02 |
| 9/14/2018 16:45 | 758700 | 69.165 | 16.826 | 155.801 | 36774.047 | 43577.859 | 28.231 | 29.633 | 27.193 | 1.02 |
| 9/14/2018 17:00 | 759600 | 69.166 | 16.831 | 155.804 | 36791.66 | 43593.086 | 28.242 | 29.643 | 27.18 | 1.02 |
| 9/14/2018 17:15 | 760500 | 69.17 | 16.829 | 155.811 | 36755.863 | 43552.574 | 28.213 | 29.616 | 27.207 | 1.02 |
| 9/14/2018 17:30 | 761400 | 69.176 | 16.828 | 155.826 | 36772.195 | 43573.488 | 28.228 | 29.63 | 27.194 | 1.02 |
| 9/14/2018 17:45 | 762300 | 69.171 | 16.834 | 155.815 | 36739.137 | 43528.332 | 28.196 | 29.599 | 27.219 | 1.02 |
| 9/14/2018 18:00 | 763200 | 69.171 | 16.833 | 155.814 | 36759.879 | 43553.863 | 28.214 | 29.617 | 27.204 | 1.02 |
| 9/14/2018 18:15 | 764100 | 69.171 | 16.829 | 155.814 | 36748.5 | 43544.117 | 28.207 | 29.61 | 27.212 | 1.02 |
| 9/14/2018 18:30 | 765000 | 69.171 | 16.824 | 155.816 | 36760.93 | 43563.781 | 28.221 | 29.623 | 27.203 | 1.02 |
| 9/14/2018 18:45 | 765900 | 69.171 | 16.831 | 155.816 | 36775.488 | 43574.438 | 28.229 | 29.631 | 27.192 | 1.02 |
| 9/14/2018 19:00 | 766800 | 69.17 | 16.833 | 155.811 | 36791.203 | 43591.332 | 28.241 | 29.642 | 27.18 | 1.02 |
| 9/14/2018 19:15 | 767700 | 69.171 | 16.838 | 155.813 | 36784.676 | 43577.949 | 28.232 | 29.633 | 27.185 | 1.02 |
| 9/14/2018 19:30 | 768600 | 69.166 | 16.833 | 155.804 | 36778.652 | 43576.02 | 28.23 | 29.632 | 27.19 | 1.02 |
| 9/14/2018 19:45 | 769500 | 69.167 | 16.83 | 155.805 | 36750.746 | 43546.074 | 28.208 | 29.611 | 27.21 | 1.02 |
| 9/14/2018 20:00 | 770400 | 69.156 | 16.839 | 155.781 | 36749.094 | 43534.93 | 28.201 | 29.604 | 27.212 | 1.02 |
| 9/14/2018 20:15 | 771300 | 69.158 | 16.833 | 155.785 | 36762.758 | 43557.629 | 28.217 | 29.619 | 27.201 | 1.02 |
| 9/14/2018 20:30 | 772200 | 69.155 | 16.836 | 155.779 | 36760.383 | 43551.332 | 28.212 | 29.615 | 27.203 | 1.02 |
| 9/14/2018 20:45 | 773100 | 69.151 | 16.825 | 155.768 | 36765.898 | 43569.16 | 28.225 | 29.627 | 27.199 | 1.02 |
| 9/14/2018 21:00 | 774000 | 69.148 | 16.823 | 155.762 | 36758.867 | 43562.121 | 28.219 | 29.622 | 27.204 | 1.02 |
| 9/14/2018 21:15 | 774900 | 69.146 | 16.831 | 155.757 | 36775.379 | 43574.484 | 28.229 | 29.631 | 27.192 | 1.02 |
| 9/14/2018 21:30 | 775800 | 69.144 | 16.836 | 155.754 | 36752.93 | 43542.43 | 28.206 | 29.609 | 27.209 | 1.02 |
| 9/14/2018 21:45 | 776700 | 69.136 | 16.846 | 155.735 | 36761.414 | 43543.27 | 28.207 | 29.609 | 27.202 | 1.02 |
| 9/14/2018 22:00 | 777600 | 69.128 | 16.842 | 155.717 | 36769.344 | 43555.715 | 28.216 | 29.618 | 27.197 | 1.02 |
| 9/14/2018 22:15 | 778500 | 69.133 | 16.829 | 155.73 | 36753.754 | 43550.684 | 28.212 | 29.614 | 27.208 | 1.02 |
| 9/14/2018 22:30 | 779400 | 69.123 | 16.84 | 155.705 | 36743.855 | 43528.281 | 28.196 | 29.599 | 27.215 | 1.02 |
| 9/14/2018 22:45 | 780300 | 69.122 | 16.842 | 155.705 | 36761.234 | 43546.449 | 28.209 | 29.612 | 27.203 | 1.02 |
| 9/14/2018 23:00 | 781200 | 69.119 | 16.826 | 155.698 | 36754.309 | 43554.121 | 28.214 | 29.617 | 27.208 | 1.02 |
| 9/14/2018 23:15 | 782100 | 69.114 | 16.82 | 155.687 | 36756.082 | 43561.777 | 28.219 | 29.622 | 27.206 | 1.02 |
| 9/14/2018 23:30 | 783000 | 69.113 | 16.822 | 155.683 | 36747.285 | 43549.523 | 28.21 | 29.614 | 27.213 | 1.02 |
| 9/14/2018 23:45 | 783900 | 69.107 | 16.848 | 155.671 | 36756.152 | 43535.055 | 28.201 | 29.604 | 27.206 | 1.02 |
| 9/15/2018 0:00 | 784800 | 69.112 | 16.832 | 155.681 | 36755.574 | 43549.629 | 28.211 | 29.614 | 27.207 | 1.02 |
| 9/15/2018 0:15 | 785700 | 69.101 | 16.846 | 155.657 | 36776.055 | 43560.012 | 28.219 | 29.621 | 27.192 | 1.02 |
| 9/15/2018 0:30 | 786600 | 69.104 | 16.838 | 155.663 | 36754.949 | 43543.086 | 28.207 | 29.609 | 27.207 | 1.02 |
| 9/15/2018 0:45 | 787500 | 69.107 | 16.831 | 155.671 | 36772.965 | 43571.363 | 28.227 | 29.629 | 27.194 | 1.02 |
| 9/15/2018 1:00 | 788400 | 69.103 | 16.831 | 155.661 | 36768.066 | 43565.469 | 28.222 | 29.625 | 27.198 | 1.02 |
| 9/15/2018 1:15 | 789300 | 69.1 | 16.844 | 155.655 | 36763.035 | 43546.41 | 28.209 | 29.612 | 27.201 | 1.02 |
| 9/15/2018 1:30 | 790200 | 69.096 | 16.838 | 155.647 | 36788.703 | 43583.324 | 28.235 | 29.637 | 27.182 | 1.02 |
| 9/15/2018 1:45 | 791100 | 69.101 | 16.831 | 155.657 | 36760.742 | 43557.141 | 28.216 | 29.619 | 27.203 | 1.02 |
| 9/15/2018 2:00 | 792000 | 69.094 | 16.841 | 155.641 | 36762.023 | 43548.766 | 28.211 | 29.613 | 27.202 | 1.02 |
| 9/15/2018 2:15 | 792900 | 69.1 | 16.831 | 155.654 | 36784.883 | 43585.484 | 28.237 | 29.638 | 27.185 | 1.02 |
| 9/15/2018 2:30 | 793800 | 69.097 | 16.843 | 155.649 | 36773.457 | 43560.492 | 28.219 | 29.621 | 27.194 | 1.02 |
| 9/15/2018 2:45 | 794700 | 69.103 | 16.814 | 155.661 | 36759.988 | 43573.094 | 28.227 | 29.63 | 27.203 | 1.02 |
| 9/15/2018 3:00 | 795600 | 69.097 | 16.828 | 155.649 | 36754.637 | 43552.859 | 28.213 | 29.616 | 27.207 | 1.02 |
| 9/15/2018 3:15 | 796500 | 69.097 | 16.834 | 155.649 | 36793.668 | 43592.859 | 28.242 | 29.643 | 27.179 | 1.02 |
| 9/15/2018 3:30 | 797400 | 69.1 | 16.841 | 155.655 | 36789.852 | 43581.305 | 28.234 | 29.635 | 27.181 | 1.02 |
| 9/15/2018 3:45 | 798300 | 69.108 | 16.839 | 155.673 | 36764.508 | 43553.531 | 28.214 | 29.616 | 27.2 | 1.02 |
| 9/15/2018 4:00 | 799200 | 69.108 | 16.831 | 155.673 | 36763.07 | 43559.641 | 28.219 | 29.621 | 27.201 | 1.02 |
| 9/15/2018 4:15 | 800100 | 69.104 | 16.833 | 155.664 | 36765.426 | 43560.875 | 28.218 | 29.621 | 27.199 | 1.02 |
| 9/15/2018 4:30 | 801000 | 69.104 | 16.834 | 155.663 | 36756.781 | 43549.238 | 28.211 | 29.613 | 27.206 | 1.02 |
| 9/15/2018 4:45 | 801900 | 69.107 | 16.829 | 155.67 | 36761.945 | 43559.961 | 28.218 | 29.621 | 27.202 | 1.02 |
| 9/15/2018 5:00 | 802800 | 69.104 | 16.838 | 155.663 | 36783.16 | 43576.242 | 28.23 | 29.632 | 27.186 | 1.02 |
| 9/15/2018 5:15 | 803700 | 69.11 | 16.835 | 155.676 | 36745.176 | 43534.535 | 28.2 | 29.603 | 27.214 | 1.02 |
| 9/15/2018 5:30 | 804600 | 69.114 | 16.843 | 155.687 | 36759.414 | 43552.965 | 28.213 | 29.616 | 27.204 | 1.02 |
| 9/15/2018 5:45 | 805500 | 69.109 | 16.833 | 155.675 | 36796.961 | 43588.16 | 28.239 | 29.64 | 27.176 | 1.02 |
| 9/15/2018 6:00 | 806400 | 69.112 | 16.839 | 155.682 | 36758.762 | 43546.816 | 28.209 | 29.612 | 27.204 | 1.02 |
| 9/15/2018 6:15 | 807300 | 69.113 | 16.841 | 155.683 | 36778.082 | 43567.789 | 28.224 | 29.626 | 27.19 | 1.02 |
| 9/15/2018 6:30 | 808200 | 69.114 | 16.835 | 155.686 | 36772.719 | 43567.34 | 28.224 | 29.626 | 27.194 | 1.02 |
| 9/15/2018 6:45 | 809100 | 69.114 | 16.833 | 155.685 | 36747.535 | 43539.324 | 28.204 | 29.607 | 27.213 | 1.02 |
| 9/15/2018 7:00 | 810000 | 69.117 | 16.828 | 155.693 | 36748.809 | 43545.605 | 28.208 | 29.611 | 27.212 | 1.02 |
| 9/15/2018 7:15 | 810900 | 69.113 | 16.833 | 155.683 | 36772.594 | 43568.676 | 28.225 | 29.627 | 27.194 | 1.02 |
| 9/15/2018 7:30 | 811800 | 69.114 | 16.843 | 155.685 | 36765.449 | 43551.008 | 28.212 | 29.615 | 27.199 | 1.02 |
| 9/15/2018 7:45 | 812700 | 69.109 | 16.827 | 155.675 | 36764.938 | 43565.77 | 28.222 | 29.625 | 27.2 | 1.02 |
| 9/15/2018 8:00 | 813600 | 69.112 | 16.83 | 155.682 | 36784.543 | 43585.699 | 28.237 | 29.638 | 27.185 | 1. |

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|-----------------|--------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/16/2018 6:30 | 894600 | 69.069 | 16.823 | 155.584 | 36755.84 | 43559.141 | 28.217 | 29.62 | 27.207 | 1.02 |
| 9/16/2018 6:45 | 895500 | 69.072 | 16.825 | 155.592 | 36764.234 | 43566.484 | 28.223 | 29.625 | 27.2 | 1.02 |
| 9/16/2018 7:00 | 896400 | 69.069 | 16.827 | 155.584 | 36760.563 | 43560.66 | 28.219 | 29.621 | 27.203 | 1.02 |
| 9/16/2018 7:15 | 897300 | 69.073 | 16.838 | 155.594 | 36754.613 | 43542.59 | 28.206 | 29.609 | 27.207 | 1.02 |
| 9/16/2018 7:30 | 898200 | 69.073 | 16.835 | 155.594 | 36753.809 | 43543.199 | 28.207 | 29.609 | 27.208 | 1.02 |
| 9/16/2018 7:45 | 899100 | 69.071 | 16.833 | 155.588 | 36746.563 | 43541.379 | 28.205 | 29.608 | 27.213 | 1.02 |
| 9/16/2018 8:00 | 900000 | 69.072 | 16.825 | 155.591 | 36757.293 | 43558.703 | 28.217 | 29.62 | 27.205 | 1.02 |
| 9/16/2018 8:15 | 900900 | 69.076 | 16.83 | 155.6 | 36746.961 | 43541.688 | 28.205 | 29.608 | 27.213 | 1.02 |
| 9/16/2018 8:30 | 901800 | 69.073 | 16.834 | 155.594 | 36766.672 | 43560.785 | 28.219 | 29.621 | 27.199 | 1.02 |
| 9/16/2018 8:45 | 902700 | 69.077 | 16.833 | 155.603 | 36755.09 | 43547.934 | 28.21 | 29.613 | 27.207 | 1.02 |
| 9/16/2018 9:00 | 903600 | 69.072 | 16.833 | 155.591 | 36771.992 | 43567.695 | 28.224 | 29.626 | 27.195 | 1.02 |
| 9/16/2018 9:15 | 904500 | 69.076 | 16.835 | 155.6 | 36777.961 | 43573.723 | 28.228 | 29.63 | 27.19 | 1.02 |
| 9/16/2018 9:30 | 905400 | 69.078 | 16.825 | 155.604 | 36761.563 | 43563.492 | 28.221 | 29.623 | 27.202 | 1.02 |
| 9/16/2018 9:45 | 906300 | 69.072 | 16.831 | 155.592 | 36768.398 | 43565.613 | 28.222 | 29.625 | 27.197 | 1.02 |
| 9/16/2018 10:00 | 907200 | 69.073 | 16.838 | 155.594 | 36760.625 | 43550.23 | 28.212 | 29.614 | 27.203 | 1.02 |
| 9/16/2018 10:15 | 908100 | 69.075 | 16.837 | 155.597 | 36785.969 | 43580.355 | 28.233 | 29.635 | 27.184 | 1.02 |
| 9/16/2018 10:30 | 909000 | 69.078 | 16.834 | 155.604 | 36767.797 | 43562.027 | 28.22 | 29.622 | 27.198 | 1.02 |
| 9/16/2018 10:45 | 909900 | 69.076 | 16.832 | 155.6 | 36746.551 | 43539.289 | 28.203 | 29.607 | 27.213 | 1.02 |
| 9/16/2018 11:00 | 910800 | 69.072 | 16.836 | 155.592 | 36782.316 | 43577.844 | 28.231 | 29.633 | 27.187 | 1.02 |
| 9/16/2018 11:15 | 911700 | 69.078 | 16.839 | 155.604 | 36778.961 | 43570.402 | 28.226 | 29.628 | 27.189 | 1.02 |
| 9/16/2018 11:30 | 912600 | 69.085 | 16.844 | 155.622 | 36775.77 | 43561.668 | 28.22 | 29.622 | 27.192 | 1.02 |
| 9/16/2018 11:45 | 913500 | 69.08 | 16.837 | 155.609 | 36820.602 | 43621.816 | 28.263 | 29.663 | 27.159 | 1.02 |
| 9/16/2018 12:00 | 914400 | 69.081 | 16.828 | 155.612 | 36772.16 | 43573.195 | 28.228 | 29.63 | 27.194 | 1.02 |
| 9/16/2018 12:15 | 915300 | 69.095 | 16.838 | 155.642 | 36757.844 | 43546.762 | 28.209 | 29.612 | 27.205 | 1.02 |
| 9/16/2018 12:30 | 916200 | 69.076 | 16.838 | 155.6 | 36765.281 | 43555.063 | 28.215 | 29.617 | 27.2 | 1.02 |
| 9/16/2018 12:45 | 917100 | 69.08 | 16.834 | 155.609 | 36745.668 | 43536.07 | 28.201 | 29.605 | 27.214 | 1.02 |
| 9/16/2018 13:00 | 918000 | 69.085 | 16.836 | 155.622 | 36762.746 | 43553.879 | 28.214 | 29.617 | 27.201 | 1.02 |
| 9/16/2018 13:15 | 918900 | 69.087 | 16.836 | 155.626 | 36783.906 | 43579.813 | 28.233 | 29.634 | 27.186 | 1.02 |
| 9/16/2018 13:30 | 919800 | 69.09 | 16.829 | 155.633 | 36778.117 | 43579.387 | 28.232 | 29.634 | 27.19 | 1.02 |
| 9/16/2018 13:45 | 920700 | 69.091 | 16.83 | 155.634 | 36781.605 | 43582.82 | 28.235 | 29.636 | 27.188 | 1.02 |
| 9/16/2018 14:00 | 921600 | 69.09 | 16.839 | 155.633 | 36762.59 | 43551.527 | 28.213 | 29.615 | 27.202 | 1.02 |
| 9/16/2018 14:15 | 922500 | 69.097 | 16.837 | 155.648 | 36772.281 | 43564.477 | 28.222 | 29.624 | 27.194 | 1.02 |
| 9/16/2018 14:30 | 923400 | 69.094 | 16.83 | 155.641 | 36759.148 | 43555.512 | 28.215 | 29.618 | 27.204 | 1.02 |
| 9/16/2018 14:45 | 924300 | 69.101 | 16.827 | 155.657 | 36772.453 | 43574.578 | 28.229 | 29.631 | 27.194 | 1.02 |
| 9/16/2018 15:00 | 925200 | 69.104 | 16.845 | 155.664 | 36766.645 | 43549.563 | 28.212 | 29.614 | 27.199 | 1.02 |
| 9/16/2018 15:15 | 926100 | 69.102 | 16.837 | 155.66 | 36744.785 | 43531.727 | 28.198 | 29.602 | 27.215 | 1.02 |
| 9/16/2018 15:30 | 927000 | 69.104 | 16.835 | 155.663 | 36777.441 | 43572.762 | 28.228 | 29.629 | 27.191 | 1.02 |
| 9/16/2018 15:45 | 927900 | 69.109 | 16.829 | 155.675 | 36752.969 | 43549.496 | 28.211 | 29.614 | 27.209 | 1.02 |
| 9/16/2018 16:00 | 928800 | 69.114 | 16.834 | 155.685 | 36763.875 | 43557.727 | 28.217 | 29.619 | 27.201 | 1.02 |
| 9/16/2018 16:15 | 929700 | 69.112 | 16.828 | 155.7 | 36775.965 | 43577.445 | 28.231 | 29.633 | 27.192 | 1.02 |
| 9/16/2018 16:30 | 930600 | 69.119 | 16.85 | 155.698 | 36778.379 | 43558.863 | 28.219 | 29.62 | 27.19 | 1.02 |
| 9/16/2018 16:45 | 931500 | 69.125 | 16.83 | 155.712 | 36752.863 | 43548.848 | 28.21 | 29.613 | 27.209 | 1.02 |
| 9/16/2018 17:00 | 932400 | 69.133 | 16.823 | 155.729 | 36769.055 | 43574.547 | 28.228 | 29.631 | 27.197 | 1.02 |
| 9/16/2018 17:15 | 933300 | 69.136 | 16.838 | 155.735 | 36780.84 | 43573.402 | 28.228 | 29.63 | 27.188 | 1.02 |
| 9/16/2018 17:30 | 934200 | 69.135 | 16.826 | 155.732 | 36753.508 | 43552.91 | 28.213 | 29.616 | 27.208 | 1.02 |
| 9/16/2018 17:45 | 935100 | 69.136 | 16.838 | 155.735 | 36773.203 | 43564.535 | 28.222 | 29.624 | 27.194 | 1.02 |
| 9/16/2018 18:00 | 936000 | 69.14 | 16.839 | 155.745 | 36763.672 | 43552.633 | 28.213 | 29.616 | 27.201 | 1.02 |
| 9/16/2018 18:15 | 936900 | 69.137 | 16.843 | 155.738 | 36792.672 | 43582.906 | 28.235 | 29.636 | 27.179 | 1.02 |
| 9/16/2018 18:30 | 937800 | 69.145 | 16.843 | 155.757 | 36771.09 | 43557.16 | 28.217 | 29.619 | 27.195 | 1.02 |
| 9/16/2018 18:45 | 938700 | 69.139 | 16.84 | 155.742 | 36754.078 | 43540.051 | 28.204 | 29.607 | 27.208 | 1.02 |
| 9/16/2018 19:00 | 939600 | 69.147 | 16.841 | 155.761 | 36778.609 | 43568.504 | 28.225 | 29.627 | 27.19 | 1.02 |
| 9/16/2018 19:15 | 940500 | 69.149 | 16.831 | 155.765 | 36775.422 | 43574.457 | 28.229 | 29.631 | 27.192 | 1.02 |
| 9/16/2018 19:30 | 941400 | 69.155 | 16.827 | 155.778 | 36751.082 | 43549.078 | 28.21 | 29.613 | 27.21 | 1.02 |
| 9/16/2018 19:45 | 942300 | 69.15 | 16.833 | 155.767 | 36741.242 | 43532.043 | 28.198 | 29.602 | 27.217 | 1.02 |
| 9/16/2018 20:00 | 943200 | 69.149 | 16.824 | 155.765 | 36748.102 | 43548.852 | 28.21 | 29.613 | 27.212 | 1.02 |
| 9/16/2018 20:15 | 944100 | 69.155 | 16.831 | 155.779 | 36771.336 | 43569.434 | 28.225 | 29.627 | 27.195 | 1.02 |
| 9/16/2018 20:30 | 945000 | 69.151 | 16.835 | 155.77 | 36760.109 | 43552.57 | 28.213 | 29.616 | 27.203 | 1.02 |
| 9/16/2018 20:45 | 945900 | 69.149 | 16.83 | 155.764 | 36763.297 | 43561.125 | 28.219 | 29.622 | 27.201 | 1.02 |
| 9/16/2018 21:00 | 946800 | 69.149 | 16.837 | 155.765 | 36767.992 | 43559.32 | 28.218 | 29.62 | 27.198 | 1.02 |
| 9/16/2018 21:15 | 947700 | 69.149 | 16.841 | 155.764 | 36793.117 | 43584.824 | 28.237 | 29.638 | 27.179 | 1.02 |
| 9/16/2018 21:30 | 948600 | 69.145 | 16.836 | 155.756 | 36764.32 | 43555.742 | 28.216 | 29.618 | 27.2 | 1.02 |
| 9/16/2018 21:45 | 949500 | 69.145 | 16.844 | 155.756 | 36774.859 | 43560.418 | 28.219 | 29.621 | 27.192 | 1.02 |
| 9/16/2018 22:00 | 950400 | 69.137 | 16.825 | 155.738 | 36754.203 | 43555.207 | 28.215 | 29.618 | 27.208 | 1.02 |
| 9/16/2018 22:15 | 951300 | 69.141 | 16.834 | 155.746 | 36772.113 | 43567.668 | 28.224 | 29.626 | 27.195 | 1.02 |
| 9/16/2018 22:30 | 952200 | 69.136 | 16.84 | 155.735 | 36779.16 | 43570.023 | 28.226 | 29.628 | 27.189 | 1.02 |
| 9/16/2018 22:45 | 953100 | 69.128 | 16.841 | 155.717 | 36787.809 | 43578.883 | 28.232 | 29.634 | 27.183 | 1.02 |
| 9/16/2018 23:00 | 954000 | 69.13 | 16.833 | 155.723 | 36750.605 | 43542.441 | 28.206 | 29.609 | 27.21 | 1.02 |
| 9/16/2018 23:15 | 954900 | 69.112 | 16.828 | 155.75 | 36763.277 | 43562.578 | 28.22 | 29.623 | 27.201 | 1.02 |
| 9/16/2018 23:30 | 955800 | 69.122 | 16.822 | 155.705 | 36760.773 | 43565.43 | 28.222 | 29.624 | 27.203 | 1.02 |
| 9/16/2018 23:45 | 956700 | 69.112 | 16.832 | 155.699 | 36742.82 | 43534.688 | 28.2 | 29.604 | 27.216 | 1.02 |
| 9/17/2018 0:00 | 957600 | 69.115 | 16.831 | 155.688 | 36778.781 | 43578.09 | 28.231 | 29.633 | 27.19 | 1.02 |
| 9/17/2018 0:15 | 958500 | 69.112 | 16.845 | 155.682 | 36772.844 | 43556.988 | 28.217 | 29.619 | 27.194 | 1.02 |
| 9/17/2018 0:30 | 959400 | 69.109 | 16.842 | 155.675 | 36758.469 | 43543.348 | 28.207 | 29.609 | 27.205 | 1.02 |
| 9/17/2018 0:45 | 960300 | 69.107 | 16.831 | 155.671 | 36769.254 | 43566.801 | 28.223 | 29.625 | 27.197 | 1.02 |
| 9/17/2018 1:00 | 961200 | 69.107 | 16.837 | 155.671 | 36767.094 | 43558.332 | 28.217 | 29.62 | 27.198 | 1.02 |
| 9/17/2018 1:15 | 962100 | 69.1 | 16.843 | 155.654 | 36762.75 | 43547.027 | 28.21 | 29.612 | 27.201 | 1.02 |
| 9/17/2018 1:30 | 963000 | 69.1 | 16.828 | 155.655 | 36741.957 | 43537.313 | 28.202 | 29.605 | 27.217 | 1.02 |
| 9/17/2018 1:45 | 963900 | 69.091 | 16.828 | 155.635 | 36775.277 | 43577.488 | 28.231 | 29.633 | 27.192 | 1.02 |
| 9/17/2018 2:00 | 964800 | 69.092 | 16.831 | 155.636 | 36746.375 | 43539.43 | 28.204 | 29.607 | 27.214 | 1.02 |
| 9/17/2018 2:15 | 965700 | 69.092 | 16.823 | 155.636 | 36791.254 | 43600.594 | 28.247 | 29.648 | 27.18 | 1.02 |
| 9/17/2018 2:30 | 966600 | 69.091 | 16.829 | 155.634 | 36752.555 | 43549.527 | 28.211 | 29.614 | 27.209 | 1.02 |
| 9/17/2018 2:45 | 967500 | 69.091 | 16.834 | 155.635 | 36779.012 | 43575.84 | 28.233 | 29.632 | 27.189 | 1.02 |
| 9/17/2018 3:00 | 968400 | 69.091 | 16.842 | 155.634 | 36744.586 | 43527.152 | 28.195 | 29.598 | 27.215 | 1.02 |
| 9/17/2018 3:15 | 969300 | 69.09 | 16.827 | 155.632 | 36753.445 | 43552.488 | 28.213 | 29.616 | 27.208 | 1.02 |
| 9/17/2018 3:30 | 970200 | 69.091 | 16.837 | 155.634 | 36764.832 | 43556.176 | 28.216 | 29.618 | 27.2 | 1.02 |
| 9/17/2018 3:45 | 971100 | 69.091 | 16.83 | 155.634 | 36765.098 | 43562.563 | 28.22 | 29.623 | 27.2 | 1.02 |
| 9/17/2018 4:00 | 972000 | 69.093 | 16.84 | 155.639 | 36788.359 | 43580.227 | 28.233 | 29.635 | 27.183 | 1.02 |
| 9/17/2018 4:15 | 972900 | 69.087 | 16.836 | 155.626 | 36776.145 | 43570.273 | 28.226 | 29.628 | 27.192 | 1.02 |
| 9/17/2018 4:30 | 973800 | 69.091 | 16.83 | 155.634 | 36764.148 | 43561.613 | 28.219 | 29.622 | 27.2 | 1.02 |
| 9/17/2018 4:45 | | | | | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/18/2018 3:00 | 1054800 | 69.149 | 16.837 | 155.764 | 36800.695 | 43598.063 | 28.246 | 29.647 | 27.173 | 1.02 |
| 9/18/2018 3:15 | 1055700 | 69.151 | 16.842 | 155.769 | 36766.043 | 43552.492 | 28.214 | 29.616 | 27.199 | 1.02 |
| 9/18/2018 3:30 | 1056600 | 69.148 | 16.836 | 155.762 | 36759.262 | 43550.613 | 28.212 | 29.614 | 27.204 | 1.02 |
| 9/18/2018 3:45 | 1057500 | 69.144 | 16.838 | 155.753 | 36760.25 | 43549.449 | 28.211 | 29.614 | 27.203 | 1.02 |
| 9/18/2018 4:00 | 1058400 | 69.147 | 16.833 | 155.761 | 36764.602 | 43559.723 | 28.218 | 29.621 | 27.2 | 1.02 |
| 9/18/2018 4:15 | 1059300 | 69.15 | 16.833 | 155.767 | 36769.086 | 43567.285 | 28.224 | 29.626 | 27.197 | 1.02 |
| 9/18/2018 4:30 | 1060200 | 69.148 | 16.823 | 155.762 | 36771.313 | 43576.793 | 28.223 | 29.632 | 27.195 | 1.02 |
| 9/18/2018 4:45 | 1061100 | 69.139 | 16.841 | 155.743 | 36763.59 | 43550.539 | 28.212 | 29.614 | 27.201 | 1.02 |
| 9/18/2018 5:00 | 1062000 | 69.139 | 16.829 | 155.742 | 36751.582 | 43547.5 | 28.209 | 29.612 | 27.201 | 1.02 |
| 9/18/2018 5:15 | 1062900 | 69.14 | 16.835 | 155.745 | 36782.5 | 43578.32 | 28.232 | 29.633 | 27.187 | 1.02 |
| 9/18/2018 5:30 | 1063800 | 69.155 | 16.828 | 155.779 | 36782.207 | 43585.699 | 28.237 | 29.638 | 27.187 | 1.02 |
| 9/18/2018 5:45 | 1064700 | 69.144 | 16.831 | 155.754 | 36764.977 | 43561.898 | 28.22 | 29.622 | 27.2 | 1.02 |
| 9/18/2018 6:00 | 1065600 | 69.14 | 16.84 | 155.745 | 36767.59 | 43555.984 | 28.216 | 29.618 | 27.198 | 1.02 |
| 9/18/2018 6:15 | 1066500 | 69.141 | 16.84 | 155.746 | 36767.766 | 43556.191 | 28.216 | 29.618 | 27.198 | 1.02 |
| 9/18/2018 6:30 | 1067400 | 69.14 | 16.834 | 155.745 | 36746 | 43535.949 | 28.201 | 29.604 | 27.214 | 1.02 |
| 9/18/2018 6:45 | 1068300 | 69.147 | 16.843 | 155.761 | 36773.156 | 43560.051 | 28.219 | 29.621 | 27.194 | 1.02 |
| 9/18/2018 7:00 | 1069200 | 69.14 | 16.841 | 155.745 | 36764.816 | 43551.82 | 28.213 | 29.615 | 27.2 | 1.02 |
| 9/18/2018 7:15 | 1070100 | 69.149 | 16.835 | 155.765 | 36769.492 | 43563.172 | 28.221 | 29.623 | 27.196 | 1.02 |
| 9/18/2018 7:30 | 1071000 | 69.148 | 16.843 | 155.762 | 36749.918 | 43532.344 | 28.199 | 29.602 | 27.211 | 1.02 |
| 9/18/2018 7:45 | 1071900 | 69.151 | 16.837 | 155.769 | 36761.711 | 43552.387 | 28.213 | 29.616 | 27.202 | 1.02 |
| 9/18/2018 8:00 | 1072800 | 69.149 | 16.843 | 155.764 | 36764.121 | 43548.746 | 28.211 | 29.613 | 27.2 | 1.02 |
| 9/18/2018 8:15 | 1073700 | 69.151 | 16.822 | 155.769 | 36764.535 | 43570.148 | 28.225 | 29.628 | 27.2 | 1.02 |
| 9/18/2018 8:30 | 1074600 | 69.156 | 16.835 | 155.781 | 36802.773 | 43602.773 | 28.249 | 29.65 | 27.172 | 1.02 |
| 9/18/2018 8:45 | 1075500 | 69.156 | 16.827 | 155.78 | 36772.668 | 43575.266 | 28.229 | 29.631 | 27.194 | 1.02 |
| 9/18/2018 9:00 | 1076400 | 69.156 | 16.84 | 155.78 | 36753.008 | 43538.711 | 28.204 | 29.606 | 27.209 | 1.02 |
| 9/18/2018 9:15 | 1077300 | 69.16 | 16.836 | 155.759 | 36791.125 | 43587.68 | 28.239 | 29.64 | 27.18 | 1.02 |
| 9/18/2018 9:30 | 1078200 | 69.165 | 16.838 | 155.801 | 36775.652 | 43567.348 | 28.224 | 29.626 | 27.192 | 1.02 |
| 9/18/2018 9:45 | 1079100 | 69.167 | 16.83 | 155.805 | 36757.391 | 43553.871 | 28.214 | 29.617 | 27.205 | 1.02 |
| 9/18/2018 10:00 | 1080000 | 69.171 | 16.831 | 155.815 | 36777.145 | 43575.797 | 28.223 | 29.632 | 27.191 | 1.02 |
| 9/18/2018 10:15 | 1080900 | 69.167 | 16.845 | 155.805 | 36781.574 | 43567.246 | 28.224 | 29.626 | 27.188 | 1.02 |
| 9/18/2018 10:30 | 1081800 | 69.167 | 16.829 | 155.805 | 36746.016 | 43541.004 | 28.205 | 29.608 | 27.214 | 1.02 |
| 9/18/2018 10:45 | 1082700 | 69.174 | 16.833 | 155.821 | 36774.074 | 43570.594 | 28.226 | 29.628 | 27.193 | 1.02 |
| 9/18/2018 11:00 | 1083600 | 69.171 | 16.832 | 155.815 | 36767.844 | 43564.422 | 28.222 | 29.624 | 27.198 | 1.02 |
| 9/18/2018 11:15 | 1084500 | 69.174 | 16.828 | 155.821 | 36744.961 | 43540.789 | 28.204 | 29.608 | 27.215 | 1.02 |
| 9/18/2018 11:30 | 1085400 | 69.176 | 16.836 | 155.826 | 36787.859 | 43583.813 | 28.236 | 29.637 | 27.183 | 1.02 |
| 9/18/2018 11:45 | 1086300 | 69.18 | 16.825 | 155.835 | 36738.313 | 43536.641 | 28.201 | 29.605 | 27.22 | 1.02 |
| 9/18/2018 12:00 | 1087200 | 69.176 | 16.834 | 155.827 | 36747.25 | 43537.773 | 28.203 | 29.606 | 27.213 | 1.02 |
| 9/18/2018 12:15 | 1088100 | 69.176 | 16.83 | 155.827 | 36744.918 | 43538.828 | 28.203 | 29.606 | 27.215 | 1.02 |
| 9/18/2018 12:30 | 1089000 | 69.179 | 16.836 | 155.832 | 36770.262 | 43563.473 | 28.221 | 29.623 | 27.196 | 1.02 |
| 9/18/2018 12:45 | 1089900 | 69.176 | 16.836 | 155.827 | 36770.594 | 43563.086 | 28.221 | 29.623 | 27.196 | 1.02 |
| 9/18/2018 13:00 | 1090800 | 69.174 | 16.838 | 155.822 | 36769.617 | 43560.199 | 28.219 | 29.621 | 27.196 | 1.02 |
| 9/18/2018 13:15 | 1091700 | 69.176 | 16.841 | 155.826 | 36791.098 | 43582.781 | 28.235 | 29.636 | 27.182 | 1.02 |
| 9/18/2018 13:30 | 1092600 | 69.179 | 16.834 | 155.832 | 36793.258 | 43592.719 | 28.242 | 29.643 | 27.179 | 1.02 |
| 9/18/2018 13:45 | 1093500 | 69.176 | 16.836 | 155.826 | 36776.246 | 43570.652 | 28.226 | 29.628 | 27.191 | 1.02 |
| 9/18/2018 14:00 | 1094400 | 69.185 | 16.839 | 155.846 | 36784.195 | 43576.77 | 28.231 | 29.632 | 27.186 | 1.02 |
| 9/18/2018 14:15 | 1095300 | 69.18 | 16.846 | 155.835 | 36789.453 | 43575.699 | 28.23 | 29.631 | 27.182 | 1.02 |
| 9/18/2018 14:30 | 1096200 | 69.18 | 16.843 | 155.835 | 36777.117 | 43564.828 | 28.222 | 29.624 | 27.191 | 1.02 |
| 9/18/2018 14:45 | 1097100 | 69.176 | 16.851 | 155.826 | 36792.918 | 43575.391 | 28.223 | 29.631 | 27.179 | 1.02 |
| 9/18/2018 15:00 | 1098000 | 69.182 | 16.826 | 155.839 | 36765.328 | 43567.527 | 28.223 | 29.626 | 27.2 | 1.02 |
| 9/18/2018 15:15 | 1098900 | 69.179 | 16.832 | 155.832 | 36755.383 | 43549.241 | 28.213 | 29.613 | 27.207 | 1.02 |
| 9/18/2018 15:30 | 1099800 | 69.18 | 16.846 | 155.835 | 36782.48 | 43567.793 | 28.225 | 29.626 | 27.187 | 1.02 |
| 9/18/2018 15:45 | 1100700 | 69.185 | 16.841 | 155.846 | 36766.484 | 43553.359 | 28.214 | 29.616 | 27.199 | 1.02 |
| 9/18/2018 16:00 | 1101600 | 69.185 | 16.824 | 155.847 | 36764.414 | 43568.445 | 28.224 | 29.627 | 27.2 | 1.02 |
| 9/18/2018 16:15 | 1102500 | 69.187 | 16.832 | 155.851 | 36763.109 | 43558.91 | 28.218 | 29.62 | 27.201 | 1.02 |
| 9/18/2018 16:30 | 1103400 | 69.184 | 16.83 | 155.845 | 36778.418 | 43578.617 | 28.232 | 29.633 | 27.19 | 1.02 |
| 9/18/2018 16:45 | 1104300 | 69.185 | 16.836 | 155.845 | 36792.09 | 43589.164 | 28.24 | 29.641 | 27.18 | 1.02 |
| 9/18/2018 17:00 | 1105200 | 69.193 | 16.829 | 155.864 | 36741.547 | 43536.484 | 28.201 | 29.605 | 27.217 | 1.02 |
| 9/18/2018 17:15 | 1106100 | 69.198 | 16.835 | 155.876 | 36771.695 | 43566.043 | 28.223 | 29.625 | 27.195 | 1.02 |
| 9/18/2018 17:30 | 1107000 | 69.202 | 16.83 | 155.884 | 36768.461 | 43566.988 | 28.223 | 29.626 | 27.197 | 1.02 |
| 9/18/2018 17:45 | 1107900 | 69.197 | 16.825 | 155.872 | 36781.758 | 43587.695 | 28.238 | 29.64 | 27.187 | 1.02 |
| 9/18/2018 18:00 | 1108800 | 69.202 | 16.841 | 155.884 | 36797.871 | 43590.723 | 28.241 | 29.642 | 27.175 | 1.02 |
| 9/18/2018 18:15 | 1109700 | 69.203 | 16.83 | 155.886 | 36766.996 | 43565.68 | 28.222 | 29.625 | 27.198 | 1.02 |
| 9/18/2018 18:30 | 1110600 | 69.21 | 16.841 | 155.902 | 36756.75 | 43542.52 | 28.206 | 29.609 | 27.206 | 1.02 |
| 9/18/2018 18:45 | 1111500 | 69.207 | 16.831 | 155.895 | 36757.898 | 43553.594 | 28.214 | 29.616 | 27.205 | 1.02 |
| 9/18/2018 19:00 | 1112400 | 69.207 | 16.827 | 155.895 | 36752.191 | 43550.223 | 28.211 | 29.614 | 27.209 | 1.02 |
| 9/18/2018 19:15 | 1113300 | 69.213 | 16.839 | 155.909 | 36757.789 | 43545.141 | 28.208 | 29.611 | 27.205 | 1.02 |
| 9/18/2018 19:30 | 1114200 | 69.216 | 16.827 | 155.916 | 36764.852 | 43565.223 | 28.222 | 29.624 | 27.2 | 1.02 |
| 9/18/2018 19:45 | 1115100 | 69.217 | 16.839 | 155.918 | 36769.992 | 43559.688 | 28.219 | 29.621 | 27.196 | 1.02 |
| 9/18/2018 20:00 | 1116000 | 69.216 | 16.845 | 155.916 | 36773.969 | 43558.496 | 28.218 | 29.62 | 27.193 | 1.02 |
| 9/18/2018 20:15 | 1116900 | 69.217 | 16.833 | 155.917 | 36757.77 | 43551.625 | 28.212 | 29.615 | 27.205 | 1.02 |
| 9/18/2018 20:30 | 1117800 | 69.216 | 16.833 | 155.916 | 36761.484 | 43555.594 | 28.215 | 29.618 | 27.202 | 1.02 |
| 9/18/2018 20:45 | 1118700 | 69.22 | 16.832 | 155.925 | 36760.195 | 43555.02 | 28.215 | 29.617 | 27.203 | 1.02 |
| 9/18/2018 21:00 | 1119600 | 69.231 | 16.831 | 155.95 | 36773.156 | 43571.945 | 28.227 | 29.629 | 27.194 | 1.02 |
| 9/18/2018 21:15 | 1120500 | 69.234 | 16.839 | 155.956 | 36770.027 | 43547.793 | 28.21 | 29.613 | 27.203 | 1.02 |
| 9/18/2018 21:30 | 1121400 | 69.216 | 16.833 | 155.916 | 36790.375 | 43590.082 | 28.24 | 29.641 | 27.181 | 1.02 |
| 9/18/2018 21:45 | 1122300 | 69.217 | 16.842 | 155.919 | 36783.09 | 43572.586 | 28.228 | 29.629 | 27.186 | 1.02 |
| 9/18/2018 22:00 | 1123200 | 69.214 | 16.845 | 155.911 | 36770.086 | 43553.977 | 28.215 | 29.617 | 27.196 | 1.02 |
| 9/18/2018 22:15 | 1124100 | 69.216 | 16.833 | 155.916 | 36768.211 | 43563.48 | 28.221 | 29.623 | 27.197 | 1.02 |
| 9/18/2018 22:30 | 1125000 | 69.219 | 16.847 | 155.923 | 36790.457 | 43576.207 | 28.231 | 29.632 | 27.181 | 1.02 |
| 9/18/2018 22:45 | 1125900 | 69.212 | 16.837 | 155.907 | 36794.336 | 43590.699 | 28.241 | 29.642 | 27.178 | 1.02 |
| 9/18/2018 23:00 | 1126800 | 69.213 | 16.827 | 155.91 | 36791.023 | 43596.328 | 28.244 | 29.646 | 27.181 | 1.02 |
| 9/18/2018 23:15 | 1127700 | 69.212 | 16.836 | 155.907 | 36760.332 | 43551.539 | 28.213 | 29.615 | 27.203 | 1.02 |
| 9/18/2018 23:30 | 1128600 | 69.201 | 16.826 | 155.881 | 36790.352 | 43587.191 | 28.238 | 29.639 | 27.181 | 1.02 |
| 9/18/2018 23:45 | 1129500 | 69.2 | 16.839 | 155.879 | 36751.598 | 43548.301 | 28.21 | 29.613 | 27.21 | 1.02 |
| 9/19/2018 0:00 | 1130400 | 69.198 | 16.829 | 155.876 | 36758.141 | 43555.453 | 28.215 | 29.618 | 27.205 | 1.02 |
| 9/19/2018 0:15 | 1131300 | 69.198 | 16.814 | 155.876 | 36763.547 | 43577.145 | 28.223 | 29.632 | 27.201 | 1.02 |
| 9/19/2018 0:30 | 1132200 | 69.209 | 16.822 | 155.901 | 36767.59 | 43573.586 | 28.228 | 29.63 | 27.198 | 1.02 |
| 9/19/2018 0:45 | 1133100 | 69.189 | 16.825 | 155.854 | 36765.223 | 43567.656 | 28.224 | 29.626 | 27.2 | 1.02 |
| 9/19/2018 1:00 | 1134000 | 69.18 | 16.831 | 15 | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/19/2018 23:30 | 1215000 | 69.207 | 16.834 | 155.895 | 36786.758 | 43584.754 | 28.236 | 29.638 | 27.184 | 1.02 |
| 9/19/2018 23:45 | 1215900 | 69.204 | 16.834 | 155.889 | 36767.059 | 43561.063 | 28.219 | 29.622 | 27.198 | 1.02 |
| 9/20/2018 0:00 | 1216800 | 69.206 | 16.833 | 155.893 | 36787.488 | 43586.055 | 28.237 | 29.639 | 27.183 | 1.02 |
| 9/20/2018 0:15 | 1217700 | 69.206 | 16.84 | 155.893 | 36776.047 | 43566.004 | 28.223 | 29.625 | 27.192 | 1.02 |
| 9/20/2018 0:30 | 1218600 | 69.203 | 16.838 | 155.887 | 36774.656 | 43566.68 | 28.224 | 29.625 | 27.193 | 1.02 |
| 9/20/2018 0:45 | 1219500 | 69.198 | 16.838 | 155.876 | 36819.797 | 43620.082 | 28.262 | 29.662 | 27.159 | 1.02 |
| 9/20/2018 1:00 | 1220400 | 69.195 | 16.835 | 155.868 | 36761.195 | 43553.004 | 28.214 | 29.616 | 27.203 | 1.02 |
| 9/20/2018 1:15 | 1221300 | 69.195 | 16.823 | 155.868 | 36752.098 | 43554.098 | 28.214 | 29.617 | 27.209 | 1.02 |
| 9/20/2018 1:30 | 1222200 | 69.188 | 16.835 | 155.852 | 36764.703 | 43557.496 | 28.217 | 29.619 | 27.2 | 1.02 |
| 9/20/2018 1:45 | 1223100 | 69.183 | 16.847 | 155.842 | 36776.395 | 43559.551 | 28.219 | 29.62 | 27.191 | 1.02 |
| 9/20/2018 2:00 | 1224000 | 69.18 | 16.825 | 155.836 | 36774.137 | 43578.746 | 28.231 | 29.634 | 27.193 | 1.02 |
| 9/20/2018 2:15 | 1224900 | 69.176 | 16.832 | 155.827 | 36773.824 | 43571.688 | 28.227 | 29.629 | 27.193 | 1.02 |
| 9/20/2018 2:30 | 1225800 | 69.17 | 16.829 | 155.812 | 36751.148 | 43547.258 | 28.209 | 29.612 | 27.21 | 1.02 |
| 9/20/2018 2:45 | 1226700 | 69.167 | 16.826 | 155.805 | 36777.215 | 43581.695 | 28.234 | 29.636 | 27.191 | 1.02 |
| 9/20/2018 3:00 | 1227600 | 69.167 | 16.832 | 155.805 | 36761.395 | 43557.051 | 28.216 | 29.619 | 27.202 | 1.02 |
| 9/20/2018 3:15 | 1228500 | 69.167 | 16.83 | 155.804 | 36754.594 | 43550.73 | 28.212 | 29.614 | 27.207 | 1.02 |
| 9/20/2018 3:30 | 1229400 | 69.16 | 16.83 | 155.79 | 36768.801 | 43567.82 | 28.224 | 29.626 | 27.197 | 1.02 |
| 9/20/2018 3:45 | 1230300 | 69.151 | 16.836 | 155.769 | 36768.117 | 43560.242 | 28.219 | 29.621 | 27.197 | 1.02 |
| 9/20/2018 4:00 | 1231200 | 69.156 | 16.832 | 155.78 | 36762.852 | 43558.344 | 28.217 | 29.62 | 27.201 | 1.02 |
| 9/20/2018 4:15 | 1232100 | 69.149 | 16.822 | 155.765 | 36750.461 | 43553.039 | 28.213 | 29.616 | 27.211 | 1.02 |
| 9/20/2018 4:30 | 1233000 | 69.144 | 16.829 | 155.754 | 36766.539 | 43565.492 | 28.222 | 29.625 | 27.199 | 1.02 |
| 9/20/2018 4:45 | 1233900 | 69.136 | 16.84 | 155.736 | 36783.41 | 43574.363 | 28.229 | 29.631 | 27.186 | 1.02 |
| 9/20/2018 5:00 | 1234800 | 69.136 | 16.835 | 155.736 | 36768.5 | 43562.258 | 28.22 | 29.622 | 27.197 | 1.02 |
| 9/20/2018 5:15 | 1235700 | 69.135 | 16.841 | 155.733 | 36753.531 | 43538.105 | 28.203 | 29.606 | 27.208 | 1.02 |
| 9/20/2018 5:30 | 1236600 | 69.14 | 16.843 | 155.745 | 36780.133 | 43567.789 | 28.225 | 29.626 | 27.189 | 1.02 |
| 9/20/2018 5:45 | 1237500 | 69.132 | 16.837 | 155.728 | 36760.602 | 43550.563 | 28.212 | 29.614 | 27.203 | 1.02 |
| 9/20/2018 6:00 | 1238400 | 69.133 | 16.823 | 155.73 | 36750.305 | 43552.328 | 28.212 | 29.616 | 27.211 | 1.02 |
| 9/20/2018 6:15 | 1239300 | 69.133 | 16.839 | 155.729 | 36783.734 | 43576.402 | 28.231 | 29.632 | 27.186 | 1.02 |
| 9/20/2018 6:30 | 1240200 | 69.133 | 16.829 | 155.729 | 36774.902 | 43575.313 | 28.229 | 29.631 | 27.192 | 1.02 |
| 9/20/2018 6:45 | 1241100 | 69.136 | 16.828 | 155.735 | 36767.379 | 43567.172 | 28.223 | 29.626 | 27.198 | 1.02 |
| 9/20/2018 7:00 | 1242000 | 69.136 | 16.837 | 155.735 | 36803.469 | 43601.426 | 28.248 | 29.649 | 27.171 | 1.02 |
| 9/20/2018 7:15 | 1242900 | 69.13 | 16.825 | 155.723 | 36772.16 | 43576.23 | 28.23 | 29.632 | 27.194 | 1.02 |
| 9/20/2018 7:30 | 1243800 | 69.133 | 16.826 | 155.73 | 36763.082 | 43564.43 | 28.221 | 29.624 | 27.201 | 1.02 |
| 9/20/2018 7:45 | 1244700 | 69.137 | 16.822 | 155.737 | 36745.477 | 43547.129 | 28.209 | 29.612 | 27.214 | 1.02 |
| 9/20/2018 8:00 | 1245600 | 69.133 | 16.833 | 155.73 | 36751.656 | 43544.121 | 28.207 | 29.61 | 27.21 | 1.02 |
| 9/20/2018 8:15 | 1246500 | 69.133 | 16.83 | 155.73 | 36779 | 43578.949 | 28.232 | 29.634 | 27.189 | 1.02 |
| 9/20/2018 8:30 | 1247400 | 69.139 | 16.835 | 155.742 | 36760.227 | 43552.367 | 28.213 | 29.616 | 27.203 | 1.02 |
| 9/20/2018 8:45 | 1248300 | 69.147 | 16.827 | 155.761 | 36760.516 | 43560.777 | 28.219 | 29.621 | 27.203 | 1.02 |
| 9/20/2018 9:00 | 1249200 | 69.144 | 16.83 | 155.754 | 36776.496 | 43576.512 | 28.23 | 29.632 | 27.191 | 1.02 |
| 9/20/2018 9:15 | 1250100 | 69.149 | 16.839 | 155.764 | 36790.367 | 43583.648 | 28.236 | 29.637 | 27.181 | 1.02 |
| 9/20/2018 9:30 | 1251000 | 69.151 | 16.825 | 155.77 | 36747.359 | 43547.27 | 28.209 | 29.612 | 27.213 | 1.02 |
| 9/20/2018 9:45 | 1251900 | 69.156 | 16.833 | 155.781 | 36771.113 | 43567.348 | 28.224 | 29.626 | 27.195 | 1.02 |
| 9/20/2018 10:00 | 1252800 | 69.16 | 16.833 | 155.789 | 36785.148 | 43584.066 | 28.236 | 29.637 | 27.185 | 1.02 |
| 9/20/2018 10:15 | 1253700 | 69.158 | 16.835 | 155.786 | 36747.711 | 43537.273 | 28.202 | 29.605 | 27.213 | 1.02 |
| 9/20/2018 10:30 | 1254600 | 69.161 | 16.824 | 155.792 | 36770.297 | 43574.715 | 28.229 | 29.631 | 27.196 | 1.02 |
| 9/20/2018 10:45 | 1255500 | 69.165 | 16.828 | 155.801 | 36770.055 | 43570.605 | 28.226 | 29.628 | 27.196 | 1.02 |
| 9/20/2018 11:00 | 1256400 | 69.181 | 16.844 | 155.838 | 36758.488 | 43552.129 | 28.213 | 29.615 | 27.205 | 1.02 |
| 9/20/2018 11:15 | 1257300 | 69.17 | 16.833 | 155.811 | 36748.48 | 43529.344 | 28.197 | 29.6 | 27.212 | 1.02 |
| 9/20/2018 11:30 | 1258200 | 69.171 | 16.83 | 155.815 | 36784.992 | 43586.406 | 28.237 | 29.639 | 27.185 | 1.02 |
| 9/20/2018 11:45 | 1259100 | 69.175 | 16.825 | 155.823 | 36774.641 | 43578.816 | 28.232 | 29.634 | 27.193 | 1.02 |
| 9/20/2018 12:00 | 1260000 | 69.171 | 16.828 | 155.816 | 36772.262 | 43573.395 | 28.228 | 29.63 | 27.194 | 1.02 |
| 9/20/2018 12:15 | 1260900 | 69.175 | 16.833 | 155.823 | 36807.566 | 43609.078 | 28.254 | 29.655 | 27.168 | 1.02 |
| 9/20/2018 12:30 | 1261800 | 69.176 | 16.83 | 155.825 | 36795.145 | 43598.078 | 28.246 | 29.647 | 27.177 | 1.02 |
| 9/20/2018 12:45 | 1262700 | 69.174 | 16.834 | 155.821 | 36785.664 | 43583.023 | 28.235 | 29.636 | 27.185 | 1.02 |
| 9/20/2018 13:00 | 1263600 | 69.177 | 16.829 | 155.828 | 36756.539 | 43553.555 | 28.214 | 29.616 | 27.206 | 1.02 |
| 9/20/2018 13:15 | 1264500 | 69.177 | 16.827 | 155.828 | 36781.215 | 43584.961 | 28.236 | 29.638 | 27.188 | 1.02 |
| 9/20/2018 13:30 | 1265400 | 69.18 | 16.834 | 155.835 | 36773.109 | 43568.848 | 28.225 | 29.627 | 27.194 | 1.02 |
| 9/20/2018 13:45 | 1266300 | 69.176 | 16.838 | 155.827 | 36786.742 | 43580.313 | 28.233 | 29.635 | 27.184 | 1.02 |
| 9/20/2018 14:00 | 1267200 | 69.176 | 16.84 | 155.827 | 36766.41 | 43554.223 | 28.215 | 29.617 | 27.199 | 1.02 |
| 9/20/2018 14:15 | 1268100 | 69.181 | 16.837 | 155.837 | 36771.871 | 43563.816 | 28.221 | 29.623 | 27.195 | 1.02 |
| 9/20/2018 14:30 | 1269000 | 69.178 | 16.83 | 155.829 | 36780.039 | 43581.137 | 28.233 | 29.635 | 27.189 | 1.02 |
| 9/20/2018 14:45 | 1269900 | 69.181 | 16.827 | 155.836 | 36753.012 | 43551.367 | 28.212 | 29.615 | 27.209 | 1.02 |
| 9/20/2018 15:00 | 1270800 | 69.182 | 16.826 | 155.839 | 36760.531 | 43561.316 | 28.219 | 29.622 | 27.203 | 1.02 |
| 9/20/2018 15:15 | 1271700 | 69.178 | 16.827 | 155.829 | 36766.387 | 43567.215 | 28.223 | 29.626 | 27.199 | 1.02 |
| 9/20/2018 15:30 | 1272600 | 69.182 | 16.826 | 155.839 | 36793.246 | 43599.828 | 28.247 | 29.648 | 27.179 | 1.02 |
| 9/20/2018 15:45 | 1273500 | 69.178 | 16.834 | 155.829 | 36773.984 | 43569.102 | 28.225 | 29.627 | 27.193 | 1.02 |
| 9/20/2018 16:00 | 1274400 | 69.181 | 16.826 | 155.837 | 36764.973 | 43566.852 | 28.223 | 29.625 | 27.2 | 1.02 |
| 9/20/2018 16:15 | 1275300 | 69.181 | 16.828 | 155.836 | 36757.508 | 43556.086 | 28.215 | 29.618 | 27.205 | 1.02 |
| 9/20/2018 16:30 | 1276200 | 69.176 | 16.831 | 155.825 | 36777.504 | 43576.742 | 28.23 | 29.632 | 27.191 | 1.02 |
| 9/20/2018 16:45 | 1277100 | 69.181 | 16.82 | 155.836 | 36757.973 | 43564.289 | 28.221 | 29.624 | 27.205 | 1.02 |
| 9/20/2018 17:00 | 1278000 | 69.178 | 16.833 | 155.829 | 36767.48 | 43562.523 | 28.22 | 29.623 | 27.198 | 1.02 |
| 9/20/2018 17:15 | 1278900 | 69.177 | 16.851 | 155.819 | 36780.82 | 43561.219 | 28.22 | 29.622 | 27.188 | 1.02 |
| 9/20/2018 17:30 | 1279800 | 69.178 | 16.835 | 155.829 | 36766.656 | 43559.902 | 28.218 | 29.621 | 27.199 | 1.02 |
| 9/20/2018 17:45 | 1280700 | 69.177 | 16.842 | 155.828 | 36788.41 | 43578.301 | 28.232 | 29.633 | 27.182 | 1.02 |
| 9/20/2018 18:00 | 1281600 | 69.186 | 16.834 | 155.849 | 36736.793 | 43525.293 | 28.194 | 29.597 | 27.221 | 1.02 |
| 9/20/2018 18:15 | 1282500 | 69.185 | 16.831 | 155.846 | 36758.305 | 43553.566 | 28.214 | 29.616 | 27.205 | 1.02 |
| 9/20/2018 18:30 | 1283400 | 69.189 | 16.834 | 155.854 | 36774.512 | 43570.246 | 28.226 | 29.628 | 27.193 | 1.02 |
| 9/20/2018 18:45 | 1284300 | 69.191 | 16.842 | 155.86 | 36778.586 | 43567.25 | 28.224 | 29.626 | 27.19 | 1.02 |
| 9/20/2018 19:00 | 1285200 | 69.189 | 16.825 | 155.856 | 36762.465 | 43564.742 | 28.221 | 29.624 | 27.202 | 1.02 |
| 9/20/2018 19:15 | 1286100 | 69.189 | 16.834 | 155.856 | 36750.258 | 43541.16 | 28.205 | 29.608 | 27.211 | 1.02 |
| 9/20/2018 19:30 | 1287000 | 69.194 | 16.832 | 155.867 | 36779.324 | 43577.684 | 28.231 | 29.633 | 27.189 | 1.02 |
| 9/20/2018 19:45 | 1287900 | 69.198 | 16.827 | 155.875 | 36750.809 | 43549.027 | 28.21 | 29.613 | 27.21 | 1.02 |
| 9/20/2018 20:00 | 1288800 | 69.202 | 16.829 | 155.884 | 36765.07 | 43564.008 | 28.221 | 29.624 | 27.2 | 1.02 |
| 9/20/2018 20:15 | 1289700 | 69.198 | 16.834 | 155.875 | 36782.258 | 43579.688 | 28.233 | 29.634 | 27.187 | 1.02 |
| 9/20/2018 20:30 | 1290600 | 69.203 | 16.852 | 155.887 | 36783.215 | 43562.418 | 28.221 | 29.622 | 27.186 | 1.02 |
| 9/20/2018 20:45 | 1291500 | 69.206 | 16.841 | 155.893 | 36786.816 | 43577.953 | 28.232 | 29.633 | 27.184 | 1.02 |
| 9/20/2018 21:00 | 1292400 | 69.212 | 16.836 | 155.906 | 36762.477 | 43553.992 | 28.214 | 29.617 | 27.202 | 1.02 |
| 9/20/2018 21:15 | 1293300 | 69.227 | 16.828 | 155.94 | 36752.25 | 43549.855 | 28.211 | 29.614 | 27.209 | 1.02 |
| 9/20/2018 21:30 | 1294200 | 69.23 | 16.839 | | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/21/2018 20:00 | 1375200 | 69.177 | 16.83 | 155.828 | 36753.676 | 43549.121 | 28.21 | 29.613 | 27.208 | 1.02 |
| 9/21/2018 20:15 | 1376100 | 69.181 | 16.833 | 155.837 | 36777.68 | 43574.52 | 28.229 | 29.631 | 27.19 | 1.02 |
| 9/21/2018 20:30 | 1377000 | 69.177 | 16.846 | 155.828 | 36765.949 | 43548.395 | 28.211 | 29.613 | 27.199 | 1.02 |
| 9/21/2018 20:45 | 1377900 | 69.183 | 16.831 | 155.842 | 36763.293 | 43560.258 | 28.218 | 29.621 | 27.201 | 1.02 |
| 9/21/2018 21:00 | 1378800 | 69.185 | 16.841 | 155.847 | 36786.055 | 43577.324 | 28.221 | 29.633 | 27.204 | 1.02 |
| 9/21/2018 21:15 | 1379700 | 69.193 | 16.825 | 155.864 | 36759.371 | 43561.078 | 28.219 | 29.622 | 27.204 | 1.02 |
| 9/21/2018 21:30 | 1380600 | 69.193 | 16.826 | 155.865 | 36757.262 | 43547.465 | 28.21 | 29.612 | 27.206 | 1.02 |
| 9/21/2018 21:45 | 1381500 | 69.195 | 16.829 | 155.868 | 36746.285 | 43541.832 | 28.205 | 29.608 | 27.214 | 1.02 |
| 9/21/2018 22:00 | 1382400 | 69.195 | 16.829 | 155.868 | 36797.676 | 43602.645 | 28.249 | 29.65 | 27.176 | 1.02 |
| 9/21/2018 22:15 | 1383300 | 69.198 | 16.836 | 155.875 | 36768.75 | 43561.684 | 28.22 | 29.622 | 27.197 | 1.02 |
| 9/21/2018 22:30 | 1384200 | 69.203 | 16.825 | 155.886 | 36753.91 | 43554.695 | 28.214 | 29.617 | 27.208 | 1.02 |
| 9/21/2018 22:45 | 1385100 | 69.216 | 16.823 | 155.915 | 36764.895 | 43569.434 | 28.225 | 29.627 | 27.2 | 1.02 |
| 9/21/2018 23:00 | 1386000 | 69.207 | 16.836 | 155.897 | 36784.945 | 43580.18 | 28.233 | 29.635 | 27.185 | 1.02 |
| 9/21/2018 23:15 | 1386900 | 69.201 | 16.822 | 155.883 | 36745.457 | 43547.105 | 28.209 | 29.612 | 27.214 | 1.02 |
| 9/21/2018 23:30 | 1387800 | 69.209 | 16.828 | 155.901 | 36765.133 | 43565.219 | 28.222 | 29.624 | 27.2 | 1.02 |
| 9/21/2018 23:45 | 1388700 | 69.209 | 16.825 | 155.901 | 36758.141 | 43559.875 | 28.218 | 29.621 | 27.205 | 1.02 |
| 9/22/2018 0:00 | 1389600 | 69.207 | 16.837 | 155.897 | 36755.465 | 43544.379 | 28.207 | 29.61 | 27.207 | 1.02 |
| 9/22/2018 0:15 | 1390500 | 69.206 | 16.823 | 155.894 | 36770.93 | 43576.684 | 28.23 | 29.632 | 27.195 | 1.02 |
| 9/22/2018 0:30 | 1391400 | 69.203 | 16.836 | 155.886 | 36764.898 | 43556.43 | 28.216 | 29.618 | 27.2 | 1.02 |
| 9/22/2018 0:45 | 1392300 | 69.203 | 16.83 | 155.887 | 36776.66 | 43576.441 | 28.23 | 29.632 | 27.191 | 1.02 |
| 9/22/2018 1:00 | 1393200 | 69.205 | 16.837 | 155.89 | 36765.867 | 43557.223 | 28.217 | 29.619 | 27.199 | 1.02 |
| 9/22/2018 1:15 | 1394100 | 69.204 | 16.844 | 155.888 | 36770.453 | 43555.805 | 28.216 | 29.618 | 27.196 | 1.02 |
| 9/22/2018 1:30 | 1395000 | 69.198 | 16.83 | 155.876 | 36777.215 | 43577.438 | 28.231 | 29.633 | 27.191 | 1.02 |
| 9/22/2018 1:45 | 1395900 | 69.198 | 16.838 | 155.876 | 36792.938 | 43587.652 | 28.239 | 29.64 | 27.179 | 1.02 |
| 9/22/2018 2:00 | 1396800 | 69.195 | 16.833 | 155.868 | 36741.027 | 43531.965 | 28.198 | 29.602 | 27.218 | 1.02 |
| 9/22/2018 2:15 | 1397700 | 69.189 | 16.839 | 155.856 | 36774.625 | 43564.906 | 28.222 | 29.624 | 27.193 | 1.02 |
| 9/22/2018 2:30 | 1398600 | 69.185 | 16.819 | 155.846 | 36766.32 | 43575.301 | 28.229 | 29.631 | 27.199 | 1.02 |
| 9/22/2018 2:45 | 1399500 | 69.185 | 16.83 | 155.846 | 36774.605 | 43574.609 | 28.229 | 29.631 | 27.193 | 1.02 |
| 9/22/2018 3:00 | 1400400 | 69.178 | 16.834 | 155.829 | 36775.512 | 43570.914 | 28.226 | 29.628 | 27.192 | 1.02 |
| 9/22/2018 3:15 | 1401300 | 69.176 | 16.839 | 155.825 | 36771.512 | 43561.66 | 28.22 | 29.622 | 27.195 | 1.02 |
| 9/22/2018 3:30 | 1402200 | 69.171 | 16.835 | 155.815 | 36764.922 | 43558.02 | 28.217 | 29.619 | 27.2 | 1.02 |
| 9/22/2018 3:45 | 1403100 | 69.186 | 16.822 | 155.848 | 36756.047 | 43550.359 | 28.211 | 29.614 | 27.206 | 1.02 |
| 9/22/2018 4:00 | 1404000 | 69.161 | 16.834 | 155.792 | 36761.375 | 43554.68 | 28.215 | 29.617 | 27.202 | 1.02 |
| 9/22/2018 4:15 | 1404900 | 69.161 | 16.825 | 155.792 | 36794.832 | 43603.012 | 28.249 | 29.65 | 27.178 | 1.02 |
| 9/22/2018 4:30 | 1405800 | 69.156 | 16.84 | 155.78 | 36757.965 | 43544.914 | 28.208 | 29.611 | 27.205 | 1.02 |
| 9/22/2018 4:45 | 1406700 | 69.151 | 16.842 | 155.768 | 36766.355 | 43552.176 | 28.213 | 29.615 | 27.199 | 1.02 |
| 9/22/2018 5:00 | 1407600 | 69.148 | 16.834 | 155.762 | 36762.715 | 43556.188 | 28.216 | 29.618 | 27.201 | 1.02 |
| 9/22/2018 5:15 | 1408500 | 69.147 | 16.831 | 155.761 | 36751.867 | 43546.027 | 28.208 | 29.611 | 27.21 | 1.02 |
| 9/22/2018 5:30 | 1409400 | 69.144 | 16.827 | 155.754 | 36747.957 | 43545.551 | 28.208 | 29.611 | 27.212 | 1.02 |
| 9/22/2018 5:45 | 1410300 | 69.139 | 16.823 | 155.742 | 36765.359 | 43569.738 | 28.225 | 29.627 | 27.2 | 1.02 |
| 9/22/2018 6:00 | 1411200 | 69.133 | 16.832 | 155.73 | 36762.793 | 43557.926 | 28.217 | 29.619 | 27.201 | 1.02 |
| 9/22/2018 6:15 | 1412100 | 69.133 | 16.834 | 155.729 | 36780.555 | 43577.145 | 28.231 | 29.632 | 27.188 | 1.02 |
| 9/22/2018 6:30 | 1413000 | 69.128 | 16.828 | 155.717 | 36765.313 | 43564.906 | 28.222 | 29.624 | 27.2 | 1.02 |
| 9/22/2018 6:45 | 1413900 | 69.133 | 16.83 | 155.73 | 36772.328 | 43571.57 | 28.227 | 29.629 | 27.194 | 1.02 |
| 9/22/2018 7:00 | 1414800 | 69.128 | 16.833 | 155.718 | 36742.934 | 43534.223 | 28.2 | 29.603 | 27.216 | 1.02 |
| 9/22/2018 7:15 | 1415700 | 69.132 | 16.825 | 155.728 | 36736.031 | 43533.508 | 28.199 | 29.603 | 27.221 | 1.02 |
| 9/22/2018 7:30 | 1416600 | 69.126 | 16.83 | 155.713 | 36799.336 | 43604 | 28.25 | 29.651 | 27.174 | 1.02 |
| 9/22/2018 7:45 | 1417500 | 69.13 | 16.832 | 155.723 | 36764.082 | 43559.801 | 28.218 | 29.624 | 27.2 | 1.02 |
| 9/22/2018 8:00 | 1418400 | 69.145 | 16.833 | 155.755 | 36771.59 | 43568.094 | 28.224 | 29.626 | 27.195 | 1.02 |
| 9/22/2018 8:15 | 1419300 | 69.13 | 16.831 | 155.722 | 36761.691 | 43557.668 | 28.217 | 29.619 | 27.202 | 1.02 |
| 9/22/2018 8:30 | 1420200 | 69.127 | 16.841 | 155.715 | 36763.547 | 43550.059 | 28.212 | 29.614 | 27.201 | 1.02 |
| 9/22/2018 8:45 | 1421100 | 69.13 | 16.828 | 155.722 | 36766.762 | 43566.539 | 28.223 | 29.625 | 27.198 | 1.02 |
| 9/22/2018 9:00 | 1422000 | 69.13 | 16.841 | 155.722 | 36799.426 | 43592.891 | 28.243 | 29.643 | 27.174 | 1.02 |
| 9/22/2018 9:15 | 1422900 | 69.137 | 16.844 | 155.737 | 36761.375 | 43544.617 | 28.208 | 29.61 | 27.202 | 1.02 |
| 9/22/2018 9:30 | 1423800 | 69.145 | 16.824 | 155.756 | 36771.363 | 43575.898 | 28.229 | 29.632 | 27.195 | 1.02 |
| 9/22/2018 9:45 | 1424700 | 69.141 | 16.83 | 155.746 | 36758.969 | 43555.57 | 28.215 | 29.618 | 27.204 | 1.02 |
| 9/22/2018 10:00 | 1425600 | 69.141 | 16.828 | 155.746 | 36741.273 | 43536.336 | 28.201 | 29.605 | 27.217 | 1.02 |
| 9/22/2018 10:15 | 1426500 | 69.147 | 16.829 | 155.761 | 36776.023 | 43577.16 | 28.231 | 29.632 | 27.192 | 1.02 |
| 9/22/2018 10:30 | 1427400 | 69.149 | 16.831 | 155.765 | 36752.582 | 43546.785 | 28.209 | 29.612 | 27.209 | 1.02 |
| 9/22/2018 10:45 | 1428300 | 69.15 | 16.829 | 155.767 | 36756.914 | 43554.172 | 28.214 | 29.617 | 27.206 | 1.02 |
| 9/22/2018 11:00 | 1429200 | 69.151 | 16.825 | 155.77 | 36775.379 | 43579.863 | 28.232 | 29.634 | 27.192 | 1.02 |
| 9/22/2018 11:15 | 1430100 | 69.151 | 16.841 | 155.769 | 36760.844 | 43547.188 | 28.21 | 29.612 | 27.203 | 1.02 |
| 9/22/2018 11:30 | 1431000 | 69.161 | 16.829 | 155.792 | 36734.34 | 43527.168 | 28.195 | 29.598 | 27.222 | 1.02 |
| 9/22/2018 11:45 | 1431900 | 69.161 | 16.835 | 155.792 | 36750.285 | 43540.676 | 28.205 | 29.608 | 27.211 | 1.02 |
| 9/22/2018 12:00 | 1432800 | 69.178 | 16.828 | 155.831 | 36763.152 | 43562.43 | 28.22 | 29.622 | 27.201 | 1.02 |
| 9/22/2018 12:15 | 1433700 | 69.165 | 16.826 | 155.801 | 36739.707 | 43536.383 | 28.201 | 29.605 | 27.219 | 1.02 |
| 9/22/2018 12:30 | 1434600 | 69.167 | 16.833 | 155.804 | 36786.953 | 43586.203 | 28.237 | 29.639 | 27.184 | 1.02 |
| 9/22/2018 12:45 | 1435500 | 69.171 | 16.833 | 155.815 | 36752.227 | 43544.359 | 28.207 | 29.61 | 27.209 | 1.02 |
| 9/22/2018 13:00 | 1436400 | 69.171 | 16.829 | 155.814 | 36750.316 | 43546.355 | 28.208 | 29.612 | 27.211 | 1.02 |
| 9/22/2018 13:15 | 1437300 | 69.171 | 16.837 | 155.815 | 36778.066 | 43571.676 | 28.227 | 29.629 | 27.19 | 1.02 |
| 9/22/2018 13:30 | 1438200 | 69.171 | 16.842 | 155.815 | 36783.918 | 43573.316 | 28.229 | 29.63 | 27.186 | 1.02 |
| 9/22/2018 13:45 | 1439100 | 69.171 | 16.833 | 155.815 | 36773.934 | 43570.426 | 28.226 | 29.628 | 27.193 | 1.02 |
| 9/22/2018 14:00 | 1440000 | 69.174 | 16.831 | 155.821 | 36759.715 | 43555.234 | 28.215 | 29.618 | 27.204 | 1.02 |
| 9/22/2018 14:15 | 1440900 | 69.189 | 16.833 | 155.855 | 36761.145 | 43555.363 | 28.215 | 29.618 | 27.203 | 1.02 |
| 9/22/2018 14:30 | 1441800 | 69.17 | 16.836 | 155.812 | 36768.363 | 43561.398 | 28.22 | 29.622 | 27.197 | 1.02 |
| 9/22/2018 14:45 | 1442700 | 69.172 | 16.839 | 155.816 | 36779.57 | 43571.375 | 28.227 | 29.629 | 27.189 | 1.02 |
| 9/22/2018 15:00 | 1443600 | 69.167 | 16.846 | 155.805 | 36758.285 | 43538.965 | 28.204 | 29.606 | 27.205 | 1.02 |
| 9/22/2018 15:15 | 1444500 | 69.17 | 16.842 | 155.812 | 36765.723 | 43552.012 | 28.213 | 29.615 | 27.199 | 1.02 |
| 9/22/2018 15:30 | 1445400 | 69.182 | 16.832 | 155.839 | 36761.465 | 43556.438 | 28.216 | 29.618 | 27.202 | 1.02 |
| 9/22/2018 15:45 | 1446300 | 69.18 | 16.843 | 155.834 | 36777.504 | 43565.199 | 28.223 | 29.624 | 27.191 | 1.02 |
| 9/22/2018 16:00 | 1447200 | 69.164 | 16.84 | 155.798 | 36777.352 | 43567.449 | 28.224 | 29.626 | 27.191 | 1.02 |
| 9/22/2018 16:15 | 1448100 | 69.161 | 16.839 | 155.792 | 36756 | 43542.844 | 28.206 | 29.609 | 27.206 | 1.02 |
| 9/22/2018 16:30 | 1449000 | 69.17 | 16.834 | 155.812 | 36766.484 | 43561.09 | 28.219 | 29.622 | 27.199 | 1.02 |
| 9/22/2018 16:45 | 1449900 | 69.165 | 16.821 | 155.801 | 36771.047 | 43578.648 | 28.231 | 29.633 | 27.195 | 1.02 |
| 9/22/2018 17:00 | 1450800 | 69.161 | 16.842 | 155.792 | 36766.043 | 43552.055 | 28.213 | 29.615 | 27.199 | 1.02 |
| 9/22/2018 17:15 | 1451700 | 69.16 | 16.826 | 155.789 | 36771.309 | 43574.176 | 28.228 | 29.63 | 27.195 | 1.02 |
| 9/22/2018 17:30 | 1452600 | 69.167 | 16.833 | 155.805 | 36771.336 | 43568.828 | 28.225 | 29.627 | 27.195 | 1.02 |
| 9/22/2018 17:45 | 1453500 | 69.16 | 16.832 | 155.789 | 36762.203 | 43556.527 | 28.216 | 29.618 | 27.202 | 1.02 |
| 9/22/2018 18:00 | 1454400 | 69.16 | 16.836 | 155.789 | | | | | | |

| | | | | | | | | | | |
|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/23/2018 16:30 | 1535400 | 69.189 | 16.837 | 155.856 | 36761.328 | 43551.422 | 28.213 | 29.615 | 27.202 | 1.02 |
| 9/23/2018 16:45 | 1536300 | 69.189 | 16.839 | 155.856 | 36762.984 | 43551.477 | 28.213 | 29.615 | 27.201 | 1.02 |
| 9/23/2018 17:00 | 1537200 | 69.189 | 16.837 | 155.856 | 36764.703 | 43555.324 | 28.215 | 29.618 | 27.2 | 1.02 |
| 9/23/2018 17:15 | 1538100 | 69.189 | 16.842 | 155.854 | 36765.762 | 43551.723 | 28.213 | 29.615 | 27.199 | 1.02 |
| 9/23/2018 17:30 | 1539000 | 69.191 | 16.839 | 155.86 | 36795.781 | 43590.75 | 28.241 | 29.642 | 27.177 | 1.02 |
| 9/23/2018 17:45 | 1539900 | 69.188 | 16.831 | 155.852 | 36759.465 | 43555.277 | 28.215 | 29.618 | 27.204 | 1.02 |
| 9/23/2018 18:00 | 1540800 | 69.186 | 16.836 | 155.848 | 36782.254 | 43577.512 | 28.231 | 29.633 | 27.187 | 1.02 |
| 9/23/2018 18:15 | 1541700 | 69.185 | 16.832 | 155.847 | 36787.242 | 43586.805 | 28.238 | 29.639 | 27.183 | 1.02 |
| 9/23/2018 18:30 | 1542600 | 69.189 | 16.827 | 155.856 | 36763.273 | 43563.352 | 28.221 | 29.623 | 27.201 | 1.02 |
| 9/23/2018 18:45 | 1543500 | 69.186 | 16.835 | 155.848 | 36768.039 | 43561.27 | 28.219 | 29.622 | 27.198 | 1.02 |
| 9/23/2018 19:00 | 1544400 | 69.189 | 16.848 | 155.854 | 36789.297 | 43574.051 | 28.229 | 29.63 | 27.182 | 1.02 |
| 9/23/2018 19:15 | 1545300 | 69.189 | 16.823 | 155.854 | 36764.074 | 43568.734 | 28.224 | 29.627 | 27.2 | 1.02 |
| 9/23/2018 19:30 | 1546200 | 69.185 | 16.836 | 155.846 | 36770.734 | 43563.863 | 28.221 | 29.623 | 27.196 | 1.02 |
| 9/23/2018 19:45 | 1547100 | 69.193 | 16.825 | 155.864 | 36763.559 | 43565.684 | 28.222 | 29.625 | 27.201 | 1.02 |
| 9/23/2018 20:00 | 1548000 | 69.192 | 16.831 | 155.862 | 36752.742 | 43547.582 | 28.209 | 29.612 | 27.209 | 1.02 |
| 9/23/2018 20:15 | 1548900 | 69.197 | 16.823 | 155.872 | 36745.777 | 43546.781 | 28.208 | 29.612 | 27.214 | 1.02 |
| 9/23/2018 20:30 | 1549800 | 69.205 | 16.835 | 155.89 | 36790.27 | 43588.23 | 28.239 | 29.64 | 27.181 | 1.02 |
| 9/23/2018 20:45 | 1550700 | 69.206 | 16.83 | 155.893 | 36748.922 | 43543.738 | 28.207 | 29.61 | 27.212 | 1.02 |
| 9/23/2018 21:00 | 1551600 | 69.207 | 16.834 | 155.895 | 36776.699 | 43572.836 | 28.228 | 29.63 | 27.191 | 1.02 |
| 9/23/2018 21:15 | 1552500 | 69.207 | 16.823 | 155.895 | 36750.086 | 43551.805 | 28.212 | 29.615 | 27.211 | 1.02 |
| 9/23/2018 21:30 | 1553400 | 69.214 | 16.837 | 155.911 | 36768.121 | 43559.289 | 28.218 | 29.62 | 27.197 | 1.02 |
| 9/23/2018 21:45 | 1554300 | 69.216 | 16.836 | 155.916 | 36800.805 | 43599.051 | 28.247 | 29.647 | 27.173 | 1.02 |
| 9/23/2018 22:00 | 1555200 | 69.221 | 16.832 | 155.927 | 36767.906 | 43564.496 | 28.222 | 29.624 | 27.198 | 1.02 |
| 9/23/2018 22:15 | 1556100 | 69.226 | 16.841 | 155.937 | 36764.816 | 43551.301 | 28.213 | 29.615 | 27.2 | 1.02 |
| 9/23/2018 22:30 | 1557000 | 69.226 | 16.841 | 155.939 | 36760.195 | 43546 | 28.209 | 29.611 | 27.203 | 1.02 |
| 9/23/2018 22:45 | 1557900 | 69.231 | 16.835 | 155.949 | 36763.438 | 43556 | 28.216 | 29.618 | 27.201 | 1.02 |
| 9/23/2018 23:00 | 1558800 | 69.233 | 16.832 | 155.953 | 36768.793 | 43565.816 | 28.223 | 29.625 | 27.197 | 1.02 |
| 9/23/2018 23:15 | 1559700 | 69.242 | 16.844 | 155.974 | 36756.672 | 43539.219 | 28.204 | 29.607 | 27.206 | 1.02 |
| 9/23/2018 23:30 | 1560600 | 69.249 | 16.831 | 155.991 | 36784.469 | 43585.176 | 28.236 | 29.638 | 27.185 | 1.02 |
| 9/23/2018 23:45 | 1561500 | 69.248 | 16.839 | 155.988 | 36771.066 | 43561.395 | 28.22 | 29.622 | 27.195 | 1.02 |
| 9/24/2018 0:00 | 1562400 | 69.252 | 16.828 | 155.997 | 36758.406 | 43556.539 | 28.216 | 29.618 | 27.205 | 1.02 |
| 9/24/2018 0:15 | 1563300 | 69.255 | 16.831 | 156.004 | 36762.344 | 43559.039 | 28.218 | 29.62 | 27.202 | 1.02 |
| 9/24/2018 0:30 | 1564200 | 69.254 | 16.838 | 156 | 36807.285 | 43605.336 | 28.251 | 29.652 | 27.169 | 1.02 |
| 9/24/2018 0:45 | 1565100 | 69.256 | 16.829 | 156.006 | 36746.418 | 43541.563 | 28.205 | 29.608 | 27.214 | 1.02 |
| 9/24/2018 1:00 | 1566000 | 69.26 | 16.83 | 156.016 | 36765.723 | 43563.645 | 28.221 | 29.623 | 27.199 | 1.02 |
| 9/24/2018 1:15 | 1566900 | 69.262 | 16.84 | 156.019 | 36790.891 | 43583.586 | 28.236 | 29.637 | 27.181 | 1.02 |
| 9/24/2018 1:30 | 1567800 | 69.264 | 16.823 | 156.025 | 36759.348 | 43563.297 | 28.22 | 29.623 | 27.204 | 1.02 |
| 9/24/2018 1:45 | 1568700 | 69.263 | 16.829 | 156.023 | 36770.363 | 43570.281 | 28.226 | 29.628 | 27.196 | 1.02 |
| 9/24/2018 2:00 | 1569600 | 69.269 | 16.832 | 156.035 | 36748.07 | 43540.91 | 28.205 | 29.608 | 27.212 | 1.02 |
| 9/24/2018 2:15 | 1570500 | 69.264 | 16.826 | 156.024 | 36737.297 | 43533.785 | 28.199 | 29.603 | 27.22 | 1.02 |
| 9/24/2018 2:30 | 1571400 | 69.269 | 16.823 | 156.036 | 36772.715 | 43578.781 | 28.231 | 29.634 | 27.194 | 1.02 |
| 9/24/2018 2:45 | 1572300 | 69.263 | 16.83 | 156.023 | 36752.191 | 43547.785 | 28.209 | 29.612 | 27.209 | 1.02 |
| 9/24/2018 3:00 | 1573200 | 69.261 | 16.833 | 156.018 | 36779.488 | 43580.313 | 28.233 | 29.635 | 27.189 | 1.02 |
| 9/24/2018 3:15 | 1574100 | 69.267 | 16.83 | 156.031 | 36765.66 | 43563.926 | 28.223 | 29.623 | 27.199 | 1.02 |
| 9/24/2018 3:30 | 1575000 | 69.263 | 16.825 | 156.023 | 36768.852 | 43572.484 | 28.227 | 29.629 | 27.197 | 1.02 |
| 9/24/2018 3:45 | 1575900 | 69.262 | 16.83 | 156.02 | 36787.465 | 43589.934 | 28.24 | 29.641 | 27.183 | 1.02 |
| 9/24/2018 4:00 | 1576800 | 69.262 | 16.827 | 156.02 | 36758.297 | 43557.629 | 28.216 | 29.619 | 27.205 | 1.02 |
| 9/24/2018 4:15 | 1577700 | 69.251 | 16.832 | 155.995 | 36746.934 | 43539.645 | 28.204 | 29.607 | 27.213 | 1.02 |
| 9/24/2018 4:30 | 1578600 | 69.254 | 16.839 | 156.002 | 36767.387 | 43556.941 | 28.217 | 29.619 | 27.198 | 1.02 |
| 9/24/2018 4:45 | 1579500 | 69.252 | 16.83 | 155.996 | 36757.797 | 43554.609 | 28.214 | 29.617 | 27.205 | 1.02 |
| 9/24/2018 5:00 | 1580400 | 69.251 | 16.83 | 155.995 | 36755.047 | 43551.434 | 28.212 | 29.615 | 27.207 | 1.02 |
| 9/24/2018 5:15 | 1581300 | 69.243 | 16.84 | 155.976 | 36763.352 | 43551.473 | 28.213 | 29.615 | 27.201 | 1.02 |
| 9/24/2018 5:30 | 1582200 | 69.245 | 16.829 | 155.981 | 36773.574 | 43573.914 | 28.228 | 29.63 | 27.193 | 1.02 |
| 9/24/2018 5:45 | 1583100 | 69.242 | 16.819 | 155.974 | 36757.242 | 43564.891 | 28.221 | 29.624 | 27.206 | 1.02 |
| 9/24/2018 6:00 | 1584000 | 69.236 | 16.831 | 155.96 | 36773.035 | 43571.281 | 28.226 | 29.628 | 27.194 | 1.02 |
| 9/24/2018 6:15 | 1584900 | 69.24 | 16.825 | 155.969 | 36771.434 | 43575.543 | 28.229 | 29.631 | 27.195 | 1.02 |
| 9/24/2018 6:30 | 1585800 | 69.231 | 16.837 | 155.95 | 36762.367 | 43552.73 | 28.213 | 29.616 | 27.202 | 1.02 |
| 9/24/2018 6:45 | 1586700 | 69.231 | 16.825 | 155.949 | 36754.633 | 43555.461 | 28.215 | 29.618 | 27.207 | 1.02 |
| 9/24/2018 7:00 | 1587600 | 69.23 | 16.827 | 155.946 | 36785.039 | 43589.492 | 28.239 | 29.641 | 27.185 | 1.02 |
| 9/24/2018 7:15 | 1588500 | 69.229 | 16.828 | 155.946 | 36782.648 | 43586.051 | 28.237 | 29.639 | 27.187 | 1.02 |
| 9/24/2018 7:30 | 1589400 | 69.23 | 16.819 | 155.946 | 36750.027 | 43556.066 | 28.215 | 29.618 | 27.211 | 1.02 |
| 9/24/2018 7:45 | 1590300 | 69.226 | 16.846 | 155.937 | 36773.684 | 43557.801 | 28.218 | 29.619 | 27.193 | 1.02 |
| 9/24/2018 8:00 | 1591200 | 69.228 | 16.833 | 155.943 | 36760.102 | 43553.781 | 28.214 | 29.617 | 27.203 | 1.02 |
| 9/24/2018 8:15 | 1592100 | 69.231 | 16.832 | 155.949 | 36768.578 | 43564.953 | 28.222 | 29.624 | 27.197 | 1.02 |
| 9/24/2018 8:30 | 1593000 | 69.236 | 16.83 | 155.962 | 36761.508 | 43558.309 | 28.217 | 29.62 | 27.202 | 1.02 |
| 9/24/2018 8:45 | 1593900 | 69.241 | 16.832 | 155.972 | 36772.488 | 43569.84 | 28.225 | 29.627 | 27.194 | 1.02 |
| 9/24/2018 9:00 | 1594800 | 69.229 | 16.833 | 155.946 | 36773.629 | 43569.719 | 28.225 | 29.627 | 27.193 | 1.02 |
| 9/24/2018 9:15 | 1595700 | 69.236 | 16.831 | 155.96 | 36778.184 | 43577.809 | 28.231 | 29.633 | 27.19 | 1.02 |
| 9/24/2018 9:30 | 1596600 | 69.24 | 16.836 | 155.97 | 36772.578 | 43566.309 | 28.223 | 29.625 | 27.194 | 1.02 |
| 9/24/2018 9:45 | 1597500 | 69.237 | 16.824 | 155.963 | 36756.078 | 43558.133 | 28.217 | 29.62 | 27.206 | 1.02 |
| 9/24/2018 10:00 | 1598400 | 69.238 | 16.834 | 155.965 | 36792.426 | 43591.391 | 28.241 | 29.642 | 27.18 | 1.02 |
| 9/24/2018 10:15 | 1599300 | 69.241 | 16.829 | 155.972 | 36770.211 | 43570.016 | 28.225 | 29.628 | 27.196 | 1.02 |
| 9/24/2018 10:30 | 1600200 | 69.264 | 16.832 | 156.024 | 36740.422 | 43531.93 | 28.198 | 29.602 | 27.218 | 1.02 |
| 9/24/2018 10:45 | 1601100 | 69.249 | 16.823 | 155.99 | 36762.285 | 43566.172 | 28.222 | 29.625 | 27.202 | 1.02 |
| 9/24/2018 11:00 | 1602000 | 69.255 | 16.834 | 156.004 | 36771.965 | 43566.875 | 28.223 | 29.625 | 27.195 | 1.02 |
| 9/24/2018 11:15 | 1602900 | 69.26 | 16.822 | 156.015 | 36732.219 | 43532.281 | 28.198 | 29.602 | 27.224 | 1.02 |
| 9/24/2018 11:30 | 1603800 | 69.259 | 16.847 | 156.012 | 36802.016 | 43590.25 | 28.241 | 29.641 | 27.172 | 1.02 |
| 9/24/2018 11:45 | 1604700 | 69.262 | 16.851 | 156.019 | 36777.926 | 43557.109 | 28.217 | 29.619 | 27.19 | 1.02 |
| 9/24/2018 12:00 | 1605600 | 69.271 | 16.833 | 156.039 | 36770.094 | 43566.23 | 28.223 | 29.625 | 27.196 | 1.02 |
| 9/24/2018 12:15 | 1606500 | 69.269 | 16.861 | 156.036 | 36772.617 | 43541.293 | 28.207 | 29.608 | 27.194 | 1.02 |
| 9/24/2018 12:30 | 1607400 | 69.274 | 16.832 | 156.047 | 36774.316 | 43572.09 | 28.227 | 29.629 | 27.193 | 1.02 |
| 9/24/2018 12:45 | 1608300 | 69.274 | 16.839 | 156.046 | 36781.129 | 43573.316 | 28.228 | 29.63 | 27.188 | 1.02 |
| 9/24/2018 13:00 | 1609200 | 69.282 | 16.835 | 156.064 | 36738.523 | 43526.48 | 28.194 | 29.598 | 27.219 | 1.02 |
| 9/24/2018 13:15 | 1610100 | 69.28 | 16.829 | 156.06 | 36760.57 | 43558.934 | 28.217 | 29.62 | 27.203 | 1.02 |
| 9/24/2018 13:30 | 1611000 | 69.291 | 16.829 | 156.084 | 36750.984 | 43547.574 | 28.209 | 29.612 | 27.21 | 1.02 |
| 9/24/2018 13:45 | 1611900 | 69.286 | 16.827 | 156.074 | 36743.359 | 43540.535 | 28.204 | 29.608 | 27.216 | 1.02 |
| 9/24/2018 14:00 | 1612800 | 69.291 | 16.835 | 156.084 | 36772.09 | 43566.422 | 28.223 | 29.625 | 27.195 | 1.02 |
| 9/24/2018 14:15 | 1613700 | 69.282 | 16.843 | 156.065 | 36770.371 | 43556.66 | 28.217 | 29.619 | 27.196 | 1.02 |
| 9/24/2018 14:30 | 1614600 | 69.286 | 16.838 | 1 | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/25/2018 13:00 | 1695600 | 69.307 | 16.836 | 156.121 | 36758.512 | 43549.727 | 28.211 | 29.614 | 27.205 | 1.02 |
| 9/25/2018 13:15 | 1696500 | 69.292 | 16.837 | 156.087 | 36755.473 | 43544.387 | 28.207 | 29.61 | 27.207 | 1.02 |
| 9/25/2018 13:30 | 1697400 | 69.311 | 16.828 | 156.13 | 36747.676 | 43544.609 | 28.207 | 29.61 | 27.213 | 1.02 |
| 9/25/2018 13:45 | 1698300 | 69.292 | 16.838 | 156.086 | 36769.777 | 43560.297 | 28.219 | 29.621 | 27.196 | 1.02 |
| 9/25/2018 14:00 | 1699200 | 69.298 | 16.832 | 156.1 | 36781.32 | 43580.051 | 28.233 | 29.634 | 27.188 | 1.02 |
| 9/25/2018 14:15 | 1700100 | 69.297 | 16.844 | 156.098 | 36785.57 | 43573.199 | 28.229 | 29.63 | 27.185 | 1.02 |
| 9/25/2018 14:30 | 1701000 | 69.294 | 16.843 | 156.092 | 36780.375 | 43568.25 | 28.225 | 29.626 | 27.188 | 1.02 |
| 9/25/2018 14:45 | 1701900 | 69.296 | 16.836 | 156.097 | 36765.324 | 43557.715 | 28.217 | 29.619 | 27.2 | 1.02 |
| 9/25/2018 15:00 | 1702800 | 69.294 | 16.83 | 156.092 | 36767.008 | 43565.34 | 28.222 | 29.624 | 27.198 | 1.02 |
| 9/25/2018 15:15 | 1703700 | 69.298 | 16.814 | 156.1 | 36744.5 | 43554.473 | 28.213 | 29.617 | 27.215 | 1.02 |
| 9/25/2018 15:30 | 1704600 | 69.293 | 16.829 | 156.09 | 36786.633 | 43589.559 | 28.239 | 29.641 | 27.184 | 1.02 |
| 9/25/2018 15:45 | 1705500 | 69.293 | 16.838 | 156.09 | 36757.84 | 43546.594 | 28.209 | 29.612 | 27.205 | 1.02 |
| 9/25/2018 16:00 | 1706400 | 69.292 | 16.844 | 156.087 | 36751.645 | 43533.012 | 28.2 | 29.602 | 27.21 | 1.02 |
| 9/25/2018 16:15 | 1707300 | 69.291 | 16.844 | 156.084 | 36795.23 | 43584.988 | 28.237 | 29.638 | 27.177 | 1.02 |
| 9/25/2018 16:30 | 1708200 | 69.282 | 16.835 | 156.064 | 36779.543 | 43574.742 | 28.229 | 29.631 | 27.189 | 1.02 |
| 9/25/2018 16:45 | 1709100 | 69.28 | 16.832 | 156.06 | 36786.43 | 43585.844 | 28.237 | 29.638 | 27.184 | 1.02 |
| 9/25/2018 17:00 | 1710000 | 69.28 | 16.83 | 156.06 | 36775.582 | 43575.766 | 28.23 | 29.632 | 27.192 | 1.02 |
| 9/25/2018 17:15 | 1710900 | 69.295 | 16.833 | 156.093 | 36797.82 | 43599.254 | 28.247 | 29.647 | 27.176 | 1.02 |
| 9/25/2018 17:30 | 1711800 | 69.275 | 16.827 | 156.048 | 36758.387 | 43557.734 | 28.217 | 29.619 | 27.205 | 1.02 |
| 9/25/2018 17:45 | 1712700 | 69.271 | 16.834 | 156.04 | 36790.395 | 43588.801 | 28.239 | 29.64 | 27.181 | 1.02 |
| 9/25/2018 18:00 | 1713600 | 69.27 | 16.831 | 156.038 | 36777.563 | 43576.555 | 28.23 | 29.632 | 27.19 | 1.02 |
| 9/25/2018 18:15 | 1714500 | 69.28 | 16.824 | 156.06 | 36770.469 | 43575.441 | 28.229 | 29.631 | 27.196 | 1.02 |
| 9/25/2018 18:30 | 1715400 | 69.263 | 16.834 | 156.023 | 36768.535 | 43563.164 | 28.221 | 29.623 | 27.197 | 1.02 |
| 9/25/2018 18:45 | 1716300 | 69.264 | 16.828 | 156.024 | 36767.098 | 43567.277 | 28.223 | 29.626 | 27.198 | 1.02 |
| 9/25/2018 19:00 | 1717200 | 69.259 | 16.829 | 156.012 | 36788.527 | 43592.059 | 28.241 | 29.643 | 27.182 | 1.02 |
| 9/25/2018 19:15 | 1718100 | 69.255 | 16.839 | 156.003 | 36784.156 | 43576.293 | 28.231 | 29.632 | 27.186 | 1.02 |
| 9/25/2018 19:30 | 1719000 | 69.258 | 16.829 | 156.011 | 36791.617 | 43595.035 | 28.243 | 29.645 | 27.18 | 1.02 |
| 9/25/2018 19:45 | 1719900 | 69.254 | 16.832 | 156.002 | 36783.316 | 43582.938 | 28.235 | 29.636 | 27.186 | 1.02 |
| 9/25/2018 20:00 | 1720800 | 69.252 | 16.83 | 155.997 | 36753.105 | 43548.695 | 28.21 | 29.613 | 27.209 | 1.02 |
| 9/25/2018 20:15 | 1721700 | 69.247 | 16.84 | 155.985 | 36787.852 | 43580.496 | 28.234 | 29.635 | 27.183 | 1.02 |
| 9/25/2018 20:30 | 1722600 | 69.248 | 16.833 | 155.989 | 36766.172 | 43561.32 | 28.219 | 29.622 | 27.199 | 1.02 |
| 9/25/2018 20:45 | 1723500 | 69.241 | 16.837 | 155.972 | 36765.914 | 43557.277 | 28.217 | 29.619 | 27.199 | 1.02 |
| 9/25/2018 21:00 | 1724400 | 69.248 | 16.834 | 155.988 | 36772.371 | 43567.707 | 28.224 | 29.626 | 27.194 | 1.02 |
| 9/25/2018 21:15 | 1725300 | 69.249 | 16.834 | 155.991 | 36778.953 | 43575.859 | 28.23 | 29.632 | 27.189 | 1.02 |
| 9/25/2018 21:30 | 1726200 | 69.254 | 16.823 | 156.002 | 36729.852 | 43528.258 | 28.195 | 29.599 | 27.226 | 1.02 |
| 9/25/2018 21:45 | 1727100 | 69.249 | 16.834 | 155.991 | 36758.113 | 43551.082 | 28.212 | 29.615 | 27.205 | 1.02 |
| 9/25/2018 22:00 | 1728000 | 69.254 | 16.834 | 156.002 | 36760.484 | 43553.68 | 28.214 | 29.617 | 27.203 | 1.02 |
| 9/25/2018 22:15 | 1728900 | 69.249 | 16.833 | 155.99 | 36760.16 | 43553.68 | 28.214 | 29.617 | 27.203 | 1.02 |
| 9/25/2018 22:30 | 1729800 | 69.255 | 16.832 | 156.005 | 36793.141 | 43593.965 | 28.243 | 29.644 | 27.179 | 1.02 |
| 9/25/2018 22:45 | 1730700 | 69.255 | 16.83 | 156.005 | 36788.641 | 43590.801 | 28.24 | 29.642 | 27.182 | 1.02 |
| 9/25/2018 23:00 | 1731600 | 69.26 | 16.822 | 156.016 | 36751.656 | 43554.883 | 28.214 | 29.617 | 27.21 | 1.02 |
| 9/25/2018 23:15 | 1732500 | 69.263 | 16.824 | 156.023 | 36765.117 | 43568.746 | 28.224 | 29.627 | 27.2 | 1.02 |
| 9/25/2018 23:30 | 1733400 | 69.264 | 16.83 | 156.024 | 36776.219 | 43576.008 | 28.23 | 29.632 | 27.191 | 1.02 |
| 9/25/2018 23:45 | 1734300 | 69.27 | 16.839 | 156.037 | 36769.688 | 43559.664 | 28.219 | 29.621 | 27.196 | 1.02 |
| 9/26/2018 0:00 | 1735200 | 69.285 | 16.827 | 156.071 | 36749.039 | 43546.75 | 28.209 | 29.612 | 27.212 | 1.02 |
| 9/26/2018 0:15 | 1736100 | 69.265 | 16.848 | 156.027 | 36793.594 | 43579.059 | 28.233 | 29.634 | 27.179 | 1.02 |
| 9/26/2018 0:30 | 1737000 | 69.277 | 16.836 | 156.053 | 36769.883 | 43563.113 | 28.221 | 29.623 | 27.196 | 1.02 |
| 9/26/2018 0:45 | 1737900 | 69.279 | 16.825 | 156.058 | 36761.418 | 43563.504 | 28.221 | 29.623 | 27.202 | 1.02 |
| 9/26/2018 1:00 | 1738800 | 69.297 | 16.824 | 156.097 | 36775.086 | 43580.309 | 28.233 | 29.635 | 27.192 | 1.02 |
| 9/26/2018 1:15 | 1739700 | 69.287 | 16.838 | 156.075 | 36771.609 | 43562.996 | 28.223 | 29.623 | 27.195 | 1.02 |
| 9/26/2018 1:30 | 1740600 | 69.285 | 16.835 | 156.071 | 36777.961 | 43573.113 | 28.228 | 29.63 | 27.19 | 1.02 |
| 9/26/2018 1:45 | 1741500 | 69.286 | 16.837 | 156.073 | 36767.195 | 43558.629 | 28.218 | 29.62 | 27.198 | 1.02 |
| 9/26/2018 2:00 | 1742400 | 69.285 | 16.833 | 156.071 | 36747.941 | 43539.895 | 28.204 | 29.607 | 27.212 | 1.02 |
| 9/26/2018 2:15 | 1743300 | 69.292 | 16.831 | 156.087 | 36772.91 | 43571.48 | 28.227 | 29.629 | 27.194 | 1.02 |
| 9/26/2018 2:30 | 1744200 | 69.292 | 16.835 | 156.086 | 36751.82 | 43542.578 | 28.206 | 29.609 | 27.21 | 1.02 |
| 9/26/2018 2:45 | 1745100 | 69.293 | 16.827 | 156.09 | 36765.289 | 43566.352 | 28.223 | 29.625 | 27.2 | 1.02 |
| 9/26/2018 3:00 | 1746000 | 69.297 | 16.824 | 156.098 | 36756.914 | 43558.855 | 28.217 | 29.62 | 27.206 | 1.02 |
| 9/26/2018 3:15 | 1746900 | 69.292 | 16.831 | 156.087 | 36763.922 | 43560.559 | 28.219 | 29.621 | 27.201 | 1.02 |
| 9/26/2018 3:30 | 1747800 | 69.291 | 16.824 | 156.084 | 36743 | 43542.535 | 28.205 | 29.609 | 27.216 | 1.02 |
| 9/26/2018 3:45 | 1748700 | 69.293 | 16.826 | 156.09 | 36743.246 | 43541.359 | 28.205 | 29.608 | 27.216 | 1.02 |
| 9/26/2018 4:00 | 1749600 | 69.292 | 16.835 | 156.087 | 36774.996 | 43569.512 | 28.225 | 29.627 | 27.192 | 1.02 |
| 9/26/2018 4:15 | 1750500 | 69.288 | 16.827 | 156.078 | 36788.762 | 43593.73 | 28.242 | 29.644 | 27.182 | 1.02 |
| 9/26/2018 4:30 | 1751400 | 69.284 | 16.818 | 156.069 | 36754.559 | 43562.059 | 28.219 | 29.622 | 27.208 | 1.02 |
| 9/26/2018 4:45 | 1752300 | 69.282 | 16.825 | 156.065 | 36777.301 | 43582.234 | 28.234 | 29.636 | 27.191 | 1.02 |
| 9/26/2018 5:00 | 1753200 | 69.28 | 16.829 | 156.06 | 36782.547 | 43584.371 | 28.236 | 29.637 | 27.187 | 1.02 |
| 9/26/2018 5:15 | 1754100 | 69.277 | 16.839 | 156.053 | 36765.133 | 43554.27 | 28.215 | 29.617 | 27.2 | 1.02 |
| 9/26/2018 5:30 | 1755000 | 69.274 | 16.832 | 156.047 | 36745.984 | 43538.266 | 28.203 | 29.606 | 27.214 | 1.02 |
| 9/26/2018 5:45 | 1755900 | 69.269 | 16.841 | 156.035 | 36761.887 | 43547.914 | 28.21 | 29.613 | 27.202 | 1.02 |
| 9/26/2018 6:00 | 1756800 | 69.269 | 16.825 | 156.034 | 36769.051 | 43572.637 | 28.227 | 29.629 | 27.197 | 1.02 |
| 9/26/2018 6:15 | 1757700 | 69.286 | 16.834 | 156.073 | 36770.43 | 43564.977 | 28.222 | 29.624 | 27.196 | 1.02 |
| 9/26/2018 6:30 | 1758600 | 69.274 | 16.845 | 156.046 | 36770.777 | 43555.324 | 28.216 | 29.618 | 27.196 | 1.02 |
| 9/26/2018 6:45 | 1759500 | 69.261 | 16.838 | 156.017 | 36774.723 | 43566.684 | 28.224 | 29.625 | 27.193 | 1.02 |
| 9/26/2018 7:00 | 1760400 | 69.256 | 16.838 | 156.006 | 36774.066 | 43565.906 | 28.223 | 29.625 | 27.193 | 1.02 |
| 9/26/2018 7:15 | 1761300 | 69.256 | 16.831 | 156.006 | 36789.07 | 43590.281 | 28.24 | 29.641 | 27.182 | 1.02 |
| 9/26/2018 7:30 | 1762200 | 69.254 | 16.828 | 156.002 | 36762.414 | 43562.246 | 28.22 | 29.622 | 27.202 | 1.02 |
| 9/26/2018 7:45 | 1763100 | 69.249 | 16.842 | 155.991 | 36770.52 | 43557.359 | 28.217 | 29.619 | 27.196 | 1.02 |
| 9/26/2018 8:00 | 1764000 | 69.249 | 16.83 | 155.991 | 36779.395 | 43579.848 | 28.233 | 29.634 | 27.189 | 1.02 |
| 9/26/2018 8:15 | 1764900 | 69.245 | 16.844 | 155.981 | 36788.125 | 43576.738 | 28.231 | 29.632 | 27.183 | 1.02 |
| 9/26/2018 8:30 | 1765800 | 69.245 | 16.847 | 155.98 | 36784.863 | 43569.137 | 28.226 | 29.627 | 27.185 | 1.02 |
| 9/26/2018 8:45 | 1766700 | 69.246 | 16.842 | 155.983 | 36778.484 | 43567.23 | 28.224 | 29.626 | 27.19 | 1.02 |
| 9/26/2018 9:00 | 1767600 | 69.245 | 16.845 | 155.981 | 36792.992 | 43581.641 | 28.235 | 29.636 | 27.179 | 1.02 |
| 9/26/2018 9:15 | 1768500 | 69.249 | 16.84 | 155.99 | 36754.508 | 43540.391 | 28.205 | 29.607 | 27.208 | 1.02 |
| 9/26/2018 9:30 | 1769400 | 69.246 | 16.832 | 155.984 | 36782.195 | 43580.824 | 28.233 | 29.635 | 27.187 | 1.02 |
| 9/26/2018 9:45 | 1770300 | 69.251 | 16.83 | 155.994 | 36777.582 | 43577.355 | 28.231 | 29.633 | 27.19 | 1.02 |
| 9/26/2018 10:00 | 1771200 | 69.249 | 16.829 | 155.991 | 36756.16 | 43553.277 | 28.213 | 29.616 | 27.206 | 1.02 |
| 9/26/2018 10:15 | 1772100 | 69.254 | 16.829 | 156.002 | 36768.824 | 43568.805 | 28.225 | 29.627 | 27.197 | 1.02 |
| 9/26/2018 10:30 | 1773000 | 69.254 | 16.828 | 156.002 | 36762.32 | 43561.887 | 28.22 | 29.622 | 27.202 | 1.02 |
| 9/26/2018 10:45 | 1773900 | 69.258 | 16.834 | 156.011 | 36787.227 | 43585.23 | 28.237 | 29.638 | 27.183 | 1.02 |
| 9/26/2018 11:00 | 1774800 | 69.26 | 16.833 | 156.016 | 36765.27 | | | | | |

| | | | | | | | | | | |
|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/27/2018 9:30 | 1855800 | 69.237 | 16.836 | 155.964 | 36770.074 | 43563.426 | 28.221 | 29.623 | 27.196 | 1.02 |
| 9/27/2018 9:45 | 1856700 | 69.24 | 16.833 | 155.971 | 36758.574 | 43552.531 | 28.213 | 29.616 | 27.204 | 1.02 |
| 9/27/2018 10:00 | 1857600 | 69.246 | 16.834 | 155.983 | 36751.316 | 43542.59 | 28.206 | 29.609 | 27.21 | 1.02 |
| 9/27/2018 10:15 | 1858500 | 69.248 | 16.836 | 155.989 | 36763.527 | 43554.805 | 28.215 | 29.617 | 27.201 | 1.02 |
| 9/27/2018 10:30 | 1859400 | 69.244 | 16.844 | 155.98 | 36762.523 | 43545.629 | 28.209 | 29.611 | 27.202 | 1.02 |
| 9/27/2018 10:45 | 1860300 | 69.249 | 16.848 | 155.991 | 36798.707 | 43585.113 | 28.237 | 29.638 | 27.175 | 1.02 |
| 9/27/2018 11:00 | 1861200 | 69.248 | 16.836 | 155.988 | 36787.188 | 43583.445 | 28.235 | 29.637 | 27.183 | 1.02 |
| 9/27/2018 11:15 | 1862100 | 69.269 | 16.832 | 156.036 | 36766.355 | 43562.148 | 28.22 | 29.622 | 27.199 | 1.02 |
| 9/27/2018 11:30 | 1863000 | 69.254 | 16.828 | 156 | 36757.621 | 43556.395 | 28.216 | 29.618 | 27.205 | 1.02 |
| 9/27/2018 11:45 | 1863900 | 69.256 | 16.838 | 156.005 | 36766.395 | 43556.547 | 28.216 | 29.618 | 27.199 | 1.02 |
| 9/27/2018 12:00 | 1864800 | 69.265 | 16.832 | 156.025 | 36767.18 | 43563.816 | 28.221 | 29.623 | 27.198 | 1.02 |
| 9/27/2018 12:15 | 1865700 | 69.27 | 16.822 | 156.037 | 36757.324 | 43561.855 | 28.219 | 29.622 | 27.205 | 1.02 |
| 9/27/2018 12:30 | 1866600 | 69.274 | 16.826 | 156.047 | 36769.602 | 43571.898 | 28.227 | 29.629 | 27.196 | 1.02 |
| 9/27/2018 12:45 | 1867500 | 69.275 | 16.827 | 156.048 | 36743.707 | 43541.035 | 28.204 | 29.608 | 27.216 | 1.02 |
| 9/27/2018 13:00 | 1868400 | 69.276 | 16.822 | 156.052 | 36749.629 | 43552.223 | 28.212 | 29.616 | 27.211 | 1.02 |
| 9/27/2018 13:15 | 1869300 | 69.279 | 16.827 | 156.057 | 36762.043 | 43562.242 | 28.22 | 29.622 | 27.202 | 1.02 |
| 9/27/2018 13:30 | 1870200 | 69.281 | 16.841 | 156.063 | 36777.188 | 43566.391 | 28.223 | 29.625 | 27.191 | 1.02 |
| 9/27/2018 13:45 | 1871100 | 69.285 | 16.838 | 156.071 | 36763.555 | 43553.105 | 28.214 | 29.616 | 27.201 | 1.02 |
| 9/27/2018 14:00 | 1872000 | 69.293 | 16.833 | 156.089 | 36765.188 | 43560.508 | 28.219 | 29.621 | 27.2 | 1.02 |
| 9/27/2018 14:15 | 1872900 | 69.292 | 16.843 | 156.087 | 36784.664 | 43573.158 | 28.228 | 29.63 | 27.185 | 1.02 |
| 9/27/2018 14:30 | 1873800 | 69.292 | 16.842 | 156.086 | 36788.703 | 43579.16 | 28.233 | 29.634 | 27.182 | 1.02 |
| 9/27/2018 14:45 | 1874700 | 69.297 | 16.834 | 156.098 | 36782.777 | 43580.215 | 28.233 | 29.635 | 27.187 | 1.02 |
| 9/27/2018 15:00 | 1875600 | 69.296 | 16.839 | 156.095 | 36781.699 | 43573.992 | 28.229 | 29.63 | 27.187 | 1.02 |
| 9/27/2018 15:15 | 1876500 | 69.3 | 16.83 | 156.105 | 36766.691 | 43564.793 | 28.222 | 29.624 | 27.199 | 1.02 |
| 9/27/2018 15:30 | 1877400 | 69.298 | 16.831 | 156.1 | 36766.566 | 43563.355 | 28.221 | 29.623 | 27.199 | 1.02 |
| 9/27/2018 15:45 | 1878300 | 69.298 | 16.831 | 156.1 | 36775.594 | 43574.832 | 28.229 | 29.631 | 27.192 | 1.02 |
| 9/27/2018 16:00 | 1879200 | 69.299 | 16.833 | 156.103 | 36758.266 | 43551.434 | 28.212 | 29.615 | 27.205 | 1.02 |
| 9/27/2018 16:15 | 1880100 | 69.297 | 16.833 | 156.098 | 36784.484 | 43582.668 | 28.235 | 29.636 | 27.185 | 1.02 |
| 9/27/2018 16:30 | 1881000 | 69.298 | 16.83 | 156.1 | 36779.984 | 43580.379 | 28.233 | 29.635 | 27.189 | 1.02 |
| 9/27/2018 16:45 | 1881900 | 69.296 | 16.832 | 156.097 | 36756.18 | 43550.871 | 28.212 | 29.615 | 27.206 | 1.02 |
| 9/27/2018 17:00 | 1882800 | 69.292 | 16.833 | 156.086 | 36787.508 | 43586.164 | 28.237 | 29.639 | 27.183 | 1.02 |
| 9/27/2018 17:15 | 1883700 | 69.292 | 16.833 | 156.088 | 36763.984 | 43558.383 | 28.217 | 29.62 | 27.201 | 1.02 |
| 9/27/2018 17:30 | 1884600 | 69.307 | 16.831 | 156.121 | 36757.449 | 43552.98 | 28.213 | 29.616 | 27.205 | 1.02 |
| 9/27/2018 17:45 | 1885500 | 69.287 | 16.847 | 156.075 | 36772.531 | 43554.801 | 28.215 | 29.617 | 27.194 | 1.02 |
| 9/27/2018 18:00 | 1886400 | 69.287 | 16.836 | 156.075 | 36767.418 | 43559.668 | 28.218 | 29.621 | 27.198 | 1.02 |
| 9/27/2018 18:15 | 1887300 | 69.282 | 16.834 | 156.065 | 36773.582 | 43568.973 | 28.225 | 29.627 | 27.193 | 1.02 |
| 9/27/2018 18:30 | 1888200 | 69.281 | 16.829 | 156.063 | 36758.809 | 43556.246 | 28.216 | 29.618 | 27.204 | 1.02 |
| 9/27/2018 18:45 | 1889100 | 69.275 | 16.831 | 156.048 | 36775.02 | 43573.707 | 28.228 | 29.63 | 27.192 | 1.02 |
| 9/27/2018 19:00 | 1890000 | 69.273 | 16.832 | 156.045 | 36741.613 | 43533.086 | 28.199 | 29.602 | 27.217 | 1.02 |
| 9/27/2018 19:15 | 1890900 | 69.27 | 16.827 | 156.038 | 36774.031 | 43576.711 | 28.23 | 29.632 | 27.193 | 1.02 |
| 9/27/2018 19:30 | 1891800 | 69.267 | 16.839 | 156.031 | 36762.992 | 43551.125 | 28.212 | 29.615 | 27.201 | 1.02 |
| 9/27/2018 19:45 | 1892700 | 69.26 | 16.832 | 156.016 | 36748.043 | 43541.141 | 28.205 | 29.608 | 27.212 | 1.02 |
| 9/27/2018 20:00 | 1893600 | 69.261 | 16.83 | 156.017 | 36736.988 | 43529.953 | 28.197 | 29.6 | 27.221 | 1.02 |
| 9/27/2018 20:15 | 1894500 | 69.256 | 16.834 | 156.006 | 36778.078 | 43573.953 | 28.229 | 29.63 | 27.19 | 1.02 |
| 9/27/2018 20:30 | 1895400 | 69.251 | 16.841 | 155.994 | 36772.797 | 43560.93 | 28.22 | 29.621 | 27.194 | 1.02 |
| 9/27/2018 20:45 | 1896300 | 69.249 | 16.833 | 155.991 | 36782.316 | 43580.711 | 28.233 | 29.635 | 27.187 | 1.02 |
| 9/27/2018 21:00 | 1897200 | 69.245 | 16.827 | 155.98 | 36757.539 | 43556.73 | 28.216 | 29.619 | 27.205 | 1.02 |
| 9/27/2018 21:15 | 1898100 | 69.244 | 16.827 | 155.98 | 36765.547 | 43566.566 | 28.223 | 29.625 | 27.199 | 1.02 |
| 9/27/2018 21:30 | 1899000 | 69.239 | 16.827 | 155.967 | 36767.273 | 43568.359 | 28.224 | 29.626 | 27.198 | 1.02 |
| 9/27/2018 21:45 | 1899900 | 69.244 | 16.829 | 155.979 | 36761.246 | 43559.559 | 28.218 | 29.621 | 27.203 | 1.02 |
| 9/27/2018 22:00 | 1900800 | 69.243 | 16.826 | 155.976 | 36773.457 | 43576.902 | 28.23 | 29.632 | 27.194 | 1.02 |
| 9/27/2018 22:15 | 1901700 | 69.234 | 16.833 | 155.957 | 36775.832 | 43572.418 | 28.227 | 29.629 | 27.192 | 1.02 |
| 9/27/2018 22:30 | 1902600 | 69.255 | 16.83 | 156.003 | 36775.516 | 43575.348 | 28.229 | 29.631 | 27.192 | 1.02 |
| 9/27/2018 22:45 | 1903500 | 69.239 | 16.843 | 155.967 | 36757.711 | 43541.664 | 28.206 | 29.608 | 27.205 | 1.02 |
| 9/27/2018 23:00 | 1904400 | 69.24 | 16.83 | 155.971 | 36775.859 | 43575.656 | 28.23 | 29.631 | 27.192 | 1.02 |
| 9/27/2018 23:15 | 1905300 | 69.24 | 16.835 | 155.97 | 36773.375 | 43567.859 | 28.224 | 29.626 | 27.194 | 1.02 |
| 9/27/2018 23:30 | 1906200 | 69.24 | 16.831 | 155.971 | 36757.922 | 43553.621 | 28.214 | 29.616 | 27.205 | 1.02 |
| 9/27/2018 23:45 | 1907100 | 69.24 | 16.833 | 155.97 | 36765.027 | 43560.227 | 28.219 | 29.621 | 27.2 | 1.02 |
| 9/28/2018 0:00 | 1908000 | 69.24 | 16.835 | 155.97 | 36790.309 | 43587.836 | 28.239 | 29.64 | 27.181 | 1.02 |
| 9/28/2018 0:15 | 1908900 | 69.244 | 16.83 | 155.98 | 36750.605 | 43545.566 | 28.208 | 29.611 | 27.21 | 1.02 |
| 9/28/2018 0:30 | 1909800 | 69.249 | 16.832 | 155.991 | 36764.148 | 43559.441 | 28.218 | 29.62 | 27.2 | 1.02 |
| 9/28/2018 0:45 | 1910700 | 69.249 | 16.836 | 155.99 | 36743.785 | 43531.324 | 28.198 | 29.601 | 27.215 | 1.02 |
| 9/28/2018 1:00 | 1911600 | 69.247 | 16.829 | 155.985 | 36748.918 | 43544.871 | 28.207 | 29.611 | 27.212 | 1.02 |
| 9/28/2018 1:15 | 1912500 | 69.252 | 16.838 | 155.996 | 36776.762 | 43568.75 | 28.225 | 29.627 | 27.191 | 1.02 |
| 9/28/2018 1:30 | 1913400 | 69.249 | 16.839 | 155.99 | 36786.418 | 43579.758 | 28.233 | 29.634 | 27.184 | 1.02 |
| 9/28/2018 1:45 | 1914300 | 69.249 | 16.84 | 155.99 | 36779.691 | 43569.957 | 28.226 | 29.628 | 27.189 | 1.02 |
| 9/28/2018 2:00 | 1915200 | 69.265 | 16.835 | 156.025 | 36773.031 | 43567.711 | 28.224 | 29.626 | 27.194 | 1.02 |
| 9/28/2018 2:15 | 1916100 | 69.264 | 16.839 | 156.024 | 36767.273 | 43556.805 | 28.216 | 29.619 | 27.198 | 1.02 |
| 9/28/2018 2:30 | 1917000 | 69.26 | 16.838 | 156.016 | 36779.516 | 43571.926 | 28.227 | 29.629 | 27.189 | 1.02 |
| 9/28/2018 2:45 | 1917900 | 69.26 | 16.834 | 156.016 | 36776.336 | 43572.406 | 28.227 | 29.629 | 27.191 | 1.02 |
| 9/28/2018 3:00 | 1918800 | 69.265 | 16.841 | 156.027 | 36766.32 | 43553.082 | 28.214 | 29.616 | 27.199 | 1.02 |
| 9/28/2018 3:15 | 1919700 | 69.269 | 16.83 | 156.034 | 36767.129 | 43564.969 | 28.222 | 29.624 | 27.198 | 1.02 |
| 9/28/2018 3:30 | 1920600 | 69.266 | 16.844 | 156.029 | 36769.262 | 43553.609 | 28.214 | 29.616 | 27.197 | 1.02 |
| 9/28/2018 3:45 | 1921500 | 69.27 | 16.829 | 156.037 | 36757.734 | 43554.891 | 28.215 | 29.617 | 27.205 | 1.02 |
| 9/28/2018 4:00 | 1922400 | 69.27 | 16.837 | 156.038 | 36745.988 | 43533.07 | 28.199 | 29.602 | 27.214 | 1.02 |
| 9/28/2018 4:15 | 1923300 | 69.278 | 16.839 | 156.055 | 36776.246 | 43566.828 | 28.224 | 29.625 | 27.191 | 1.02 |
| 9/28/2018 4:30 | 1924200 | 69.276 | 16.824 | 156.051 | 36756.102 | 43558.598 | 28.217 | 29.62 | 27.206 | 1.02 |
| 9/28/2018 4:45 | 1925100 | 69.273 | 16.836 | 156.045 | 36774.879 | 43569.117 | 28.225 | 29.627 | 27.192 | 1.02 |
| 9/28/2018 5:00 | 1926000 | 69.274 | 16.827 | 156.047 | 36786.953 | 43591.762 | 28.241 | 29.642 | 27.184 | 1.02 |
| 9/28/2018 5:15 | 1926900 | 69.276 | 16.828 | 156.051 | 36776.969 | 43578.891 | 28.232 | 29.634 | 27.191 | 1.02 |
| 9/28/2018 5:30 | 1927800 | 69.282 | 16.834 | 156.064 | 36745.438 | 43535.797 | 28.201 | 29.604 | 27.214 | 1.02 |
| 9/28/2018 5:45 | 1928700 | 69.288 | 16.822 | 156.078 | 36774.18 | 43581.578 | 28.233 | 29.635 | 27.193 | 1.02 |
| 9/28/2018 6:00 | 1929600 | 69.276 | 16.835 | 156.052 | 36763.582 | 43555.988 | 28.216 | 29.618 | 27.201 | 1.02 |
| 9/28/2018 6:15 | 1930500 | 69.269 | 16.839 | 156.036 | 36748.105 | 43533.934 | 28.2 | 29.603 | 27.212 | 1.02 |
| 9/28/2018 6:30 | 1931400 | 69.269 | 16.833 | 156.034 | 36769.492 | 43565.082 | 28.222 | 29.624 | 27.196 | 1.02 |
| 9/28/2018 6:45 | 1932300 | 69.263 | 16.83 | 156.023 | 36755.672 | 43551.395 | 28.212 | 29.615 | 27.207 | 1.02 |
| 9/28/2018 7:00 | 1933200 | 69.275 | 16.844 | 156.049 | 36779.461 | 43566.566 | 28.224 | 29.625 | 27.189 | 1.02 |
| 9/28/2018 7:15 | 1934100 | 69.262 | 16.839 | 156.02 | 36797.355 | 43591.832 | 28.242 | 29.642 | 27.176 | 1.02 |
| 9/28/2018 7:30 | 1935000 | 69.264 | 16.829 | | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 9/29/2018 6:00 | 2016000 | 69.269 | 16.835 | 156.034 | 36782.598 | 43579.215 | 28.232 | 29.634 | 27.187 | 1.02 |
| 9/29/2018 6:15 | 2016900 | 69.267 | 16.828 | 156.031 | 36792.164 | 43596.898 | 28.245 | 29.646 | 27.18 | 1.02 |
| 9/29/2018 6:30 | 2017800 | 69.266 | 16.827 | 156.029 | 36778.758 | 43581.875 | 28.234 | 29.636 | 27.19 | 1.02 |
| 9/29/2018 6:45 | 2018700 | 69.267 | 16.829 | 156.031 | 36742.18 | 43537.234 | 28.202 | 29.605 | 27.217 | 1.02 |
| 9/29/2018 7:00 | 2019600 | 69.264 | 16.831 | 156.024 | 36747.848 | 43541.863 | 28.205 | 29.608 | 27.212 | 1.02 |
| 9/29/2018 7:15 | 2020500 | 69.262 | 16.837 | 156.019 | 36758.59 | 43548.527 | 28.21 | 29.613 | 27.205 | 1.02 |
| 9/29/2018 7:30 | 2021400 | 69.27 | 16.84 | 156.037 | 36794.813 | 43588.133 | 28.239 | 29.64 | 27.178 | 1.02 |
| 9/29/2018 7:45 | 2022300 | 69.263 | 16.838 | 156.023 | 36766.109 | 43556.48 | 28.216 | 29.618 | 27.199 | 1.02 |
| 9/29/2018 8:00 | 2023200 | 69.264 | 16.831 | 156.024 | 36785.16 | 43585.559 | 28.237 | 29.638 | 27.185 | 1.02 |
| 9/29/2018 8:15 | 2024100 | 69.261 | 16.834 | 156.018 | 36788.207 | 43586.734 | 28.238 | 29.639 | 27.183 | 1.02 |
| 9/29/2018 8:30 | 2025000 | 69.265 | 16.825 | 156.025 | 36763.496 | 43566.219 | 28.222 | 29.625 | 27.201 | 1.02 |
| 9/29/2018 8:45 | 2025900 | 69.264 | 16.83 | 156.024 | 36767.633 | 43566.082 | 28.223 | 29.625 | 27.198 | 1.02 |
| 9/29/2018 9:00 | 2026800 | 69.264 | 16.824 | 156.024 | 36771.199 | 43576.305 | 28.23 | 29.632 | 27.195 | 1.02 |
| 9/29/2018 9:15 | 2027700 | 69.265 | 16.826 | 156.025 | 36759.441 | 43559.941 | 28.218 | 29.621 | 27.204 | 1.02 |
| 9/29/2018 9:30 | 2028600 | 69.26 | 16.833 | 156.014 | 36762.102 | 43556.242 | 28.216 | 29.618 | 27.202 | 1.02 |
| 9/29/2018 9:45 | 2029500 | 69.261 | 16.834 | 156.018 | 36766.109 | 43560.117 | 28.219 | 29.621 | 27.199 | 1.02 |
| 9/29/2018 10:00 | 2030400 | 69.261 | 16.828 | 156.017 | 36788.961 | 43593.613 | 28.242 | 29.644 | 27.182 | 1.02 |
| 9/29/2018 10:15 | 2031300 | 69.261 | 16.84 | 156.018 | 36776.797 | 43567.141 | 28.224 | 29.626 | 27.191 | 1.02 |
| 9/29/2018 10:30 | 2032200 | 69.264 | 16.83 | 156.025 | 36763.277 | 43560.676 | 28.219 | 29.621 | 27.201 | 1.02 |
| 9/29/2018 10:45 | 2033100 | 69.269 | 16.83 | 156.036 | 36749.094 | 43544.297 | 28.207 | 29.61 | 27.212 | 1.02 |
| 9/29/2018 11:00 | 2034000 | 69.265 | 16.83 | 156.027 | 36754.316 | 43550.484 | 28.211 | 29.614 | 27.208 | 1.02 |
| 9/29/2018 11:15 | 2034900 | 69.271 | 16.824 | 156.04 | 36754.984 | 43557.008 | 28.216 | 29.619 | 27.207 | 1.02 |
| 9/29/2018 11:30 | 2035800 | 69.275 | 16.828 | 156.049 | 36760.594 | 43560 | 28.218 | 29.621 | 27.203 | 1.02 |
| 9/29/2018 11:45 | 2036700 | 69.277 | 16.83 | 156.053 | 36756.863 | 43553.586 | 28.214 | 29.616 | 27.206 | 1.02 |
| 9/29/2018 12:00 | 2037600 | 69.279 | 16.838 | 156.057 | 36775.914 | 43567.484 | 28.224 | 29.626 | 27.192 | 1.02 |
| 9/29/2018 12:15 | 2038500 | 69.286 | 16.838 | 156.074 | 36751.859 | 43539.328 | 28.204 | 29.607 | 27.221 | 1.02 |
| 9/29/2018 12:30 | 2039400 | 69.294 | 16.842 | 156.091 | 36782.637 | 43572.051 | 28.228 | 29.629 | 27.187 | 1.02 |
| 9/29/2018 12:45 | 2040300 | 69.285 | 16.839 | 156.072 | 36777.355 | 43569.094 | 28.225 | 29.627 | 27.191 | 1.02 |
| 9/29/2018 13:00 | 2041200 | 69.292 | 16.836 | 156.087 | 36785.262 | 43580.988 | 28.234 | 29.635 | 27.185 | 1.02 |
| 9/29/2018 13:15 | 2042100 | 69.293 | 16.831 | 156.09 | 36781.324 | 43580.746 | 28.233 | 29.635 | 27.188 | 1.02 |
| 9/29/2018 13:30 | 2043000 | 69.296 | 16.829 | 156.097 | 36757.633 | 43554.77 | 28.214 | 29.617 | 27.205 | 1.02 |
| 9/29/2018 13:45 | 2043900 | 69.314 | 16.837 | 156.137 | 36748.766 | 43536.887 | 28.202 | 29.605 | 27.212 | 1.02 |
| 9/29/2018 14:00 | 2044800 | 69.308 | 16.837 | 156.124 | 36779.387 | 43572.555 | 28.228 | 29.629 | 27.189 | 1.02 |
| 9/29/2018 14:15 | 2045700 | 69.307 | 16.842 | 156.121 | 36768.371 | 43554.563 | 28.215 | 29.617 | 27.197 | 1.02 |
| 9/29/2018 14:30 | 2046600 | 69.311 | 16.837 | 156.131 | 36769.801 | 43561.715 | 28.22 | 29.622 | 27.196 | 1.02 |
| 9/29/2018 14:45 | 2047500 | 69.313 | 16.825 | 156.135 | 36761.277 | 43562.98 | 28.22 | 29.623 | 27.203 | 1.02 |
| 9/29/2018 15:00 | 2048400 | 69.317 | 16.836 | 156.143 | 36775.832 | 43570.246 | 28.226 | 29.628 | 27.192 | 1.02 |
| 9/29/2018 15:15 | 2049300 | 69.318 | 16.836 | 156.145 | 36754.738 | 43544.301 | 28.207 | 29.61 | 27.207 | 1.02 |
| 9/29/2018 15:30 | 2050200 | 69.322 | 16.831 | 156.155 | 36771.418 | 43569.273 | 28.225 | 29.627 | 27.195 | 1.02 |
| 9/29/2018 15:45 | 2051100 | 69.323 | 16.83 | 156.156 | 36787.465 | 43589.934 | 28.24 | 29.641 | 27.183 | 1.02 |
| 9/29/2018 16:00 | 2052000 | 69.323 | 16.835 | 156.156 | 36753.023 | 43543.48 | 28.207 | 29.61 | 27.209 | 1.02 |
| 9/29/2018 16:15 | 2052900 | 69.329 | 16.828 | 156.17 | 36763.238 | 43562.703 | 28.22 | 29.623 | 27.201 | 1.02 |
| 9/29/2018 16:30 | 2053800 | 69.33 | 16.838 | 156.172 | 36758.809 | 43548 | 28.21 | 29.613 | 27.204 | 1.02 |
| 9/29/2018 16:45 | 2054700 | 69.331 | 16.83 | 156.175 | 36796.492 | 43600.375 | 28.247 | 29.648 | 27.177 | 1.02 |
| 9/29/2018 17:00 | 2055600 | 69.33 | 16.833 | 156.174 | 36782.289 | 43580.07 | 28.233 | 29.634 | 27.187 | 1.02 |
| 9/29/2018 17:15 | 2056500 | 69.33 | 16.826 | 156.172 | 36774.953 | 43579.016 | 28.232 | 29.634 | 27.192 | 1.02 |
| 9/29/2018 17:30 | 2057400 | 69.331 | 16.832 | 156.175 | 36761.582 | 43556.492 | 28.216 | 29.618 | 27.202 | 1.02 |
| 9/29/2018 17:45 | 2058300 | 69.332 | 16.835 | 156.177 | 36767.363 | 43560.559 | 28.219 | 29.621 | 27.198 | 1.02 |
| 9/29/2018 18:00 | 2059200 | 69.327 | 16.825 | 156.167 | 36743.094 | 43541.527 | 28.205 | 29.608 | 27.216 | 1.02 |
| 9/29/2018 18:15 | 2060100 | 69.325 | 16.825 | 156.162 | 36744.941 | 43544.066 | 28.207 | 29.61 | 27.215 | 1.02 |
| 9/29/2018 18:30 | 2061000 | 69.33 | 16.83 | 156.173 | 36779.598 | 43579.744 | 28.233 | 29.634 | 27.189 | 1.02 |
| 9/29/2018 18:45 | 2061900 | 69.318 | 16.834 | 156.145 | 36780.57 | 43577.342 | 28.231 | 29.633 | 27.188 | 1.02 |
| 9/29/2018 19:00 | 2062800 | 69.318 | 16.839 | 156.145 | 36782.629 | 43574.484 | 28.229 | 29.631 | 27.187 | 1.02 |
| 9/29/2018 19:15 | 2063700 | 69.322 | 16.828 | 156.154 | 36777.535 | 43579.645 | 28.232 | 29.634 | 27.191 | 1.02 |
| 9/29/2018 19:30 | 2064600 | 69.314 | 16.833 | 156.136 | 36781.492 | 43579.219 | 28.232 | 29.634 | 27.188 | 1.02 |
| 9/29/2018 19:45 | 2065500 | 69.308 | 16.835 | 156.122 | 36750.402 | 43540.898 | 28.205 | 29.608 | 27.211 | 1.02 |
| 9/29/2018 20:00 | 2066400 | 69.303 | 16.846 | 156.111 | 36787.195 | 43573.645 | 28.229 | 29.63 | 27.183 | 1.02 |
| 9/29/2018 20:15 | 2067300 | 69.301 | 16.826 | 156.106 | 36755.305 | 43555.039 | 28.215 | 29.617 | 27.207 | 1.02 |
| 9/29/2018 20:30 | 2068200 | 69.299 | 16.837 | 156.103 | 36764.375 | 43554.852 | 28.215 | 29.617 | 27.2 | 1.02 |
| 9/29/2018 20:45 | 2069100 | 69.291 | 16.843 | 156.086 | 36785.445 | 43573.71 | 28.229 | 29.63 | 27.185 | 1.02 |
| 9/29/2018 21:00 | 2070000 | 69.296 | 16.823 | 156.095 | 36774.258 | 43580.887 | 28.233 | 29.635 | 27.193 | 1.02 |
| 9/29/2018 21:15 | 2070900 | 69.286 | 16.832 | 156.074 | 36777.66 | 43576.234 | 28.23 | 29.632 | 27.19 | 1.02 |
| 9/29/2018 21:30 | 2071800 | 69.282 | 16.836 | 156.064 | 36774.77 | 43568.988 | 28.225 | 29.627 | 27.193 | 1.02 |
| 9/29/2018 21:45 | 2072700 | 69.275 | 16.826 | 156.05 | 36751.195 | 43550.68 | 28.211 | 29.614 | 27.21 | 1.02 |
| 9/29/2018 22:00 | 2073600 | 69.274 | 16.833 | 156.046 | 36777.441 | 43575.109 | 28.229 | 29.631 | 27.191 | 1.02 |
| 9/29/2018 22:15 | 2074500 | 69.275 | 16.823 | 156.048 | 36766.855 | 43572.031 | 28.227 | 29.629 | 27.198 | 1.02 |
| 9/29/2018 22:30 | 2075400 | 69.269 | 16.829 | 156.034 | 36753.098 | 43549.297 | 28.211 | 29.614 | 27.209 | 1.02 |
| 9/29/2018 22:45 | 2076300 | 69.267 | 16.835 | 156.03 | 36754.273 | 43545.141 | 28.208 | 29.611 | 27.208 | 1.02 |
| 9/29/2018 23:00 | 2077200 | 69.262 | 16.834 | 156.019 | 36745.434 | 43535.715 | 28.201 | 29.604 | 27.214 | 1.02 |
| 9/29/2018 23:15 | 2078100 | 69.26 | 16.829 | 156.016 | 36768.133 | 43567.895 | 28.224 | 29.626 | 27.197 | 1.02 |
| 9/29/2018 23:30 | 2079000 | 69.26 | 16.837 | 156.015 | 36754.746 | 43544.047 | 28.207 | 29.61 | 27.207 | 1.02 |
| 9/29/2018 23:45 | 2079900 | 69.256 | 16.832 | 156.005 | 36768.512 | 43564.957 | 28.222 | 29.624 | 27.197 | 1.02 |
| 9/30/2018 0:00 | 2080800 | 69.264 | 16.834 | 156.023 | 36763.492 | 43556.84 | 28.216 | 29.619 | 27.201 | 1.02 |
| 9/30/2018 0:15 | 2081700 | 69.254 | 16.822 | 156.002 | 36764.887 | 43570.473 | 28.225 | 29.628 | 27.2 | 1.02 |
| 9/30/2018 0:30 | 2082600 | 69.263 | 16.839 | 156.021 | 36757 | 43544.297 | 28.207 | 29.61 | 27.206 | 1.02 |
| 9/30/2018 0:45 | 2083500 | 69.254 | 16.835 | 156.002 | 36779.055 | 43574.41 | 28.229 | 29.631 | 27.189 | 1.02 |
| 9/30/2018 1:00 | 2084400 | 69.255 | 16.838 | 156.003 | 36803.277 | 43599.984 | 28.247 | 29.648 | 27.171 | 1.02 |
| 9/30/2018 1:15 | 2085300 | 69.251 | 16.828 | 155.994 | 36755.223 | 43553.375 | 28.213 | 29.616 | 27.207 | 1.02 |
| 9/30/2018 1:30 | 2086200 | 69.255 | 16.835 | 156.004 | 36763.07 | 43555.824 | 28.216 | 29.618 | 27.201 | 1.02 |
| 9/30/2018 1:45 | 2087100 | 69.256 | 16.834 | 156.005 | 36753.316 | 43544.617 | 28.207 | 29.61 | 27.208 | 1.02 |
| 9/30/2018 2:00 | 2088000 | 69.255 | 16.833 | 156.003 | 36748.496 | 43540.551 | 28.204 | 29.608 | 27.212 | 1.02 |
| 9/30/2018 2:15 | 2088900 | 69.256 | 16.831 | 156.006 | 36772.605 | 43570.938 | 28.226 | 29.628 | 27.194 | 1.02 |
| 9/30/2018 2:30 | 2089800 | 69.256 | 16.833 | 156.006 | 36754.121 | 43546.789 | 28.209 | 29.612 | 27.208 | 1.02 |
| 9/30/2018 2:45 | 2090700 | 69.255 | 16.833 | 156.004 | 36753.609 | 43546.52 | 28.209 | 29.612 | 27.208 | 1.02 |
| 9/30/2018 3:00 | 2091600 | 69.261 | 16.828 | 156.017 | 36761.016 | 43560.418 | 28.218 | 29.621 | 27.203 | 1.02 |
| 9/30/2018 3:15 | 2092500 | 69.263 | 16.828 | 156.023 | 36768.566 | 43569.285 | 28.225 | 29.627 | 27.197 | 1.02 |
| 9/30/2018 3:30 | 2093400 | 69.264 | 16.841 | 156.024 | 36767.148 | 43554.582 | 28.215 | 29.617 | 27.198 | 1.02 |
| 9/30/2018 3:45 | 2094300 | 69.269 | 16.833 | 156.035 | 36778.73 | 43575.762 | 28.23 | 29.632 | 27.19 | 1.02 |
| 9/30/2018 4:00 | 2095200 | 69.265 | 16.84 | | | | | | | |

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|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 10/1/2018 2:30 | 2176200 | 69.326 | 16.831 | 156.163 | 36773.094 | 43571.699 | 28.227 | 29.629 | 27.194 | 1.02 |
| 10/1/2018 2:45 | 2177100 | 69.327 | 16.837 | 156.167 | 36777.902 | 43571.23 | 28.227 | 29.628 | 27.19 | 1.02 |
| 10/1/2018 3:00 | 2178000 | 69.338 | 16.839 | 156.19 | 36774.93 | 43565.973 | 28.223 | 29.625 | 27.192 | 1.02 |
| 10/1/2018 3:15 | 2178900 | 69.331 | 16.835 | 156.174 | 36777.383 | 43572.781 | 28.228 | 29.629 | 27.191 | 1.02 |
| 10/1/2018 3:30 | 2179800 | 69.331 | 16.839 | 156.174 | 36770.699 | 43560.863 | 28.219 | 29.621 | 27.196 | 1.02 |
| 10/1/2018 3:45 | 2180700 | 69.333 | 16.832 | 156.179 | 36751.551 | 43545.387 | 28.208 | 29.611 | 27.21 | 1.02 |
| 10/1/2018 4:00 | 2181600 | 69.34 | 16.837 | 156.195 | 36745.098 | 43532.195 | 28.199 | 29.602 | 27.215 | 1.02 |
| 10/1/2018 4:15 | 2182500 | 69.336 | 16.834 | 156.187 | 36761.68 | 43555.305 | 28.215 | 29.618 | 27.202 | 1.02 |
| 10/1/2018 4:30 | 2183400 | 69.34 | 16.833 | 156.195 | 36762.488 | 43557.395 | 28.217 | 29.619 | 27.202 | 1.02 |
| 10/1/2018 4:45 | 2184300 | 69.342 | 16.839 | 156.201 | 36767.809 | 43557.102 | 28.217 | 29.619 | 27.198 | 1.02 |
| 10/1/2018 5:00 | 2185200 | 69.344 | 16.824 | 156.204 | 36772.648 | 43578.023 | 28.231 | 29.633 | 27.194 | 1.02 |
| 10/1/2018 5:15 | 2186100 | 69.348 | 16.827 | 156.213 | 36782.012 | 43586.426 | 28.237 | 29.639 | 27.187 | 1.02 |
| 10/1/2018 5:30 | 2187000 | 69.352 | 16.822 | 156.223 | 36780.012 | 43588.059 | 28.238 | 29.64 | 27.189 | 1.02 |
| 10/1/2018 5:45 | 2187900 | 69.352 | 16.822 | 156.223 | 36761.801 | 43557.18 | 28.216 | 29.619 | 27.202 | 1.02 |
| 10/1/2018 6:00 | 2188800 | 69.355 | 16.829 | 156.23 | 36763.605 | 43561.93 | 28.22 | 29.622 | 27.201 | 1.02 |
| 10/1/2018 6:15 | 2189700 | 69.354 | 16.832 | 156.228 | 36779.734 | 43578.691 | 28.232 | 29.634 | 27.189 | 1.02 |
| 10/1/2018 6:30 | 2190600 | 69.361 | 16.83 | 156.243 | 36780.844 | 43581.918 | 28.234 | 29.636 | 27.188 | 1.02 |
| 10/1/2018 6:45 | 2191500 | 69.363 | 16.832 | 156.247 | 36782.262 | 43581.422 | 28.234 | 29.635 | 27.187 | 1.02 |
| 10/1/2018 7:00 | 2192400 | 69.366 | 16.83 | 156.254 | 36761.555 | 43559.234 | 28.218 | 29.62 | 27.202 | 1.02 |
| 10/1/2018 7:15 | 2193300 | 69.367 | 16.835 | 156.256 | 36787.555 | 43584.742 | 28.236 | 29.638 | 27.183 | 1.02 |
| 10/1/2018 7:30 | 2194200 | 69.373 | 16.826 | 156.269 | 36787.52 | 43593.477 | 28.242 | 29.644 | 27.183 | 1.02 |
| 10/1/2018 7:45 | 2195100 | 69.376 | 16.833 | 156.277 | 36751.035 | 43543.133 | 28.206 | 29.609 | 27.21 | 1.02 |
| 10/1/2018 8:00 | 2196000 | 69.376 | 16.828 | 156.277 | 36761.551 | 43560.363 | 28.218 | 29.621 | 27.202 | 1.02 |
| 10/1/2018 8:15 | 2196900 | 69.377 | 16.836 | 156.278 | 36784.504 | 43579.91 | 28.233 | 29.634 | 27.185 | 1.02 |
| 10/1/2018 8:30 | 2197800 | 69.382 | 16.822 | 156.289 | 36765.836 | 43571.258 | 28.226 | 29.628 | 27.199 | 1.02 |
| 10/1/2018 8:45 | 2198700 | 69.374 | 16.838 | 156.271 | 36746.766 | 43533.641 | 28.2 | 29.603 | 27.213 | 1.02 |
| 10/1/2018 9:00 | 2199600 | 69.377 | 16.844 | 156.279 | 36781.566 | 43569.141 | 28.226 | 29.627 | 27.188 | 1.02 |
| 10/1/2018 9:15 | 2200500 | 69.381 | 16.827 | 156.288 | 36760.84 | 43560.816 | 28.219 | 29.621 | 27.203 | 1.02 |
| 10/1/2018 9:30 | 2201400 | 69.388 | 16.828 | 156.302 | 36774.098 | 43575.316 | 28.229 | 29.631 | 27.193 | 1.02 |
| 10/1/2018 9:45 | 2202300 | 69.381 | 16.839 | 156.288 | 36745.625 | 43531.254 | 28.198 | 29.601 | 27.214 | 1.02 |
| 10/1/2018 10:00 | 2203200 | 69.381 | 16.833 | 156.288 | 36778.781 | 43576.523 | 28.23 | 29.632 | 27.19 | 1.02 |
| 10/1/2018 10:15 | 2204100 | 69.382 | 16.832 | 156.289 | 36808.305 | 43612.277 | 28.256 | 29.656 | 27.168 | 1.02 |
| 10/1/2018 10:30 | 2205000 | 69.387 | 16.838 | 156.301 | 36775.613 | 43567.648 | 28.224 | 29.626 | 27.192 | 1.02 |
| 10/1/2018 10:45 | 2205900 | 69.383 | 16.839 | 156.292 | 36776.008 | 43567.496 | 28.224 | 29.626 | 27.192 | 1.02 |
| 10/1/2018 11:00 | 2206800 | 69.403 | 16.825 | 156.336 | 36761.332 | 43563.488 | 28.221 | 29.623 | 27.202 | 1.02 |
| 10/1/2018 11:15 | 2207700 | 69.388 | 16.826 | 156.303 | 36757.719 | 43558.16 | 28.217 | 29.62 | 27.205 | 1.02 |
| 10/1/2018 11:30 | 2208600 | 69.395 | 16.824 | 156.318 | 36785.879 | 43591.965 | 28.241 | 29.643 | 27.184 | 1.02 |
| 10/1/2018 11:45 | 2209500 | 69.397 | 16.86 | 156.323 | 36769.645 | 43558.148 | 28.218 | 29.62 | 27.196 | 1.02 |
| 10/1/2018 12:00 | 2210400 | 69.397 | 16.83 | 156.324 | 36767.332 | 43565.824 | 28.222 | 29.625 | 27.198 | 1.02 |
| 10/1/2018 12:15 | 2211300 | 69.4 | 16.829 | 156.331 | 36765.637 | 43564.762 | 28.222 | 29.624 | 27.199 | 1.02 |
| 10/1/2018 12:30 | 2212200 | 69.407 | 16.831 | 156.346 | 36769.496 | 43567.434 | 28.224 | 29.626 | 27.196 | 1.02 |
| 10/1/2018 12:45 | 2213100 | 69.406 | 16.827 | 156.343 | 36751.063 | 43549.75 | 28.211 | 29.614 | 27.21 | 1.02 |
| 10/1/2018 13:00 | 2214000 | 69.402 | 16.829 | 156.335 | 36756.453 | 43553.543 | 28.214 | 29.616 | 27.206 | 1.02 |
| 10/1/2018 13:15 | 2214900 | 69.409 | 16.843 | 156.35 | 36777.352 | 43564.84 | 28.222 | 29.624 | 27.191 | 1.02 |
| 10/1/2018 13:30 | 2215800 | 69.408 | 16.838 | 156.349 | 36778.082 | 43570.836 | 28.226 | 29.628 | 27.19 | 1.02 |
| 10/1/2018 13:45 | 2216700 | 69.412 | 16.827 | 156.357 | 36753.426 | 43551.949 | 28.212 | 29.615 | 27.208 | 1.02 |
| 10/1/2018 14:00 | 2217600 | 69.419 | 16.835 | 156.372 | 36796.438 | 43595.184 | 28.244 | 29.645 | 27.177 | 1.02 |
| 10/1/2018 14:15 | 2218500 | 69.421 | 16.828 | 156.378 | 36757.301 | 43556.098 | 28.215 | 29.618 | 27.205 | 1.02 |
| 10/1/2018 14:30 | 2219400 | 69.435 | 16.832 | 156.41 | 36765.242 | 43561.609 | 28.22 | 29.622 | 27.2 | 1.02 |
| 10/1/2018 14:45 | 2220300 | 69.428 | 16.831 | 156.394 | 36753.16 | 43548.25 | 28.21 | 29.613 | 27.209 | 1.02 |
| 10/1/2018 15:00 | 2221200 | 69.427 | 16.836 | 156.392 | 36773.629 | 43566.773 | 28.223 | 29.625 | 27.193 | 1.02 |
| 10/1/2018 15:15 | 2222100 | 69.438 | 16.83 | 156.415 | 36757.414 | 43553.898 | 28.214 | 29.617 | 27.205 | 1.02 |
| 10/1/2018 15:30 | 2223000 | 69.436 | 16.835 | 156.412 | 36757.113 | 43548.324 | 28.21 | 29.613 | 27.206 | 1.02 |
| 10/1/2018 15:45 | 2223900 | 69.44 | 16.83 | 156.419 | 36767.348 | 43565.141 | 28.222 | 29.624 | 27.198 | 1.02 |
| 10/1/2018 16:00 | 2224800 | 69.442 | 16.838 | 156.425 | 36771.836 | 43563.434 | 28.221 | 29.623 | 27.195 | 1.02 |
| 10/1/2018 16:15 | 2225700 | 69.449 | 16.825 | 156.441 | 36749.141 | 43549.125 | 28.21 | 29.613 | 27.212 | 1.02 |
| 10/1/2018 16:30 | 2226600 | 69.45 | 16.834 | 156.444 | 36780.426 | 43577.172 | 28.231 | 29.632 | 27.188 | 1.02 |
| 10/1/2018 16:45 | 2227500 | 69.456 | 16.829 | 156.457 | 36766.805 | 43565.539 | 28.222 | 29.625 | 27.198 | 1.02 |
| 10/1/2018 17:00 | 2228400 | 69.459 | 16.827 | 156.462 | 36779.957 | 43583.121 | 28.235 | 29.637 | 27.189 | 1.02 |
| 10/1/2018 17:15 | 2229300 | 69.461 | 16.843 | 156.469 | 36785.41 | 43574.121 | 28.229 | 29.63 | 27.185 | 1.02 |
| 10/1/2018 17:30 | 2230200 | 69.46 | 16.829 | 156.465 | 36750.305 | 43546.258 | 28.208 | 29.611 | 27.211 | 1.02 |
| 10/1/2018 17:45 | 2231100 | 69.463 | 16.822 | 156.471 | 36767.16 | 43573.078 | 28.227 | 29.63 | 27.198 | 1.02 |
| 10/1/2018 18:00 | 2232000 | 69.467 | 16.83 | 156.482 | 36741.531 | 43535.418 | 28.201 | 29.604 | 27.217 | 1.02 |
| 10/1/2018 18:15 | 2232900 | 69.469 | 16.835 | 156.486 | 36800.66 | 43600.445 | 28.248 | 29.648 | 27.173 | 1.02 |
| 10/1/2018 18:30 | 2233800 | 69.467 | 16.832 | 156.482 | 36756.211 | 43550.383 | 28.211 | 29.614 | 27.206 | 1.02 |
| 10/1/2018 18:45 | 2234700 | 69.466 | 16.832 | 156.48 | 36773.66 | 43570.973 | 28.226 | 29.628 | 27.193 | 1.02 |
| 10/1/2018 19:00 | 2235600 | 69.469 | 16.841 | 156.486 | 36765.215 | 43552.465 | 28.213 | 29.616 | 27.2 | 1.02 |
| 10/1/2018 19:15 | 2236500 | 69.465 | 16.834 | 156.478 | 36761.992 | 43555.766 | 28.215 | 29.618 | 27.202 | 1.02 |
| 10/1/2018 19:30 | 2237400 | 69.466 | 16.84 | 156.479 | 36790.152 | 43583.047 | 28.235 | 29.636 | 27.181 | 1.02 |
| 10/1/2018 19:45 | 2238300 | 69.469 | 16.824 | 156.487 | 36770.352 | 43575.125 | 28.229 | 29.631 | 27.196 | 1.02 |
| 10/1/2018 20:00 | 2239200 | 69.466 | 16.832 | 156.479 | 36767.605 | 43564.238 | 28.221 | 29.624 | 27.198 | 1.02 |
| 10/1/2018 20:15 | 2240100 | 69.459 | 16.83 | 156.463 | 36754.961 | 43551.25 | 28.212 | 29.615 | 27.207 | 1.02 |
| 10/1/2018 20:30 | 2241000 | 69.457 | 16.827 | 156.459 | 36747.523 | 43545.473 | 28.208 | 29.611 | 27.213 | 1.02 |
| 10/1/2018 20:45 | 2241900 | 69.46 | 16.834 | 156.466 | 36766.172 | 43560.539 | 28.219 | 29.621 | 27.199 | 1.02 |
| 10/1/2018 21:00 | 2242800 | 69.456 | 16.84 | 156.456 | 36763.051 | 43550.766 | 28.212 | 29.615 | 27.201 | 1.02 |
| 10/1/2018 21:15 | 2243700 | 69.451 | 16.823 | 156.444 | 36745.238 | 43546.758 | 28.208 | 29.612 | 27.214 | 1.02 |
| 10/1/2018 21:30 | 2244600 | 69.447 | 16.826 | 156.436 | 36757.145 | 43557.137 | 28.216 | 29.619 | 27.209 | 1.02 |
| 10/1/2018 21:45 | 2245500 | 69.445 | 16.826 | 156.431 | 36778.219 | 43582.109 | 28.234 | 29.636 | 27.19 | 1.02 |
| 10/1/2018 22:00 | 2246400 | 69.446 | 16.838 | 156.434 | 36747.109 | 43533.797 | 28.2 | 29.603 | 27.213 | 1.02 |
| 10/1/2018 22:15 | 2247300 | 69.44 | 16.819 | 156.419 | 36767.043 | 43576.156 | 28.229 | 29.632 | 27.198 | 1.02 |
| 10/1/2018 22:30 | 2248200 | 69.435 | 16.839 | 156.409 | 36771.051 | 43561.625 | 28.22 | 29.622 | 27.195 | 1.02 |
| 10/1/2018 22:45 | 2249100 | 69.43 | 16.842 | 156.397 | 36770.445 | 43557.098 | 28.217 | 29.619 | 27.196 | 1.02 |
| 10/1/2018 23:00 | 2250000 | 69.438 | 16.841 | 156.415 | 36787.613 | 43578.613 | 28.232 | 29.633 | 27.183 | 1.02 |
| 10/1/2018 23:15 | 2250900 | 69.42 | 16.828 | 156.376 | 36756.695 | 43555.469 | 28.215 | 29.618 | 27.206 | 1.02 |
| 10/1/2018 23:30 | 2251800 | 69.417 | 16.832 | 156.368 | 36771.215 | 43567.816 | 28.224 | 29.626 | 27.195 | 1.02 |
| 10/1/2018 23:45 | 2252700 | 69.412 | 16.83 | 156.358 | 36781.938 | 43583.387 | 28.235 | 29.637 | 27.187 | 1.02 |
| 10/2/2018 0:00 | 2253600 | 69.407 | 16.832 | 156.347 | 36785.305 | 43584.855 | 28.236 | 29.638 | 27.185 | 1.02 |
| 10/2/2018 0:15 | 2254500 | 69.399 | 16.832 | 156.327 | 36787.926 | 43587.617 | 28.238 | 29.64 | 27.183 | 1.02 |
| 10/2/2018 0:30 | 2255400 | 69.418 | | | | | | | | |

| | | | | | | | | | | |
|-----------------|---------|--------|--------|---------|-----------|-----------|--------|--------|--------|------|
| 10/2/2018 23:00 | 2336400 | 69.477 | 16.837 | 156.503 | 36757.434 | 43546.547 | 28.209 | 29.612 | 27.205 | 1.02 |
| 10/2/2018 23:15 | 2337300 | 69.472 | 16.831 | 156.492 | 36763.977 | 43561.066 | 28.219 | 29.622 | 27.201 | 1.02 |
| 10/2/2018 23:30 | 2338200 | 69.469 | 16.828 | 156.485 | 36751.695 | 43549.195 | 28.21 | 29.613 | 27.21 | 1.02 |
| 10/2/2018 23:45 | 2339100 | 69.466 | 16.834 | 156.48 | 36782.047 | 43579.438 | 28.232 | 29.634 | 27.187 | 1.02 |
| 10/3/2018 0:00 | 2340000 | 69.457 | 16.838 | 156.459 | 36780.188 | 43572.547 | 28.228 | 29.629 | 27.189 | 1.02 |
| 10/3/2018 0:15 | 2340900 | 69.456 | 16.852 | 156.457 | 36796.352 | 43578.32 | 28.233 | 29.633 | 27.177 | 1.02 |
| 10/3/2018 0:30 | 2341800 | 69.452 | 16.835 | 156.448 | 36745.527 | 43534.688 | 28.2 | 29.604 | 27.214 | 1.02 |
| 10/3/2018 0:45 | 2342700 | 69.445 | 16.834 | 156.431 | 36746.047 | 43536.875 | 28.202 | 29.605 | 27.214 | 1.02 |
| 10/3/2018 1:00 | 2343600 | 69.443 | 16.824 | 156.427 | 36738.285 | 43537.219 | 28.202 | 29.605 | 27.22 | 1.02 |
| 10/3/2018 1:15 | 2344500 | 69.44 | 16.834 | 156.42 | 36748.043 | 43539.059 | 28.203 | 29.607 | 27.212 | 1.02 |
| 10/3/2018 1:30 | 2345400 | 69.434 | 16.829 | 156.407 | 36779.918 | 43581.176 | 28.233 | 29.635 | 27.189 | 1.02 |
| 10/3/2018 1:45 | 2346300 | 69.437 | 16.829 | 156.414 | 36785.879 | 43589.012 | 28.239 | 29.641 | 27.184 | 1.02 |
| 10/3/2018 2:00 | 2347200 | 69.427 | 16.834 | 156.392 | 36798.844 | 43598.902 | 28.246 | 29.647 | 27.175 | 1.02 |
| 10/3/2018 2:15 | 2348100 | 69.436 | 16.839 | 156.411 | 36773.363 | 43563.855 | 28.222 | 29.623 | 27.194 | 1.02 |
| 10/3/2018 2:30 | 2349000 | 69.418 | 16.828 | 156.37 | 36761.16 | 43560.332 | 28.218 | 29.621 | 27.203 | 1.02 |
| 10/3/2018 2:45 | 2349900 | 69.412 | 16.834 | 156.357 | 36793.777 | 43592.555 | 28.242 | 29.643 | 27.179 | 1.02 |
| 10/3/2018 3:00 | 2350800 | 69.414 | 16.829 | 156.361 | 36760.148 | 43558.523 | 28.217 | 29.62 | 27.203 | 1.02 |
| 10/3/2018 3:15 | 2351700 | 69.416 | 16.838 | 156.367 | 36777.188 | 43569.68 | 28.226 | 29.627 | 27.191 | 1.02 |
| 10/3/2018 3:30 | 2352600 | 69.427 | 16.833 | 156.39 | 36755.797 | 43548.68 | 28.21 | 29.613 | 27.207 | 1.02 |
| 10/3/2018 3:45 | 2353500 | 69.412 | 16.833 | 156.358 | 36778.875 | 43576.199 | 28.23 | 29.632 | 27.19 | 1.02 |
| 10/3/2018 4:00 | 2354400 | 69.409 | 16.832 | 156.35 | 36772.816 | 43569.977 | 28.226 | 29.628 | 27.194 | 1.02 |
| 10/3/2018 4:15 | 2355300 | 69.413 | 16.827 | 156.36 | 36759.121 | 43559.125 | 28.217 | 29.62 | 27.204 | 1.02 |
| 10/3/2018 4:30 | 2356200 | 69.413 | 16.833 | 156.36 | 36770.93 | 43566.867 | 28.223 | 29.625 | 27.195 | 1.02 |
| 10/3/2018 4:45 | 2357100 | 69.423 | 16.844 | 156.382 | 36778.887 | 43565.105 | 28.223 | 29.624 | 27.19 | 1.02 |
| 10/3/2018 5:00 | 2358000 | 69.407 | 16.826 | 156.347 | 36752.02 | 43551.582 | 28.212 | 29.615 | 27.209 | 1.02 |
| 10/3/2018 5:15 | 2358900 | 69.412 | 16.83 | 156.358 | 36771.27 | 43569.969 | 28.225 | 29.628 | 27.195 | 1.02 |
| 10/3/2018 5:30 | 2359800 | 69.412 | 16.833 | 156.357 | 36774.484 | 43570.82 | 28.226 | 29.628 | 27.193 | 1.02 |
| 10/3/2018 5:45 | 2360700 | 69.41 | 16.829 | 156.353 | 36779.059 | 43580.41 | 28.233 | 29.635 | 27.189 | 1.02 |
| 10/3/2018 6:00 | 2361600 | 69.414 | 16.829 | 156.361 | 36776.582 | 43577.566 | 28.231 | 29.633 | 27.191 | 1.02 |
| 10/3/2018 6:15 | 2362500 | 69.414 | 16.834 | 156.361 | 36789.621 | 43588.23 | 28.239 | 29.64 | 27.182 | 1.02 |
| 10/3/2018 6:30 | 2363400 | 69.424 | 16.836 | 156.384 | 36764.355 | 43555.867 | 28.216 | 29.618 | 27.2 | 1.02 |
| 10/3/2018 6:45 | 2364300 | 69.418 | 16.845 | 156.37 | 36790.137 | 43577.391 | 28.232 | 29.633 | 27.181 | 1.02 |
| 10/3/2018 7:00 | 2365200 | 69.426 | 16.837 | 156.388 | 36769.621 | 43561.422 | 28.22 | 29.622 | 27.196 | 1.02 |
| 10/3/2018 7:15 | 2366100 | 69.426 | 16.835 | 156.388 | 36775.852 | 43571.051 | 28.226 | 29.628 | 27.192 | 1.02 |
| 10/3/2018 7:30 | 2367000 | 69.429 | 16.833 | 156.395 | 36759.43 | 43553.594 | 28.214 | 29.616 | 27.204 | 1.02 |
| 10/3/2018 7:45 | 2367900 | 69.431 | 16.834 | 156.399 | 36782.039 | 43579.34 | 28.232 | 29.634 | 27.187 | 1.02 |
| 10/3/2018 8:00 | 2368800 | 69.434 | 16.83 | 156.406 | 36784.691 | 43586.559 | 28.237 | 29.639 | 27.185 | 1.02 |
| 10/3/2018 8:15 | 2369700 | 69.435 | 16.835 | 156.41 | 36786.703 | 43584.078 | 28.236 | 29.637 | 27.184 | 1.02 |
| 10/3/2018 8:30 | 2370600 | 69.435 | 16.842 | 156.41 | 36779.898 | 43568.469 | 28.225 | 29.627 | 27.189 | 1.02 |
| 10/3/2018 8:45 | 2371500 | 69.444 | 16.83 | 156.429 | 36784.203 | 43585.641 | 28.237 | 29.638 | 27.186 | 1.02 |
| 10/3/2018 9:00 | 2372400 | 69.443 | 16.839 | 156.428 | 36780.828 | 43572.863 | 28.228 | 29.63 | 27.188 | 1.02 |
| 10/3/2018 9:15 | 2373300 | 69.449 | 16.826 | 156.441 | 36769.527 | 43572.066 | 28.227 | 29.629 | 27.196 | 1.02 |
| 10/3/2018 9:30 | 2374200 | 69.452 | 16.826 | 156.447 | 36741.336 | 43538.57 | 28.203 | 29.606 | 27.217 | 1.02 |
| 10/3/2018 9:45 | 2375100 | 69.453 | 16.83 | 156.449 | 36783.238 | 43584.152 | 28.236 | 29.637 | 27.186 | 1.02 |
| 10/3/2018 10:00 | 2376000 | 69.451 | 16.83 | 156.444 | 36762.762 | 43559.973 | 28.218 | 29.621 | 27.201 | 1.02 |
| 10/3/2018 10:15 | 2376900 | 69.459 | 16.828 | 156.462 | 36775.32 | 43577.289 | 28.231 | 29.633 | 27.192 | 1.02 |
| 10/3/2018 10:30 | 2377800 | 69.459 | 16.827 | 156.462 | 36772.98 | 43574.855 | 28.229 | 29.631 | 27.194 | 1.02 |
| 10/3/2018 10:45 | 2378700 | 69.46 | 16.845 | 156.466 | 36784.258 | 43571.211 | 28.227 | 29.628 | 27.186 | 1.02 |
| 10/3/2018 11:00 | 2379600 | 69.457 | 16.826 | 156.459 | 36772.738 | 43576.137 | 28.23 | 29.632 | 27.194 | 1.02 |
| 10/3/2018 11:15 | 2380500 | 69.472 | 16.833 | 156.493 | 36759.941 | 43554.109 | 28.214 | 29.617 | 27.204 | 1.02 |
| 10/3/2018 11:30 | 2381400 | 69.458 | 16.844 | 156.461 | 36800.254 | 43590.84 | 28.241 | 29.642 | 27.174 | 1.02 |
| 10/3/2018 11:45 | 2382300 | 69.461 | 16.847 | 156.469 | 36804.441 | 43592.852 | 28.243 | 29.643 | 27.171 | 1.02 |
| 10/3/2018 12:00 | 2383200 | 69.46 | 16.843 | 156.466 | 36776.18 | 43563.105 | 28.221 | 29.623 | 27.192 | 1.02 |
| 10/3/2018 12:15 | 2384100 | 69.46 | 16.826 | 156.465 | 36779.492 | 43583.875 | 28.235 | 29.637 | 27.189 | 1.02 |
| 10/3/2018 12:30 | 2385000 | 69.465 | 16.833 | 156.478 | 36765.348 | 43560.172 | 28.219 | 29.621 | 27.2 | 1.02 |
| 10/3/2018 12:45 | 2385900 | 69.466 | 16.826 | 156.48 | 36754.367 | 43554.191 | 28.214 | 29.617 | 27.208 | 1.02 |
| 10/3/2018 13:00 | 2386800 | 69.478 | 16.834 | 156.505 | 36780.238 | 43576.77 | 28.231 | 29.632 | 27.189 | 1.02 |
| 10/3/2018 13:15 | 2387700 | 69.464 | 16.829 | 156.474 | 36752.703 | 43549.184 | 28.21 | 29.613 | 27.209 | 1.02 |
| 10/3/2018 13:30 | 2388600 | 69.464 | 16.838 | 156.475 | 36772.523 | 43564.25 | 28.222 | 29.624 | 27.194 | 1.02 |
| 10/3/2018 13:45 | 2389500 | 69.466 | 16.825 | 156.479 | 36766.371 | 43569.191 | 28.225 | 29.627 | 27.199 | 1.02 |
| 10/3/2018 14:00 | 2390400 | 69.465 | 16.843 | 156.478 | 36795.691 | 43585.973 | 28.238 | 29.638 | 27.177 | 1.02 |
| 10/3/2018 14:15 | 2391300 | 69.469 | 16.832 | 156.485 | 36778.398 | 43577.027 | 28.231 | 29.632 | 27.19 | 1.02 |
| 10/3/2018 14:30 | 2392200 | 69.47 | 16.83 | 156.489 | 36773.156 | 43572.727 | 28.227 | 29.629 | 27.194 | 1.02 |
| 10/3/2018 14:45 | 2393100 | 69.47 | 16.823 | 156.488 | 36768.289 | 43573.285 | 28.227 | 29.63 | 27.197 | 1.02 |
| 10/3/2018 15:00 | 2394000 | 69.475 | 16.823 | 156.499 | 36770.652 | 43576.086 | 28.229 | 29.632 | 27.196 | 1.02 |
| 10/3/2018 15:15 | 2394900 | 69.475 | 16.83 | 156.499 | 36777.555 | 43577.32 | 28.231 | 29.633 | 27.19 | 1.02 |
| 10/3/2018 15:30 | 2395800 | 69.479 | 16.828 | 156.508 | 36762.031 | 43561.445 | 28.219 | 29.622 | 27.202 | 1.02 |
| 10/3/2018 15:45 | 2396700 | 69.477 | 16.831 | 156.504 | 36764.824 | 43561.719 | 28.22 | 29.622 | 27.2 | 1.02 |
| 10/3/2018 16:00 | 2397600 | 69.477 | 16.846 | 156.504 | 36783.824 | 43569.738 | 28.226 | 29.627 | 27.186 | 1.02 |
| 10/3/2018 16:15 | 2398500 | 69.482 | 16.826 | 156.516 | 36790.504 | 43596.75 | 28.245 | 29.646 | 27.181 | 1.02 |
| 10/3/2018 16:30 | 2399400 | 69.482 | 16.848 | 156.516 | 36765.125 | 43544.902 | 28.208 | 29.611 | 27.2 | 1.02 |
| 10/3/2018 16:45 | 2400300 | 69.487 | 16.837 | 156.525 | 36779.797 | 43573.203 | 28.228 | 29.63 | 27.189 | 1.02 |
| 10/3/2018 17:00 | 2401200 | 69.491 | 16.835 | 156.534 | 36794.813 | 43593.613 | 28.243 | 29.644 | 27.178 | 1.02 |
| 10/3/2018 17:15 | 2402100 | 69.495 | 16.834 | 156.545 | 36748.285 | 43539.348 | 28.204 | 29.607 | 27.212 | 1.02 |
| 10/3/2018 17:30 | 2403000 | 69.497 | 16.831 | 156.548 | 36757.746 | 43553.594 | 28.214 | 29.616 | 27.205 | 1.02 |
| 10/3/2018 17:45 | 2403900 | 69.5 | 16.828 | 156.555 | 36745.277 | 43541.691 | 28.205 | 29.608 | 27.214 | 1.02 |
| 10/3/2018 18:00 | 2404800 | 69.497 | 16.832 | 156.55 | 36731.234 | 43521.227 | 28.19 | 29.594 | 27.225 | 1.02 |
| 10/3/2018 18:15 | 2405700 | 69.504 | 16.828 | 156.565 | 36760.188 | 43558.914 | 28.217 | 29.62 | 27.203 | 1.02 |
| 10/3/2018 18:30 | 2406600 | 69.512 | 16.822 | 156.583 | 36767.16 | 43573.609 | 28.228 | 29.63 | 27.198 | 1.02 |
| 10/3/2018 18:45 | 2407500 | 69.512 | 16.823 | 156.583 | 36766.531 | 43571.293 | 28.226 | 29.628 | 27.199 | 1.02 |
| 10/3/2018 19:00 | 2408400 | 69.516 | 16.829 | 156.592 | 36775.18 | 43575.988 | 28.23 | 29.632 | 27.192 | 1.02 |
| 10/3/2018 19:15 | 2409300 | 69.524 | 16.831 | 156.61 | 36787.926 | 43588.57 | 28.239 | 29.64 | 27.183 | 1.02 |
| 10/3/2018 19:30 | 2410200 | 69.518 | 16.829 | 156.596 | 36759.563 | 43557.656 | 28.217 | 29.619 | 27.204 | 1.02 |
| 10/3/2018 19:45 | 2411100 | 69.523 | 16.83 | 156.607 | 36767.969 | 43566.48 | 28.223 | 29.625 | 27.198 | 1.02 |
| 10/3/2018 20:00 | 2412000 | 69.529 | 16.82 | 156.622 | 36763.734 | 43570.762 | 28.226 | 29.628 | 27.201 | 1.02 |
| 10/3/2018 20:15 | 2412900 | 69.524 | 16.826 | 156.61 | 36771.141 | 43573.633 | 28.228 | 29.63 | 27.195 | 1.02 |
| 10/3/2018 20:30 | 2413800 | 69.526 | 16.825 | 156.615 | 36809.168 | 43619.734 | 28.261 | 29.661 | 27.167 | 1.02 |
| 10/3/2018 20:45 | 2414700 | 69.526 | 16.824 | 156.615 | 36766.75 | 43570.777 | 28.226 | 29.628 | 27.198 | 1.02 |
| 10/3/2018 21:00 | 2415600 | 69.535 | 16.826 | 156.635 | 3 | | | | | |

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|----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/6/2018 18:15 | 72900 | 26.038 | 16.87 | 59.35 | 4154.02 | 4917.694 | 2.661 | 3.344 | 240.731 | 1.001 | 14.74 |
| 9/6/2018 18:30 | 73800 | 26.04 | 16.87 | 59.353 | 4154.331 | 4918.063 | 2.661 | 3.344 | 240.713 | 1.001 | 14.743 |
| 9/6/2018 18:45 | 74700 | 26.034 | 16.869 | 59.339 | 4154.879 | 4918.752 | 2.662 | 3.345 | 240.681 | 1.001 | 14.743 |
| 9/6/2018 19:00 | 75600 | 26.041 | 16.869 | 59.356 | 4154.804 | 4918.652 | 2.662 | 3.345 | 240.685 | 1.001 | 14.739 |
| 9/6/2018 19:15 | 76500 | 26.037 | 16.869 | 59.347 | 4155.006 | 4918.941 | 2.662 | 3.345 | 240.674 | 1.001 | 14.739 |
| 9/6/2018 19:30 | 77400 | 26.039 | 16.869 | 59.352 | 4155.233 | 4919.171 | 2.662 | 3.345 | 240.66 | 1.001 | 14.741 |
| 9/6/2018 19:45 | 78300 | 26.041 | 16.869 | 59.355 | 4154.955 | 4918.801 | 2.662 | 3.345 | 240.677 | 1.001 | 14.734 |
| 9/6/2018 20:00 | 79200 | 26.045 | 16.87 | 59.365 | 4155.286 | 4919.106 | 2.662 | 3.345 | 240.657 | 1.001 | 14.733 |
| 9/6/2018 20:15 | 80100 | 26.042 | 16.87 | 59.359 | 4154.375 | 4918.115 | 2.661 | 3.344 | 240.71 | 1.001 | 14.733 |
| 9/6/2018 20:30 | 81000 | 26.035 | 16.869 | 59.341 | 4154.388 | 4918.179 | 2.661 | 3.344 | 240.709 | 1.001 | 14.743 |
| 9/6/2018 20:45 | 81900 | 26.037 | 16.87 | 59.347 | 4154.758 | 4918.559 | 2.662 | 3.345 | 240.688 | 1.001 | 14.744 |
| 9/6/2018 21:00 | 82800 | 26.04 | 16.869 | 59.353 | 4154.164 | 4917.875 | 2.661 | 3.344 | 240.722 | 1.001 | 14.744 |
| 9/6/2018 21:15 | 83700 | 26.043 | 16.869 | 59.36 | 4154.21 | 4917.854 | 2.661 | 3.344 | 240.725 | 1.001 | 14.746 |
| 9/6/2018 21:30 | 84600 | 26.033 | 16.869 | 59.337 | 4153.186 | 4916.727 | 2.66 | 3.343 | 240.779 | 1.001 | 14.747 |
| 9/6/2018 21:45 | 85500 | 26.038 | 16.869 | 59.349 | 4153.924 | 4917.629 | 2.661 | 3.344 | 240.736 | 1.001 | 14.747 |
| 9/6/2018 22:00 | 86400 | 26.031 | 16.869 | 59.333 | 4153.682 | 4917.373 | 2.661 | 3.344 | 240.75 | 1.001 | 14.753 |
| 9/6/2018 22:15 | 87300 | 26.041 | 16.869 | 59.355 | 4152.338 | 4915.763 | 2.66 | 3.343 | 240.828 | 1.001 | 14.743 |
| 9/6/2018 22:30 | 88200 | 26.036 | 16.869 | 59.344 | 4153.115 | 4916.703 | 2.66 | 3.343 | 240.783 | 1.001 | 14.748 |
| 9/6/2018 22:45 | 89100 | 26.036 | 16.867 | 59.345 | 4152.833 | 4916.289 | 2.66 | 3.343 | 240.999 | 1.001 | 14.75 |
| 9/6/2018 23:00 | 90000 | 26.041 | 16.87 | 59.355 | 4152.656 | 4916.051 | 2.66 | 3.343 | 240.81 | 1.001 | 14.747 |
| 9/6/2018 23:15 | 90900 | 26.038 | 16.87 | 59.349 | 4152.547 | 4915.922 | 2.66 | 3.343 | 240.816 | 1.001 | 14.744 |
| 9/6/2018 23:30 | 91800 | 26.038 | 16.869 | 59.349 | 4152.005 | 4915.319 | 2.66 | 3.342 | 240.847 | 1.001 | 14.749 |
| 9/6/2018 23:45 | 92700 | 26.038 | 16.869 | 59.348 | 4151.633 | 4914.937 | 2.659 | 3.342 | 240.869 | 1.001 | 14.747 |
| 9/7/2018 0:00 | 93600 | 26.04 | 16.87 | 59.353 | 4152.797 | 4916.237 | 2.66 | 3.343 | 240.802 | 1.001 | 14.745 |
| 9/7/2018 0:15 | 94500 | 26.032 | 16.87 | 59.335 | 4152.198 | 4915.528 | 2.66 | 3.343 | 240.836 | 1.001 | 14.75 |
| 9/7/2018 0:30 | 95400 | 26.039 | 16.869 | 59.351 | 4152.436 | 4915.907 | 2.66 | 3.343 | 240.822 | 1.001 | 14.748 |
| 9/7/2018 0:45 | 96300 | 26.043 | 16.869 | 59.36 | 4152.925 | 4916.447 | 2.66 | 3.343 | 240.794 | 1.001 | 14.747 |
| 9/7/2018 1:00 | 97200 | 26.04 | 16.869 | 59.354 | 4152.358 | 4915.776 | 2.66 | 3.343 | 240.827 | 1.001 | 14.749 |
| 9/7/2018 1:15 | 98100 | 26.037 | 16.87 | 59.347 | 4153.656 | 4917.265 | 2.661 | 3.344 | 240.752 | 1.001 | 14.748 |
| 9/7/2018 1:30 | 99000 | 26.042 | 16.869 | 59.357 | 4152.843 | 4916.37 | 2.66 | 3.343 | 240.799 | 1.001 | 14.742 |
| 9/7/2018 1:45 | 99900 | 26.04 | 16.87 | 59.354 | 4153.408 | 4916.971 | 2.661 | 3.344 | 240.777 | 1.001 | 14.744 |
| 9/7/2018 2:00 | 100800 | 26.044 | 16.869 | 59.362 | 4153.356 | 4916.928 | 2.661 | 3.344 | 240.766 | 1.001 | 14.742 |
| 9/7/2018 2:15 | 101700 | 26.042 | 16.869 | 59.358 | 4153.313 | 4916.906 | 2.661 | 3.343 | 240.772 | 1.001 | 14.739 |
| 9/7/2018 2:30 | 102600 | 26.038 | 16.869 | 59.348 | 4154.178 | 4917.96 | 2.661 | 3.344 | 240.722 | 1.001 | 14.744 |
| 9/7/2018 2:45 | 103500 | 26.046 | 16.869 | 59.368 | 4154.596 | 4918.445 | 2.661 | 3.345 | 240.697 | 1.001 | 14.736 |
| 9/7/2018 3:00 | 104400 | 26.04 | 16.869 | 59.353 | 4154.197 | 4918.003 | 2.661 | 3.344 | 240.72 | 1.001 | 14.742 |
| 9/7/2018 3:15 | 105300 | 26.043 | 16.869 | 59.359 | 4154.989 | 4918.122 | 2.662 | 3.345 | 240.674 | 1.001 | 14.741 |
| 9/7/2018 3:30 | 106200 | 26.043 | 16.869 | 59.36 | 4154.388 | 4918.14 | 2.661 | 3.344 | 240.709 | 1.001 | 14.74 |
| 9/7/2018 3:45 | 107100 | 26.038 | 16.869 | 59.349 | 4154.217 | 4917.947 | 2.661 | 3.344 | 240.719 | 1.001 | 14.74 |
| 9/7/2018 4:00 | 108000 | 26.034 | 16.869 | 59.339 | 4152.849 | 4916.387 | 2.66 | 3.343 | 240.799 | 1.001 | 14.748 |
| 9/7/2018 4:15 | 108900 | 26.041 | 16.869 | 59.356 | 4153.801 | 4917.476 | 2.661 | 3.344 | 240.743 | 1.001 | 14.74 |
| 9/7/2018 4:30 | 109800 | 26.034 | 16.869 | 59.34 | 4153.57 | 4917.182 | 2.661 | 3.344 | 240.757 | 1.001 | 14.748 |
| 9/7/2018 4:45 | 110700 | 26.037 | 16.87 | 59.346 | 4153.977 | 4917.624 | 2.661 | 3.344 | 240.733 | 1.001 | 14.742 |
| 9/7/2018 5:00 | 111600 | 26.042 | 16.869 | 59.359 | 4154.369 | 4918.175 | 2.661 | 3.344 | 240.71 | 1.001 | 14.74 |
| 9/7/2018 5:15 | 112500 | 26.054 | 16.869 | 59.384 | 4154.414 | 4918.181 | 2.661 | 3.344 | 240.708 | 1.001 | 14.731 |
| 9/7/2018 5:30 | 113400 | 26.034 | 16.869 | 59.341 | 4153.6 | 4917.257 | 2.661 | 3.344 | 240.755 | 1.001 | 14.743 |
| 9/7/2018 5:45 | 114300 | 26.045 | 16.868 | 59.364 | 4153.728 | 4917.486 | 2.661 | 3.344 | 240.748 | 1.001 | 14.736 |
| 9/7/2018 6:00 | 115200 | 26.043 | 16.869 | 59.36 | 4154.098 | 4917.807 | 2.661 | 3.344 | 240.726 | 1.001 | 14.735 |
| 9/7/2018 6:15 | 116100 | 26.041 | 16.869 | 59.356 | 4153.642 | 4917.276 | 2.661 | 3.344 | 240.753 | 1.001 | 14.739 |
| 9/7/2018 6:30 | 117000 | 26.038 | 16.869 | 59.349 | 4153.074 | 4916.584 | 2.66 | 3.343 | 240.786 | 1.001 | 14.741 |
| 9/7/2018 6:45 | 117900 | 26.036 | 16.87 | 59.344 | 4152.966 | 4916.428 | 2.66 | 3.343 | 240.792 | 1.001 | 14.748 |
| 9/7/2018 7:00 | 118800 | 26.039 | 16.87 | 59.351 | 4152.746 | 4916.158 | 2.66 | 3.343 | 240.805 | 1.001 | 14.748 |
| 9/7/2018 7:15 | 119700 | 26.038 | 16.869 | 59.348 | 4152.731 | 4916.188 | 2.66 | 3.343 | 240.805 | 1.001 | 14.747 |
| 9/7/2018 7:30 | 120600 | 26.046 | 16.869 | 59.367 | 4152.216 | 4915.588 | 2.66 | 3.343 | 240.835 | 1.001 | 14.739 |
| 9/7/2018 7:45 | 121500 | 26.043 | 16.869 | 59.361 | 4152.141 | 4915.499 | 2.66 | 3.343 | 240.84 | 1.001 | 14.747 |
| 9/7/2018 8:00 | 122400 | 26.04 | 16.869 | 59.353 | 4152.009 | 4915.354 | 2.66 | 3.342 | 240.847 | 1.001 | 14.748 |
| 9/7/2018 8:15 | 123300 | 26.04 | 16.869 | 59.353 | 4152.009 | 4915.354 | 2.66 | 3.342 | 240.847 | 1.001 | 14.75 |
| 9/7/2018 8:30 | 124200 | 26.039 | 16.869 | 59.351 | 4152.942 | 4916.487 | 2.66 | 3.343 | 240.793 | 1.001 | 14.748 |
| 9/7/2018 8:45 | 125100 | 26.036 | 16.869 | 59.345 | 4152.308 | 4915.785 | 2.66 | 3.343 | 240.83 | 1.001 | 14.751 |
| 9/7/2018 9:00 | 126000 | 26.049 | 16.869 | 59.373 | 4152.3 | 4915.738 | 2.66 | 3.343 | 240.83 | 1.001 | 14.744 |
| 9/7/2018 9:15 | 126900 | 26.043 | 16.87 | 59.359 | 4152.393 | 4915.759 | 2.66 | 3.343 | 240.825 | 1.001 | 14.751 |
| 9/7/2018 9:30 | 127800 | 26.041 | 16.869 | 59.355 | 4152.227 | 4915.858 | 2.66 | 3.343 | 240.823 | 1.001 | 14.75 |
| 9/7/2018 9:45 | 128700 | 26.036 | 16.869 | 59.344 | 4152.107 | 4915.518 | 2.66 | 3.343 | 240.842 | 1.001 | 14.755 |
| 9/7/2018 10:00 | 129600 | 26.044 | 16.87 | 59.363 | 4152.58 | 4915.99 | 2.66 | 3.343 | 240.814 | 1.001 | 14.749 |
| 9/7/2018 10:15 | 130500 | 26.037 | 16.869 | 59.347 | 4151.28 | 4914.5 | 2.659 | 3.342 | 240.89 | 1.001 | 14.752 |
| 9/7/2018 10:30 | 131400 | 26.044 | 16.868 | 59.362 | 4152.038 | 4915.484 | 2.66 | 3.343 | 240.846 | 1.001 | 14.751 |
| 9/7/2018 10:45 | 132300 | 26.036 | 16.87 | 59.344 | 4152.099 | 4915.421 | 2.66 | 3.342 | 240.842 | 1.001 | 14.757 |
| 9/7/2018 11:00 | 133200 | 26.044 | 16.869 | 59.362 | 4151.504 | 4914.923 | 2.659 | 3.342 | 240.877 | 1.001 | 14.748 |
| 9/7/2018 11:15 | 134100 | 26.037 | 16.869 | 59.347 | 4151.588 | 4914.884 | 2.659 | 3.342 | 240.872 | 1.001 | 14.756 |
| 9/7/2018 11:30 | 135000 | 26.041 | 16.869 | 59.355 | 4151.564 | 4914.847 | 2.659 | 3.342 | 240.873 | 1.001 | 14.751 |
| 9/7/2018 11:45 | 135900 | 26.042 | 16.868 | 59.357 | 4151.71 | 4915.116 | 2.66 | 3.342 | 240.865 | 1.001 | 14.747 |
| 9/7/2018 12:00 | 136800 | 26.035 | 16.869 | 59.341 | 4152.796 | 4916.306 | 2.66 | 3.343 | 240.802 | 1.001 | 14.754 |
| 9/7/2018 12:15 | 137700 | 26.042 | 16.869 | 59.357 | 4151.984 | 4915.364 | 2.66 | 3.342 | 240.849 | 1.001 | 14.749 |
| 9/7/2018 12:30 | 138600 | 26.041 | 16.869 | 59.351 | 4153.369 | 4917.012 | 2.661 | 3.344 | 240.864 | 1.001 | 14.747 |
| 9/7/2018 12:45 | 139500 | 26.038 | 16.869 | 59.349 | 4154.243 | 4917.978 | 2.661 | 3.344 | 240.718 | 1.001 | 14.744 |
| 9/7/2018 13:00 | 140400 | 26.046 | 16.869 | 59.367 | 4153.617 | 4917.305 | 2.661 | 3.344 | 240.754 | 1.001 | 14.743 |
| 9/7/2018 13:15 | 141300 | 26.043 | 16.869 | 59.359 | 4154.033 | 4917.778 | 2.661 | 3.344 | 240.73 | 1.001 | 14.743 |
| 9/7/2018 13:30 | 142200 | 26.034 | 16.869 | 59.339 | 4153.939 | 4917.686 | 2.661 | 3.344 | 240.735 | 1.001 | 14.749 |
| 9/7/2018 13:45 | 143100 | 26.041 | 16.869 | 59.355 | 4153.248 | 4916.888 | 2.662 | 3.343 | 240.775 | 1.001 | 14.744 |
| 9/7/2018 14:00 | 144000 | 26.041 | 16.869 | 59.355 | 4154.664 | 4918.336 | 2.662 | 3.345 | 240.693 | 1.001 | 14.742 |
| 9/7/2018 14:15 | 144900 | 26.039 | 16.869 | 59.35 | 4154.246 | 4917.991 | 2.661 | 3.344 | 240.718 | 1.001 | 14.74 |
| 9/7/2018 14:30 | 145800 | 26.038 | 16.869 | 59.349 | 4155.073 | 4919 | 2.662 | 3.345 | 240.67 | 1.001 | 14.742 |
| 9/7/2018 14:45 | 146700 | 26.044 | 16.869 | 59.362 | 4153.938 | 4917.715 | 2.661 | 3.344 | 240.735 | 1.001 | 14.737 |
| 9/7/2018 15:00 | 147600 | 26.04 | 16.869 | 59.353 | 4154.906 | 4918.842 | 2.662 | 3.345 | 240.679 | 1.001 | 14.741 |
| 9/7/2018 15:15 | 148500 | 26.037 | 16.869 | 59.346 | 4154.505 | 4918.348 | 2.661 | 3.344 | 240.703 | 1.001 | 14.741 |
| 9/7/2018 15:30 | 149400 | 26.041 | 16.869 | 59.364 | 4154.654 | 4918.552 | 2.662 | 3.345 | 240.694 | | |

| | | | | | | | | | | | |
|----------------|--------|-------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/8/2018 23:00 | 263900 | 26357 | 16.868 | 59.391 | 4157.011 | 4921.44 | 2.663 | 3.347 | 240.557 | 1.001 | 14.69 |
| 9/8/2018 23:15 | 263700 | 26353 | 16.868 | 59.383 | 4157.539 | 4922.075 | 2.664 | 3.347 | 240.527 | 1.001 | 14.688 |
| 9/8/2018 23:30 | 264600 | 26555 | 16.868 | 59.388 | 4157.458 | 4921.989 | 2.664 | 3.347 | 240.532 | 1.001 | 14.69 |
| 9/8/2018 23:45 | 265500 | 26551 | 16.868 | 59.377 | 4157.46 | 4921.982 | 2.664 | 3.347 | 240.531 | 1.001 | 14.693 |
| 9/9/2018 0:00 | 266400 | 26556 | 16.868 | 59.389 | 4157.459 | 4921.923 | 2.663 | 3.347 | 240.532 | 1.001 | 14.69 |
| 9/9/2018 0:15 | 267300 | 26559 | 16.867 | 59.395 | 4157.3 | 4921.822 | 2.663 | 3.347 | 240.541 | 1.001 | 14.691 |
| 9/9/2018 0:30 | 268200 | 26555 | 16.868 | 59.385 | 4158.046 | 4922.657 | 2.664 | 3.347 | 240.588 | 1.001 | 14.688 |
| 9/9/2018 0:45 | 269100 | 26554 | 16.869 | 59.386 | 4158.169 | 4922.724 | 2.664 | 3.347 | 240.49 | 1.001 | 14.687 |
| 9/9/2018 1:00 | 270000 | 26556 | 16.868 | 59.391 | 4157.824 | 4922.393 | 2.664 | 3.347 | 240.51 | 1.001 | 14.686 |
| 9/9/2018 1:15 | 270900 | 26563 | 16.868 | 59.406 | 4158.25 | 4922.879 | 2.664 | 3.348 | 240.486 | 1.001 | 14.682 |
| 9/9/2018 1:30 | 271800 | 26563 | 16.868 | 59.406 | 4158.982 | 4923.765 | 2.665 | 3.348 | 240.443 | 1.001 | 14.68 |
| 9/9/2018 1:45 | 272700 | 26558 | 16.869 | 59.394 | 4159.326 | 4924.083 | 2.665 | 3.348 | 240.424 | 1.001 | 14.686 |
| 9/9/2018 2:00 | 273600 | 26557 | 16.867 | 59.397 | 4159.24 | 4924.109 | 2.665 | 3.348 | 240.429 | 1.001 | 14.682 |
| 9/9/2018 2:15 | 274500 | 26555 | 16.868 | 59.387 | 4159.542 | 4924.408 | 2.665 | 3.349 | 240.411 | 1.001 | 14.687 |
| 9/9/2018 2:30 | 275400 | 26562 | 16.868 | 59.403 | 4159.123 | 4923.883 | 2.665 | 3.348 | 240.435 | 1.001 | 14.682 |
| 9/9/2018 2:45 | 276300 | 2656 | 16.868 | 59.4 | 4159.397 | 4924.285 | 2.665 | 3.349 | 240.419 | 1.001 | 14.682 |
| 9/9/2018 3:00 | 277200 | 26558 | 16.868 | 59.395 | 4159.493 | 4924.33 | 2.665 | 3.349 | 240.414 | 1.001 | 14.682 |
| 9/9/2018 3:15 | 278100 | 26561 | 16.867 | 59.401 | 4159.662 | 4924.628 | 2.665 | 3.349 | 240.404 | 1.001 | 14.681 |
| 9/9/2018 3:30 | 279000 | 26557 | 16.867 | 59.402 | 4159.285 | 4925.278 | 2.665 | 3.349 | 240.388 | 1.001 | 14.683 |
| 9/9/2018 3:45 | 279900 | 26567 | 16.868 | 59.415 | 4159.598 | 4925.522 | 2.665 | 3.349 | 240.408 | 1.001 | 14.678 |
| 9/9/2018 4:00 | 280800 | 26563 | 16.868 | 59.405 | 4159.144 | 4923.928 | 2.665 | 3.348 | 240.434 | 1.001 | 14.682 |
| 9/9/2018 4:15 | 281700 | 26567 | 16.868 | 59.414 | 4159.813 | 4924.699 | 2.665 | 3.349 | 240.395 | 1.001 | 14.678 |
| 9/9/2018 4:30 | 282600 | 26554 | 16.868 | 59.385 | 4159.601 | 4924.498 | 2.665 | 3.349 | 240.408 | 1.001 | 14.687 |
| 9/9/2018 4:45 | 283500 | 26562 | 16.868 | 59.403 | 4159.518 | 4924.39 | 2.665 | 3.349 | 240.412 | 1.001 | 14.682 |
| 9/9/2018 5:00 | 284400 | 26566 | 16.868 | 59.413 | 4159.26 | 4924.399 | 2.665 | 3.349 | 240.417 | 1.001 | 14.677 |
| 9/9/2018 5:15 | 285300 | 2656 | 16.868 | 59.4 | 4158.85 | 4923.637 | 2.664 | 3.348 | 240.451 | 1.001 | 14.681 |
| 9/9/2018 5:30 | 286200 | 26567 | 16.868 | 59.415 | 4159.704 | 4924.638 | 2.665 | 3.349 | 240.402 | 1.001 | 14.678 |
| 9/9/2018 5:45 | 287100 | 26564 | 16.867 | 59.409 | 4159.566 | 4924.544 | 2.665 | 3.349 | 240.41 | 1.001 | 14.678 |
| 9/9/2018 6:00 | 288000 | 26554 | 16.868 | 59.386 | 4158.273 | 4922.906 | 2.664 | 3.348 | 240.484 | 1.001 | 14.688 |
| 9/9/2018 6:15 | 288900 | 26566 | 16.868 | 59.413 | 4158.855 | 4923.615 | 2.664 | 3.348 | 240.451 | 1.001 | 14.682 |
| 9/9/2018 6:30 | 289800 | 26556 | 16.867 | 59.389 | 4159.433 | 4924.239 | 2.666 | 3.348 | 240.417 | 1.001 | 14.686 |
| 9/9/2018 6:45 | 290700 | 26566 | 16.868 | 59.412 | 4159.401 | 4924.29 | 2.665 | 3.349 | 240.419 | 1.001 | 14.683 |
| 9/9/2018 7:00 | 291600 | 26564 | 16.867 | 59.408 | 4158.006 | 4922.678 | 2.664 | 3.347 | 240.5 | 1.001 | 14.689 |
| 9/9/2018 7:15 | 292500 | 26566 | 16.868 | 59.413 | 4159.565 | 4924.483 | 2.665 | 3.349 | 240.41 | 1.001 | 14.681 |
| 9/9/2018 7:30 | 293400 | 26565 | 16.868 | 59.409 | 4158.835 | 4923.601 | 2.664 | 3.348 | 240.452 | 1.001 | 14.689 |
| 9/9/2018 7:45 | 294300 | 26556 | 16.868 | 59.39 | 4158.747 | 4923.515 | 2.664 | 3.348 | 240.457 | 1.001 | 14.694 |
| 9/9/2018 8:00 | 295200 | 26563 | 16.867 | 59.405 | 4157.712 | 4922.301 | 2.664 | 3.347 | 240.471 | 1.001 | 14.692 |
| 9/9/2018 8:15 | 296100 | 26563 | 16.868 | 59.406 | 4157.827 | 4922.397 | 2.664 | 3.347 | 240.51 | 1.001 | 14.692 |
| 9/9/2018 8:30 | 297000 | 2656 | 16.868 | 59.399 | 4157.076 | 4921.488 | 2.663 | 3.347 | 240.554 | 1.001 | 14.695 |
| 9/9/2018 8:45 | 297900 | 26563 | 16.868 | 59.405 | 4157.792 | 4922.365 | 2.664 | 3.347 | 240.512 | 1.001 | 14.695 |
| 9/9/2018 9:00 | 298800 | 26565 | 16.868 | 59.41 | 4156.847 | 4921.266 | 2.663 | 3.346 | 240.567 | 1.001 | 14.696 |
| 9/9/2018 9:15 | 299700 | 26561 | 16.867 | 59.4 | 4157.443 | 4921.981 | 2.664 | 3.347 | 240.532 | 1.001 | 14.696 |
| 9/9/2018 9:30 | 300600 | 26561 | 16.867 | 59.4 | 4157.829 | 4922.458 | 2.664 | 3.347 | 240.51 | 1.001 | 14.698 |
| 9/9/2018 9:45 | 301500 | 26567 | 16.868 | 59.415 | 4158.824 | 4922.357 | 2.664 | 3.347 | 240.563 | 1.001 | 14.697 |
| 9/9/2018 10:00 | 302400 | 26565 | 16.868 | 59.411 | 4157.878 | 4922.486 | 2.664 | 3.347 | 240.57 | 1.001 | 14.693 |
| 9/9/2018 10:15 | 303300 | 2656 | 16.867 | 59.4 | 4158.208 | 4922.945 | 2.664 | 3.348 | 240.488 | 1.001 | 14.698 |
| 9/9/2018 10:30 | 304200 | 26564 | 16.867 | 59.409 | 4158.338 | 4923.042 | 2.664 | 3.348 | 240.481 | 1.001 | 14.692 |
| 9/9/2018 10:45 | 305100 | 26562 | 16.867 | 59.404 | 4158.342 | 4923.065 | 2.664 | 3.348 | 240.48 | 1.001 | 14.693 |
| 9/9/2018 11:00 | 306000 | 26557 | 16.867 | 59.391 | 4158.215 | 4922.915 | 2.664 | 3.348 | 240.488 | 1.001 | 14.693 |
| 9/9/2018 11:15 | 306900 | 26562 | 16.867 | 59.403 | 4157.723 | 4922.662 | 2.664 | 3.347 | 240.516 | 1.001 | 14.689 |
| 9/9/2018 11:30 | 307800 | 26562 | 16.867 | 59.404 | 4158.982 | 4923.824 | 2.665 | 3.348 | 240.443 | 1.001 | 14.692 |
| 9/9/2018 11:45 | 308700 | 26562 | 16.867 | 59.404 | 4159.514 | 4924.443 | 2.665 | 3.349 | 240.413 | 1.001 | 14.687 |
| 9/9/2018 12:00 | 309600 | 26561 | 16.867 | 59.4 | 4159.329 | 4924.215 | 2.665 | 3.348 | 240.423 | 1.001 | 14.692 |
| 9/9/2018 12:15 | 310500 | 2656 | 16.868 | 59.399 | 4159.2 | 4924.013 | 2.665 | 3.348 | 240.431 | 1.001 | 14.689 |
| 9/9/2018 12:30 | 311400 | 26561 | 16.868 | 59.4 | 4159.769 | 4924.687 | 2.665 | 3.349 | 240.398 | 1.001 | 14.689 |
| 9/9/2018 12:45 | 312300 | 26561 | 16.868 | 59.401 | 4159.786 | 4924.697 | 2.665 | 3.349 | 240.397 | 1.001 | 14.687 |
| 9/9/2018 13:00 | 313200 | 26562 | 16.867 | 59.404 | 4159.98 | 4924.995 | 2.665 | 3.349 | 240.386 | 1.001 | 14.684 |
| 9/9/2018 13:15 | 314100 | 26558 | 16.867 | 59.393 | 4159.799 | 4924.829 | 2.665 | 3.349 | 240.396 | 1.001 | 14.69 |
| 9/9/2018 13:30 | 315000 | 26559 | 16.867 | 59.396 | 4160.143 | 4925.237 | 2.665 | 3.349 | 240.376 | 1.001 | 14.692 |
| 9/9/2018 13:45 | 315900 | 26568 | 16.868 | 59.416 | 4160.029 | 4925.033 | 2.665 | 3.349 | 240.383 | 1.001 | 14.688 |
| 9/9/2018 14:00 | 316800 | 2656 | 16.867 | 59.398 | 4159.791 | 4924.762 | 2.665 | 3.349 | 240.393 | 1.001 | 14.691 |
| 9/9/2018 14:15 | 317700 | 26567 | 16.867 | 59.414 | 4159.37 | 4925.032 | 2.665 | 3.349 | 240.386 | 1.001 | 14.685 |
| 9/9/2018 14:30 | 318600 | 26559 | 16.867 | 59.397 | 4159.969 | 4924.972 | 2.665 | 3.349 | 240.386 | 1.001 | 14.687 |
| 9/9/2018 14:45 | 319500 | 26556 | 16.867 | 59.389 | 4160.33 | 4925.399 | 2.665 | 3.349 | 240.366 | 1.001 | 14.689 |
| 9/9/2018 15:00 | 320400 | 26566 | 16.867 | 59.413 | 4160.615 | 4925.786 | 2.666 | 3.35 | 240.349 | 1.001 | 14.681 |
| 9/9/2018 15:15 | 321300 | 26566 | 16.868 | 59.413 | 4161.415 | 4926.673 | 2.666 | 3.35 | 240.303 | 1.001 | 14.679 |
| 9/9/2018 15:30 | 322200 | 26566 | 16.867 | 59.413 | 4161.779 | 4927.135 | 2.666 | 3.35 | 240.282 | 1.001 | 14.675 |
| 9/9/2018 15:45 | 323100 | 26566 | 16.867 | 59.413 | 4163.235 | 4928.025 | 2.666 | 3.35 | 240.286 | 1.001 | 14.674 |
| 9/9/2018 16:00 | 324000 | 26562 | 16.867 | 59.403 | 4161.982 | 4927.364 | 2.667 | 3.351 | 240.27 | 1.001 | 14.679 |
| 9/9/2018 16:15 | 324900 | 26559 | 16.868 | 59.397 | 4162.072 | 4927.442 | 2.667 | 3.351 | 240.265 | 1.001 | 14.683 |
| 9/9/2018 16:30 | 325800 | 26564 | 16.868 | 59.409 | 4162.246 | 4927.648 | 2.667 | 3.351 | 240.255 | 1.001 | 14.678 |
| 9/9/2018 16:45 | 326700 | 26559 | 16.867 | 59.395 | 4161.575 | 4926.932 | 2.666 | 3.35 | 240.294 | 1.001 | 14.676 |
| 9/9/2018 17:00 | 327600 | 26571 | 16.868 | 59.425 | 4162.486 | 4927.932 | 2.667 | 3.351 | 240.241 | 1.001 | 14.673 |
| 9/9/2018 17:15 | 328500 | 26568 | 16.867 | 59.421 | 4163.924 | 4928.824 | 2.667 | 3.35 | 240.292 | 1.001 | 14.673 |
| 9/9/2018 17:30 | 329400 | 26569 | 16.867 | 59.419 | 4161.778 | 4927.133 | 2.666 | 3.35 | 240.282 | 1.001 | 14.671 |
| 9/9/2018 17:45 | 330300 | 2657 | 16.866 | 59.422 | 4161.859 | 4927.327 | 2.667 | 3.351 | 240.277 | 1.001 | 14.671 |
| 9/9/2018 18:00 | 331200 | 26565 | 16.868 | 59.411 | 4160.962 | 4926.099 | 2.666 | 3.35 | 240.329 | 1.001 | 14.672 |
| 9/9/2018 18:15 | 332100 | 26563 | 16.868 | 59.405 | 4161.382 | 4926.625 | 2.666 | 3.35 | 240.305 | 1.001 | 14.669 |
| 9/9/2018 18:30 | 333000 | 26569 | 16.867 | 59.42 | 4161.859 | 4927.21 | 2.667 | 3.351 | 240.277 | 1.001 | 14.662 |
| 9/9/2018 18:45 | 333900 | 26567 | 16.868 | 59.421 | 4161.709 | 4927.022 | 2.666 | 3.35 | 240.286 | 1.001 | 14.665 |
| 9/9/2018 19:00 | 334800 | 26574 | 16.868 | 59.432 | 4162.54 | 4928.025 | 2.667 | 3.351 | 240.238 | 1.001 | 14.66 |
| 9/9/2018 19:15 | 335700 | 26567 | 16.867 | 59.415 | 4161.582 | 4926.882 | 2.666 | 3.35 | 240.293 | 1.001 | 14.666 |
| 9/9/2018 19:30 | 336600 | 26566 | 16.867 | 59.413 | 4161.994 | 4927.378 | 2.667 | 3.351 | 240.269 | 1.001 | 14.665 |
| 9/9/2018 19:45 | 337500 | 26571 | 16.867 | 59.423 | 4161.981 | 4927.354 | 2.667 | 3.351 | 240.27 | 1.001 | 14.665 |
| 9/9/2018 20:00 | 338400 | 26567 | 16.867 | 59.416 | 4162.061 | 4927.448 | 2.667 | 3.351 | 240.266 | 1.001 | 14.668 |
| 9/9/2018 20:15 | 339300 | 26567 | 16. | | | | | | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/11/2018 3:45 | 452700 | 26.073 | 16.867 | 59.429 | 4157.009 | 4921.537 | 2.663 | 3.347 | 240.558 | 1.001 | 14.668 |
| 9/11/2018 4:00 | 453600 | 26.067 | 16.867 | 59.415 | 4157.043 | 4921.566 | 2.663 | 3.347 | 240.556 | 1.001 | 14.678 |
| 9/11/2018 4:15 | 454500 | 26.068 | 16.867 | 59.417 | 4156.193 | 4920.56 | 2.663 | 3.346 | 240.605 | 1.001 | 14.67 |
| 9/11/2018 4:30 | 455400 | 26.066 | 16.866 | 59.413 | 4156.483 | 4920.962 | 2.663 | 3.346 | 240.588 | 1.001 | 14.669 |
| 9/11/2018 4:45 | 456300 | 26.063 | 16.867 | 59.407 | 4156.831 | 4921.315 | 2.663 | 3.346 | 240.568 | 1.001 | 14.67 |
| 9/11/2018 5:00 | 457200 | 26.063 | 16.866 | 59.406 | 4157.141 | 4921.78 | 2.663 | 3.347 | 240.555 | 1.001 | 14.675 |
| 9/11/2018 5:15 | 458100 | 26.066 | 16.866 | 59.413 | 4156.865 | 4921.443 | 2.663 | 3.347 | 240.566 | 1.001 | 14.671 |
| 9/11/2018 5:30 | 459000 | 26.069 | 16.867 | 59.419 | 4157.403 | 4922.031 | 2.664 | 3.347 | 240.535 | 1.001 | 14.671 |
| 9/11/2018 5:45 | 459900 | 26.065 | 16.867 | 59.41 | 4156.831 | 4921.326 | 2.663 | 3.347 | 240.568 | 1.001 | 14.673 |
| 9/11/2018 6:00 | 460800 | 26.071 | 16.866 | 59.424 | 4156.159 | 4920.597 | 2.663 | 3.346 | 240.607 | 1.001 | 14.667 |
| 9/11/2018 6:15 | 461700 | 26.075 | 16.867 | 59.433 | 4155.958 | 4920.292 | 2.663 | 3.346 | 240.618 | 1.001 | 14.669 |
| 9/11/2018 6:30 | 462600 | 26.062 | 16.866 | 59.403 | 4155.625 | 4919.937 | 2.662 | 3.346 | 240.638 | 1.001 | 14.676 |
| 9/11/2018 6:45 | 463500 | 26.08 | 16.866 | 59.444 | 4155.788 | 4920.115 | 2.662 | 3.346 | 240.629 | 1.001 | 14.668 |
| 9/11/2018 7:00 | 464400 | 26.066 | 16.866 | 59.413 | 4155.565 | 4919.875 | 2.662 | 3.346 | 240.641 | 1.001 | 14.677 |
| 9/11/2018 7:15 | 465300 | 26.068 | 16.867 | 59.417 | 4155.794 | 4920.107 | 2.662 | 3.346 | 240.628 | 1.001 | 14.68 |
| 9/11/2018 7:30 | 466200 | 26.062 | 16.867 | 59.404 | 4154.272 | 4918.287 | 2.661 | 3.344 | 240.716 | 1.001 | 14.685 |
| 9/11/2018 7:45 | 467100 | 26.065 | 16.867 | 59.41 | 4154.283 | 4918.31 | 2.661 | 3.344 | 240.715 | 1.001 | 14.684 |
| 9/11/2018 8:00 | 468000 | 26.069 | 16.867 | 59.42 | 4153.698 | 4917.597 | 2.661 | 3.344 | 240.749 | 1.001 | 14.683 |
| 9/11/2018 8:15 | 468900 | 26.071 | 16.867 | 59.424 | 4153.698 | 4917.37 | 2.661 | 3.344 | 240.741 | 1.001 | 14.687 |
| 9/11/2018 8:30 | 469800 | 26.059 | 16.867 | 59.397 | 4152.669 | 4916.399 | 2.66 | 3.343 | 240.809 | 1.001 | 14.692 |
| 9/11/2018 8:45 | 470700 | 26.056 | 16.867 | 59.391 | 4152.618 | 4916.327 | 2.66 | 3.343 | 240.812 | 1.001 | 14.695 |
| 9/11/2018 9:00 | 471600 | 26.063 | 16.867 | 59.406 | 4153.298 | 4917.104 | 2.661 | 3.344 | 240.772 | 1.001 | 14.694 |
| 9/11/2018 9:15 | 472500 | 26.061 | 16.867 | 59.402 | 4151.817 | 4915.36 | 2.66 | 3.342 | 240.858 | 1.001 | 14.694 |
| 9/11/2018 9:30 | 473400 | 26.063 | 16.866 | 59.405 | 4152.867 | 4916.73 | 2.66 | 3.343 | 240.798 | 1.001 | 14.694 |
| 9/11/2018 9:45 | 474300 | 26.065 | 16.867 | 59.409 | 4152.601 | 4916.337 | 2.66 | 3.343 | 240.821 | 1.001 | 14.693 |
| 9/11/2018 10:00 | 475200 | 26.063 | 16.867 | 59.407 | 4153.877 | 4917.837 | 2.661 | 3.344 | 240.739 | 1.001 | 14.695 |
| 9/11/2018 10:15 | 476100 | 26.063 | 16.867 | 59.405 | 4151.797 | 4915.375 | 2.66 | 3.342 | 240.86 | 1.001 | 14.695 |
| 9/11/2018 10:30 | 477000 | 26.073 | 16.866 | 59.428 | 4152.926 | 4916.75 | 2.66 | 3.343 | 240.794 | 1.001 | 14.691 |
| 9/11/2018 10:45 | 477900 | 26.06 | 16.867 | 59.4 | 4152.893 | 4916.672 | 2.66 | 3.343 | 240.796 | 1.001 | 14.695 |
| 9/11/2018 11:00 | 478800 | 26.067 | 16.866 | 59.414 | 4152.788 | 4916.579 | 2.66 | 3.343 | 240.802 | 1.001 | 14.689 |
| 9/11/2018 11:15 | 479700 | 26.062 | 16.867 | 59.408 | 4152.921 | 4916.717 | 2.66 | 3.343 | 240.794 | 1.001 | 14.691 |
| 9/11/2018 11:30 | 480600 | 26.065 | 16.866 | 59.411 | 4153.605 | 4917.614 | 2.661 | 3.344 | 240.755 | 1.001 | 14.692 |
| 9/11/2018 11:45 | 481500 | 26.063 | 16.867 | 59.405 | 4153.946 | 4917.938 | 2.661 | 3.344 | 240.735 | 1.001 | 14.688 |
| 9/11/2018 12:00 | 482400 | 26.064 | 16.867 | 59.408 | 4154.31 | 4918.331 | 2.661 | 3.344 | 240.714 | 1.001 | 14.687 |
| 9/11/2018 12:15 | 483300 | 26.061 | 16.866 | 59.402 | 4154 | 4918.013 | 2.661 | 3.344 | 240.732 | 1.001 | 14.687 |
| 9/11/2018 12:30 | 484200 | 26.067 | 16.867 | 59.415 | 4154.352 | 4918.418 | 2.661 | 3.345 | 240.711 | 1.001 | 14.687 |
| 9/11/2018 12:45 | 485100 | 26.074 | 16.866 | 59.415 | 4154.384 | 4918.468 | 2.661 | 3.345 | 240.71 | 1.001 | 14.676 |
| 9/11/2018 13:00 | 486000 | 26.063 | 16.866 | 59.405 | 4155.498 | 4919.795 | 2.662 | 3.345 | 240.645 | 1.001 | 14.688 |
| 9/11/2018 13:15 | 486900 | 26.067 | 16.866 | 59.415 | 4155.132 | 4919.393 | 2.662 | 3.345 | 240.666 | 1.001 | 14.682 |
| 9/11/2018 13:30 | 487800 | 26.068 | 16.867 | 59.418 | 4155.326 | 4919.564 | 2.662 | 3.345 | 240.655 | 1.001 | 14.679 |
| 9/11/2018 13:45 | 488700 | 26.07 | 16.866 | 59.421 | 4155.851 | 4920.263 | 2.663 | 3.346 | 240.625 | 1.001 | 14.68 |
| 9/11/2018 14:00 | 489600 | 26.058 | 16.866 | 59.395 | 4154.806 | 4919.009 | 2.662 | 3.345 | 240.685 | 1.001 | 14.687 |
| 9/11/2018 14:15 | 490500 | 26.067 | 16.866 | 59.415 | 4156.461 | 4920.927 | 2.663 | 3.346 | 240.589 | 1.001 | 14.679 |
| 9/11/2018 14:30 | 491400 | 26.071 | 16.867 | 59.425 | 4155.334 | 4919.81 | 2.662 | 3.345 | 240.643 | 1.001 | 14.685 |
| 9/11/2018 14:45 | 492300 | 26.07 | 16.866 | 59.422 | 4156.457 | 4920.961 | 2.663 | 3.346 | 240.59 | 1.001 | 14.671 |
| 9/11/2018 15:00 | 493200 | 26.067 | 16.866 | 59.414 | 4157.18 | 4921.797 | 2.663 | 3.347 | 240.548 | 1.001 | 14.676 |
| 9/11/2018 15:15 | 494100 | 26.069 | 16.866 | 59.42 | 4156.134 | 4920.578 | 2.663 | 3.346 | 240.608 | 1.001 | 14.667 |
| 9/11/2018 15:30 | 495000 | 26.07 | 16.866 | 59.422 | 4156.433 | 4920.921 | 2.663 | 3.346 | 240.591 | 1.001 | 14.666 |
| 9/11/2018 15:45 | 495900 | 26.068 | 16.866 | 59.417 | 4156.678 | 4921.211 | 2.663 | 3.346 | 240.577 | 1.001 | 14.665 |
| 9/11/2018 16:00 | 496800 | 26.067 | 16.866 | 59.415 | 4156.658 | 4921.16 | 2.663 | 3.346 | 240.578 | 1.001 | 14.665 |
| 9/11/2018 16:15 | 497700 | 26.062 | 16.866 | 59.404 | 4158.447 | 4923.327 | 2.664 | 3.348 | 240.474 | 1.001 | 14.668 |
| 9/11/2018 16:30 | 498600 | 26.06 | 16.867 | 59.398 | 4157.77 | 4922.457 | 2.664 | 3.347 | 240.514 | 1.001 | 14.669 |
| 9/11/2018 16:45 | 499500 | 26.065 | 16.866 | 59.411 | 4158.069 | 4922.85 | 2.664 | 3.348 | 240.496 | 1.001 | 14.67 |
| 9/11/2018 17:00 | 500400 | 26.072 | 16.866 | 59.425 | 4157.536 | 4922.208 | 2.664 | 3.347 | 240.527 | 1.001 | 14.666 |
| 9/11/2018 17:15 | 501300 | 26.065 | 16.866 | 59.411 | 4158.119 | 4922.917 | 2.664 | 3.348 | 240.493 | 1.001 | 14.661 |
| 9/11/2018 17:30 | 502200 | 26.062 | 16.866 | 59.404 | 4157.695 | 4922.426 | 2.664 | 3.347 | 240.518 | 1.001 | 14.664 |
| 9/11/2018 17:45 | 503100 | 26.072 | 16.866 | 59.427 | 4157.775 | 4922.502 | 2.664 | 3.347 | 240.513 | 1.001 | 14.656 |
| 9/11/2018 18:00 | 504000 | 26.064 | 16.866 | 59.408 | 4157.371 | 4922.032 | 2.664 | 3.347 | 240.537 | 1.001 | 14.661 |
| 9/11/2018 18:15 | 504900 | 26.058 | 16.867 | 59.393 | 4157.19 | 4921.722 | 2.663 | 3.347 | 240.547 | 1.001 | 14.663 |
| 9/11/2018 18:30 | 505800 | 26.062 | 16.867 | 59.404 | 4157.481 | 4922.104 | 2.664 | 3.347 | 240.53 | 1.001 | 14.657 |
| 9/11/2018 18:45 | 506700 | 26.064 | 16.866 | 59.409 | 4158.336 | 4923.146 | 2.664 | 3.348 | 240.481 | 1.001 | 14.656 |
| 9/11/2018 19:00 | 507600 | 26.069 | 16.866 | 59.419 | 4157.644 | 4923.227 | 2.664 | 3.347 | 240.512 | 1.001 | 14.655 |
| 9/11/2018 19:15 | 508500 | 26.063 | 16.866 | 59.406 | 4155.784 | 4920.154 | 2.662 | 3.346 | 240.628 | 1.001 | 14.661 |
| 9/11/2018 19:30 | 509400 | 26.06 | 16.867 | 59.398 | 4156.333 | 4920.717 | 2.663 | 3.346 | 240.597 | 1.001 | 14.662 |
| 9/11/2018 19:45 | 510300 | 26.068 | 16.866 | 59.416 | 4156.202 | 4920.639 | 2.663 | 3.346 | 240.604 | 1.001 | 14.657 |
| 9/11/2018 20:00 | 511200 | 26.066 | 16.866 | 59.413 | 4156.233 | 4920.657 | 2.663 | 3.346 | 240.602 | 1.001 | 14.666 |
| 9/11/2018 20:15 | 512100 | 26.07 | 16.866 | 59.422 | 4155.498 | 4919.855 | 2.662 | 3.346 | 240.645 | 1.001 | 14.656 |
| 9/11/2018 20:30 | 513000 | 26.065 | 16.866 | 59.405 | 4153.969 | 4918.804 | 2.662 | 3.345 | 240.626 | 1.001 | 14.666 |
| 9/11/2018 20:45 | 513900 | 26.059 | 16.867 | 59.396 | 4154.684 | 4919.806 | 2.661 | 3.344 | 240.692 | 1.001 | 14.667 |
| 9/11/2018 21:00 | 514800 | 26.059 | 16.866 | 59.396 | 4153.792 | 4917.806 | 2.661 | 3.344 | 240.744 | 1.001 | 14.673 |
| 9/11/2018 21:15 | 515700 | 26.067 | 16.867 | 59.415 | 4153.641 | 4917.568 | 2.661 | 3.344 | 240.753 | 1.001 | 14.667 |
| 9/11/2018 21:30 | 516600 | 26.064 | 16.866 | 59.407 | 4153.417 | 4917.323 | 2.661 | 3.344 | 240.766 | 1.001 | 14.671 |
| 9/11/2018 21:45 | 517500 | 26.058 | 16.866 | 59.394 | 4153.274 | 4917.242 | 2.661 | 3.344 | 240.774 | 1.001 | 14.676 |
| 9/11/2018 22:00 | 518400 | 26.057 | 16.867 | 59.393 | 4152.03 | 4915.708 | 2.66 | 3.343 | 240.846 | 1.001 | 14.675 |
| 9/11/2018 22:15 | 519300 | 26.058 | 16.866 | 59.393 | 4152.472 | 4916.212 | 2.66 | 3.343 | 240.82 | 1.001 | 14.682 |
| 9/11/2018 22:30 | 520200 | 26.055 | 16.867 | 59.388 | 4152.084 | 4915.734 | 2.66 | 3.343 | 240.843 | 1.001 | 14.677 |
| 9/11/2018 22:45 | 521100 | 26.058 | 16.867 | 59.394 | 4151.861 | 4915.45 | 2.66 | 3.343 | 240.856 | 1.001 | 14.678 |
| 9/11/2018 23:00 | 522000 | 26.06 | 16.866 | 59.399 | 4151.529 | 4915.087 | 2.66 | 3.342 | 240.875 | 1.001 | 14.68 |
| 9/11/2018 23:15 | 522900 | 26.067 | 16.866 | 59.414 | 4151.897 | 4915.562 | 2.66 | 3.343 | 240.854 | 1.001 | 14.678 |
| 9/11/2018 23:30 | 523800 | 26.067 | 16.866 | 59.415 | 4150.842 | 4914.294 | 2.659 | 3.342 | 240.915 | 1.001 | 14.675 |
| 9/11/2018 23:45 | 524700 | 26.056 | 16.867 | 59.389 | 4151.903 | 4915.472 | 2.66 | 3.343 | 240.853 | 1.001 | 14.686 |
| 9/12/2018 0:00 | 525600 | 26.056 | 16.866 | 59.39 | 4151.577 | 4915.145 | 2.66 | 3.342 | 240.872 | 1.001 | 14.679 |
| 9/12/2018 0:15 | 526500 | 26.064 | 16.867 | 59.407 | 4151.067 | 4914.491 | 2.659 | 3.342 | 240.902 | 1.001 | 14.674 |
| 9/12/2018 0:30 | 527400 | 26.053 | 16.867 | 59.383 | 4151.638 | 4915.197 | 2.66 | 3.342 | 240.869 | 1.001 | 14.686 |
| 9/12 | | | | | | | | | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/13/2018 8:30 | 642600 | 26.044 | 16.866 | 59.362 | 4144.723 | 4907.03 | 2.655 | 3.337 | 241.271 | 1.001 | 14.737 |
| 9/13/2018 8:45 | 643500 | 26.043 | 16.867 | 59.36 | 4144.82 | 4907.126 | 2.655 | 3.337 | 241.265 | 1.001 | 14.743 |
| 9/13/2018 9:00 | 644400 | 26.044 | 16.866 | 59.363 | 4144.255 | 4906.496 | 2.655 | 3.336 | 241.298 | 1.001 | 14.739 |
| 9/13/2018 9:15 | 645300 | 26.042 | 16.867 | 59.357 | 4143.515 | 4905.589 | 2.654 | 3.336 | 241.341 | 1.001 | 14.741 |
| 9/13/2018 9:30 | 646200 | 26.051 | 16.867 | 59.378 | 4144.635 | 4906.896 | 2.655 | 3.337 | 241.276 | 1.001 | 14.732 |
| 9/13/2018 9:45 | 647100 | 26.043 | 16.866 | 59.36 | 4145.396 | 4907.846 | 2.655 | 3.337 | 241.231 | 1.001 | 14.74 |
| 9/13/2018 10:00 | 648000 | 26.044 | 16.867 | 59.363 | 4145.324 | 4907.722 | 2.655 | 3.337 | 241.236 | 1.001 | 14.741 |
| 9/13/2018 10:15 | 648900 | 26.044 | 16.867 | 59.361 | 4145.968 | 4908.474 | 2.656 | 3.338 | 241.198 | 1.001 | 14.742 |
| 9/13/2018 10:30 | 649800 | 26.04 | 16.866 | 59.354 | 4145.402 | 4907.842 | 2.655 | 3.337 | 241.231 | 1.001 | 14.743 |
| 9/13/2018 10:45 | 650700 | 26.053 | 16.867 | 59.382 | 4145.285 | 4907.657 | 2.655 | 3.337 | 241.238 | 1.001 | 14.742 |
| 9/13/2018 11:00 | 651600 | 26.045 | 16.867 | 59.364 | 4145.265 | 4907.613 | 2.655 | 3.337 | 241.239 | 1.001 | 14.746 |
| 9/13/2018 11:15 | 652500 | 26.046 | 16.866 | 59.368 | 4144.856 | 4907.207 | 2.655 | 3.337 | 241.263 | 1.001 | 14.745 |
| 9/13/2018 11:30 | 653400 | 26.042 | 16.866 | 59.357 | 4145.266 | 4907.681 | 2.655 | 3.337 | 241.239 | 1.001 | 14.746 |
| 9/13/2018 11:45 | 654300 | 26.04 | 16.866 | 59.35 | 4145.357 | 4907.83 | 2.655 | 3.337 | 241.234 | 1.001 | 14.752 |
| 9/13/2018 12:00 | 655200 | 26.048 | 16.866 | 59.371 | 4146.154 | 4908.733 | 2.656 | 3.338 | 241.187 | 1.001 | 14.74 |
| 9/13/2018 12:15 | 656100 | 26.047 | 16.866 | 59.368 | 4145.68 | 4908.163 | 2.656 | 3.338 | 241.215 | 1.001 | 14.744 |
| 9/13/2018 12:30 | 657000 | 26.045 | 16.867 | 59.365 | 4146.188 | 4908.754 | 2.656 | 3.338 | 241.185 | 1.001 | 14.743 |
| 9/13/2018 12:45 | 657900 | 26.044 | 16.866 | 59.362 | 4147.259 | 4910.052 | 2.657 | 3.339 | 241.123 | 1.001 | 14.74 |
| 9/13/2018 13:00 | 658800 | 26.04 | 16.866 | 59.353 | 4146.362 | 4909.048 | 2.656 | 3.338 | 241.175 | 1.001 | 14.745 |
| 9/13/2018 13:15 | 659700 | 26.048 | 16.867 | 59.372 | 4146.812 | 4909.483 | 2.656 | 3.338 | 241.149 | 1.001 | 14.741 |
| 9/13/2018 13:30 | 660600 | 26.052 | 16.867 | 59.38 | 4147.836 | 4910.705 | 2.657 | 3.339 | 241.09 | 1.001 | 14.739 |
| 9/13/2018 13:45 | 661500 | 26.047 | 16.866 | 59.369 | 4147.817 | 4910.722 | 2.657 | 3.339 | 241.091 | 1.001 | 14.74 |
| 9/13/2018 14:00 | 662400 | 26.049 | 16.867 | 59.373 | 4147.541 | 4910.346 | 2.657 | 3.339 | 241.107 | 1.001 | 14.738 |
| 9/13/2018 14:15 | 663300 | 26.047 | 16.866 | 59.37 | 4147.633 | 4910.524 | 2.657 | 3.339 | 241.101 | 1.001 | 14.737 |
| 9/13/2018 14:30 | 664200 | 26.044 | 16.867 | 59.363 | 4147.725 | 4910.564 | 2.657 | 3.339 | 241.096 | 1.001 | 14.736 |
| 9/13/2018 14:45 | 665100 | 26.048 | 16.866 | 59.371 | 4148.013 | 4910.944 | 2.657 | 3.339 | 241.079 | 1.001 | 14.734 |
| 9/13/2018 15:00 | 666000 | 26.05 | 16.866 | 59.376 | 4148.653 | 4911.751 | 2.658 | 3.34 | 241.042 | 1.001 | 14.729 |
| 9/13/2018 15:15 | 666900 | 26.051 | 16.867 | 59.378 | 4148.605 | 4911.615 | 2.658 | 3.34 | 241.045 | 1.001 | 14.743 |
| 9/13/2018 15:30 | 667800 | 26.046 | 16.867 | 59.366 | 4149.15 | 4912.261 | 2.658 | 3.34 | 241.023 | 1.001 | 14.722 |
| 9/13/2018 15:45 | 668700 | 26.051 | 16.866 | 59.378 | 4148.991 | 4912.132 | 2.658 | 3.34 | 241.022 | 1.001 | 14.722 |
| 9/13/2018 16:00 | 669600 | 26.046 | 16.867 | 59.366 | 4149.704 | 4912.966 | 2.658 | 3.341 | 240.981 | 1.001 | 14.725 |
| 9/13/2018 16:15 | 670500 | 26.045 | 16.867 | 59.364 | 4150.026 | 4913.278 | 2.658 | 3.341 | 240.962 | 1.001 | 14.726 |
| 9/13/2018 16:30 | 671400 | 26.049 | 16.866 | 59.375 | 4151.137 | 4914.643 | 2.659 | 3.342 | 240.898 | 1.001 | 14.716 |
| 9/13/2018 16:45 | 672300 | 26.051 | 16.866 | 59.379 | 4151.992 | 4915.636 | 2.66 | 3.343 | 240.848 | 1.001 | 14.714 |
| 9/13/2018 17:00 | 673200 | 26.048 | 16.867 | 59.371 | 4151.214 | 4914.696 | 2.659 | 3.342 | 240.893 | 1.001 | 14.713 |
| 9/13/2018 17:15 | 674100 | 26.051 | 16.866 | 59.378 | 4150.649 | 4914.074 | 2.659 | 3.342 | 240.926 | 1.001 | 14.712 |
| 9/13/2018 17:30 | 675000 | 26.053 | 16.866 | 59.383 | 4151.186 | 4914.684 | 2.659 | 3.342 | 240.895 | 1.001 | 14.711 |
| 9/13/2018 17:45 | 675900 | 26.047 | 16.866 | 59.37 | 4151.445 | 4914.988 | 2.659 | 3.342 | 240.88 | 1.001 | 14.716 |
| 9/13/2018 18:00 | 676800 | 26.051 | 16.866 | 59.378 | 4151.167 | 4914.667 | 2.659 | 3.342 | 240.896 | 1.001 | 14.709 |
| 9/13/2018 18:15 | 677700 | 26.056 | 16.866 | 59.39 | 4150.691 | 4914.096 | 2.659 | 3.342 | 240.924 | 1.001 | 14.707 |
| 9/13/2018 18:30 | 678600 | 26.049 | 16.866 | 59.373 | 4150.826 | 4914.294 | 2.659 | 3.342 | 240.916 | 1.001 | 14.706 |
| 9/13/2018 18:45 | 679500 | 26.044 | 16.866 | 59.361 | 4150.846 | 4914.279 | 2.659 | 3.342 | 240.915 | 1.001 | 14.708 |
| 9/13/2018 19:00 | 680400 | 26.054 | 16.867 | 59.385 | 4150.501 | 4913.84 | 2.659 | 3.341 | 240.935 | 1.001 | 14.704 |
| 9/13/2018 19:15 | 681300 | 26.045 | 16.866 | 59.365 | 4149.967 | 4913.307 | 2.659 | 3.341 | 240.966 | 1.001 | 14.707 |
| 9/13/2018 19:30 | 682200 | 26.048 | 16.866 | 59.371 | 4150.062 | 4913.379 | 2.659 | 3.341 | 240.96 | 1.001 | 14.709 |
| 9/13/2018 19:45 | 683100 | 26.046 | 16.867 | 59.368 | 4149.656 | 4912.851 | 2.658 | 3.341 | 240.984 | 1.001 | 14.713 |
| 9/13/2018 20:00 | 684000 | 26.047 | 16.866 | 59.369 | 4148.877 | 4911.987 | 2.658 | 3.34 | 241.029 | 1.001 | 14.712 |
| 9/13/2018 20:15 | 684900 | 26.047 | 16.867 | 59.369 | 4148.813 | 4911.852 | 2.658 | 3.34 | 241.033 | 1.001 | 14.713 |
| 9/13/2018 20:30 | 685800 | 26.044 | 16.866 | 59.361 | 4149.417 | 4911.295 | 2.658 | 3.341 | 240.998 | 1.001 | 14.717 |
| 9/13/2018 20:45 | 686700 | 26.042 | 16.867 | 59.357 | 4149.236 | 4911.151 | 2.657 | 3.34 | 241.066 | 1.001 | 14.717 |
| 9/13/2018 21:00 | 687600 | 26.048 | 16.866 | 59.371 | 4148.198 | 4911.193 | 2.657 | 3.34 | 241.069 | 1.001 | 14.713 |
| 9/13/2018 21:15 | 688500 | 26.041 | 16.867 | 59.354 | 4147.439 | 4910.215 | 2.657 | 3.339 | 241.113 | 1.001 | 14.72 |
| 9/13/2018 21:30 | 689400 | 26.041 | 16.866 | 59.356 | 4147.687 | 4910.577 | 2.657 | 3.339 | 241.098 | 1.001 | 14.723 |
| 9/13/2018 21:45 | 690300 | 26.046 | 16.867 | 59.367 | 4148.287 | 4911.238 | 2.657 | 3.34 | 241.063 | 1.001 | 14.72 |
| 9/13/2018 22:00 | 691200 | 26.048 | 16.867 | 59.372 | 4146.667 | 4909.312 | 2.656 | 3.338 | 241.158 | 1.001 | 14.714 |
| 9/13/2018 22:15 | 692100 | 26.047 | 16.866 | 59.369 | 4146.866 | 4909.605 | 2.656 | 3.339 | 241.146 | 1.001 | 14.712 |
| 9/13/2018 22:30 | 693000 | 26.044 | 16.866 | 59.363 | 4147.503 | 4910.38 | 2.657 | 3.339 | 241.109 | 1.001 | 14.716 |
| 9/13/2018 22:45 | 693900 | 26.041 | 16.866 | 59.354 | 4147.655 | 4910.569 | 2.657 | 3.339 | 241.1 | 1.001 | 14.717 |
| 9/13/2018 23:00 | 694800 | 26.055 | 16.866 | 59.388 | 4147.111 | 4909.925 | 2.657 | 3.339 | 241.132 | 1.001 | 14.71 |
| 9/13/2018 23:15 | 695700 | 26.051 | 16.866 | 59.377 | 4148.372 | 4911.398 | 2.657 | 3.34 | 241.058 | 1.001 | 14.712 |
| 9/13/2018 23:30 | 696600 | 26.048 | 16.866 | 59.372 | 4147.292 | 4910.099 | 2.657 | 3.339 | 241.121 | 1.001 | 14.717 |
| 9/13/2018 23:45 | 697500 | 26.05 | 16.867 | 59.376 | 4148.289 | 4911.24 | 2.657 | 3.34 | 241.063 | 1.001 | 14.714 |
| 9/14/2018 0:00 | 698400 | 26.05 | 16.866 | 59.377 | 4147.116 | 4909.863 | 2.657 | 3.339 | 241.131 | 1.001 | 14.713 |
| 9/14/2018 0:15 | 699300 | 26.045 | 16.866 | 59.364 | 4147.402 | 4910.229 | 2.657 | 3.339 | 241.115 | 1.001 | 14.716 |
| 9/14/2018 0:30 | 700200 | 26.047 | 16.866 | 59.37 | 4146.715 | 4909.408 | 2.656 | 3.338 | 241.155 | 1.001 | 14.718 |
| 9/14/2018 0:45 | 701100 | 26.045 | 16.867 | 59.366 | 4147.014 | 4909.723 | 2.656 | 3.339 | 241.137 | 1.001 | 14.723 |
| 9/14/2018 1:00 | 702000 | 26.037 | 16.866 | 59.347 | 4146.517 | 4909.193 | 2.656 | 3.338 | 241.166 | 1.001 | 14.723 |
| 9/14/2018 1:15 | 702900 | 26.051 | 16.867 | 59.371 | 4146.744 | 4909.344 | 2.656 | 3.338 | 241.153 | 1.001 | 14.717 |
| 9/14/2018 1:30 | 703800 | 26.052 | 16.867 | 59.381 | 4147.586 | 4910.4 | 2.657 | 3.339 | 241.104 | 1.001 | 14.721 |
| 9/14/2018 1:45 | 704700 | 26.045 | 16.866 | 59.365 | 4146.458 | 4909.092 | 2.656 | 3.338 | 241.17 | 1.001 | 14.722 |
| 9/14/2018 2:00 | 705600 | 26.05 | 16.866 | 59.376 | 4146.204 | 4908.784 | 2.656 | 3.338 | 241.184 | 1.001 | 14.715 |
| 9/14/2018 2:15 | 706500 | 26.045 | 16.866 | 59.365 | 4146.13 | 4908.712 | 2.656 | 3.338 | 241.189 | 1.001 | 14.721 |
| 9/14/2018 2:30 | 707400 | 26.044 | 16.866 | 59.363 | 4146.913 | 4909.671 | 2.656 | 3.339 | 241.143 | 1.001 | 14.72 |
| 9/14/2018 2:45 | 708300 | 26.044 | 16.866 | 59.364 | 4146.73 | 4909.651 | 2.656 | 3.338 | 241.175 | 1.001 | 14.725 |
| 9/14/2018 3:00 | 709200 | 26.054 | 16.866 | 59.385 | 4146.746 | 4909.453 | 2.656 | 3.338 | 241.153 | 1.001 | 14.716 |
| 9/14/2018 3:15 | 710100 | 26.046 | 16.867 | 59.368 | 4146.521 | 4909.121 | 2.656 | 3.338 | 241.166 | 1.001 | 14.716 |
| 9/14/2018 3:30 | 711000 | 26.048 | 16.866 | 59.372 | 4147.851 | 4910.801 | 2.657 | 3.339 | 241.089 | 1.001 | 14.717 |
| 9/14/2018 3:45 | 711900 | 26.047 | 16.866 | 59.37 | 4147.33 | 4910.116 | 2.657 | 3.339 | 241.119 | 1.001 | 14.717 |
| 9/14/2018 4:00 | 712800 | 26.042 | 16.867 | 59.359 | 4148.845 | 4911.899 | 2.658 | 3.34 | 241.031 | 1.001 | 14.719 |
| 9/14/2018 4:15 | 713700 | 26.048 | 16.867 | 59.371 | 4147.08 | 4909.81 | 2.656 | 3.339 | 241.134 | 1.001 | 14.715 |
| 9/14/2018 4:30 | 714600 | 26.053 | 16.866 | 59.384 | 4147.212 | 4909.996 | 2.657 | 3.339 | 241.126 | 1.001 | 14.713 |
| 9/14/2018 4:45 | 715500 | 26.048 | 16.866 | 59.372 | 4148.57 | 4911.643 | 2.658 | 3.34 | 241.047 | 1.001 | 14.713 |
| 9/14/2018 5:00 | 716400 | 26.051 | 16.866 | 59.377 | 4148.942 | 4912.053 | 2.658 | 3.34 | 241.025 | 1.001 | 14.71 |
| 9/14/2018 5:15 | 717300 | 26.053 | 16.866 | 59.383 | 4148.327 | 4911.325 | 2.657 | 3.34 | 241.061 | 1.001 | 14.704 |
| 9 | | | | | | | | | | | |

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|-----------------|--------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/15/2018 13:15 | 832500 | 26.041 | 16.866 | 59.354 | 4147.161 | 4909.955 | 2.657 | 3.339 | 241.129 | 1.001 | 14.72 |
| 9/15/2018 13:30 | 833400 | 26.043 | 16.866 | 59.359 | 4147.382 | 4910.207 | 2.657 | 3.339 | 241.116 | 1.001 | 14.72 |
| 9/15/2018 13:45 | 834300 | 26.042 | 16.867 | 59.357 | 4147.701 | 4910.545 | 2.657 | 3.339 | 241.097 | 1.001 | 14.717 |
| 9/15/2018 14:00 | 835200 | 26.039 | 16.866 | 59.351 | 4148.1 | 4911.037 | 2.657 | 3.34 | 241.074 | 1.001 | 14.723 |
| 9/15/2018 14:15 | 836100 | 26.042 | 16.866 | 59.359 | 4148.538 | 4911.585 | 2.658 | 3.34 | 241.049 | 1.001 | 14.713 |
| 9/15/2018 14:30 | 837000 | 26.04 | 16.866 | 59.354 | 4148.316 | 4911.304 | 2.657 | 3.34 | 241.062 | 1.001 | 14.715 |
| 9/15/2018 14:45 | 837900 | 26.047 | 16.866 | 59.37 | 4148.68 | 4911.763 | 2.658 | 3.34 | 241.041 | 1.001 | 14.711 |
| 9/15/2018 15:00 | 838800 | 26.042 | 16.867 | 59.357 | 4148.997 | 4912.07 | 2.658 | 3.34 | 241.022 | 1.001 | 14.711 |
| 9/15/2018 15:15 | 839700 | 26.042 | 16.866 | 59.358 | 4148.326 | 4911.334 | 2.657 | 3.34 | 241.061 | 1.001 | 14.708 |
| 9/15/2018 15:30 | 840600 | 26.041 | 16.866 | 59.354 | 4149.525 | 4912.764 | 2.658 | 3.341 | 240.991 | 1.001 | 14.711 |
| 9/15/2018 15:45 | 841500 | 26.043 | 16.866 | 59.361 | 4150.66 | 4914.146 | 2.659 | 3.342 | 240.926 | 1.001 | 14.704 |
| 9/15/2018 16:00 | 842400 | 26.039 | 16.866 | 59.351 | 4149.945 | 4913.241 | 2.658 | 3.341 | 240.967 | 1.001 | 14.704 |
| 9/15/2018 16:15 | 843300 | 26.043 | 16.866 | 59.36 | 4150.624 | 4914.024 | 2.659 | 3.342 | 240.928 | 1.001 | 14.7 |
| 9/15/2018 16:30 | 844200 | 26.048 | 16.866 | 59.371 | 4150.957 | 4914.438 | 2.659 | 3.342 | 240.908 | 1.001 | 14.693 |
| 9/15/2018 16:45 | 845100 | 26.043 | 16.866 | 59.36 | 4150.515 | 4913.965 | 2.659 | 3.341 | 240.934 | 1.001 | 14.699 |
| 9/15/2018 17:00 | 846000 | 26.051 | 16.866 | 59.378 | 4150.945 | 4914.465 | 2.659 | 3.342 | 240.909 | 1.001 | 14.691 |
| 9/15/2018 17:15 | 846900 | 26.049 | 16.866 | 59.374 | 4151.376 | 4914.984 | 2.659 | 3.342 | 240.991 | 1.001 | 14.692 |
| 9/15/2018 17:30 | 847800 | 26.044 | 16.867 | 59.362 | 4151.634 | 4915.193 | 2.66 | 3.342 | 240.869 | 1.001 | 14.694 |
| 9/15/2018 17:45 | 848700 | 26.043 | 16.866 | 59.362 | 4151.412 | 4915.112 | 2.659 | 3.342 | 240.958 | 1.001 | 14.694 |
| 9/15/2018 18:00 | 849600 | 26.043 | 16.866 | 59.36 | 4150.54 | 4913.936 | 2.659 | 3.341 | 240.933 | 1.001 | 14.697 |
| 9/15/2018 18:15 | 850500 | 26.039 | 16.866 | 59.351 | 4150.634 | 4914.028 | 2.659 | 3.342 | 240.927 | 1.001 | 14.696 |
| 9/15/2018 18:30 | 851400 | 26.042 | 16.866 | 59.358 | 4150.874 | 4914.331 | 2.659 | 3.342 | 240.913 | 1.001 | 14.693 |
| 9/15/2018 18:45 | 852300 | 26.044 | 16.865 | 59.362 | 4150.847 | 4914.406 | 2.659 | 3.342 | 240.915 | 1.001 | 14.688 |
| 9/15/2018 19:00 | 853200 | 26.05 | 16.866 | 59.377 | 4151.242 | 4914.787 | 2.659 | 3.342 | 240.892 | 1.001 | 14.685 |
| 9/15/2018 19:15 | 854100 | 26.043 | 16.866 | 59.36 | 4151.224 | 4914.785 | 2.659 | 3.342 | 240.893 | 1.001 | 14.692 |
| 9/15/2018 19:30 | 855000 | 26.05 | 16.866 | 59.377 | 4150.852 | 4914.354 | 2.659 | 3.342 | 240.914 | 1.001 | 14.687 |
| 9/15/2018 19:45 | 855900 | 26.04 | 16.866 | 59.354 | 4150.905 | 4914.417 | 2.659 | 3.342 | 240.911 | 1.001 | 14.7 |
| 9/15/2018 20:00 | 856800 | 26.041 | 16.866 | 59.356 | 4149.78 | 4913.045 | 2.658 | 3.341 | 240.977 | 1.001 | 14.701 |
| 9/15/2018 20:15 | 857700 | 26.043 | 16.866 | 59.36 | 4149.426 | 4912.656 | 2.658 | 3.341 | 240.997 | 1.001 | 14.7 |
| 9/15/2018 20:30 | 858600 | 26.05 | 16.866 | 59.375 | 4148.789 | 4911.951 | 2.658 | 3.34 | 241.034 | 1.001 | 14.698 |
| 9/15/2018 20:45 | 859500 | 26.043 | 16.866 | 59.339 | 4148.354 | 4911.407 | 2.659 | 3.34 | 241.069 | 1.001 | 14.7 |
| 9/15/2018 21:00 | 860400 | 26.045 | 16.866 | 59.365 | 4147.744 | 4910.645 | 2.657 | 3.339 | 241.095 | 1.001 | 14.706 |
| 9/15/2018 21:15 | 861300 | 26.04 | 16.866 | 59.354 | 4148.08 | 4911.033 | 2.657 | 3.34 | 241.075 | 1.001 | 14.704 |
| 9/15/2018 21:30 | 862200 | 26.039 | 16.866 | 59.35 | 4148.038 | 4911.003 | 2.657 | 3.339 | 241.078 | 1.001 | 14.708 |
| 9/15/2018 21:45 | 863100 | 26.044 | 16.866 | 59.362 | 4146.687 | 4909.394 | 2.656 | 3.338 | 241.156 | 1.001 | 14.706 |
| 9/15/2018 22:00 | 864000 | 26.046 | 16.867 | 59.367 | 4147.089 | 4909.82 | 2.657 | 3.339 | 241.133 | 1.001 | 14.701 |
| 9/15/2018 22:15 | 864900 | 26.045 | 16.866 | 59.365 | 4148.269 | 4911.248 | 2.657 | 3.34 | 241.064 | 1.001 | 14.707 |
| 9/15/2018 22:30 | 865800 | 26.034 | 16.866 | 59.339 | 4146.484 | 4909.164 | 2.656 | 3.338 | 241.168 | 1.001 | 14.712 |
| 9/15/2018 22:45 | 866700 | 26.044 | 16.866 | 59.362 | 4147.479 | 4910.32 | 2.657 | 3.339 | 241.11 | 1.001 | 14.703 |
| 9/15/2018 23:00 | 867600 | 26.05 | 16.866 | 59.375 | 4147.648 | 4910.532 | 2.657 | 3.339 | 241.1 | 1.001 | 14.707 |
| 9/15/2018 23:15 | 868500 | 26.035 | 16.866 | 59.343 | 4147.462 | 4910.292 | 2.657 | 3.339 | 241.111 | 1.001 | 14.715 |
| 9/15/2018 23:30 | 869400 | 26.042 | 16.866 | 59.358 | 4147.664 | 4910.608 | 2.657 | 3.339 | 241.1 | 1.001 | 14.711 |
| 9/15/2018 23:45 | 870300 | 26.039 | 16.866 | 59.35 | 4147.551 | 4910.386 | 2.657 | 3.339 | 241.106 | 1.001 | 14.713 |
| 9/16/2018 0:00 | 871200 | 26.042 | 16.866 | 59.357 | 4146.963 | 4909.871 | 2.656 | 3.339 | 241.14 | 1.001 | 14.719 |
| 9/16/2018 0:15 | 872100 | 26.043 | 16.866 | 59.36 | 4146.777 | 4909.47 | 2.656 | 3.338 | 241.151 | 1.001 | 14.713 |
| 9/16/2018 0:30 | 873000 | 26.043 | 16.866 | 59.359 | 4146.645 | 4909.344 | 2.656 | 3.338 | 241.159 | 1.001 | 14.712 |
| 9/16/2018 0:45 | 873900 | 26.04 | 16.867 | 59.354 | 4146.585 | 4909.215 | 2.656 | 3.338 | 241.162 | 1.001 | 14.715 |
| 9/16/2018 1:00 | 874800 | 26.039 | 16.866 | 59.352 | 4146.539 | 4909.228 | 2.656 | 3.338 | 241.165 | 1.001 | 14.712 |
| 9/16/2018 1:15 | 875700 | 26.04 | 16.866 | 59.352 | 4147.078 | 4909.866 | 2.657 | 3.339 | 241.134 | 1.001 | 14.717 |
| 9/16/2018 1:30 | 876600 | 26.051 | 16.866 | 59.378 | 4147.365 | 4910.207 | 2.657 | 3.339 | 241.117 | 1.001 | 14.708 |
| 9/16/2018 1:45 | 877500 | 26.041 | 16.866 | 59.355 | 4146.949 | 4909.762 | 2.656 | 3.339 | 241.141 | 1.001 | 14.715 |
| 9/16/2018 2:00 | 878400 | 26.045 | 16.866 | 59.364 | 4147.034 | 4909.815 | 2.656 | 3.339 | 241.136 | 1.001 | 14.717 |
| 9/16/2018 2:15 | 879300 | 26.042 | 16.866 | 59.357 | 4146.536 | 4909.244 | 2.656 | 3.338 | 241.165 | 1.001 | 14.717 |
| 9/16/2018 2:30 | 880200 | 26.045 | 16.866 | 59.365 | 4147.048 | 4909.821 | 2.657 | 3.339 | 241.135 | 1.001 | 14.717 |
| 9/16/2018 2:45 | 881100 | 26.044 | 16.866 | 59.361 | 4146.663 | 4909.346 | 2.656 | 3.338 | 241.158 | 1.001 | 14.714 |
| 9/16/2018 3:00 | 882000 | 26.041 | 16.866 | 59.355 | 4146.681 | 4909.368 | 2.656 | 3.338 | 241.157 | 1.001 | 14.718 |
| 9/16/2018 3:15 | 882900 | 26.042 | 16.867 | 59.357 | 4146.497 | 4909.11 | 2.656 | 3.338 | 241.167 | 1.001 | 14.717 |
| 9/16/2018 3:30 | 883800 | 26.047 | 16.866 | 59.369 | 4146.29 | 4908.904 | 2.656 | 3.338 | 241.179 | 1.001 | 14.717 |
| 9/16/2018 3:45 | 884700 | 26.044 | 16.866 | 59.363 | 4146.286 | 4908.889 | 2.656 | 3.338 | 241.18 | 1.001 | 14.72 |
| 9/16/2018 4:00 | 885600 | 26.053 | 16.866 | 59.384 | 4147.255 | 4910.106 | 2.657 | 3.339 | 241.123 | 1.001 | 14.712 |
| 9/16/2018 4:15 | 886500 | 26.045 | 16.866 | 59.365 | 4146.457 | 4909.131 | 2.656 | 3.338 | 241.17 | 1.001 | 14.714 |
| 9/16/2018 4:30 | 887400 | 26.047 | 16.866 | 59.368 | 4146.554 | 4909.274 | 2.656 | 3.338 | 241.139 | 1.001 | 14.716 |
| 9/16/2018 4:45 | 888300 | 26.049 | 16.867 | 59.373 | 4146.543 | 4909.165 | 2.656 | 3.338 | 241.165 | 1.001 | 14.715 |
| 9/16/2018 5:00 | 889200 | 26.047 | 16.867 | 59.37 | 4148.503 | 4911.494 | 2.657 | 3.34 | 241.051 | 1.001 | 14.716 |
| 9/16/2018 5:15 | 890100 | 26.044 | 16.866 | 59.363 | 4147.69 | 4910.551 | 2.657 | 3.339 | 241.098 | 1.001 | 14.72 |
| 9/16/2018 5:30 | 891000 | 26.04 | 16.866 | 59.354 | 4147.138 | 4909.917 | 2.657 | 3.339 | 241.13 | 1.001 | 14.716 |
| 9/16/2018 5:45 | 891900 | 26.045 | 16.866 | 59.365 | 4146.765 | 4909.496 | 2.656 | 3.338 | 241.152 | 1.001 | 14.72 |
| 9/16/2018 6:00 | 892800 | 26.041 | 16.866 | 59.359 | 4146.337 | 4909.368 | 2.656 | 3.339 | 241.148 | 1.001 | 14.718 |
| 9/16/2018 6:15 | 893700 | 26.042 | 16.866 | 59.358 | 4146.459 | 4909.134 | 2.656 | 3.338 | 241.17 | 1.001 | 14.718 |
| 9/16/2018 6:30 | 894600 | 26.04 | 16.866 | 59.353 | 4145.853 | 4908.407 | 2.656 | 3.338 | 241.205 | 1.001 | 14.724 |
| 9/16/2018 6:45 | 895500 | 26.039 | 16.866 | 59.351 | 4145.76 | 4908.354 | 2.656 | 3.338 | 241.21 | 1.001 | 14.729 |
| 9/16/2018 7:00 | 896400 | 26.043 | 16.866 | 59.36 | 4146.39 | 4909.042 | 2.656 | 3.338 | 241.174 | 1.001 | 14.726 |
| 9/16/2018 7:15 | 897300 | 26.043 | 16.866 | 59.36 | 4145.413 | 4907.875 | 2.655 | 3.337 | 241.23 | 1.001 | 14.727 |
| 9/16/2018 7:30 | 898200 | 26.047 | 16.866 | 59.369 | 4146.047 | 4908.236 | 2.656 | 3.338 | 241.194 | 1.001 | 14.729 |
| 9/16/2018 7:45 | 899100 | 26.04 | 16.866 | 59.354 | 4145.438 | 4907.944 | 2.655 | 3.337 | 241.229 | 1.001 | 14.735 |
| 9/16/2018 8:00 | 900000 | 26.04 | 16.866 | 59.352 | 4144.118 | 4906.333 | 2.654 | 3.336 | 241.306 | 1.001 | 14.737 |
| 9/16/2018 8:15 | 900900 | 26.035 | 16.866 | 59.342 | 4145.31 | 4907.802 | 2.655 | 3.337 | 241.237 | 1.001 | 14.737 |
| 9/16/2018 8:30 | 901800 | 26.048 | 16.866 | 59.371 | 4145.05 | 4907.436 | 2.655 | 3.337 | 241.252 | 1.001 | 14.732 |
| 9/16/2018 8:45 | 902700 | 26.044 | 16.866 | 59.363 | 4144.175 | 4906.381 | 2.655 | 3.336 | 241.303 | 1.001 | 14.734 |
| 9/16/2018 9:00 | 903600 | 26.047 | 16.866 | 59.37 | 4144.248 | 4906.525 | 2.655 | 3.336 | 241.298 | 1.001 | 14.735 |
| 9/16/2018 9:15 | 904500 | 26.037 | 16.866 | 59.347 | 4144.591 | 4907.357 | 2.655 | 3.337 | 241.255 | 1.001 | 14.742 |
| 9/16/2018 9:30 | 905400 | 26.042 | 16.866 | 59.358 | 4144.439 | 4906.743 | 2.655 | 3.337 | 241.287 | 1.001 | 14.733 |
| 9/16/2018 9:45 | 906300 | 26.038 | 16.866 | 59.349 | 4144.32 | 4906.562 | 2.655 | 3.336 | 241.294 | 1.001 | 14.742 |
| 9/16/2018 10:00 | 907200 | 26.042 | 16.866 | 59.359 | 4144.787 | 4907.154 | 2.655 | 3.337 | 241.267 | 1.001 | 14.735 |
| 9/16/2018 10:15 | 908100 | 2 | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/17/2018 18:00 | 1023400 | 26.034 | 16.866 | 59.34 | 4150.667 | 4914.135 | 2.659 | 3.342 | 240.925 | 1.001 | 14.709 |
| 9/17/2018 18:15 | 1023300 | 26.038 | 16.866 | 59.35 | 4150.57 | 4914.001 | 2.659 | 3.342 | 240.931 | 1.001 | 14.708 |
| 9/17/2018 18:30 | 1024200 | 26.042 | 16.866 | 59.358 | 4148.791 | 4911.952 | 2.658 | 3.34 | 241.034 | 1.001 | 14.7 |
| 9/17/2018 18:45 | 1025100 | 26.049 | 16.866 | 59.373 | 4149.279 | 4912.521 | 2.658 | 3.341 | 241.006 | 1.001 | 14.699 |
| 9/17/2018 19:00 | 1026000 | 26.054 | 16.866 | 59.384 | 4149.627 | 4912.933 | 2.658 | 3.341 | 240.985 | 1.001 | 14.693 |
| 9/17/2018 19:15 | 1026900 | 26.042 | 16.866 | 59.358 | 4150.507 | 4913.906 | 2.659 | 3.341 | 240.934 | 1.001 | 14.702 |
| 9/17/2018 19:30 | 1027800 | 26.047 | 16.866 | 59.368 | 4150.246 | 4913.656 | 2.659 | 3.341 | 240.95 | 1.001 | 14.7 |
| 9/17/2018 19:45 | 1028700 | 26.044 | 16.866 | 59.361 | 4149.939 | 4913.284 | 2.658 | 3.341 | 240.967 | 1.001 | 14.701 |
| 9/17/2018 20:00 | 1029600 | 26.042 | 16.866 | 59.358 | 4149.689 | 4912.997 | 2.658 | 3.341 | 240.982 | 1.001 | 14.706 |
| 9/17/2018 20:15 | 1030500 | 26.042 | 16.866 | 59.357 | 4148.978 | 4912.145 | 2.658 | 3.34 | 241.023 | 1.001 | 14.706 |
| 9/17/2018 20:30 | 1031400 | 26.04 | 16.865 | 59.353 | 4148.484 | 4911.599 | 2.658 | 3.34 | 241.052 | 1.001 | 14.705 |
| 9/17/2018 20:45 | 1032300 | 26.041 | 16.866 | 59.356 | 4148.37 | 4911.425 | 2.657 | 3.34 | 241.059 | 1.001 | 14.706 |
| 9/17/2018 21:00 | 1033200 | 26.039 | 16.865 | 59.35 | 4148.303 | 4911.404 | 2.657 | 3.34 | 241.062 | 1.001 | 14.714 |
| 9/17/2018 21:15 | 1034100 | 26.037 | 16.865 | 59.346 | 4148.221 | 4911.287 | 2.657 | 3.34 | 241.067 | 1.001 | 14.713 |
| 9/17/2018 21:30 | 1035000 | 26.037 | 16.866 | 59.345 | 4147.048 | 4909.87 | 2.657 | 3.339 | 241.135 | 1.001 | 14.716 |
| 9/17/2018 21:45 | 1035900 | 26.038 | 16.865 | 59.349 | 4147.482 | 4910.413 | 2.657 | 3.339 | 241.11 | 1.001 | 14.715 |
| 9/17/2018 22:00 | 1036800 | 26.04 | 16.866 | 59.353 | 4147.645 | 4910.576 | 2.657 | 3.339 | 241.101 | 1.001 | 14.713 |
| 9/17/2018 22:15 | 1037700 | 26.038 | 16.865 | 59.348 | 4146.549 | 4909.318 | 2.656 | 3.338 | 241.164 | 1.001 | 14.716 |
| 9/17/2018 22:30 | 1038600 | 26.038 | 16.866 | 59.348 | 4146.82 | 4909.999 | 2.656 | 3.339 | 241.149 | 1.001 | 14.728 |
| 9/17/2018 22:45 | 1039500 | 26.04 | 16.866 | 59.352 | 4146.53 | 4909.266 | 2.656 | 3.338 | 241.166 | 1.001 | 14.719 |
| 9/17/2018 23:00 | 1040400 | 26.037 | 16.866 | 59.346 | 4145.703 | 4908.268 | 2.656 | 3.338 | 241.214 | 1.001 | 14.722 |
| 9/17/2018 23:15 | 1041300 | 26.044 | 16.866 | 59.362 | 4145.919 | 4908.495 | 2.656 | 3.338 | 241.201 | 1.001 | 14.712 |
| 9/17/2018 23:30 | 1042200 | 26.043 | 16.866 | 59.36 | 4145.565 | 4908.095 | 2.656 | 3.338 | 241.222 | 1.001 | 14.717 |
| 9/17/2018 23:45 | 1043100 | 26.042 | 16.866 | 59.357 | 4146.554 | 4909.226 | 2.656 | 3.338 | 241.164 | 1.001 | 14.717 |
| 9/18/2018 0:00 | 1044000 | 26.046 | 16.866 | 59.366 | 4146.256 | 4908.923 | 2.656 | 3.336 | 241.181 | 1.001 | 14.714 |
| 9/18/2018 0:15 | 1044900 | 26.04 | 16.865 | 59.354 | 4146.154 | 4908.84 | 2.656 | 3.338 | 241.187 | 1.001 | 14.716 |
| 9/18/2018 0:30 | 1045800 | 26.042 | 16.866 | 59.358 | 4146.263 | 4908.959 | 2.656 | 3.338 | 241.181 | 1.001 | 14.714 |
| 9/18/2018 0:45 | 1046700 | 26.035 | 16.865 | 59.343 | 4146.302 | 4909.015 | 2.656 | 3.338 | 241.179 | 1.001 | 14.718 |
| 9/18/2018 1:00 | 1047600 | 26.047 | 16.866 | 59.368 | 4146.902 | 4909.668 | 2.656 | 3.339 | 241.144 | 1.001 | 14.714 |
| 9/18/2018 1:15 | 1048500 | 26.041 | 16.866 | 59.354 | 4146.831 | 4909.612 | 2.656 | 3.339 | 241.148 | 1.001 | 14.719 |
| 9/18/2018 1:30 | 1049400 | 26.047 | 16.866 | 59.37 | 4145.796 | 4908.378 | 2.656 | 3.338 | 241.206 | 1.001 | 14.712 |
| 9/18/2018 1:45 | 1050300 | 26.042 | 16.866 | 59.359 | 4147.379 | 4910.271 | 2.657 | 3.339 | 241.116 | 1.001 | 14.716 |
| 9/18/2018 2:00 | 1051200 | 26.043 | 16.866 | 59.36 | 4146.667 | 4909.39 | 2.656 | 3.338 | 241.158 | 1.001 | 14.711 |
| 9/18/2018 2:15 | 1052100 | 26.043 | 16.865 | 59.36 | 4146.348 | 4909.069 | 2.656 | 3.338 | 241.176 | 1.001 | 14.711 |
| 9/18/2018 2:30 | 1053000 | 26.048 | 16.866 | 59.372 | 4146.899 | 4909.713 | 2.656 | 3.339 | 241.144 | 1.001 | 14.712 |
| 9/18/2018 2:45 | 1053900 | 26.04 | 16.865 | 59.353 | 4146.711 | 4909.52 | 2.656 | 3.338 | 241.155 | 1.001 | 14.713 |
| 9/18/2018 3:00 | 1054800 | 26.044 | 16.866 | 59.362 | 4146.679 | 4909.464 | 2.656 | 3.338 | 241.157 | 1.001 | 14.713 |
| 9/18/2018 3:15 | 1055700 | 26.05 | 16.866 | 59.376 | 4146.221 | 4908.881 | 2.656 | 3.338 | 241.184 | 1.001 | 14.71 |
| 9/18/2018 3:30 | 1056600 | 26.04 | 16.866 | 59.352 | 4146.168 | 4908.809 | 2.656 | 3.338 | 241.187 | 1.001 | 14.709 |
| 9/18/2018 3:45 | 1057500 | 26.044 | 16.865 | 59.363 | 4146.562 | 4909.362 | 2.656 | 3.338 | 241.164 | 1.001 | 14.714 |
| 9/18/2018 4:00 | 1058400 | 26.042 | 16.866 | 59.357 | 4146.474 | 4909.21 | 2.656 | 3.338 | 241.169 | 1.001 | 14.71 |
| 9/18/2018 4:15 | 1059300 | 26.042 | 16.865 | 59.358 | 4147.131 | 4910.016 | 2.657 | 3.339 | 241.131 | 1.001 | 14.71 |
| 9/18/2018 4:30 | 1060200 | 26.04 | 16.866 | 59.353 | 4147.413 | 4910.221 | 2.657 | 3.339 | 241.114 | 1.001 | 14.714 |
| 9/18/2018 4:45 | 1061100 | 26.039 | 16.866 | 59.351 | 4147.169 | 4910.004 | 2.657 | 3.339 | 241.129 | 1.001 | 14.715 |
| 9/18/2018 5:00 | 1062000 | 26.042 | 16.866 | 59.358 | 4146.825 | 4909.605 | 2.656 | 3.339 | 241.148 | 1.001 | 14.715 |
| 9/18/2018 5:15 | 1062900 | 26.037 | 16.865 | 59.347 | 4147.184 | 4910.069 | 2.657 | 3.339 | 241.128 | 1.001 | 14.719 |
| 9/18/2018 5:30 | 1063800 | 26.039 | 16.865 | 59.351 | 4146.625 | 4909.418 | 2.656 | 3.338 | 241.16 | 1.001 | 14.715 |
| 9/18/2018 5:45 | 1064700 | 26.046 | 16.866 | 59.366 | 4145.529 | 4908.091 | 2.656 | 3.338 | 241.224 | 1.001 | 14.71 |
| 9/18/2018 6:00 | 1065600 | 26.036 | 16.866 | 59.344 | 4145.718 | 4908.276 | 2.656 | 3.338 | 241.213 | 1.001 | 14.72 |
| 9/18/2018 6:15 | 1066500 | 26.043 | 16.866 | 59.361 | 4145.877 | 4908.465 | 2.656 | 3.338 | 241.203 | 1.001 | 14.716 |
| 9/18/2018 6:30 | 1067400 | 26.033 | 16.866 | 59.338 | 4145.469 | 4908 | 2.655 | 3.337 | 241.227 | 1.001 | 14.724 |
| 9/18/2018 6:45 | 1068300 | 26.038 | 16.866 | 59.35 | 4146.159 | 4908.808 | 2.656 | 3.338 | 241.187 | 1.001 | 14.725 |
| 9/18/2018 7:00 | 1069200 | 26.041 | 16.866 | 59.355 | 4145.466 | 4907.978 | 2.655 | 3.337 | 241.227 | 1.001 | 14.722 |
| 9/18/2018 7:15 | 1070100 | 26.046 | 16.866 | 59.366 | 4145.181 | 4907.631 | 2.655 | 3.337 | 241.244 | 1.001 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 26.043 | 16.866 | 59.361 | 4145.669 | 4908.198 | 2.656 | 3.338 | 241.216 | 1.001 | 14.725 |
| 9/18/2018 7:45 | 1071900 | 26.044 | 16.866 | 59.363 | 4145.08 | 4907.56 | 2.655 | 3.337 | 241.25 | 1.001 | 14.723 |
| 9/18/2018 8:00 | 1072800 | 26.042 | 16.866 | 59.359 | 4144.426 | 4906.785 | 2.655 | 3.337 | 241.288 | 1.001 | 14.724 |
| 9/18/2018 8:15 | 1073700 | 26.04 | 16.866 | 59.354 | 4143.833 | 4906.054 | 2.654 | 3.336 | 241.322 | 1.001 | 14.726 |
| 9/18/2018 8:30 | 1074600 | 26.041 | 16.866 | 59.355 | 4144.369 | 4906.708 | 2.655 | 3.337 | 241.291 | 1.001 | 14.724 |
| 9/18/2018 8:45 | 1075500 | 26.039 | 16.865 | 59.352 | 4144.336 | 4906.727 | 2.655 | 3.337 | 241.293 | 1.001 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 26.04 | 16.866 | 59.354 | 4143.334 | 4905.7 | 2.654 | 3.336 | 241.34 | 1.001 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 26.04 | 16.866 | 59.352 | 4143.529 | 4905.9 | 2.654 | 3.336 | 241.327 | 1.001 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 26.032 | 16.866 | 59.334 | 4145.013 | 4907.452 | 2.655 | 3.337 | 241.254 | 1.001 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 26.039 | 16.866 | 59.35 | 4144.579 | 4906.888 | 2.655 | 3.337 | 241.279 | 1.001 | 14.731 |
| 9/18/2018 10:00 | 1080000 | 26.037 | 16.866 | 59.346 | 4143.706 | 4905.893 | 2.654 | 3.336 | 241.33 | 1.001 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 26.042 | 16.866 | 59.357 | 4145.524 | 4908.085 | 2.656 | 3.337 | 241.224 | 1.001 | 14.73 |
| 9/18/2018 10:30 | 1081800 | 26.034 | 16.866 | 59.34 | 4144.991 | 4907.425 | 2.655 | 3.337 | 241.255 | 1.001 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 26.042 | 16.866 | 59.363 | 4144.305 | 4906.643 | 2.655 | 3.337 | 241.295 | 1.001 | 14.728 |
| 9/18/2018 11:00 | 1083600 | 26.041 | 16.866 | 59.356 | 4143.742 | 4905.946 | 2.654 | 3.336 | 241.328 | 1.001 | 14.726 |
| 9/18/2018 11:15 | 1084500 | 26.039 | 16.865 | 59.35 | 4144.706 | 4907.136 | 2.655 | 3.337 | 241.272 | 1.001 | 14.728 |
| 9/18/2018 11:30 | 1085400 | 26.038 | 16.865 | 59.349 | 4144.616 | 4907.049 | 2.655 | 3.337 | 241.277 | 1.001 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 26.034 | 16.866 | 59.339 | 4145.379 | 4907.904 | 2.655 | 3.337 | 241.232 | 1.001 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 26.032 | 16.866 | 59.334 | 4145.43 | 4907.926 | 2.655 | 3.337 | 241.229 | 1.001 | 14.727 |
| 9/18/2018 12:15 | 1088100 | 26.044 | 16.866 | 59.362 | 4145.095 | 4908.249 | 2.656 | 3.338 | 241.214 | 1.001 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 26.038 | 16.866 | 59.349 | 4145.943 | 4908.552 | 2.656 | 3.338 | 241.2 | 1.001 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 26.042 | 16.866 | 59.357 | 4145.871 | 4908.476 | 2.656 | 3.338 | 241.204 | 1.001 | 14.723 |
| 9/18/2018 13:00 | 1090800 | 26.039 | 16.866 | 59.35 | 4146.869 | 4909.648 | 2.656 | 3.339 | 241.146 | 1.001 | 14.721 |
| 9/18/2018 13:15 | 1091700 | 26.038 | 16.866 | 59.349 | 4146.492 | 4909.212 | 2.656 | 3.338 | 241.168 | 1.001 | 14.717 |
| 9/18/2018 13:30 | 1092600 | 26.043 | 16.865 | 59.36 | 4147.046 | 4909.926 | 2.657 | 3.339 | 241.135 | 1.001 | 14.713 |
| 9/18/2018 13:45 | 1093500 | 26.036 | 16.866 | 59.344 | 4147.104 | 4909.856 | 2.657 | 3.339 | 241.132 | 1.001 | 14.716 |
| 9/18/2018 14:00 | 1094400 | 26.044 | 16.866 | 59.362 | 4147.639 | 4910.562 | 2.657 | 3.339 | 241.101 | 1.001 | 14.709 |
| 9/18/2018 14:15 | 1095300 | 26.046 | 16.866 | 59.366 | 4148 | 4910.988 | 2.657 | 3.339 | 241.08 | 1.001 | 14.709 |
| 9/18/2018 14:30 | 1096200 | 26.046 | 16.865 | 59.367 | 4147.816 | 4910.808 | 2.657 | 3.339 | 241.091 | 1.001 | 14.703 |
| 9/18/2018 14:45 | 1097100 | 26.044 | 16.866 | 59.362 | 4148.046 | 4911.003 | 2.657 | 3.339 | 241.077 | 1.001 | 14.704 |
| 9/18/2018 15:00 | 1098000 | | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/19/2018 22:45 | 1213200 | 26.043 | 16.866 | 59.359 | 4148.02 | 4911.021 | 2.657 | 3.339 | 241.079 | 1.001 | 14.651 |
| 9/19/2018 23:00 | 1213200 | 26.053 | 16.865 | 59.383 | 4148.933 | 4912.208 | 2.658 | 3.334 | 241.026 | 1.001 | 14.646 |
| 9/19/2018 23:15 | 1214100 | 26.045 | 16.865 | 59.364 | 4149.108 | 4912.367 | 2.658 | 3.334 | 241.016 | 1.001 | 14.651 |
| 9/19/2018 23:30 | 1215000 | 26.052 | 16.866 | 59.38 | 4149.051 | 4912.261 | 2.658 | 3.334 | 241.019 | 1.001 | 14.646 |
| 9/19/2018 23:45 | 1215900 | 26.047 | 16.865 | 59.369 | 4147.856 | 4910.925 | 2.657 | 3.339 | 241.088 | 1.001 | 14.649 |
| 9/20/2018 0:00 | 1216800 | 26.046 | 16.865 | 59.367 | 4148.497 | 4911.624 | 2.658 | 3.334 | 241.051 | 1.001 | 14.648 |
| 9/20/2018 0:15 | 1217700 | 26.049 | 16.865 | 59.375 | 4148.811 | 4912.005 | 2.658 | 3.334 | 241.033 | 1.001 | 14.644 |
| 9/20/2018 0:30 | 1218600 | 26.048 | 16.865 | 59.372 | 4148.806 | 4912.01 | 2.658 | 3.334 | 241.033 | 1.001 | 14.642 |
| 9/20/2018 0:45 | 1219500 | 26.05 | 16.865 | 59.375 | 4149.029 | 4912.264 | 2.658 | 3.334 | 241.02 | 1.001 | 14.644 |
| 9/20/2018 1:00 | 1220400 | 26.052 | 16.866 | 59.381 | 4148.771 | 4911.929 | 2.658 | 3.334 | 241.035 | 1.001 | 14.642 |
| 9/20/2018 1:15 | 1221300 | 26.054 | 16.865 | 59.385 | 4149.075 | 4912.299 | 2.658 | 3.334 | 241.018 | 1.001 | 14.64 |
| 9/20/2018 1:30 | 1222200 | 26.05 | 16.865 | 59.375 | 4148.896 | 4912.145 | 2.658 | 3.334 | 241.028 | 1.001 | 14.637 |
| 9/20/2018 1:45 | 1223100 | 26.051 | 16.865 | 59.379 | 4148.458 | 4911.578 | 2.658 | 3.334 | 241.053 | 1.001 | 14.64 |
| 9/20/2018 2:00 | 1224000 | 26.046 | 16.865 | 59.367 | 4148.817 | 4912.003 | 2.658 | 3.334 | 241.033 | 1.001 | 14.644 |
| 9/20/2018 2:15 | 1224900 | 26.042 | 16.865 | 59.358 | 4148.706 | 4911.911 | 2.658 | 3.334 | 241.039 | 1.001 | 14.647 |
| 9/20/2018 2:30 | 1225800 | 26.042 | 16.865 | 59.359 | 4148.417 | 4911.559 | 2.658 | 3.334 | 241.056 | 1.001 | 14.645 |
| 9/20/2018 2:45 | 1226700 | 26.042 | 16.865 | 59.358 | 4148.994 | 4912.222 | 2.658 | 3.334 | 241.022 | 1.001 | 14.645 |
| 9/20/2018 3:00 | 1227600 | 26.053 | 16.866 | 59.382 | 4148.306 | 4911.378 | 2.657 | 3.334 | 241.062 | 1.001 | 14.634 |
| 9/20/2018 3:15 | 1228500 | 26.05 | 16.865 | 59.377 | 4148.032 | 4911.04 | 2.657 | 3.334 | 241.08 | 1.001 | 14.641 |
| 9/20/2018 3:30 | 1229400 | 26.046 | 16.865 | 59.367 | 4148.268 | 4911.353 | 2.657 | 3.334 | 241.064 | 1.001 | 14.645 |
| 9/20/2018 3:45 | 1230300 | 26.048 | 16.865 | 59.371 | 4149.327 | 4912.617 | 2.658 | 3.341 | 241.003 | 1.001 | 14.64 |
| 9/20/2018 4:00 | 1231200 | 26.05 | 16.865 | 59.377 | 4148.469 | 4911.6 | 2.658 | 3.334 | 241.053 | 1.001 | 14.638 |
| 9/20/2018 4:15 | 1232100 | 26.049 | 16.865 | 59.375 | 4148.647 | 4911.861 | 2.658 | 3.334 | 241.042 | 1.001 | 14.635 |
| 9/20/2018 4:30 | 1233000 | 26.049 | 16.865 | 59.375 | 4148.673 | 4911.842 | 2.658 | 3.334 | 241.041 | 1.001 | 14.641 |
| 9/20/2018 4:45 | 1233900 | 26.046 | 16.865 | 59.366 | 4148.676 | 4911.866 | 2.658 | 3.334 | 241.041 | 1.001 | 14.64 |
| 9/20/2018 5:00 | 1234800 | 26.05 | 16.865 | 59.377 | 4147.728 | 4910.703 | 2.657 | 3.339 | 241.096 | 1.001 | 14.638 |
| 9/20/2018 5:15 | 1235700 | 26.053 | 16.865 | 59.383 | 4149.386 | 4912.667 | 2.658 | 3.341 | 241 | 1.001 | 14.638 |
| 9/20/2018 5:30 | 1236600 | 26.054 | 16.865 | 59.385 | 4147.532 | 4910.472 | 2.657 | 3.339 | 241.107 | 1.001 | 14.634 |
| 9/20/2018 5:45 | 1237500 | 26.046 | 16.865 | 59.367 | 4147.411 | 4910.339 | 2.657 | 3.339 | 241.114 | 1.001 | 14.646 |
| 9/20/2018 6:00 | 1238400 | 26.049 | 16.866 | 59.374 | 4147.623 | 4910.521 | 2.657 | 3.339 | 241.102 | 1.001 | 14.643 |
| 9/20/2018 6:15 | 1239300 | 26.042 | 16.865 | 59.357 | 4146.256 | 4908.991 | 2.656 | 3.338 | 241.091 | 1.001 | 14.65 |
| 9/20/2018 6:30 | 1240200 | 26.052 | 16.866 | 59.381 | 4146.689 | 4909.464 | 2.656 | 3.338 | 241.156 | 1.001 | 14.642 |
| 9/20/2018 6:45 | 1241100 | 26.046 | 16.865 | 59.367 | 4146.261 | 4908.986 | 2.656 | 3.338 | 241.181 | 1.001 | 14.647 |
| 9/20/2018 7:00 | 1242000 | 26.044 | 16.866 | 59.362 | 4146.225 | 4908.904 | 2.656 | 3.338 | 241.183 | 1.001 | 14.653 |
| 9/20/2018 7:15 | 1242900 | 26.042 | 16.866 | 59.357 | 4145.675 | 4908.244 | 2.656 | 3.338 | 241.215 | 1.001 | 14.652 |
| 9/20/2018 7:30 | 1243800 | 26.046 | 16.866 | 59.366 | 4144.229 | 4906.542 | 2.655 | 3.336 | 241.299 | 1.001 | 14.655 |
| 9/20/2018 7:45 | 1244700 | 26.041 | 16.866 | 59.356 | 4145.583 | 4908.155 | 2.656 | 3.338 | 241.221 | 1.001 | 14.661 |
| 9/20/2018 8:00 | 1245600 | 26.045 | 16.866 | 59.365 | 4144.81 | 4907.239 | 2.655 | 3.337 | 241.266 | 1.001 | 14.661 |
| 9/20/2018 8:15 | 1246500 | 26.039 | 16.866 | 59.351 | 4144.73 | 4907.117 | 2.655 | 3.337 | 241.27 | 1.001 | 14.663 |
| 9/20/2018 8:30 | 1247400 | 26.04 | 16.866 | 59.353 | 4144.5 | 4906.873 | 2.655 | 3.337 | 241.284 | 1.001 | 14.662 |
| 9/20/2018 8:45 | 1248300 | 26.04 | 16.866 | 59.352 | 4143.876 | 4906.134 | 2.654 | 3.336 | 241.32 | 1.001 | 14.666 |
| 9/20/2018 9:00 | 1249200 | 26.039 | 16.866 | 59.351 | 4143.28 | 4905.39 | 2.654 | 3.336 | 241.355 | 1.001 | 14.665 |
| 9/20/2018 9:15 | 1250100 | 26.043 | 16.866 | 59.359 | 4143.753 | 4905.351 | 2.654 | 3.336 | 241.327 | 1.001 | 14.666 |
| 9/20/2018 9:30 | 1251000 | 26.04 | 16.866 | 59.354 | 4144.651 | 4907.012 | 2.655 | 3.337 | 241.375 | 1.001 | 14.664 |
| 9/20/2018 9:45 | 1251900 | 26.048 | 16.865 | 59.372 | 4144.122 | 4906.454 | 2.655 | 3.336 | 241.306 | 1.001 | 14.66 |
| 9/20/2018 10:00 | 1252800 | 26.039 | 16.865 | 59.352 | 4143.961 | 4906.254 | 2.654 | 3.336 | 241.315 | 1.001 | 14.667 |
| 9/20/2018 10:15 | 1253700 | 26.04 | 16.865 | 59.354 | 4144.174 | 4906.545 | 2.655 | 3.336 | 241.303 | 1.001 | 14.668 |
| 9/20/2018 10:30 | 1254600 | 26.04 | 16.865 | 59.352 | 4144.887 | 4907.37 | 2.655 | 3.337 | 241.261 | 1.001 | 14.668 |
| 9/20/2018 10:45 | 1255500 | 26.037 | 16.865 | 59.347 | 4144.179 | 4906.512 | 2.655 | 3.336 | 241.302 | 1.001 | 14.671 |
| 9/20/2018 11:00 | 1256400 | 26.041 | 16.866 | 59.355 | 4144.219 | 4906.53 | 2.655 | 3.336 | 241.3 | 1.001 | 14.669 |
| 9/20/2018 11:15 | 1257300 | 26.032 | 16.865 | 59.336 | 4143.536 | 4905.829 | 2.654 | 3.336 | 241.34 | 1.001 | 14.671 |
| 9/20/2018 11:30 | 1258200 | 26.048 | 16.866 | 59.37 | 4145.559 | 4908.126 | 2.656 | 3.338 | 241.222 | 1.001 | 14.662 |
| 9/20/2018 11:45 | 1259100 | 26.043 | 16.866 | 59.361 | 4144.91 | 4907.339 | 2.655 | 3.337 | 241.26 | 1.001 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 26.038 | 16.865 | 59.349 | 4145.315 | 4907.867 | 2.655 | 3.337 | 241.236 | 1.001 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 26.037 | 16.866 | 59.346 | 4145.856 | 4908.43 | 2.656 | 3.338 | 241.205 | 1.001 | 14.665 |
| 9/20/2018 12:30 | 1261800 | 26.039 | 16.866 | 59.339 | 4145.512 | 4908.651 | 2.655 | 3.337 | 241.225 | 1.001 | 14.669 |
| 9/20/2018 12:45 | 1262700 | 26.038 | 16.865 | 59.35 | 4146.509 | 4909.29 | 2.656 | 3.338 | 241.167 | 1.001 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 26.035 | 16.865 | 59.341 | 4145.619 | 4908.256 | 2.656 | 3.338 | 241.219 | 1.001 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 26.031 | 16.865 | 59.333 | 4146.572 | 4909.365 | 2.656 | 3.338 | 241.163 | 1.001 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 26.034 | 16.866 | 59.341 | 4147.38 | 4910.273 | 2.657 | 3.339 | 241.116 | 1.001 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 26.039 | 16.865 | 59.35 | 4146.755 | 4909.591 | 2.656 | 3.339 | 241.152 | 1.001 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 26.036 | 16.865 | 59.346 | 4146.46 | 4908.949 | 2.656 | 3.338 | 241.182 | 1.001 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 26.044 | 16.865 | 59.363 | 4147.592 | 4910.572 | 2.657 | 3.339 | 241.104 | 1.001 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 26.042 | 16.866 | 59.358 | 4147.671 | 4910.617 | 2.657 | 3.339 | 241.099 | 1.001 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 26.032 | 16.866 | 59.334 | 4147.476 | 4910.386 | 2.657 | 3.339 | 241.11 | 1.001 | 14.664 |
| 9/20/2018 15:00 | 1270800 | 26.038 | 16.865 | 59.35 | 4147.349 | 4910.305 | 2.657 | 3.339 | 241.118 | 1.001 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 26.044 | 16.866 | 59.362 | 4147.337 | 4910.221 | 2.657 | 3.339 | 241.119 | 1.001 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 26.037 | 16.865 | 59.357 | 4148.054 | 4911.08 | 2.657 | 3.34 | 241.077 | 1.001 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 26.038 | 16.865 | 59.348 | 4147.781 | 4910.786 | 2.657 | 3.339 | 241.093 | 1.001 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 26.04 | 16.865 | 59.354 | 4148.232 | 4911.32 | 2.657 | 3.34 | 241.067 | 1.001 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 26.04 | 16.866 | 59.354 | 4148.41 | 4911.501 | 2.657 | 3.34 | 241.056 | 1.001 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 26.034 | 16.865 | 59.339 | 4148.332 | 4911.438 | 2.657 | 3.34 | 241.061 | 1.001 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 26.042 | 16.865 | 59.357 | 4148.164 | 4911.25 | 2.657 | 3.34 | 241.071 | 1.001 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 26.036 | 16.865 | 59.344 | 4147.647 | 4910.638 | 2.657 | 3.339 | 241.113 | 1.001 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 26.04 | 16.865 | 59.353 | 4147.049 | 4909.959 | 2.657 | 3.339 | 241.135 | 1.001 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 26.038 | 16.865 | 59.348 | 4147.569 | 4910.555 | 2.657 | 3.339 | 241.105 | 1.001 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 26.036 | 16.866 | 59.345 | 4148.321 | 4911.338 | 2.657 | 3.34 | 241.061 | 1.001 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 26.037 | 16.866 | 59.346 | 4148.072 | 4911.063 | 2.657 | 3.34 | 241.076 | 1.001 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 26.042 | 16.865 | 59.359 | 4147.029 | 4909.906 | 2.657 | 3.339 | 241.136 | 1.001 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 26.035 | 16.865 | 59.341 | 4147.17 | 4910.093 | 2.657 | 3.339 | 241.128 | 1.001 | 14.66 |
| 9/20/2018 18:45 | 1284300 | 26.04 | 16.866 | 59.352 | 4147.049 | 4909.35 | 2.657 | 3.339 | 241.135 | 1.001 | 14.661 |
| 9/20/2018 19:00 | 1285200 | 26.042 | 16.866 | 59.357 | 4146.951 | 4909.774 | 2.656 | 3.339 | 241.141 | 1.001 | 14.658 |
| 9/20/2018 19:15 | 1286100 | 26.038 | 16.865 | 59.35 | 4146.173 | 4908.873 | 2.656 | 3.338 | 241.186 | 1.001 | 14.663 |
| 9/20/2018 19:30 | 1287000 | 26.034 | 16.865 | 59.34 | 4145.546 | 4908.171 | 2.656 | 3.338 | 241.223 | 1.001 | 14.664 |
| 9/20/2018 19:45 | 1287900 | | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/22/2018 3:30 | 1402200 | 26.036 | 16.866 | 59.343 | 4143.721 | 4905.892 | 2.654 | 3.336 | 241.329 | 1.001 | 14.713 |
| 9/22/2018 3:45 | 1403100 | 26.032 | 16.866 | 59.334 | 4144.156 | 4906.398 | 2.655 | 3.336 | 241.304 | 1.001 | 14.719 |
| 9/22/2018 4:00 | 1404000 | 26.03 | 16.865 | 59.329 | 4145.175 | 4907.681 | 2.655 | 3.337 | 241.244 | 1.001 | 14.715 |
| 9/22/2018 4:15 | 1404900 | 26.029 | 16.866 | 59.329 | 4144.972 | 4907.432 | 2.655 | 3.337 | 241.256 | 1.001 | 14.719 |
| 9/22/2018 4:30 | 1405800 | 26.037 | 16.865 | 59.346 | 4144.972 | 4907.511 | 2.655 | 3.337 | 241.256 | 1.001 | 14.720 |
| 9/22/2018 4:45 | 1406700 | 26.024 | 16.865 | 59.317 | 4144.594 | 4907.448 | 2.655 | 3.337 | 241.257 | 1.001 | 14.723 |
| 9/22/2018 5:00 | 1407600 | 26.025 | 16.865 | 59.32 | 4145.289 | 4907.854 | 2.655 | 3.337 | 241.238 | 1.001 | 14.718 |
| 9/22/2018 5:15 | 1408500 | 26.025 | 16.865 | 59.319 | 4144.853 | 4907.358 | 2.655 | 3.337 | 241.263 | 1.001 | 14.721 |
| 9/22/2018 5:30 | 1409400 | 26.034 | 16.865 | 59.341 | 4143.928 | 4906.244 | 2.654 | 3.336 | 241.317 | 1.001 | 14.716 |
| 9/22/2018 5:45 | 1410300 | 26.032 | 16.865 | 59.336 | 4143.808 | 4906.113 | 2.654 | 3.336 | 241.324 | 1.001 | 14.715 |
| 9/22/2018 6:00 | 1411200 | 26.034 | 16.865 | 59.34 | 4143.768 | 4906.015 | 2.654 | 3.336 | 241.326 | 1.001 | 14.715 |
| 9/22/2018 6:15 | 1412100 | 26.03 | 16.866 | 59.331 | 4143.579 | 4905.734 | 2.654 | 3.336 | 241.337 | 1.001 | 14.717 |
| 9/22/2018 6:30 | 1413000 | 26.029 | 16.865 | 59.327 | 4143.219 | 4905.365 | 2.654 | 3.336 | 241.358 | 1.001 | 14.72 |
| 9/22/2018 6:45 | 1413900 | 26.028 | 16.866 | 59.325 | 4142.833 | 4904.89 | 2.654 | 3.335 | 241.381 | 1.001 | 14.721 |
| 9/22/2018 7:00 | 1414800 | 26.029 | 16.865 | 59.327 | 4143.294 | 4905.504 | 2.654 | 3.336 | 241.354 | 1.001 | 14.72 |
| 9/22/2018 7:15 | 1415700 | 26.03 | 16.866 | 59.331 | 4143.537 | 4905.732 | 2.654 | 3.336 | 241.34 | 1.001 | 14.717 |
| 9/22/2018 7:30 | 1416600 | 26.025 | 16.865 | 59.319 | 4142.834 | 4904.91 | 2.654 | 3.335 | 241.381 | 1.001 | 14.726 |
| 9/22/2018 7:45 | 1417500 | 26.035 | 16.866 | 59.342 | 4142.874 | 4904.928 | 2.654 | 3.335 | 241.378 | 1.001 | 14.72 |
| 9/22/2018 8:00 | 1418400 | 26.032 | 16.866 | 59.339 | 4142.443 | 4904.417 | 2.653 | 3.335 | 241.403 | 1.001 | 14.721 |
| 9/22/2018 8:15 | 1419300 | 26.02 | 16.866 | 59.307 | 4142.133 | 4904.032 | 2.653 | 3.335 | 241.421 | 1.001 | 14.733 |
| 9/22/2018 8:30 | 1420200 | 26.034 | 16.865 | 59.339 | 4142 | 4903.942 | 2.653 | 3.335 | 241.429 | 1.001 | 14.722 |
| 9/22/2018 8:45 | 1421100 | 26.032 | 16.865 | 59.335 | 4141.612 | 4903.473 | 2.653 | 3.334 | 241.452 | 1.001 | 14.725 |
| 9/22/2018 9:00 | 1422000 | 26.029 | 16.866 | 59.329 | 4141.418 | 4903.224 | 2.653 | 3.334 | 241.463 | 1.001 | 14.726 |
| 9/22/2018 9:15 | 1422900 | 26.032 | 16.865 | 59.335 | 4141.01 | 4902.808 | 2.652 | 3.334 | 241.485 | 1.001 | 14.728 |
| 9/22/2018 9:30 | 1423800 | 26.025 | 16.866 | 59.319 | 4141.562 | 4903.394 | 2.653 | 3.334 | 241.455 | 1.001 | 14.732 |
| 9/22/2018 9:45 | 1424700 | 26.029 | 16.865 | 59.329 | 4141.803 | 4903.689 | 2.653 | 3.335 | 241.441 | 1.001 | 14.73 |
| 9/22/2018 10:00 | 1425600 | 26.025 | 16.865 | 59.32 | 4140.966 | 4902.708 | 2.652 | 3.334 | 241.49 | 1.001 | 14.735 |
| 9/22/2018 10:15 | 1426500 | 26.023 | 16.866 | 59.313 | 4141.069 | 4902.791 | 2.652 | 3.334 | 241.484 | 1.001 | 14.736 |
| 9/22/2018 10:30 | 1427400 | 26.029 | 16.866 | 59.327 | 4140.295 | 4901.875 | 2.652 | 3.333 | 241.529 | 1.001 | 14.732 |
| 9/22/2018 10:45 | 1428300 | 26.018 | 16.866 | 59.304 | 4140.907 | 4902.571 | 2.652 | 3.334 | 241.493 | 1.001 | 14.737 |
| 9/22/2018 11:00 | 1429200 | 26.024 | 16.866 | 59.317 | 4140.48 | 4902.35 | 2.652 | 3.334 | 241.526 | 1.001 | 14.732 |
| 9/22/2018 11:15 | 1430100 | 26.025 | 16.865 | 59.319 | 4142.245 | 4904.222 | 2.653 | 3.335 | 241.415 | 1.001 | 14.733 |
| 9/22/2018 11:30 | 1431000 | 26.025 | 16.865 | 59.319 | 4141.449 | 4903.29 | 2.653 | 3.334 | 241.461 | 1.001 | 14.731 |
| 9/22/2018 11:45 | 1431900 | 26.022 | 16.865 | 59.312 | 4143.297 | 4905.478 | 2.654 | 3.336 | 241.354 | 1.001 | 14.733 |
| 9/22/2018 12:00 | 1432800 | 26.028 | 16.866 | 59.326 | 4142.704 | 4904.747 | 2.654 | 3.335 | 241.388 | 1.001 | 14.732 |
| 9/22/2018 12:15 | 1433700 | 26.027 | 16.866 | 59.324 | 4143.085 | 4905.168 | 2.654 | 3.336 | 241.366 | 1.001 | 14.731 |
| 9/22/2018 12:30 | 1434600 | 26.022 | 16.866 | 59.312 | 4143.278 | 4905.042 | 2.654 | 3.335 | 241.373 | 1.001 | 14.734 |
| 9/22/2018 12:45 | 1435500 | 26.022 | 16.866 | 59.313 | 4142.948 | 4905.016 | 2.654 | 3.335 | 241.374 | 1.001 | 14.733 |
| 9/22/2018 13:00 | 1436400 | 26.033 | 16.866 | 59.337 | 4142.026 | 4903.905 | 2.653 | 3.335 | 241.428 | 1.001 | 14.722 |
| 9/22/2018 13:15 | 1437300 | 26.02 | 16.865 | 59.308 | 4142.964 | 4905.063 | 2.654 | 3.335 | 241.373 | 1.001 | 14.73 |
| 9/22/2018 13:30 | 1438200 | 26.029 | 16.866 | 59.329 | 4143.35 | 4905.5 | 2.654 | 3.336 | 241.351 | 1.001 | 14.726 |
| 9/22/2018 13:45 | 1439100 | 26.031 | 16.866 | 59.332 | 4144.037 | 4906.286 | 2.654 | 3.336 | 241.311 | 1.001 | 14.721 |
| 9/22/2018 14:00 | 1440000 | 26.029 | 16.865 | 59.327 | 4143.073 | 4905.231 | 2.654 | 3.336 | 241.367 | 1.001 | 14.721 |
| 9/22/2018 14:15 | 1440900 | 26.03 | 16.865 | 59.323 | 4143.612 | 4905.802 | 2.654 | 3.336 | 241.375 | 1.001 | 14.717 |
| 9/22/2018 14:30 | 1441800 | 26.028 | 16.865 | 59.326 | 4144.261 | 4906.648 | 2.655 | 3.337 | 241.298 | 1.001 | 14.716 |
| 9/22/2018 14:45 | 1442700 | 26.032 | 16.866 | 59.335 | 4144.829 | 4907.233 | 2.655 | 3.337 | 241.264 | 1.001 | 14.715 |
| 9/22/2018 15:00 | 1443600 | 26.026 | 16.865 | 59.322 | 4144.157 | 4906.515 | 2.655 | 3.336 | 241.304 | 1.001 | 14.714 |
| 9/22/2018 15:15 | 1444500 | 26.029 | 16.866 | 59.328 | 4144.494 | 4906.865 | 2.655 | 3.337 | 241.284 | 1.001 | 14.713 |
| 9/22/2018 15:30 | 1445400 | 26.036 | 16.865 | 59.344 | 4144.509 | 4906.903 | 2.655 | 3.337 | 241.283 | 1.001 | 14.712 |
| 9/22/2018 15:45 | 1446300 | 26.031 | 16.865 | 59.332 | 4144.21 | 4906.808 | 2.655 | 3.337 | 241.288 | 1.001 | 14.711 |
| 9/22/2018 16:00 | 1447200 | 26.032 | 16.865 | 59.334 | 4145.328 | 4907.892 | 2.655 | 3.337 | 241.235 | 1.001 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 26.029 | 16.866 | 59.328 | 4145.333 | 4907.858 | 2.655 | 3.337 | 241.235 | 1.001 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 26.025 | 16.865 | 59.319 | 4145.545 | 4908.148 | 2.656 | 3.338 | 241.223 | 1.001 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 26.022 | 16.865 | 59.312 | 4145.816 | 4908.49 | 2.656 | 3.338 | 241.207 | 1.001 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 26.038 | 16.865 | 59.348 | 4145.321 | 4907.884 | 2.655 | 3.337 | 241.236 | 1.001 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 26.035 | 16.865 | 59.342 | 4146.125 | 4908.825 | 2.656 | 3.338 | 241.189 | 1.001 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 26.028 | 16.865 | 59.325 | 4145.27 | 4907.793 | 2.655 | 3.337 | 241.239 | 1.001 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 26.03 | 16.865 | 59.33 | 4146.268 | 4909.053 | 2.656 | 3.338 | 241.181 | 1.001 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 26.028 | 16.866 | 59.326 | 4145.684 | 4908.264 | 2.656 | 3.338 | 241.215 | 1.001 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 26.034 | 16.865 | 59.34 | 4145.283 | 4907.879 | 2.655 | 3.337 | 241.238 | 1.001 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 26.032 | 16.865 | 59.335 | 4146.089 | 4908.803 | 2.656 | 3.338 | 241.191 | 1.001 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 26.035 | 16.865 | 59.342 | 4146.125 | 4908.825 | 2.656 | 3.338 | 241.184 | 1.001 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 26.034 | 16.865 | 59.339 | 4146.58 | 4909.354 | 2.656 | 3.338 | 241.163 | 1.001 | 14.695 |
| 9/22/2018 19:15 | 1458900 | 26.037 | 16.865 | 59.346 | 4147.039 | 4909.917 | 2.657 | 3.339 | 241.136 | 1.001 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 26.021 | 16.866 | 59.31 | 4146.666 | 4909.408 | 2.656 | 3.338 | 241.158 | 1.001 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 26.032 | 16.864 | 59.334 | 4146.511 | 4909.371 | 2.656 | 3.338 | 241.167 | 1.001 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 26.026 | 16.865 | 59.32 | 4146.703 | 4909.549 | 2.656 | 3.338 | 241.155 | 1.001 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 26.032 | 16.865 | 59.334 | 4146.32 | 4909.047 | 2.656 | 3.338 | 241.178 | 1.001 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 26.031 | 16.865 | 59.333 | 4145.779 | 4908.426 | 2.656 | 3.338 | 241.209 | 1.001 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 26.026 | 16.866 | 59.322 | 4146.3 | 4909.004 | 2.656 | 3.338 | 241.179 | 1.001 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 26.028 | 16.866 | 59.327 | 4145.77 | 4908.337 | 2.656 | 3.338 | 241.21 | 1.001 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 26.028 | 16.865 | 59.327 | 4146.082 | 4908.754 | 2.656 | 3.338 | 241.192 | 1.001 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 26.03 | 16.865 | 59.329 | 4146.59 | 4909.375 | 2.656 | 3.338 | 241.162 | 1.001 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 26.036 | 16.865 | 59.345 | 4145.59 | 4908.512 | 2.656 | 3.338 | 241.21 | 1.001 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 26.031 | 16.865 | 59.333 | 4146.563 | 4909.344 | 2.656 | 3.338 | 241.164 | 1.001 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 26.037 | 16.865 | 59.347 | 4145.542 | 4908.166 | 2.656 | 3.338 | 241.223 | 1.001 | 14.694 |
| 9/22/2018 22:30 | 1470600 | 26.031 | 16.865 | 59.334 | 4145.724 | 4908.409 | 2.656 | 3.338 | 241.212 | 1.001 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 26.027 | 16.865 | 59.324 | 4145.715 | 4908.379 | 2.656 | 3.338 | 241.213 | 1.001 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 26.033 | 16.866 | 59.337 | 4145.369 | 4907.901 | 2.655 | 3.337 | 241.233 | 1.001 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 26.04 | 16.865 | 59.353 | 4146.198 | 4908.922 | 2.656 | 3.338 | 241.185 | 1.001 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 26.035 | 16.866 | 59.342 | 4146.483 | 4909.22 | 2.656 | 3.338 | 241.166 | 1.001 | 14.691 |
| 9/22/2018 23:45 | 1475100 | 26.036 | 16.865 | 59.343 | 4146.708 | 4909.497 | 2.656 | 3.338 | 241.155 | 1.001 | 14.694 |
| 9/23/2018 0:00 | 1476000 | 26.033 | 16.865 | 59.337 | 4146.812 | 4909.658 | 2.656 | 3.339 | 241.149 | 1.001 | 14.695 |
| 9/23/2018 0:15 | 1476900 | 26.032 | 16.865 | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/24/2018 8:15 | 1592100 | 26:028 | 16:865 | 59:327 | 4145:411 | 4908:019 | 2:655 | 3:337 | 241:231 | 1:001 | 14:677 |
| 9/24/2018 8:30 | 1593000 | 26:035 | 16:865 | 59:342 | 4144:208 | 4906:547 | 2:655 | 3:336 | 241:301 | 1:001 | 14:671 |
| 9/24/2018 8:45 | 1593900 | 26:044 | 16:865 | 59:362 | 4145:769 | 4908:423 | 2:656 | 3:338 | 241:21 | 1:001 | 14:664 |
| 9/24/2018 9:00 | 1594800 | 26:033 | 16:865 | 59:338 | 4144:918 | 4907:475 | 2:655 | 3:337 | 241:259 | 1:001 | 14:676 |
| 9/24/2018 9:15 | 1595700 | 26:038 | 16:865 | 59:348 | 4144:544 | 4907:023 | 2:655 | 3:337 | 241:281 | 1:001 | 14:675 |
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| 9/24/2018 19:30 | 1632600 | 26:04 | 16:865 | 59:354 | 4147:287 | 4910:192 | 2:657 | 3:339 | 241:121 | 1:001 | 14:666 |
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| 9/25/2018 5:00 | 1666800 | 26:039 | 16:865 | 59:352 | 4144:473 | 4906:9 | 2:655 | 3:337 | 241:285 | 1:001 | 14:678 |
| 9/25/201 | | | | | | | | | | | |

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| 9/26/2018 13:00 | 1782000 | 26.023 | 16.865 | 59.313 | 4142.934 | 4905.038 | 2.654 | 3.335 | 241.375 | 1.001 | 14.731 |
| 9/26/2018 13:15 | 1782900 | 26.027 | 16.865 | 59.324 | 4142.574 | 4904.621 | 2.654 | 3.335 | 241.396 | 1.001 | 14.723 |
| 9/26/2018 13:30 | 1783800 | 26.019 | 16.865 | 59.306 | 4142.186 | 4904.152 | 2.653 | 3.335 | 241.418 | 1.001 | 14.73 |
| 9/26/2018 13:45 | 1784700 | 26.023 | 16.865 | 59.314 | 4142.208 | 4904.178 | 2.653 | 3.335 | 241.417 | 1.001 | 14.724 |
| 9/26/2018 14:00 | 1785600 | 26.016 | 16.865 | 59.298 | 4143.804 | 4906.078 | 2.654 | 3.336 | 241.324 | 1.001 | 14.723 |
| 9/26/2018 14:15 | 1786500 | 26.025 | 16.866 | 59.318 | 4143.54 | 4905.735 | 2.654 | 3.336 | 241.34 | 1.001 | 14.724 |
| 9/26/2018 14:30 | 1787400 | 26.02 | 16.865 | 59.307 | 4143.023 | 4905.403 | 2.654 | 3.336 | 241.37 | 1.001 | 14.724 |
| 9/26/2018 14:45 | 1788300 | 26.027 | 16.865 | 59.323 | 4143.35 | 4905.52 | 2.654 | 3.336 | 241.351 | 1.001 | 14.722 |
| 9/26/2018 15:00 | 1789200 | 26.026 | 16.866 | 59.321 | 4143.14 | 4905.263 | 2.654 | 3.336 | 241.363 | 1.001 | 14.719 |
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| 9/26/2018 15:30 | 1791000 | 26.031 | 16.866 | 59.332 | 4143.228 | 4905.367 | 2.654 | 3.336 | 241.358 | 1.001 | 14.716 |
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| 9/26/2018 16:00 | 1792800 | 26.025 | 16.865 | 59.32 | 4142.919 | 4905.1 | 2.654 | 3.335 | 241.376 | 1.001 | 14.723 |
| 9/26/2018 16:15 | 1793700 | 26.025 | 16.865 | 59.318 | 4144.169 | 4906.51 | 2.655 | 3.336 | 241.303 | 1.001 | 14.723 |
| 9/26/2018 16:30 | 1794600 | 26.019 | 16.866 | 59.306 | 4143.134 | 4905.236 | 2.654 | 3.336 | 241.363 | 1.001 | 14.721 |
| 9/26/2018 16:45 | 1795500 | 26.027 | 16.865 | 59.325 | 4142.068 | 4904.022 | 2.653 | 3.335 | 241.425 | 1.001 | 14.717 |
| 9/26/2018 17:00 | 1796400 | 26.028 | 16.865 | 59.325 | 4142.086 | 4904.044 | 2.653 | 3.335 | 241.424 | 1.001 | 14.72 |
| 9/26/2018 17:15 | 1797300 | 26.03 | 16.866 | 59.33 | 4142.317 | 4904.289 | 2.653 | 3.335 | 241.417 | 1.001 | 14.718 |
| 9/26/2018 17:30 | 1798200 | 26.022 | 16.865 | 59.314 | 4142.52 | 4905.498 | 2.654 | 3.335 | 241.353 | 1.001 | 14.726 |
| 9/26/2018 17:45 | 1799100 | 26.023 | 16.865 | 59.315 | 4142.573 | 4904.601 | 2.653 | 3.335 | 241.396 | 1.001 | 14.725 |
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| 9/26/2018 18:30 | 1801800 | 26.025 | 16.865 | 59.32 | 4142.444 | 4904.458 | 2.653 | 3.335 | 241.403 | 1.001 | 14.722 |
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| 9/26/2018 19:00 | 1803600 | 26.023 | 16.866 | 59.314 | 4142.52 | 4904.556 | 2.653 | 3.335 | 241.397 | 1.001 | 14.727 |
| 9/26/2018 19:15 | 1804500 | 26.012 | 16.866 | 59.29 | 4143.386 | 4905.543 | 2.654 | 3.336 | 241.349 | 1.001 | 14.73 |
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| 9/26/2018 19:45 | 1806300 | 26.027 | 16.866 | 59.324 | 4142.385 | 4904.368 | 2.653 | 3.335 | 241.407 | 1.001 | 14.718 |
| 9/26/2018 20:00 | 1807200 | 26.027 | 16.866 | 59.323 | 4142.049 | 4903.961 | 2.653 | 3.335 | 241.426 | 1.001 | 14.72 |
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| 9/26/2018 20:30 | 1809000 | 26.025 | 16.865 | 59.319 | 4142.38 | 4904.994 | 2.654 | 3.335 | 241.378 | 1.001 | 14.724 |
| 9/26/2018 20:45 | 1809900 | 26.025 | 16.866 | 59.32 | 4142.557 | 4904.562 | 2.653 | 3.335 | 241.397 | 1.001 | 14.723 |
| 9/26/2018 21:00 | 1810800 | 26.023 | 16.865 | 59.315 | 4142.982 | 4905.125 | 2.654 | 3.335 | 241.372 | 1.001 | 14.722 |
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| 9/26/2018 21:30 | 1812600 | 26.027 | 16.866 | 59.324 | 4141.347 | 4903.12 | 2.653 | 3.334 | 241.467 | 1.001 | 14.719 |
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| 9/26/2018 23:00 | 1818000 | 26.02 | 16.865 | 59.307 | 4142.296 | 4904.273 | 2.653 | 3.335 | 241.412 | 1.001 | 14.724 |
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| 9/26/2018 23:45 | 1820700 | 26.024 | 16.866 | 59.314 | 4141.861 | 4903.835 | 2.653 | 3.335 | 241.437 | 1.001 | 14.715 |
| 9/27/2018 00:00 | 1821600 | 26.019 | 16.866 | 59.304 | 4142.628 | 4904.608 | 2.654 | 3.335 | 241.393 | 1.001 | 14.724 |
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| 9/27/2018 00:30 | 1823400 | 26.023 | 16.866 | 59.314 | 4142.323 | 4904.276 | 2.653 | 3.335 | 241.41 | 1.001 | 14.715 |
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| 9/27/2018 01:45 | 1827900 | 26.032 | 16.865 | 59.334 | 4142.208 | 4904.197 | 2.653 | 3.335 | 241.417 | 1.001 | 14.707 |
| 9/27/2018 02:00 | 1828800 | 26.028 | 16.865 | 59.326 | 4143.541 | 4905.747 | 2.654 | 3.336 | 241.339 | 1.001 | 14.706 |
| 9/27/2018 02:15 | 1829700 | 26.03 | 16.866 | 59.33 | 4143.132 | 4905.253 | 2.654 | 3.336 | 241.363 | 1.001 | 14.705 |
| 9/27/2018 02:30 | 1830600 | 26.034 | 16.865 | 59.34 | 4144.608 | 4907.01 | 2.655 | 3.337 | 241.277 | 1.001 | 14.701 |
| 9/27/2018 02:45 | 1831500 | 26.025 | 16.866 | 59.316 | 4143.715 | 4905.895 | 2.654 | 3.336 | 241.329 | 1.001 | 14.706 |
| 9/27/2018 03:00 | 1832400 | 26.029 | 16.865 | 59.329 | 4143.609 | 4905.827 | 2.654 | 3.336 | 241.336 | 1.001 | 14.706 |
| 9/27/2018 03:15 | 1833300 | 26.023 | 16.865 | 59.314 | 4143.535 | 4905.759 | 2.654 | 3.336 | 241.34 | 1.001 | 14.706 |
| 9/27/2018 03:30 | 1834200 | 26.024 | 16.865 | 59.317 | 4143.031 | 4905.182 | 2.654 | 3.336 | 241.369 | 1.001 | 14.706 |
| 9/27/2018 03:45 | 1835100 | 26.03 | 16.866 | 59.33 | 4144.237 | 4906.532 | 2.655 | 3.336 | 241.299 | 1.001 | 14.705 |
| 9/27/2018 04:00 | 1836000 | 26.029 | 16.865 | 59.328 | 4143.82 | 4906.106 | 2.654 | 3.336 | 241.293 | 1.001 | 14.702 |
| 9/27/2018 04:15 | 1836900 | 26.025 | 16.866 | 59.316 | 4143.715 | 4906.556 | 2.655 | 3.336 | 241.3 | 1.001 | 14.7 |
| 9/27/2018 04:30 | 1837800 | 26.025 | 16.865 | 59.319 | 4143.711 | 4905.948 | 2.654 | 3.336 | 241.33 | 1.001 | 14.706 |
| 9/27/2018 04:45 | 1838700 | 26.028 | 16.865 | 59.327 | 4144.556 | 4906.968 | 2.655 | 3.337 | 241.28 | 1.001 | 14.702 |
| 9/27/2018 05:00 | 1839600 | 26.029 | 16.866 | 59.329 | 4144.452 | 4906.796 | 2.655 | 3.337 | 241.286 | 1.001 | 14.702 |
| 9/27/2018 05:15 | 1840500 | 26.025 | 16.865 | 59.319 | 4144.154 | 4906.542 | 2.655 | 3.336 | 241.304 | 1.001 | 14.706 |
| 9/27/2018 05:30 | 1841400 | 26.027 | 16.866 | 59.323 | 4144.521 | 4906.887 | 2.655 | 3.337 | 241.282 | 1.001 | 14.7 |
| 9/27/2018 05:45 | 1842300 | 26.025 | 16.866 | 59.316 | 4143.814 | 4906.08 | 2.654 | 3.336 | 241.324 | 1.001 | 14.708 |
| 9/27/2018 06:00 | 1843200 | 26.029 | 16.865 | 59.328 | 4144.616 | 4907.069 | 2.655 | 3.337 | 241.277 | 1.001 | 14.699 |
| 9/27/2018 06:15 | 1844100 | 26.037 | 16.865 | 59.346 | 4143.978 | 4906.293 | 2.654 | 3.336 | 241.314 | 1.001 | 14.701 |
| 9/27/2018 06:30 | 1845000 | 26.016 | 16.866 | 59.299 | 4144.517 | 4906.893 | 2.655 | 3.337 | 241.283 | 1.001 | 14.712 |
| 9/27/2018 06:45 | 1845900 | 26.025 | 16.866 | 59.319 | 4144.319 | 4906.658 | 2.655 | 3.337 | 241.294 | 1.001 | 14.708 |
| 9/27/2018 07:00 | 1846800 | 26.033 | 16.865 | 59.337 | 4143.511 | 4905.781 | 2.654 | 3.336 | 241.341 | 1.001 | 14.705 |
| 9/27/2018 07:15 | 1847700 | 26.027 | 16.865 | 59.311 | 4143.452 | 4905.991 | 2.654 | 3.336 | 241.345 | 1.001 | 14.706 |
| 9/27/2018 07:30 | 1848600 | 26.025 | 16.866 | 59.318 | 4144.099 | 4906.369 | 2.655 | 3.336 | 241.307 | 1.001 | 14.71 |
| 9/27/2018 07:45 | 1849500 | 26.03 | 16.865 | 59.33 | 4143.459 | 4905.669 | 2.654 | 3.336 | 241.344 | 1.001 | 14.714 |
| 9/27/2018 08:00 | 1850400 | 26.027 | 16.866 | 59.323 | 4144.276 | 4906.588 | 2.655 | 3.336 | 241.297 | 1.001 | 14.711 |
| 9/27/2018 08:15 | 1851300 | 26.022 | 16.865 | 59.312 | 4143.026 | 4905.147 | 2.654 | 3.336 | 241.369 | 1.001 | 14.718 |
| 9/27/2018 08:30 | 1852200 | 26.031 | 16.865 | 59.333 | 4142.139 | 4904.126 | 2.653 | 3.335 | 241.421 | 1.001 | 14.711 |
| 9/27/2018 08:45 | 1853100 | 26.025 | 16.866 | 59.32 | 4142.473 | 4904.472 | 2.653 | 3.335 | 241.402 | 1.001 | 14.715 |
| 9/27/2018 09:00 | 1854000 | 26.024 | 16.866 | 59.316 | 4141.401 | 4903.213 | 2.653 | 3.334 | 241.464 | 1.001 | 14.716 |
| 9/27/2018 09:15 | 1854900 | 26.021 | 16.865 | 59.31 | 4141.63 | 4903.563 | 2.653 | 3.334 | 241.451 | 1.001 | 14.72 |
| 9/27/2018 09:30 | 1855800 | 26.026 | 16.866 | 59.321 | 4142.542 | 4904.526 | 2.653 | 3.335 | 241.398 | 1.001 | 14.722 |
| 9/27/2018 09:45 | 1856700 | 26.021 | | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/28/2018 17:45 | 1971900 | 26.026 | 16.865 | 59.322 | 4146.62 | 4909.431 | 2.656 | 3.338 | 241.16 | 1.001 | 14.661 |
| 9/28/2018 18:00 | 1972800 | 26.031 | 16.865 | 59.332 | 4146.533 | 4909.289 | 2.656 | 3.338 | 241.165 | 1.001 | 14.658 |
| 9/28/2018 18:15 | 1973700 | 26.035 | 16.865 | 59.341 | 4146.774 | 4909.633 | 2.656 | 3.339 | 241.151 | 1.001 | 14.657 |
| 9/28/2018 18:30 | 1974600 | 26.031 | 16.865 | 59.334 | 4146.51 | 4909.271 | 2.656 | 3.338 | 241.167 | 1.001 | 14.66 |
| 9/28/2018 18:45 | 1975500 | 26.033 | 16.865 | 59.338 | 4145.804 | 4908.456 | 2.656 | 3.338 | 241.208 | 1.001 | 14.658 |
| 9/28/2018 19:00 | 1976400 | 26.035 | 16.866 | 59.343 | 4145.771 | 4908.377 | 2.656 | 3.338 | 241.21 | 1.001 | 14.657 |
| 9/28/2018 19:15 | 1977300 | 26.037 | 16.865 | 59.344 | 4146.111 | 4908.8 | 2.656 | 3.338 | 241.19 | 1.001 | 14.66 |
| 9/28/2018 19:30 | 1978200 | 26.033 | 16.866 | 59.338 | 4145.992 | 4908.619 | 2.656 | 3.338 | 241.197 | 1.001 | 14.661 |
| 9/28/2018 19:45 | 1979100 | 26.036 | 16.865 | 59.343 | 4146.145 | 4908.888 | 2.656 | 3.338 | 241.188 | 1.001 | 14.657 |
| 9/28/2018 20:00 | 1980000 | 26.027 | 16.865 | 59.324 | 4145.517 | 4908.164 | 2.656 | 3.338 | 241.224 | 1.001 | 14.664 |
| 9/28/2018 20:15 | 1980900 | 26.035 | 16.865 | 59.341 | 4145.299 | 4907.878 | 2.655 | 3.337 | 241.237 | 1.001 | 14.662 |
| 9/28/2018 20:30 | 1981800 | 26.032 | 16.865 | 59.335 | 4144.954 | 4907.508 | 2.655 | 3.337 | 241.257 | 1.001 | 14.666 |
| 9/28/2018 20:45 | 1982700 | 26.029 | 16.866 | 59.319 | 4144.566 | 4906.922 | 2.655 | 3.337 | 241.28 | 1.001 | 14.67 |
| 9/28/2018 21:00 | 1983600 | 26.028 | 16.865 | 59.327 | 4144.27 | 4906.628 | 2.655 | 3.337 | 241.297 | 1.001 | 14.658 |
| 9/28/2018 21:15 | 1984500 | 26.03 | 16.865 | 59.329 | 4143.563 | 4905.783 | 2.654 | 3.336 | 241.338 | 1.001 | 14.667 |
| 9/28/2018 21:30 | 1985400 | 26.027 | 16.865 | 59.322 | 4143.073 | 4905.211 | 2.654 | 3.336 | 241.367 | 1.001 | 14.672 |
| 9/28/2018 21:45 | 1986300 | 26.036 | 16.865 | 59.345 | 4143.152 | 4905.296 | 2.654 | 3.336 | 241.362 | 1.001 | 14.663 |
| 9/28/2018 22:00 | 1987200 | 26.027 | 16.866 | 59.324 | 4143.363 | 4905.527 | 2.654 | 3.336 | 241.35 | 1.001 | 14.668 |
| 9/28/2018 22:15 | 1988100 | 26.026 | 16.865 | 59.326 | 4143.499 | 4905.698 | 2.654 | 3.336 | 241.342 | 1.001 | 14.67 |
| 9/28/2018 22:30 | 1989000 | 26.032 | 16.865 | 59.336 | 4143.732 | 4906.012 | 2.654 | 3.336 | 241.328 | 1.001 | 14.668 |
| 9/28/2018 22:45 | 1989900 | 26.024 | 16.865 | 59.317 | 4144.111 | 4906.432 | 2.655 | 3.336 | 241.306 | 1.001 | 14.675 |
| 9/28/2018 23:00 | 1990800 | 26.027 | 16.865 | 59.323 | 4143.012 | 4905.14 | 2.654 | 3.335 | 241.37 | 1.001 | 14.672 |
| 9/28/2018 23:15 | 1991700 | 26.018 | 16.865 | 59.303 | 4143.422 | 4905.616 | 2.654 | 3.336 | 241.346 | 1.001 | 14.68 |
| 9/28/2018 23:30 | 1992600 | 26.038 | 16.866 | 59.348 | 4142.764 | 4904.759 | 2.654 | 3.335 | 241.385 | 1.001 | 14.665 |
| 9/28/2018 23:45 | 1993500 | 26.032 | 16.866 | 59.335 | 4142.334 | 4904.309 | 2.653 | 3.335 | 241.41 | 1.001 | 14.669 |
| 9/29/2018 00:00 | 1994400 | 26.031 | 16.866 | 59.332 | 4142.737 | 4904.775 | 2.654 | 3.335 | 241.386 | 1.001 | 14.674 |
| 9/29/2018 00:15 | 1995300 | 26.024 | 16.865 | 59.316 | 4142.276 | 4904.249 | 2.653 | 3.335 | 241.413 | 1.001 | 14.68 |
| 9/29/2018 00:30 | 1996200 | 26.026 | 16.865 | 59.321 | 4142.056 | 4903.989 | 2.653 | 3.335 | 241.426 | 1.001 | 14.675 |
| 9/29/2018 00:45 | 1997100 | 26.033 | 16.865 | 59.337 | 4142.735 | 4904.812 | 2.654 | 3.335 | 241.386 | 1.001 | 14.672 |
| 9/29/2018 01:00 | 1998000 | 26.027 | 16.865 | 59.325 | 4142.127 | 4904.131 | 2.653 | 3.335 | 241.422 | 1.001 | 14.674 |
| 9/29/2018 01:15 | 1998900 | 26.023 | 16.865 | 59.314 | 4142.338 | 4904.095 | 2.653 | 3.335 | 241.421 | 1.001 | 14.675 |
| 9/29/2018 01:30 | 1999800 | 26.027 | 16.866 | 59.324 | 4142.368 | 4904.329 | 2.653 | 3.335 | 241.408 | 1.001 | 14.672 |
| 9/29/2018 01:45 | 2000700 | 26.023 | 16.865 | 59.315 | 4142.479 | 4904.529 | 2.653 | 3.335 | 241.401 | 1.001 | 14.677 |
| 9/29/2018 2:00 | 2001600 | 26.029 | 16.866 | 59.328 | 4143.688 | 4905.891 | 2.654 | 3.336 | 241.331 | 1.001 | 14.675 |
| 9/29/2018 2:15 | 2002500 | 26.026 | 16.865 | 59.321 | 4143.951 | 4906.242 | 2.654 | 3.336 | 241.316 | 1.001 | 14.673 |
| 9/29/2018 2:30 | 2003400 | 26.03 | 16.865 | 59.329 | 4142.041 | 4903.98 | 2.653 | 3.335 | 241.427 | 1.001 | 14.675 |
| 9/29/2018 2:45 | 2004300 | 26.031 | 16.866 | 59.309 | 4142.791 | 4904.809 | 2.654 | 3.335 | 241.383 | 1.001 | 14.679 |
| 9/29/2018 3:00 | 2005200 | 26.027 | 16.865 | 59.323 | 4143.222 | 4905.438 | 2.654 | 3.336 | 241.358 | 1.001 | 14.675 |
| 9/29/2018 3:15 | 2006100 | 26.034 | 16.866 | 59.339 | 4141.794 | 4903.669 | 2.653 | 3.334 | 241.441 | 1.001 | 14.672 |
| 9/29/2018 3:30 | 2007000 | 26.036 | 16.866 | 59.343 | 4142.849 | 4904.859 | 2.654 | 3.335 | 241.38 | 1.001 | 14.665 |
| 9/29/2018 3:45 | 2007900 | 26.016 | 16.865 | 59.298 | 4142.396 | 4904.429 | 2.653 | 3.335 | 241.406 | 1.001 | 14.678 |
| 9/29/2018 4:00 | 2008800 | 26.026 | 16.865 | 59.322 | 4144.125 | 4906.458 | 2.655 | 3.336 | 241.305 | 1.001 | 14.671 |
| 9/29/2018 4:15 | 2009700 | 26.031 | 16.865 | 59.332 | 4143.401 | 4905.581 | 2.654 | 3.336 | 241.348 | 1.001 | 14.668 |
| 9/29/2018 4:30 | 2010600 | 26.033 | 16.866 | 59.337 | 4143.513 | 4905.723 | 2.654 | 3.336 | 241.414 | 1.001 | 14.666 |
| 9/29/2018 4:45 | 2011500 | 26.021 | 16.866 | 59.31 | 4143.87 | 4906.107 | 2.654 | 3.336 | 241.32 | 1.001 | 14.676 |
| 9/29/2018 5:00 | 2012400 | 26.031 | 16.865 | 59.333 | 4143.124 | 4905.303 | 2.654 | 3.336 | 241.364 | 1.001 | 14.67 |
| 9/29/2018 5:15 | 2013300 | 26.034 | 16.866 | 59.341 | 4144.104 | 4906.404 | 2.655 | 3.336 | 241.307 | 1.001 | 14.671 |
| 9/29/2018 5:30 | 2014200 | 26.029 | 16.865 | 59.327 | 4142.256 | 4904.244 | 2.653 | 3.335 | 241.414 | 1.001 | 14.674 |
| 9/29/2018 5:45 | 2015100 | 26.028 | 16.865 | 59.326 | 4142.485 | 4904.336 | 2.653 | 3.335 | 241.401 | 1.001 | 14.676 |
| 9/29/2018 6:00 | 2016000 | 26.023 | 16.866 | 59.314 | 4142.257 | 4904.217 | 2.653 | 3.335 | 241.414 | 1.001 | 14.68 |
| 9/29/2018 6:15 | 2016900 | 26.034 | 16.865 | 59.34 | 4141.436 | 4903.304 | 2.653 | 3.334 | 241.462 | 1.001 | 14.676 |
| 9/29/2018 6:30 | 2017800 | 26.025 | 16.865 | 59.319 | 4141.453 | 4903.313 | 2.653 | 3.334 | 241.461 | 1.001 | 14.684 |
| 9/29/2018 6:45 | 2018700 | 26.026 | 16.865 | 59.322 | 4140.924 | 4902.648 | 2.652 | 3.334 | 241.492 | 1.001 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 26.025 | 16.866 | 59.318 | 4141.108 | 4902.847 | 2.652 | 3.334 | 241.481 | 1.001 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 26.025 | 16.866 | 59.319 | 4141.503 | 4903.296 | 2.653 | 3.334 | 241.458 | 1.001 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 26.025 | 16.866 | 59.319 | 4142.197 | 4904.127 | 2.653 | 3.335 | 241.418 | 1.001 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 26.028 | 16.866 | 59.326 | 4141.698 | 4903.556 | 2.653 | 3.334 | 241.447 | 1.001 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 26.024 | 16.866 | 59.317 | 4142.011 | 4903.926 | 2.653 | 3.335 | 241.429 | 1.001 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 26.025 | 16.865 | 59.32 | 4141.967 | 4903.883 | 2.653 | 3.335 | 241.431 | 1.001 | 14.692 |
| 9/29/2018 8:30 | 2025000 | 26.023 | 16.865 | 59.314 | 4141.719 | 4903.639 | 2.653 | 3.334 | 241.446 | 1.001 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 26.022 | 16.866 | 59.313 | 4141.342 | 4903.086 | 2.653 | 3.334 | 241.468 | 1.001 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 26.022 | 16.865 | 59.311 | 4142.295 | 4903.107 | 2.653 | 3.334 | 241.418 | 1.001 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 26.016 | 16.865 | 59.299 | 4140.968 | 4902.701 | 2.652 | 3.334 | 241.489 | 1.001 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 26.02 | 16.866 | 59.307 | 4140.543 | 4902.168 | 2.652 | 3.333 | 241.514 | 1.001 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 26.025 | 16.865 | 59.319 | 4140 | 4901.584 | 2.652 | 3.333 | 241.546 | 1.001 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 26.024 | 16.865 | 59.317 | 4140.592 | 4902.255 | 2.652 | 3.334 | 241.511 | 1.001 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 26.026 | 16.865 | 59.321 | 4140.038 | 4901.628 | 2.652 | 3.333 | 241.544 | 1.001 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 26.028 | 16.866 | 59.303 | 4139.284 | 4900.707 | 2.651 | 3.332 | 241.588 | 1.001 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 26.018 | 16.866 | 59.304 | 4140.013 | 4901.541 | 2.652 | 3.333 | 241.545 | 1.001 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 26.025 | 16.865 | 59.319 | 4139.771 | 4901.332 | 2.652 | 3.333 | 241.559 | 1.001 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 26.019 | 16.866 | 59.305 | 4140.666 | 4902.314 | 2.652 | 3.334 | 241.507 | 1.001 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 26.022 | 16.865 | 59.311 | 4140.543 | 4902.267 | 2.652 | 3.334 | 241.514 | 1.001 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 26.026 | 16.865 | 59.321 | 4140.799 | 4902.53 | 2.652 | 3.334 | 241.499 | 1.001 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 26.02 | 16.866 | 59.307 | 4141.208 | 4902.936 | 2.652 | 3.334 | 241.475 | 1.001 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 26.023 | 16.865 | 59.316 | 4141.501 | 4903.361 | 2.653 | 3.334 | 241.458 | 1.001 | 14.692 |
| 9/29/2018 12:30 | 2039400 | 26.02 | 16.865 | 59.308 | 4142.263 | 4904.253 | 2.653 | 3.335 | 241.414 | 1.001 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 26.014 | 16.865 | 59.294 | 4143.214 | 4905.37 | 2.654 | 3.336 | 241.359 | 1.001 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 26.022 | 16.865 | 59.313 | 4143.2 | 4905.342 | 2.654 | 3.336 | 241.359 | 1.001 | 14.69 |
| 9/29/2018 13:15 | 2042100 | 26.024 | 16.864 | 59.316 | 4142.854 | 4905.041 | 2.654 | 3.335 | 241.379 | 1.001 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 26.024 | 16.866 | 59.317 | 4142.696 | 4904.786 | 2.654 | 3.335 | 241.389 | 1.001 | 14.686 |
| 9/29/2018 13:45 | 2043900 | 26.023 | 16.865 | 59.315 | 4143.503 | 4905.693 | 2.654 | 3.336 | 241.342 | 1.001 | 14.69 |
| 9/29/2018 14:00 | 2044800 | 26.024 | 16.866 | 59.316 | 4143.784 | 4906.024 | 2.654 | 3.336 | 241.325 | 1.001 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 26.022 | 16.866 | 59.312 | 4143.924 | 4906.18 | 2.654 | 3.336 | 241.317 | 1.001 | 14.686 |
| 9/29/2018 14:30 | 2046600 | 26.023 | 16.865 | | | | | | | | |

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|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 9/30/2018 22:30 | 2161800 | 26.021 | 16.866 | 59.311 | 4141.114 | 4902.845 | 2.652 | 3.334 | 241.481 | 1.001 | 14.669 |
| 9/30/2018 22:45 | 2162700 | 26.022 | 16.865 | 59.311 | 4141.719 | 4903.639 | 2.653 | 3.334 | 241.446 | 1.001 | 14.667 |
| 9/30/2018 23:00 | 2163600 | 26.019 | 16.865 | 59.304 | 4140.858 | 4902.609 | 2.652 | 3.334 | 241.496 | 1.001 | 14.672 |
| 9/30/2018 23:15 | 2164500 | 26.021 | 16.866 | 59.31 | 4140.565 | 4902.156 | 2.652 | 3.333 | 241.513 | 1.001 | 14.669 |
| 9/30/2018 23:30 | 2165400 | 26.025 | 16.866 | 59.319 | 4141.48 | 4903.297 | 2.653 | 3.334 | 241.46 | 1.001 | 14.666 |
| 9/30/2018 23:45 | 2166300 | 26.022 | 16.865 | 59.312 | 4140.96 | 4902.71 | 2.652 | 3.334 | 241.49 | 1.001 | 14.671 |
| 10/1/2018 0:00 | 2167200 | 26.019 | 16.866 | 59.306 | 4141.256 | 4903.042 | 2.653 | 3.334 | 241.473 | 1.001 | 14.672 |
| 10/1/2018 0:15 | 2168100 | 26.017 | 16.865 | 59.3 | 4140.602 | 4902.336 | 2.652 | 3.334 | 241.511 | 1.001 | 14.673 |
| 10/1/2018 0:30 | 2169000 | 26.02 | 16.866 | 59.307 | 4140.973 | 4902.658 | 2.652 | 3.334 | 241.489 | 1.001 | 14.67 |
| 10/1/2018 0:45 | 2169900 | 26.02 | 16.865 | 59.308 | 4141.208 | 4903.034 | 2.653 | 3.334 | 241.475 | 1.001 | 14.672 |
| 10/1/2018 1:00 | 2170800 | 26.022 | 16.865 | 59.311 | 4141.363 | 4903.208 | 2.653 | 3.334 | 241.466 | 1.001 | 14.671 |
| 10/1/2018 1:15 | 2171700 | 26.027 | 16.866 | 59.324 | 4140.421 | 4901.996 | 2.652 | 3.333 | 241.521 | 1.001 | 14.671 |
| 10/1/2018 1:30 | 2172600 | 26.019 | 16.865 | 59.305 | 4140.899 | 4902.628 | 2.652 | 3.334 | 241.493 | 1.001 | 14.675 |
| 10/1/2018 1:45 | 2173500 | 26.019 | 16.865 | 59.306 | 4141.305 | 4903.109 | 2.653 | 3.334 | 241.47 | 1.001 | 14.676 |
| 10/1/2018 2:00 | 2174400 | 26.018 | 16.865 | 59.302 | 4140.148 | 4901.74 | 2.652 | 3.333 | 241.537 | 1.001 | 14.675 |
| 10/1/2018 2:15 | 2175300 | 26.017 | 16.865 | 59.301 | 4140.818 | 4902.562 | 2.652 | 3.334 | 241.498 | 1.001 | 14.677 |
| 10/1/2018 2:30 | 2176200 | 26.027 | 16.865 | 59.324 | 4140.864 | 4902.596 | 2.652 | 3.334 | 241.496 | 1.001 | 14.67 |
| 10/1/2018 2:45 | 2177100 | 26.014 | 16.866 | 59.293 | 4140.602 | 4902.258 | 2.652 | 3.334 | 241.511 | 1.001 | 14.668 |
| 10/1/2018 3:00 | 2178000 | 26.02 | 16.865 | 59.308 | 4140.296 | 4901.823 | 2.652 | 3.335 | 241.536 | 1.001 | 14.668 |
| 10/1/2018 3:15 | 2178900 | 26.016 | 16.865 | 59.297 | 4139.853 | 4901.399 | 2.652 | 3.333 | 241.554 | 1.001 | 14.674 |
| 10/1/2018 3:30 | 2179800 | 26.022 | 16.866 | 59.312 | 4141.552 | 4903.372 | 2.653 | 3.334 | 241.455 | 1.001 | 14.667 |
| 10/1/2018 3:45 | 2180700 | 26.017 | 16.865 | 59.3 | 4142.042 | 4903.991 | 2.653 | 3.335 | 241.427 | 1.001 | 14.671 |
| 10/1/2018 4:00 | 2181600 | 26.024 | 16.865 | 59.317 | 4141.114 | 4902.874 | 2.653 | 3.334 | 241.481 | 1.001 | 14.663 |
| 10/1/2018 4:15 | 2182500 | 26.022 | 16.865 | 59.313 | 4141.44 | 4903.289 | 2.653 | 3.334 | 241.462 | 1.001 | 14.667 |
| 10/1/2018 4:30 | 2183400 | 26.022 | 16.866 | 59.312 | 4141.935 | 4903.787 | 2.653 | 3.335 | 241.433 | 1.001 | 14.663 |
| 10/1/2018 4:45 | 2184300 | 26.021 | 16.866 | 59.31 | 4141.812 | 4903.68 | 2.653 | 3.335 | 241.44 | 1.001 | 14.663 |
| 10/1/2018 5:00 | 2185200 | 26.02 | 16.865 | 59.309 | 4141.247 | 4903.06 | 2.653 | 3.334 | 241.473 | 1.001 | 14.667 |
| 10/1/2018 5:15 | 2186100 | 26.018 | 16.866 | 59.303 | 4141.987 | 4903.849 | 2.653 | 3.335 | 241.43 | 1.001 | 14.669 |
| 10/1/2018 5:30 | 2187000 | 26.019 | 16.866 | 59.305 | 4142.315 | 4904.286 | 2.653 | 3.335 | 241.411 | 1.001 | 14.672 |
| 10/1/2018 5:45 | 2187900 | 26.016 | 16.866 | 59.298 | 4141.338 | 4903.1 | 2.653 | 3.334 | 241.468 | 1.001 | 14.673 |
| 10/1/2018 6:00 | 2188800 | 26.024 | 16.865 | 59.317 | 4141.146 | 4902.93 | 2.653 | 3.334 | 241.479 | 1.001 | 14.669 |
| 10/1/2018 6:15 | 2189700 | 26.018 | 16.865 | 59.303 | 4140.883 | 4902.629 | 2.652 | 3.334 | 241.494 | 1.001 | 14.672 |
| 10/1/2018 6:30 | 2190600 | 26.031 | 16.865 | 59.332 | 4141.11 | 4902.878 | 2.653 | 3.334 | 241.481 | 1.001 | 14.667 |
| 10/1/2018 6:45 | 2191500 | 26.025 | 16.865 | 59.32 | 4141.118 | 4902.907 | 2.653 | 3.334 | 241.481 | 1.001 | 14.671 |
| 10/1/2018 7:00 | 2192400 | 26.021 | 16.866 | 59.309 | 4140.384 | 4901.99 | 2.652 | 3.333 | 241.523 | 1.001 | 14.677 |
| 10/1/2018 7:15 | 2193300 | 26.011 | 16.866 | 59.288 | 4139.952 | 4901.43 | 2.652 | 3.333 | 241.549 | 1.001 | 14.685 |
| 10/1/2018 7:30 | 2194200 | 26.011 | 16.865 | 59.302 | 4139.883 | 4901.478 | 2.652 | 3.333 | 241.552 | 1.001 | 14.683 |
| 10/1/2018 7:45 | 2195100 | 26.008 | 16.865 | 59.28 | 4139.841 | 4901.376 | 2.652 | 3.333 | 241.555 | 1.001 | 14.689 |
| 10/1/2018 8:00 | 2196000 | 26.017 | 16.865 | 59.301 | 4138.618 | 4899.937 | 2.651 | 3.332 | 241.627 | 1.001 | 14.686 |
| 10/1/2018 8:15 | 2196900 | 26.019 | 16.865 | 59.306 | 4138.37 | 4899.663 | 2.651 | 3.332 | 241.641 | 1.001 | 14.685 |
| 10/1/2018 8:30 | 2197800 | 26.012 | 16.866 | 59.288 | 4137.46 | 4898.528 | 2.65 | 3.331 | 241.694 | 1.001 | 14.689 |
| 10/1/2018 8:45 | 2198700 | 26.024 | 16.866 | 59.317 | 4137.807 | 4898.919 | 2.65 | 3.331 | 241.674 | 1.001 | 14.682 |
| 10/1/2018 9:00 | 2199600 | 26.009 | 16.865 | 59.282 | 4138.146 | 4899.37 | 2.65 | 3.332 | 241.654 | 1.001 | 14.687 |
| 10/1/2018 9:15 | 2200500 | 26.015 | 16.865 | 59.296 | 4138.204 | 4899.457 | 2.651 | 3.332 | 241.651 | 1.001 | 14.688 |
| 10/1/2018 9:30 | 2201400 | 26.012 | 16.865 | 59.29 | 4138.021 | 4899.211 | 2.65 | 3.331 | 241.661 | 1.001 | 14.689 |
| 10/1/2018 9:45 | 2202300 | 26.021 | 16.866 | 59.31 | 4139.812 | 4901.302 | 2.652 | 3.333 | 241.557 | 1.001 | 14.677 |
| 10/1/2018 10:00 | 2203200 | 26.021 | 16.865 | 59.311 | 4139.288 | 4900.73 | 2.651 | 3.332 | 241.587 | 1.001 | 14.677 |
| 10/1/2018 10:15 | 2204100 | 26.018 | 16.866 | 59.302 | 4140.636 | 4902.279 | 2.652 | 3.334 | 241.509 | 1.001 | 14.681 |
| 10/1/2018 10:30 | 2205000 | 26.023 | 16.865 | 59.315 | 4140.651 | 4902.403 | 2.652 | 3.334 | 241.508 | 1.001 | 14.677 |
| 10/1/2018 10:45 | 2205900 | 26.013 | 16.865 | 59.292 | 4140.862 | 4902.575 | 2.652 | 3.334 | 241.496 | 1.001 | 14.679 |
| 10/1/2018 11:00 | 2206800 | 26.017 | 16.865 | 59.301 | 4141.267 | 4903.084 | 2.653 | 3.334 | 241.472 | 1.001 | 14.675 |
| 10/1/2018 11:15 | 2207700 | 26.018 | 16.866 | 59.304 | 4140.515 | 4902.154 | 2.652 | 3.333 | 241.516 | 1.001 | 14.678 |
| 10/1/2018 11:30 | 2208600 | 26.025 | 16.865 | 59.32 | 4141.966 | 4903.901 | 2.653 | 3.335 | 241.431 | 1.001 | 14.671 |
| 10/1/2018 11:45 | 2209500 | 26.02 | 16.865 | 59.307 | 4141.782 | 4903.693 | 2.653 | 3.335 | 241.442 | 1.001 | 14.672 |
| 10/1/2018 12:00 | 2210400 | 26.022 | 16.866 | 59.312 | 4143.167 | 4905.294 | 2.654 | 3.336 | 241.361 | 1.001 | 14.667 |
| 10/1/2018 12:15 | 2211300 | 26.021 | 16.865 | 59.309 | 4143.091 | 4905.253 | 2.654 | 3.336 | 241.366 | 1.001 | 14.665 |
| 10/1/2018 12:30 | 2212200 | 26.019 | 16.865 | 59.304 | 4143.175 | 4905.333 | 2.654 | 3.336 | 241.361 | 1.001 | 14.662 |
| 10/1/2018 12:45 | 2213100 | 26.017 | 16.866 | 59.301 | 4143.788 | 4906.03 | 2.654 | 3.336 | 241.325 | 1.001 | 14.658 |
| 10/1/2018 13:00 | 2214000 | 26.02 | 16.865 | 59.308 | 4143.685 | 4905.936 | 2.654 | 3.336 | 241.321 | 1.001 | 14.657 |
| 10/1/2018 13:15 | 2214900 | 26.022 | 16.865 | 59.312 | 4144.146 | 4906.502 | 2.655 | 3.336 | 241.304 | 1.001 | 14.655 |
| 10/1/2018 13:30 | 2215800 | 26.019 | 16.865 | 59.306 | 4144.859 | 4907.326 | 2.655 | 3.337 | 241.263 | 1.001 | 14.655 |
| 10/1/2018 13:45 | 2216700 | 26.015 | 16.866 | 59.296 | 4145.28 | 4906.906 | 2.655 | 3.337 | 241.289 | 1.001 | 14.652 |
| 10/1/2018 14:00 | 2217600 | 26.022 | 16.865 | 59.312 | 4144.623 | 4907.097 | 2.655 | 3.337 | 241.276 | 1.001 | 14.649 |
| 10/1/2018 14:15 | 2218500 | 26.02 | 16.865 | 59.307 | 4145.394 | 4907.959 | 2.655 | 3.337 | 241.232 | 1.001 | 14.646 |
| 10/1/2018 14:30 | 2219400 | 26.027 | 16.865 | 59.323 | 4145.244 | 4907.763 | 2.655 | 3.337 | 241.24 | 1.001 | 14.644 |
| 10/1/2018 14:45 | 2220300 | 26.025 | 16.866 | 59.319 | 4145.099 | 4907.534 | 2.655 | 3.337 | 241.249 | 1.001 | 14.643 |
| 10/1/2018 15:00 | 2221200 | 26.018 | 16.865 | 59.302 | 4145.808 | 4908.459 | 2.656 | 3.338 | 241.208 | 1.001 | 14.644 |
| 10/1/2018 15:15 | 2222100 | 26.01 | 16.865 | 59.301 | 4145.77 | 4908.453 | 2.656 | 3.338 | 241.21 | 1.001 | 14.644 |
| 10/1/2018 15:30 | 2223000 | 26.025 | 16.865 | 59.318 | 4145.257 | 4907.828 | 2.655 | 3.337 | 241.24 | 1.001 | 14.642 |
| 10/1/2018 15:45 | 2223900 | 26.021 | 16.865 | 59.31 | 4144.794 | 4907.289 | 2.655 | 3.337 | 241.267 | 1.001 | 14.638 |
| 10/1/2018 16:00 | 2224800 | 26.021 | 16.865 | 59.31 | 4146.223 | 4908.941 | 2.656 | 3.338 | 241.183 | 1.001 | 14.639 |
| 10/1/2018 16:15 | 2225700 | 26.019 | 16.865 | 59.306 | 4908.744 | 4908.744 | 2.656 | 3.338 | 241.196 | 1.001 | 14.64 |
| 10/1/2018 16:30 | 2226600 | 26.022 | 16.865 | 59.313 | 4145.576 | 4908.226 | 2.656 | 3.338 | 241.221 | 1.001 | 14.637 |
| 10/1/2018 16:45 | 2227500 | 26.021 | 16.865 | 59.305 | 4146.017 | 4908.778 | 2.656 | 3.338 | 241.195 | 1.001 | 14.638 |
| 10/1/2018 17:00 | 2228400 | 26.023 | 16.865 | 59.314 | 4146.08 | 4908.752 | 2.656 | 3.338 | 241.192 | 1.001 | 14.64 |
| 10/1/2018 17:15 | 2229300 | 26.029 | 16.865 | 59.327 | 4145.441 | 4908.055 | 2.655 | 3.337 | 241.229 | 1.001 | 14.632 |
| 10/1/2018 17:30 | 2230200 | 26.025 | 16.866 | 59.32 | 4145.509 | 4908.067 | 2.655 | 3.337 | 241.225 | 1.001 | 14.635 |
| 10/1/2018 17:45 | 2231100 | 26.02 | 16.865 | 59.309 | 4145.052 | 4907.575 | 2.655 | 3.337 | 241.251 | 1.001 | 14.641 |
| 10/1/2018 18:00 | 2232000 | 26.027 | 16.865 | 59.323 | 4143.898 | 4906.199 | 2.654 | 3.336 | 241.319 | 1.001 | 14.631 |
| 10/1/2018 18:15 | 2232900 | 26.022 | 16.866 | 59.313 | 4145.25 | 4907.742 | 2.655 | 3.337 | 241.24 | 1.001 | 14.639 |
| 10/1/2018 18:30 | 2233800 | 26.02 | 16.865 | 59.308 | 4144.561 | 4906.993 | 2.655 | 3.337 | 241.28 | 1.001 | 14.636 |
| 10/1/2018 18:45 | 2234700 | 26.023 | 16.865 | 59.315 | 4144.078 | 4906.393 | 2.655 | 3.336 | 241.308 | 1.001 | 14.63 |
| 10/1/2018 19:00 | 2235600 | 26.022 | 16.865 | 59.313 | 4144.004 | 4906.295 | 2.654 | 3.336 | 241.312 | 1.001 | 14.634 |
| 10/1/2018 19:15 | 2236500 | 26.022 | 16.865 | 59.313 | 4144.536 | 4906. | | | | | |

| | | | | | | | | | | | |
|-----------------|---------|--------|--------|--------|----------|----------|-------|-------|---------|-------|--------|
| 10/3/2018 3:15 | 2351700 | 26.014 | 16.865 | 59.295 | 4140.282 | 4901.908 | 2.652 | 3.333 | 241.529 | 1.001 | 14.666 |
| 10/3/2018 3:30 | 2352600 | 26.019 | 16.865 | 59.305 | 4140.852 | 4902.592 | 2.652 | 3.334 | 241.496 | 1.001 | 14.666 |
| 10/3/2018 3:45 | 2353500 | 26.014 | 16.865 | 59.294 | 4141.205 | 4903.02 | 2.653 | 3.334 | 241.476 | 1.001 | 14.669 |
| 10/3/2018 4:00 | 2354400 | 26.02 | 16.865 | 59.308 | 4141.379 | 4903.226 | 2.653 | 3.334 | 241.465 | 1.001 | 14.665 |
| 10/3/2018 4:15 | 2355300 | 26.016 | 16.865 | 59.297 | 4141.456 | 4903.278 | 2.653 | 3.334 | 241.461 | 1.001 | 14.663 |
| 10/3/2018 4:30 | 2356200 | 26.013 | 16.865 | 59.292 | 4142.189 | 4904.196 | 2.653 | 3.335 | 241.418 | 1.001 | 14.665 |
| 10/3/2018 4:45 | 2357100 | 26.018 | 16.865 | 59.303 | 4141.514 | 4903.366 | 2.653 | 3.334 | 241.458 | 1.001 | 14.658 |
| 10/3/2018 5:00 | 2358000 | 26.014 | 16.865 | 59.295 | 4142.496 | 4904.539 | 2.653 | 3.335 | 241.4 | 1.001 | 14.666 |
| 10/3/2018 5:15 | 2358900 | 26.017 | 16.865 | 59.302 | 4141.622 | 4903.503 | 2.653 | 3.334 | 241.451 | 1.001 | 14.665 |
| 10/3/2018 5:30 | 2359800 | 26.025 | 16.865 | 59.32 | 4142.058 | 4904.049 | 2.653 | 3.335 | 241.426 | 1.001 | 14.661 |
| 10/3/2018 5:45 | 2360700 | 26.013 | 16.865 | 59.293 | 4141.156 | 4902.942 | 2.653 | 3.334 | 241.478 | 1.001 | 14.667 |
| 10/3/2018 6:00 | 2361600 | 26.011 | 16.866 | 59.287 | 4141.558 | 4903.39 | 2.653 | 3.334 | 241.455 | 1.001 | 14.668 |
| 10/3/2018 6:15 | 2362500 | 26.013 | 16.866 | 59.292 | 4140.621 | 4902.27 | 2.652 | 3.334 | 241.51 | 1.001 | 14.667 |
| 10/3/2018 6:30 | 2363400 | 26.014 | 16.865 | 59.293 | 4140.104 | 4901.688 | 2.652 | 3.333 | 241.54 | 1.001 | 14.666 |
| 10/3/2018 6:45 | 2364300 | 26.027 | 16.865 | 59.325 | 4140.962 | 4902.723 | 2.652 | 3.334 | 241.49 | 1.001 | 14.653 |
| 10/3/2018 7:00 | 2365200 | 26.01 | 16.866 | 59.284 | 4140.614 | 4902.253 | 2.652 | 3.334 | 241.51 | 1.001 | 14.671 |
| 10/3/2018 7:15 | 2366100 | 26.013 | 16.865 | 59.292 | 4141.412 | 4903.236 | 2.653 | 3.334 | 241.464 | 1.001 | 14.668 |
| 10/3/2018 7:30 | 2367000 | 26.023 | 16.865 | 59.313 | 4141.414 | 4903.257 | 2.653 | 3.334 | 241.463 | 1.001 | 14.664 |
| 10/3/2018 7:45 | 2367900 | 26.012 | 16.865 | 59.289 | 4140.995 | 4902.762 | 2.652 | 3.334 | 241.488 | 1.001 | 14.677 |
| 10/3/2018 8:00 | 2368800 | 26.011 | 16.865 | 59.287 | 4141.029 | 4902.812 | 2.652 | 3.334 | 241.486 | 1.001 | 14.673 |
| 10/3/2018 8:15 | 2369700 | 26.022 | 16.865 | 59.311 | 4139.553 | 4901.044 | 2.651 | 3.333 | 241.572 | 1.001 | 14.669 |
| 10/3/2018 8:30 | 2370600 | 26.009 | 16.866 | 59.284 | 4139.399 | 4900.805 | 2.651 | 3.333 | 241.581 | 1.001 | 14.675 |
| 10/3/2018 8:45 | 2371500 | 26.012 | 16.866 | 59.289 | 4139.58 | 4901.047 | 2.651 | 3.333 | 241.57 | 1.001 | 14.674 |
| 10/3/2018 9:00 | 2372400 | 26.017 | 16.865 | 59.301 | 4138.4 | 4899.679 | 2.651 | 3.332 | 241.639 | 1.001 | 14.675 |
| 10/3/2018 9:15 | 2373300 | 26.014 | 16.865 | 59.294 | 4139.512 | 4900.987 | 2.651 | 3.333 | 241.574 | 1.001 | 14.678 |
| 10/3/2018 9:30 | 2374200 | 26.008 | 16.866 | 59.281 | 4139.07 | 4900.444 | 2.651 | 3.332 | 241.6 | 1.001 | 14.685 |
| 10/3/2018 9:45 | 2375100 | 26.021 | 16.866 | 59.31 | 4139.19 | 4900.576 | 2.651 | 3.332 | 241.593 | 1.001 | 14.676 |
| 10/3/2018 10:00 | 2376000 | 26.012 | 16.865 | 59.289 | 4138.091 | 4899.294 | 2.65 | 3.332 | 241.657 | 1.001 | 14.682 |
| 10/3/2018 10:15 | 2376900 | 26.02 | 16.865 | 59.307 | 4137.958 | 4899.186 | 2.65 | 3.331 | 241.665 | 1.001 | 14.676 |
| 10/3/2018 10:30 | 2377800 | 26.015 | 16.865 | 59.296 | 4138.877 | 4900.294 | 2.651 | 3.332 | 241.611 | 1.001 | 14.68 |
| 10/3/2018 10:45 | 2378700 | 26.011 | 16.865 | 59.287 | 4139.956 | 4901.541 | 2.652 | 3.333 | 241.548 | 1.001 | 14.684 |
| 10/3/2018 11:00 | 2379600 | 26.015 | 16.865 | 59.297 | 4139.193 | 4900.668 | 2.651 | 3.332 | 241.593 | 1.001 | 14.679 |
| 10/3/2018 11:15 | 2380500 | 26.016 | 16.866 | 59.298 | 4139.448 | 4900.833 | 2.651 | 3.333 | 241.578 | 1.001 | 14.683 |
| 10/3/2018 11:30 | 2381400 | 26.011 | 16.865 | 59.286 | 4138.974 | 4900.378 | 2.651 | 3.332 | 241.606 | 1.001 | 14.688 |
| 10/3/2018 11:45 | 2382300 | 26.012 | 16.865 | 59.288 | 4139.821 | 4901.352 | 2.652 | 3.333 | 241.556 | 1.001 | 14.685 |
| 10/3/2018 12:00 | 2383200 | 26.012 | 16.865 | 59.29 | 4139.599 | 4901.089 | 2.651 | 3.333 | 241.569 | 1.001 | 14.681 |
| 10/3/2018 12:15 | 2384100 | 26.015 | 16.865 | 59.296 | 4138.519 | 4899.811 | 2.651 | 3.332 | 241.632 | 1.001 | 14.684 |
| 10/3/2018 12:30 | 2385000 | 26.014 | 16.865 | 59.294 | 4139.684 | 4901.18 | 2.652 | 3.332 | 241.564 | 1.001 | 14.681 |
| 10/3/2018 12:45 | 2385900 | 26.015 | 16.865 | 59.297 | 4141.159 | 4903.004 | 2.653 | 3.334 | 241.478 | 1.001 | 14.682 |
| 10/3/2018 13:00 | 2386800 | 26.018 | 16.865 | 59.303 | 4141.285 | 4903.075 | 2.653 | 3.334 | 241.471 | 1.001 | 14.672 |
| 10/3/2018 13:15 | 2387700 | 26.015 | 16.865 | 59.295 | 4140.927 | 4902.652 | 2.652 | 3.334 | 241.492 | 1.001 | 14.675 |
| 10/3/2018 13:30 | 2388600 | 26.014 | 16.866 | 59.294 | 4141.294 | 4903.067 | 2.653 | 3.334 | 241.47 | 1.001 | 14.675 |
| 10/3/2018 13:45 | 2389500 | 26.018 | 16.865 | 59.303 | 4141.862 | 4903.809 | 2.653 | 3.335 | 241.437 | 1.001 | 14.671 |
| 10/3/2018 14:00 | 2390400 | 26.016 | 16.866 | 59.298 | 4142.346 | 4904.212 | 2.653 | 3.335 | 241.409 | 1.001 | 14.671 |
| 10/3/2018 14:15 | 2391300 | 26.013 | 16.866 | 59.292 | 4143.733 | 4905.965 | 2.654 | 3.336 | 241.328 | 1.001 | 14.67 |
| 10/3/2018 14:30 | 2392200 | 26.023 | 16.866 | 59.315 | 4143.662 | 4905.88 | 2.654 | 3.336 | 241.32 | 1.001 | 14.663 |
| 10/3/2018 14:45 | 2393100 | 26.015 | 16.866 | 59.296 | 4143.851 | 4906.094 | 2.654 | 3.336 | 241.321 | 1.001 | 14.671 |
| 10/3/2018 15:00 | 2394000 | 26.012 | 16.865 | 59.29 | 4142.847 | 4904.964 | 2.654 | 3.335 | 241.38 | 1.001 | 14.668 |
| 10/3/2018 15:15 | 2394900 | 26.021 | 16.865 | 59.311 | 4143.28 | 4905.457 | 2.654 | 3.336 | 241.355 | 1.001 | 14.665 |
| 10/3/2018 15:30 | 2395800 | 26.018 | 16.866 | 59.304 | 4143.038 | 4905.103 | 2.654 | 3.335 | 241.369 | 1.001 | 14.662 |
| 10/3/2018 15:45 | 2396700 | 26.022 | 16.865 | 59.312 | 4143.655 | 4905.901 | 2.654 | 3.336 | 241.333 | 1.001 | 14.661 |
| 10/3/2018 16:00 | 2397600 | 26.017 | 16.865 | 59.3 | 4144.319 | 4906.687 | 2.655 | 3.337 | 241.294 | 1.001 | 14.663 |
| 10/3/2018 16:15 | 2398500 | 26.02 | 16.865 | 59.307 | 4143.632 | 4905.874 | 2.654 | 3.336 | 241.334 | 1.001 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 26.023 | 16.866 | 59.315 | 4144.087 | 4906.384 | 2.655 | 3.336 | 241.308 | 1.001 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 26.021 | 16.866 | 59.31 | 4144.896 | 4907.342 | 2.655 | 3.337 | 241.261 | 1.001 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 26.013 | 16.865 | 59.291 | 4144.621 | 4907.095 | 2.655 | 3.337 | 241.277 | 1.001 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 26.022 | 16.866 | 59.312 | 4143.842 | 4906.083 | 2.654 | 3.336 | 241.322 | 1.001 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 26.016 | 16.865 | 59.299 | 4144.259 | 4906.616 | 2.655 | 3.336 | 241.298 | 1.001 | 14.663 |
| 10/3/2018 17:45 | 2403900 | 26.011 | 16.865 | 59.287 | 4143.016 | 4905.183 | 2.654 | 3.336 | 241.37 | 1.001 | 14.666 |
| 10/3/2018 18:00 | 2404800 | 26.017 | 16.866 | 59.3 | 4142.669 | 4904.695 | 2.654 | 3.335 | 241.39 | 1.001 | 14.666 |
| 10/3/2018 18:15 | 2405700 | 26.018 | 16.865 | 59.303 | 4142.438 | 4904.48 | 2.653 | 3.335 | 241.404 | 1.001 | 14.663 |
| 10/3/2018 18:30 | 2406600 | 26.016 | 16.865 | 59.299 | 4142.687 | 4904.746 | 2.654 | 3.335 | 241.389 | 1.001 | 14.668 |
| 10/3/2018 18:45 | 2407500 | 26.01 | 16.865 | 59.286 | 4142.16 | 4904.181 | 2.653 | 3.335 | 241.42 | 1.001 | 14.676 |
| 10/3/2018 19:00 | 2408400 | 26.014 | 16.866 | 59.295 | 4141.791 | 4903.646 | 2.653 | 3.334 | 241.441 | 1.001 | 14.671 |
| 10/3/2018 19:15 | 2409300 | 26.019 | 16.865 | 59.305 | 4141.362 | 4903.206 | 2.653 | 3.334 | 241.466 | 1.001 | 14.673 |
| 10/3/2018 19:30 | 2410200 | 26.011 | 16.865 | 59.286 | 4140.934 | 4902.699 | 2.652 | 3.334 | 241.491 | 1.001 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 26.018 | 16.865 | 59.302 | 4141.772 | 4903.653 | 2.653 | 3.334 | 241.443 | 1.001 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 26.015 | 16.864 | 59.295 | 4140.974 | 4902.854 | 2.652 | 3.334 | 241.489 | 1.001 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 26.011 | 16.865 | 59.287 | 4140.046 | 4901.639 | 2.652 | 3.333 | 241.543 | 1.001 | 14.686 |
| 10/3/2018 20:30 | 2413800 | 26.013 | 16.866 | 59.292 | 4140.729 | 4902.369 | 2.652 | 3.334 | 241.503 | 1.001 | 14.683 |
| 10/3/2018 20:45 | 2414700 | 26.009 | 16.865 | 59.283 | 4140.451 | 4902.117 | 2.652 | 3.333 | 241.52 | 1.001 | 14.689 |
| 10/3/2018 21:00 | 2415600 | 26.012 | 16.865 | 59.289 | 4139.267 | 4900.716 | 2.651 | 3.332 | 241.589 | 1.001 | 14.688 |
| 10/3/2018 21:15 | 2416500 | 26.013 | 16.865 | 59.292 | 4140.131 | 4901.738 | 2.652 | 3.333 | 241.538 | 1.001 | 14.688 |
| 10/3/2018 21:30 | 2417400 | 26.02 | 16.865 | 59.307 | 4139.014 | 4900.436 | 2.651 | 3.332 | 241.603 | 1.001 | 14.685 |
| 10/3/2018 21:45 | 2418300 | 26.013 | 16.865 | 59.291 | 4140.119 | 4901.734 | 2.652 | 3.333 | 241.539 | 1.001 | 14.688 |
| 10/3/2018 22:00 | 2419200 | 26.016 | 16.865 | 59.299 | 4140.064 | 4901.689 | 2.652 | 3.333 | 241.542 | 1.001 | 14.69 |
| 10/3/2018 22:15 | 2420100 | 26.008 | 16.865 | 59.279 | 4139.893 | 4901.438 | 2.652 | 3.333 | 241.552 | 1.001 | 14.695 |
| 10/3/2018 22:30 | 2421000 | 26.015 | 16.865 | 59.295 | 4139.146 | 4900.582 | 2.651 | 3.332 | 241.596 | 1.001 | 14.692 |
| 10/3/2018 22:45 | 2421900 | 26.009 | 16.866 | 59.282 | 4138.619 | 4899.899 | 2.651 | 3.332 | 241.627 | 1.001 | 14.699 |
| 10/3/2018 23:00 | 2422800 | 26.012 | 16.866 | 59.29 | 4139.632 | 4901.109 | 2.651 | 3.333 | 241.567 | 1.001 | 14.699 |
| 10/3/2018 23:15 | 2423700 | 26.01 | 16.865 | 59.284 | 4139.324 | 4900.783 | 2.651 | 3.333 | 241.585 | 1.001 | 14.701 |
| 10/3/2018 23:30 | 2424600 | 26.02 | 16.866 | 59.307 | 4139.206 | 4900.576 | 2.651 | 3.332 | 241.592 | 1.001 | 14.697 |
| 10/3/2018 23:45 | 2425500 | 26.004 | 16.866 | 59.271 | 4137.833 | 4898.98 | 2.65 | 3.331 | 241.672 | 1.001 | 14.705 |

Report Date: 10/8/2018 13:16
 Report User Name: WMassoll
 Report Computer Name: WKST52
 Application: WinSitu.exe
 Application Version: 5.6.27.1

Log File Properties
 File Name: MPWSP TSW Trans 2_2018-10-04_16-04-38-854-BaroMerge.wsl
 Create Date: 10/8/2018 13:10

Device Properties
 Device: Aqua TROLL 200
 Site: MPWSP TSW Trans 2
 Device Name:
 Serial Number: 512173
 Firmware Version: 2.01
 Hardware Version: 4
 Device Address: 1
 Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
 Used Memory: 0
 Used Battery: 8

Log Configuration
 Log Name: MPWSP TSW Trans 2
 Created By: AVanHaltsma
 Computer Name: TABLET003
 Application: WinSitu.exe
 Application Version: 5.6.27.1
 Create Date: 3/20/2018 3:27:35 PM Pacific Daylight Time
 Log Setup Time Zone: Pacific Daylight Time
 Notes Size(bytes): 4096
 Overwrite when full: Enabled
 Scheduled Start Time: 3/20/2018 3:45:00 PM Pacific Daylight Time
 Scheduled Stop Time: No Stop Time
 Type: Linear
 Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
 Level Measurement Mode: Depth: 1.024
 Specific Gravity:

Other Log Settings

Depth of Probe: 33.0791 (ft)
 Head Pressure: 14.6849 (PSI)
 Temperature: 17.2425 (C)
 Specific Conductivity Model: Standard Methods
 Reference Temperature: 25
 Temperature Coefficient: 0.0191
 TDS Factor: 0.68

Log Notes:

Date and Time Note
 3/20/2018 15:27 Used Battery: 8% Used Memory: 3% User Name: AVanHaltsma
 3/20/2018 16:53 Log Download - Used Battery: 8% Used Memory: 3% User Name: WMassoll Interval - Start Time: 3/20/2018 3:45:00 PM Stop Time: 3/20/2018 4:45:00 PM
 3/22/2018 11:25 Log Download - Used Battery: 8% Used Memory: 3% User Name: AVanHaltsma Interval - Start Time: 3/20/2018 3:45:00 PM Stop Time: 3/22/2018 12:15:00 PM
 4/19/2018 14:30 Log Download - Used Battery: 9% Used Memory: 6% User Name: WMassoll Interval - Start Time: 3/20/2018 10:00:00 PM Stop Time: 4/19/2018 2:30:00 PM
 5/17/2018 12:10 Log Download - Used Battery: 11% Used Memory: 9% User Name: AVanHaltsma Interval - Start Time: 4/18/2018 10:00:00 PM Stop Time: 5/17/2018 1:00:00 PM
 6/14/2018 13:36 Log Download - Used Battery: 12% Used Memory: 12% User Name: AVanHaltsma Interval - Start Time: 5/16/2018 10:00:00 PM Stop Time: 6/14/2018 2:30:00 PM
 7/12/2018 12:13 Log Download - Used Battery: 14% Used Memory: 15% User Name: AVanHaltsma Interval - Start Time: 6/13/2018 10:00:00 PM Stop Time: 7/12/2018 1:00:00 PM
 8/9/2018 17:31 Log Download - Used Battery: 15% Used Memory: 18% User Name: WMassoll Interval - Start Time: 7/11/2018 10:00:00 PM Stop Time: 8/9/2018 6:30:00 PM
 9/7/2018 9:50 Log Download - Used Battery: 17% Used Memory: 21% User Name: WMassoll Interval - Start Time: 8/8/2018 10:00:00 PM Stop Time: 9/7/2018 11:15:00 AM
 10/4/2018 15:55 Log Download - Used Battery: 17% Used Memory: 25% User Name: WMassoll Interval - Start Time: 9/5/2018 10:00:00 PM Stop Time: 10/4/2018 5:45:00 PM
 10/8/2018 13:10 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-10-05_15-48-09-951.wsl""

Log Data:
 Record Count: 2760

Sensors: 2
 1 512173 PCTD 100 PSIA (60.1m/197.3ft)
 2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(A) 197.3ft SNW: 512173 Pressure (PSI) | Sensor: PCTD(A) 197.3ft SNW: 512173 Temperature (C) | Sensor: PCTD(A) 197.3ft SNW: 512173 Depth (ft) | Sensor: PCTD(A) 197.3ft SNW: 512173 Actual Conductivity (µS/cm) | Sensor: PCTD(A) 197.3ft SNW: 512173 Specific Conductivity (µS/cm) Corrected | Sensor: PCTD(A) 197.3ft SNW: 512173 Salinity (PSU) | Sensor: PCTD(A) 197.3ft SNW: 512173 Total Dissolved Solids (ppt) | Sensor: PCTD(A) 197.3ft SNW: 512173 Resistivity (ohm-cm) | Sensor: PCTD(A) 197.3ft SNW: 512173 Water Density (g/cm3) | Sensor: Baro-Adj Calc SNW: 000000 Barometric Pressure (PSI) |
|----------------|----------------------|--|---|--|---|--|--|--|--|---|---|
| 9/6/2018 0:00 | 7200 | 26.548 | 15.795 | 59.803 | 32668.484 | 39637.57 | 25.365 | 26.954 | 30.611 | 1.018 | 14.747 |
| 9/6/2018 0:15 | 8100 | 26.545 | 15.802 | 59.795 | 32593.174 | 39539.262 | 25.296 | 26.887 | 30.681 | 1.018 | 14.751 |
| 9/6/2018 0:30 | 9000 | 26.529 | 15.809 | 59.759 | 32564.105 | 39497.949 | 25.267 | 26.859 | 30.709 | 1.018 | 14.748 |
| 9/6/2018 0:45 | 9900 | 26.515 | 15.814 | 59.728 | 32500.338 | 39415.629 | 25.21 | 26.803 | 30.769 | 1.018 | 14.753 |
| 9/6/2018 1:00 | 10800 | 26.505 | 15.822 | 59.705 | 32471.547 | 39373.809 | 25.18 | 26.774 | 30.796 | 1.018 | 14.749 |
| 9/6/2018 1:15 | 11700 | 26.495 | 15.828 | 59.683 | 32438.736 | 39328.496 | 25.149 | 26.743 | 30.827 | 1.018 | 14.753 |
| 9/6/2018 1:30 | 12600 | 26.487 | 15.834 | 59.664 | 32395.91 | 39271.297 | 25.109 | 26.704 | 30.868 | 1.018 | 14.752 |
| 9/6/2018 1:45 | 13500 | 26.479 | 15.841 | 59.647 | 32353.256 | 39213.113 | 25.068 | 26.665 | 30.909 | 1.018 | 14.752 |
| 9/6/2018 2:00 | 14400 | 26.474 | 15.846 | 59.635 | 32322.803 | 39172.059 | 25.039 | 26.637 | 30.938 | 1.018 | 14.748 |
| 9/6/2018 2:15 | 15300 | 26.461 | 15.851 | 59.607 | 32273.158 | 39106.883 | 24.993 | 26.593 | 30.986 | 1.018 | 14.75 |
| 9/6/2018 2:30 | 16200 | 26.457 | 15.854 | 59.596 | 32259.04 | 39087.785 | 24.98 | 26.58 | 30.999 | 1.018 | 14.747 |
| 9/6/2018 2:45 | 17100 | 26.451 | 15.856 | 59.584 | 32237.914 | 39059.879 | 24.96 | 26.561 | 31.019 | 1.018 | 14.745 |
| 9/6/2018 3:00 | 18000 | 26.451 | 15.858 | 59.582 | 32205.568 | 39018.461 | 24.931 | 26.533 | 31.051 | 1.018 | 14.742 |
| 9/6/2018 3:15 | 18900 | 26.446 | 15.86 | 59.573 | 32175.945 | 38981.07 | 24.905 | 26.507 | 31.079 | 1.018 | 14.741 |
| 9/6/2018 3:30 | 19800 | 26.45 | 15.862 | 59.582 | 32150.232 | 38948.176 | 24.882 | 26.485 | 31.104 | 1.018 | 14.741 |
| 9/6/2018 3:45 | 20700 | 26.452 | 15.864 | 59.585 | 32154.877 | 38953.242 | 24.885 | 26.488 | 31.099 | 1.018 | 14.735 |
| 9/6/2018 4:00 | 21600 | 26.445 | 15.864 | 59.57 | 32137.28 | 38931.559 | 24.869 | 26.473 | 31.117 | 1.018 | 14.745 |
| 9/6/2018 4:15 | 22500 | 26.455 | 15.866 | 59.592 | 32128.998 | 38918.953 | 24.861 | 26.465 | 31.125 | 1.018 | 14.74 |
| 9/6/2018 4:30 | 23400 | 26.447 | 15.866 | 59.575 | 32098.93 | 38882.289 | 24.836 | 26.44 | 31.154 | 1.018 | 14.743 |
| 9/6/2018 4:45 | 24300 | 26.456 | 15.867 | 59.595 | 32088.623 | 38869.105 | 24.826 | 26.431 | 31.164 | 1.018 | 14.738 |
| 9/6/2018 5:00 | 25200 | 26.465 | 15.866 | 59.615 | 32104.521 | 38888.672 | 24.84 | 26.444 | 31.148 | 1.018 | 14.736 |
| 9/6/2018 5:15 | 26100 | 26.462 | 15.864 | 59.607 | 32095.125 | 38879.348 | 24.833 | 26.438 | 31.157 | 1.018 | 14.743 |
| 9/6/2018 5:30 | 27000 | 26.463 | 15.862 | 59.611 | 32069.994 | 38850.805 | 24.813 | 26.419 | 31.182 | 1.018 | 14.747 |
| 9/6/2018 5:45 | 27900 | 26.472 | 15.859 | 59.63 | 32082.332 | 38868.277 | 24.825 | 26.43 | 31.17 | 1.018 | 14.753 |
| 9/6/2018 6:00 | 28800 | 26.475 | 15.856 | 59.639 | 32092.174 | 38882.816 | 24.835 | 26.44 | 31.16 | 1.018 | 14.757 |
| 9/6/2018 6:15 | 29700 | 26.491 | 15.853 | 59.674 | 32085.146 | 38877.16 | 24.831 | 26.436 | 31.167 | 1.018 | 14.751 |
| 9/6/2018 6:30 | 30600 | 26.493 | 15.852 | 59.677 | 32094.172 | 38889.43 | 24.84 | 26.445 | 31.158 | 1.018 | 14.753 |
| 9/6/2018 6:45 | 31500 | 26.507 | 15.852 | 59.709 | 32091.543 | 38886.402 | 24.838 | 26.443 | 31.161 | 1.018 | 14.756 |
| 9/6/2018 7:00 | 32400 | 26.508 | 15.851 | 59.712 | 32085.254 | 38879.266 | 24.833 | 26.438 | 31.167 | 1.018 | 14.759 |
| 9/6/2018 7:15 | 33300 | 26.511 | 15.85 | 59.718 | 32087.645 | 38882.719 | 24.835 | 26.44 | 31.165 | 1.018 | 14.764 |
| 9/6/2018 7:30 | 34200 | 26.518 | 15.849 | 59.734 | 32085.984 | 38881.645 | 24.834 | 26.44 | 31.166 | 1.018 | 14.764 |
| 9/6/2018 7:45 | 35100 | 26.523 | 15.848 | 59.746 | 32091.34 | 38889.332 | 24.84 | 26.445 | 31.161 | 1.018 | 14.768 |
| 9/6/2018 8:00 | 36000 | 26.53 | 15.847 | 59.761 | 32090.469 | 38889.066 | 24.839 | 26.445 | 31.162 | 1.018 | 14.764 |
| 9/6/2018 8:15 | 36900 | 26.531 | 15.845 | 59.764 | 32108.873 | 38913.113 | 24.856 | 26.461 | 31.144 | 1.018 | 14.767 |
| 9/6/2018 8:30 | 37800 | 26.542 | 15.848 | 59.789 | 32121.674 | 38929.5 | 24.868 | 26.472 | 31.132 | 1.018 | 14.764 |
| 9/6/2018 8:45 | 38700 | 26.543 | 15.843 | 59.791 | 32121.395 | 38930.586 | 24.868 | 26.473 | 31.132 | 1.018 | 14.766 |
| 9/6/2018 9:00 | 39600 | 26.548 | 15.841 | 59.803 | 32112.744 | 38921.293 | 24.862 | 26.466 | 31.14 | 1.018 | 14.763 |
| 9/6/2018 9:15 | 40500 | 26.534 | 15.84 | 59.77 | 32130.232 | 38943.984 | 24.878 | 26.482 | 31.123 | 1.018 | 14.776 |
| 9/6/2018 9:30 | 41400 | 26.546 | 15.838 | 59.798 | 32156.494 | 38977.414 | 24.901 | 26.505 | 31.098 | 1.018 | 14.769 |
| 9/6/2018 9:45 | 42300 | 26.55 | 15.836 | 59.806 | 32183.336 | 39011.219 | 24.925 | 26.528 | 31.072 | 1.018 | 14.765 |
| 9/6/2018 10:00 | 43200 | 26.548 | 15.835 | 59.802 | 32164.6 | 38989.934 | 24.91 | 26.513 | 31.09 | 1.018 | 14.77 |
| 9/6/2018 10:15 | 44100 | 26.54 | 15.834 | 59.784 | 32181.076 | 39011.102 | 24.925 | 26.518 | 31.074 | 1.018 | 14.774 |
| 9/6/2018 10:30 | 45000 | 26.545 | 15.833 | 59.794 | 32198.693 | 39032.859 | 24.94 | 26.542 | 31.057 | 1.018 | 14.763 |
| 9/6/2018 10:45 | 45900 | 26.546 | 15.832 | 59.797 | 32205.188 | 39041.52 | 24.946 | 26.548 | 31.051 | 1.018 | 14.765 |
| 9/6/2018 11:00 | 46800 | 26.535 | 15.832 | 59.772 | 32221.1 | 39061.449 | 24.96 | 26.562 | 31.036 | 1.018 | 14.774 |
| 9/6/2018 11:15 | 47700 | 26.528 | 15.832 | 59.756 | 32232.285 | 39075.012 | 24.97 | 26.571 | 31.025 | 1.018 | 14.776 |
| 9/6/2018 11:30 | 48600 | 26.525 | 15.831 | 59.751 | 32246.621 | 39092.473 | 24.982 | 26.583 | 31.011 | 1.018 | 14.777 |
| 9/6/2018 11:45 | 49500 | 26.527 | 15.832 | 59.754 | 32266.59 | 39092.039 | 24.982 | 26.582 | 31.011 | 1.018 | 14.781 |
| 9/6/2018 12:00 | 50400 | 26.52 | 15.832 | 59.738 | 32258.221 | 39106.051 | 24.992 | 26.592 | 31 | 1.018 | 14.769 |
| 9/6/2018 12:15 | 51300 | 26.518 | 15.833 | 59.734 | 32278.764 | 39129.836 | 25.009 | 26.608 | 30.98 | 1.018 | 14.761 |
| 9/6/2018 12:30 | 52200 | 26.508 | 15.835 | 59.713 | 32292.43 | 39144.977 | 25.019 | 26.619 | 30.967 | 1.018 | 14.767 |
| 9/6/2018 12:45 | 53100 | 26.506 | 15.837 | 59.707 | 32290.367 | 39140.078 | 25.016 | 26.615 | 30.969 | 1.018 | 14.771 |
| 9/6/2018 13:00 | 54000 | 26.503 | 15.839 | 59.701 | 32286.656 | 39133.746 | 25.012 | 26.611 | 30.973 | 1.018 | 14.763 |
| 9/6/2018 13:15 | 54900 | 26.493 | 15.841 | 59.698 | 32283.388 | 39128.219 | 25.008 | 26.607 | 30.976 | 1.018 | 14.767 |
| 9/6/2018 13:30 | 55800 | 26.491 | 15.842 | 59.674 | 32277.502 | 39120.098 | 25.002 | 26.602 | 30.981 | 1.018 | 14.766 |
| 9/6/2018 13:45 | 56700 | 26.488 | 15.844 | 59.667 | 32271.201 | 39111.027 | 24.996 | 26.595 | 30.987 | 1.018 | 14.766 |
| 9/6/2018 14:00 | 57600 | 26.489 | 15.846 | 59.669 | 32257.932 | 39093.043 | 24.983 | 26.583 | 31 | 1.018 | 14.762 |
| 9/6/2018 14:15 | 58500 | 26.48 | 15.848 | 59.648 | 32263.73 | 39098.641 | 24.987 | 26.587 | 30.995 | 1.018 | 14.763 |
| 9/6/2018 14:30 | 59400 | 26.473 | 15.802 | 59.633 | 32233.233 | 39087.789 | 24.975 | 26.587 | 31.029 | 1.018 | 14.765 |
| 9/6/2018 14:45 | 60300 | 26.465 | 15.813 | 59.615 | 32246.494 | 39115.094 | 24.983 | 26.593 | 31.017 | 1.018 | 14.767 |
| 9/6/2018 15:00 | 61200 | 26.458 | 15.873 | 59.293 | 30725.541 | 37212.316 | 23.661 | 25.304 | 32.546 | 1.017 | 14.758 |
| 9/6/2018 15:15 | 62100 | 26.458 | 15.859 | 59.233 | 30456.166 | 36898 | 23.44 | 25.091 | 32.834 | 1.017 | 14.757 |
| 9/6/2018 15:30 | 63000 | 26.458 | 15.867 | 59.205 | 30190.053 | 36569.281 | 23.21 | 24.867 | 33.123 | 1.017 | 14.754 |
| 9/6/2018 15:45 | 63900 | 26.451 | 15.863 | 59.184 | 30101.416 | 36465.41 | 23.137 | 24.796 | 33.221 | 1.017 | 14.759 |
| 9/6/2018 16:00 | 64800 | 26.451 | 15.869 | 59.184 | 29926.455 | 36248.352 | 22.986 | 24.649 | 33.415 | 1.017 | 14.75 |
| 9/6/2018 16:15 | 65700 | 26.451 | 15.888 | 59.184 | 29729.68 | 35994.125 | 22.809 | 24.476 | 33.636 | 1.016 | 14.75 |
| 9/6/2018 16:30 | 66600 | 26.451 | 15.905 | 59.184 | 29604.855 | 35828.645 | 22.694 | 24.363 | 33.778 | 1.016 | 14.747 |
| 9/6/2018 16:45 | 67500</ | | | | | | | | | | |

| | | | | | | | | | | | |
|----------------|------------|-------|--------|-------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/7/2018 6:45 | 117900 | 26292 | 15936 | 59225 | 32396.693 | 39179.449 | 25.040 | 26.642 | 30867 | 1.018 | 14.748 |
| 9/7/2018 7:00 | 118800 | 26305 | 15936 | 59254 | 32416.508 | 39203.324 | 25.066 | 26.658 | 30848 | 1.018 | 14.748 |
| 9/7/2018 7:15 | 119700 | 26317 | 15936 | 59282 | 32414.59 | 39201.57 | 25.064 | 26.657 | 30.85 | 1.018 | 14.747 |
| 9/7/2018 7:30 | 120600 | 2634 | 15935 | 59333 | 32431.055 | 39221.965 | 25.079 | 26.671 | 30.835 | 1.018 | 14.739 |
| 9/7/2018 7:45 | 121500 | 26345 | 15935 | 59344 | 32432.047 | 39223.566 | 25.08 | 26.672 | 30.834 | 1.018 | 14.747 |
| 9/7/2018 8:00 | 122400 | 26354 | 15933 | 59364 | 32457.666 | 39255.816 | 25.103 | 26.694 | 30.809 | 1.018 | 14.748 |
| 9/7/2018 8:15 | 123300 | 26365 | 15933 | 59390 | 32488.07 | 39270.066 | 25.133 | 26.719 | 30.799 | 1.018 | 14.75 |
| 9/7/2018 8:30 | 124200 | 26378 | 15928 | 59418 | 32491.379 | 39301.391 | 25.135 | 26.725 | 30.777 | 1.018 | 14.748 |
| 9/7/2018 8:45 | 125100 | 26382 | 15926 | 59428 | 32505.799 | 39320.824 | 25.148 | 26.738 | 30.764 | 1.018 | 14.751 |
| 9/7/2018 9:00 | 126000 | 26394 | 15923 | 59456 | 32535.867 | 39359.914 | 25.176 | 26.765 | 30.735 | 1.018 | 14.744 |
| 9/7/2018 9:15 | 126900 | 26399 | 15.92 | 59467 | 32530.555 | 39356.289 | 25.173 | 26.762 | 30.74 | 1.018 | 14.751 |
| 9/7/2018 9:30 | 127800 | 26411 | 15918 | 59493 | 32570.768 | 39406.625 | 25.208 | 26.797 | 30.702 | 1.018 | 14.751 |
| 9/7/2018 9:45 | 128700 | 26407 | 15920 | 59485 | 32572.545 | 39408.125 | 25.21 | 26.798 | 30.701 | 1.018 | 14.752 |
| 9/7/2018 10:00 | 129600 | 26424 | 15954 | 59523 | 32716.287 | 39550.051 | 25.232 | 26.894 | 30.566 | 1.018 | 14.749 |
| 9/7/2018 10:15 | 130500 | 26422 | 16092 | 59518 | 32736.119 | 39448.168 | 25.247 | 26.825 | 30.547 | 1.018 | 14.752 |
| 9/7/2018 10:30 | 131400 | 26424 | 16099 | 59524 | 32714.484 | 39415.797 | 25.224 | 26.803 | 30.567 | 1.018 | 14.751 |
| 9/7/2018 10:45 | 132300 | 26424 | 16082 | 59522 | 32708.475 | 39423.867 | 25.229 | 26.808 | 30.573 | 1.018 | 14.752 |
| 9/7/2018 11:00 | 133200 | 26426 | 16081 | 59527 | 32691.152 | 39404.023 | 25.215 | 26.795 | 30.589 | 1.018 | 14.752 |
| 9/7/2018 11:15 | 134100 | 26427 | 16092 | 59517 | 32768.212 | 39462.496 | 25.207 | 26.848 | 30.571 | 1.018 | 14.756 |
| 9/7/2018 11:30 | 135000 | 26.42 | 16115 | 59514 | 32809.965 | 39516.289 | 25.296 | 26.871 | 30.479 | 1.018 | 14.751 |
| 9/7/2018 11:45 | 135900 | 26427 | 16119 | 59529 | 32835.859 | 39543.723 | 25.316 | 26.89 | 30.455 | 1.018 | 14.747 |
| 9/7/2018 12:00 | 136800 | 26411 | 16.12 | 59493 | 32843.086 | 39550.91 | 25.321 | 26.895 | 30.448 | 1.018 | 14.754 |
| 9/7/2018 12:15 | 137700 | 26408 | 16.15 | 59487 | 32871.961 | 39558.5 | 25.328 | 26.9 | 30.421 | 1.018 | 14.749 |
| 9/7/2018 12:30 | 138600 | 26412 | 16.169 | 59495 | 32877.973 | 39548.805 | 25.322 | 26.893 | 30.416 | 1.018 | 14.747 |
| 9/7/2018 12:45 | 139500 | 26404 | 16.178 | 59478 | 32862.813 | 39545.41 | 25.32 | 26.891 | 30.411 | 1.018 | 14.744 |
| 9/7/2018 13:00 | 140400 | 26404 | 16.188 | 59478 | 32873.566 | 39525.879 | 25.307 | 26.878 | 30.412 | 1.018 | 14.743 |
| 9/7/2018 13:15 | 141300 | 26394 | 16.177 | 59454 | 32877.063 | 39540.203 | 25.316 | 26.887 | 30.416 | 1.018 | 14.743 |
| 9/7/2018 13:30 | 142200 | 26387 | 16.177 | 5944 | 32861.605 | 39521.461 | 25.303 | 26.875 | 30.431 | 1.018 | 14.749 |
| 9/7/2018 13:45 | 143100 | 26382 | 16.184 | 59429 | 32835.309 | 39483.613 | 25.276 | 26.849 | 30.455 | 1.018 | 14.744 |
| 9/7/2018 14:00 | 144000 | 26.38 | 16.189 | 59424 | 32839.094 | 39483.945 | 25.277 | 26.849 | 30.452 | 1.018 | 14.742 |
| 9/7/2018 14:15 | 144900 | 26378 | 16.192 | 5942 | 32827.555 | 39467.461 | 25.265 | 26.838 | 30.462 | 1.018 | 14.74 |
| 9/7/2018 14:30 | 145800 | 26372 | 16.189 | 59406 | 32811.891 | 39450.762 | 25.253 | 26.827 | 30.477 | 1.018 | 14.742 |
| 9/7/2018 14:45 | 146700 | 26373 | 16.194 | 59407 | 32792.625 | 39423.227 | 25.234 | 26.808 | 30.495 | 1.018 | 14.737 |
| 9/7/2018 15:00 | 147600 | 26367 | 16.192 | 59395 | 32750.697 | 39375.125 | 25.2 | 26.775 | 30.534 | 1.018 | 14.741 |
| 9/7/2018 15:15 | 148500 | 26362 | 16.198 | 59383 | 32737.436 | 39353.625 | 25.185 | 26.76 | 30.546 | 1.018 | 14.741 |
| 9/7/2018 15:30 | 149400 | 26366 | 16.203 | 59391 | 32759.02 | 39375.125 | 25.201 | 26.775 | 30.526 | 1.018 | 14.737 |
| 9/7/2018 15:45 | 150300 | 26378 | 16.192 | 59384 | 32745.162 | 39367.91 | 25.195 | 26.77 | 30.539 | 1.018 | 14.74 |
| 9/7/2018 16:00 | 151200 | 26371 | 16.195 | 59431 | 32742.92 | 39362.521 | 25.191 | 26.767 | 30.541 | 1.018 | 14.733 |
| 9/7/2018 16:15 | 152100 | 26374 | 16.192 | 59411 | 32727.465 | 39347.125 | 25.18 | 26.756 | 30.555 | 1.018 | 14.732 |
| 9/7/2018 16:30 | 153000 | 26381 | 16.189 | 59426 | 32717.619 | 39337.738 | 25.173 | 26.75 | 30.565 | 1.018 | 14.73 |
| 9/7/2018 16:45 | 153900 | 26384 | 16.186 | 59433 | 32706.465 | 39326.781 | 25.166 | 26.742 | 30.575 | 1.018 | 14.731 |
| 9/7/2018 17:00 | 154800 | 26389 | 16.181 | 59444 | 32694.023 | 39316.66 | 25.158 | 26.735 | 30.587 | 1.018 | 14.729 |
| 9/7/2018 17:15 | 155700 | 26395 | 16.17 | 59458 | 32719.873 | 39357.516 | 25.187 | 26.763 | 30.562 | 1.018 | 14.732 |
| 9/7/2018 17:30 | 156600 | 26401 | 16.168 | 59468 | 32688.697 | 39330.02 | 25.167 | 26.744 | 30.592 | 1.018 | 14.729 |
| 9/7/2018 17:45 | 157500 | 26412 | 16.134 | 59496 | 32696.773 | 39362.223 | 25.188 | 26.766 | 30.584 | 1.018 | 14.73 |
| 9/7/2018 18:00 | 158400 | 26416 | 16.123 | 59504 | 32663.303 | 39332.113 | 25.166 | 26.746 | 30.615 | 1.018 | 14.732 |
| 9/7/2018 18:15 | 159300 | 26429 | 16.125 | 59534 | 32718.07 | 39396.07 | 25.212 | 26.789 | 30.564 | 1.018 | 14.728 |
| 9/7/2018 18:30 | 160200 | 26436 | 16.124 | 5955 | 32696.773 | 39371.449 | 25.194 | 26.773 | 30.584 | 1.018 | 14.73 |
| 9/7/2018 18:45 | 161100.001 | 26442 | 16.108 | 59562 | 32748.559 | 39448.559 | 25.248 | 26.825 | 30.536 | 1.018 | 14.725 |
| 9/7/2018 19:00 | 162000 | 26469 | 16.095 | 59624 | 32753.092 | 39465.895 | 25.259 | 26.837 | 30.531 | 1.018 | 14.724 |
| 9/7/2018 19:15 | 162900 | 26483 | 16.086 | 59656 | 32806.746 | 39538.875 | 25.311 | 26.886 | 30.482 | 1.018 | 14.724 |
| 9/7/2018 19:30 | 163800 | 26483 | 16.079 | 59656 | 32843.699 | 39589.012 | 25.346 | 26.921 | 30.447 | 1.018 | 14.722 |
| 9/7/2018 19:45 | 164700 | 26489 | 16.074 | 5967 | 32857.035 | 39610.063 | 25.36 | 26.935 | 30.435 | 1.018 | 14.729 |
| 9/7/2018 20:00 | 165600 | 26509 | 16.062 | 59713 | 32940.887 | 39721.668 | 25.439 | 27.011 | 30.357 | 1.018 | 14.723 |
| 9/7/2018 20:15 | 166500 | 26512 | 16.057 | 59721 | 32963.723 | 39753.957 | 25.461 | 27.033 | 30.336 | 1.018 | 14.723 |
| 9/7/2018 20:30 | 167400 | 26516 | 16.048 | 59793 | 33052.222 | 39869.943 | 25.542 | 27.111 | 30.255 | 1.018 | 14.724 |
| 9/7/2018 20:45 | 168300 | 26527 | 16.044 | 59755 | 33097.977 | 39928.238 | 25.584 | 27.151 | 30.213 | 1.019 | 14.721 |
| 9/7/2018 21:00 | 169200 | 26528 | 16.034 | 59756 | 33133.551 | 39980.543 | 25.621 | 27.187 | 30.181 | 1.019 | 14.727 |
| 9/7/2018 21:15 | 170100 | 26537 | 16.023 | 59776 | 33201.555 | 40071.934 | 25.685 | 27.249 | 30.119 | 1.019 | 14.723 |
| 9/7/2018 21:30 | 171000 | 26532 | 16.016 | 59765 | 33195.758 | 40071.43 | 25.684 | 27.249 | 30.124 | 1.019 | 14.724 |
| 9/7/2018 21:45 | 171900 | 26545 | 16.008 | 59796 | 33301.469 | 40206.949 | 25.78 | 27.341 | 30.029 | 1.019 | 14.722 |
| 9/7/2018 22:00 | 172800 | 26531 | 16.003 | 59831 | 33243.523 | 40284.52 | 25.82 | 27.4 | 30.068 | 1.019 | 14.726 |
| 9/7/2018 22:15 | 173700 | 26534 | 15.999 | 59771 | 33395.793 | 40329.246 | 25.866 | 27.424 | 29.944 | 1.019 | 14.726 |
| 9/7/2018 22:30 | 174600 | 26536 | 15.995 | 59776 | 33435.391 | 40380.344 | 25.902 | 27.459 | 29.908 | 1.019 | 14.728 |
| 9/7/2018 22:45 | 175500 | 26525 | 15.999 | 59751 | 33455.727 | 40401.137 | 25.917 | 27.473 | 29.89 | 1.019 | 14.727 |
| 9/7/2018 23:00 | 176400 | 26519 | 16.008 | 59737 | 33433.703 | 40366.926 | 25.893 | 27.45 | 29.91 | 1.019 | 14.728 |
| 9/7/2018 23:15 | 177300 | 2651 | 16.036 | 59717 | 33465.047 | 40378.09 | 25.903 | 27.457 | 29.882 | 1.019 | 14.726 |
| 9/7/2018 23:30 | 178200 | 26515 | 16.029 | 59725 | 33486.848 | 40383.613 | 25.908 | 27.461 | 29.862 | 1.019 | 14.726 |
| 9/7/2018 23:45 | 179100 | 26499 | 16.076 | 59692 | 33447.367 | 40319.516 | 25.863 | 27.417 | 29.898 | 1.019 | 14.73 |
| 9/8/2018 0:00 | 180000.001 | 26486 | 16.116 | 59662 | 33366.578 | 40185.629 | 25.77 | 27.326 | 29.97 | 1.019 | 14.73 |
| 9/8/2018 0:15 | 180900 | 26481 | 16.146 | 59651 | 33336.465 | 40121.855 | 25.727 | 27.283 | 29.997 | 1.019 | 14.728 |
| 9/8/2018 0:30 | 181800 | 26467 | 16.161 | 5962 | 33310.336 | 40075.855 | 25.695 | 27.252 | 30.021 | 1.019 | 14.73 |
| 9/8/2018 0:45 | 182700 | 26456 | 16.171 | 59595 | 33253.449 | 39998.613 | 25.641 | 27.199 | 30.072 | 1.019 | 14.736 |
| 9/8/2018 1:00 | 183600 | 26444 | 16.184 | 59566 | 33214.309 | 39953.655 | 25.608 | 27.166 | 30.089 | 1.019 | 14.731 |
| 9/8/2018 1:15 | 184500 | 26432 | 16.181 | 59541 | 33159.301 | 39876.352 | 25.554 | 27.116 | 30.157 | 1.018 | 14.73 |
| 9/8/2018 1:30 | 185400.001 | 26415 | 16.178 | 59502 | 33139.762 | 39853.448 | 25.539 | 27.102 | 30.175 | 1.018 | 14.731 |
| 9/8/2018 1:45 | 186300 | 26407 | 16.188 | 59485 | 33095.52 | 39792.746 | 25.496 | 27.059 | 30.216 | 1.018 | 14.725 |
| 9/8/2018 2:00 | 187200 | 26397 | 16.195 | 59461 | 33070.836 | 39757.379 | 25.471 | 27.035 | 30.238 | 1.018 | 14.722 |
| 9/8/2018 2:15 | 188100 | 26383 | 16.194 | 5943 | 33040.145 | 39720.793 | 25.445 | 27.01 | 30.266 | 1.018 | 14.724 |
| 9/8/2018 2:30 | 189000 | 2637 | 16.216 | 59401 | 33006.805 | 39660.719 | 25.403 | 26.969 | 30.297 | 1.018 | 14.724 |
| 9/8/2018 2:45 | 189900.001 | 26359 | 16.22 | 59376 | 32971.492 | 39615.094 | 25.371 | 26.938 | 30.329 | 1.018 | 14.724 |
| 9/8/2018 3:00 | 190800 | 26353 | 16.224 | 59364 | 32916.668 | 39545.711 | 25.322 | 26.891 | 30.38 | 1.018 | 14.721 |
| 9/8/2018 3:15 | 191700 | 26336 | 16.232 | 59325 | 32869.762 | 39481.883 | 25.278 | 26.848 | 30.423 | 1.018 | 14.723 |
| 9/8/2018 3:30 | 192600 | 26331 | 16.228 | 59313 | 32815.09 | 39419.234 | 25.233 | 26.805 | 30.474 | 1.018 | 14.723 |
| 9/8/2018 3:45 | | | | | | | | | | | |

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|-----------------|------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/9/2018 11:30 | 307800 | 26.55 | 16.067 | 59.806 | 32695.213 | 39421.602 | 25.227 | 26.807 | 30.586 | 1.018 | 14.692 |
| 9/9/2018 11:45 | 308700 | 26.56 | 16.065 | 59.829 | 32751.645 | 39401.152 | 25.276 | 26.854 | 30.533 | 1.018 | 14.687 |
| 9/9/2018 12:00 | 309600 | 26.552 | 16.064 | 59.811 | 32763.375 | 39506.336 | 25.286 | 26.864 | 30.522 | 1.018 | 14.692 |
| 9/9/2018 12:15 | 310500 | 26.553 | 16.064 | 59.812 | 32784.598 | 39531.449 | 25.304 | 26.881 | 30.502 | 1.018 | 14.689 |
| 9/9/2018 12:30 | 311400 | 26.55 | 16.065 | 59.807 | 32809.223 | 39560.824 | 25.325 | 26.901 | 30.479 | 1.018 | 14.687 |
| 9/9/2018 12:45 | 312300 | 26.549 | 16.073 | 59.805 | 32853.984 | 39607.336 | 25.358 | 26.933 | 30.438 | 1.018 | 14.689 |
| 9/9/2018 13:00 | 313200 | 26.551 | 16.073 | 59.811 | 32880.105 | 39652.988 | 25.335 | 26.918 | 30.455 | 1.018 | 14.684 |
| 9/9/2018 13:15 | 314100 | 26.538 | 16.124 | 59.779 | 32900.336 | 39616.48 | 25.367 | 26.939 | 30.395 | 1.018 | 14.69 |
| 9/9/2018 13:30 | 315000 | 26.524 | 16.142 | 59.748 | 32911.645 | 39614.176 | 25.367 | 26.938 | 30.384 | 1.018 | 14.692 |
| 9/9/2018 13:45 | 315900 | 26.535 | 16.152 | 59.773 | 32930.43 | 39626.945 | 25.376 | 26.946 | 30.367 | 1.018 | 14.688 |
| 9/9/2018 14:00 | 316800 | 26.514 | 16.159 | 59.725 | 32862.488 | 39538.801 | 25.314 | 26.886 | 30.43 | 1.018 | 14.691 |
| 9/9/2018 14:15 | 317700 | 26.507 | 16.159 | 59.71 | 32844.563 | 39505.988 | 25.291 | 26.864 | 30.456 | 1.018 | 14.685 |
| 9/9/2018 14:30 | 318600 | 26.501 | 16.16 | 59.696 | 32817.293 | 39479.316 | 25.272 | 26.846 | 30.472 | 1.018 | 14.687 |
| 9/9/2018 14:45 | 319500 | 26.493 | 16.166 | 59.679 | 32813.816 | 39474.666 | 25.269 | 26.843 | 30.475 | 1.018 | 14.689 |
| 9/9/2018 15:00 | 320400 | 26.493 | 16.18 | 59.678 | 32836.195 | 39488.516 | 25.28 | 26.852 | 30.454 | 1.018 | 14.681 |
| 9/9/2018 15:15 | 321300 | 26.487 | 16.17 | 59.663 | 32824.406 | 39432.977 | 25.24 | 26.814 | 30.504 | 1.018 | 14.679 |
| 9/9/2018 15:30 | 322200 | 26.48 | 16.181 | 59.648 | 32732.857 | 39363.445 | 25.191 | 26.767 | 30.55 | 1.018 | 14.675 |
| 9/9/2018 15:45 | 323100 | 26.47 | 16.19 | 59.627 | 32730.9 | 39353.07 | 25.184 | 26.76 | 30.552 | 1.018 | 14.674 |
| 9/9/2018 16:00 | 324000 | 26.482 | 16.195 | 59.629 | 32745.72 | 39325.172 | 25.165 | 26.742 | 30.567 | 1.018 | 14.679 |
| 9/9/2018 16:15 | 324900 | 26.451 | 16.202 | 59.584 | 32676.416 | 39276.703 | 25.131 | 26.708 | 30.603 | 1.018 | 14.683 |
| 9/9/2018 16:30 | 325800 | 26.45 | 16.196 | 59.581 | 32678.729 | 39284.949 | 25.136 | 26.714 | 30.601 | 1.018 | 14.678 |
| 9/9/2018 16:45 | 326700 | 26.449 | 16.196 | 59.579 | 32627.168 | 39222.965 | 25.093 | 26.672 | 30.649 | 1.018 | 14.676 |
| 9/9/2018 17:00 | 327600 | 26.45 | 16.207 | 59.582 | 32669.887 | 39264.109 | 25.122 | 26.7 | 30.609 | 1.018 | 14.673 |
| 9/9/2018 17:15 | 328500 | 26.45 | 16.207 | 59.582 | 32601.939 | 39182.137 | 25.064 | 26.644 | 30.673 | 1.018 | 14.673 |
| 9/9/2018 17:30 | 329400 | 26.447 | 16.2 | 59.573 | 32610.634 | 39199.488 | 25.076 | 26.656 | 30.665 | 1.018 | 14.671 |
| 9/9/2018 17:45 | 330300 | 26.451 | 16.2 | 59.583 | 32599.164 | 39185.828 | 25.067 | 26.646 | 30.676 | 1.018 | 14.671 |
| 9/9/2018 18:00 | 331200 | 26.446 | 16.194 | 59.572 | 32593.545 | 39183.734 | 25.065 | 26.645 | 30.681 | 1.018 | 14.672 |
| 9/9/2018 18:15 | 332100 | 26.454 | 16.183 | 59.59 | 32605.449 | 39208.172 | 25.082 | 26.662 | 30.67 | 1.018 | 14.669 |
| 9/9/2018 18:30 | 333000 | 26.466 | 16.187 | 59.616 | 32574.25 | 39167.406 | 25.053 | 26.634 | 30.699 | 1.018 | 14.662 |
| 9/9/2018 18:45 | 333900 | 26.466 | 16.18 | 59.618 | 32599.854 | 39204.051 | 25.078 | 26.659 | 30.675 | 1.018 | 14.665 |
| 9/9/2018 19:00 | 334800 | 26.485 | 16.2 | 59.648 | 32587.836 | 39207.711 | 25.08 | 26.661 | 30.666 | 1.018 | 14.666 |
| 9/9/2018 19:15 | 335700 | 26.482 | 16.151 | 59.654 | 32526.803 | 39142.586 | 25.034 | 26.617 | 30.744 | 1.018 | 14.656 |
| 9/9/2018 19:30 | 336600 | 26.486 | 16.141 | 59.661 | 32507.066 | 39236.242 | 25.099 | 26.681 | 30.678 | 1.018 | 14.665 |
| 9/9/2018 19:45 | 337500 | 26.5 | 16.118 | 59.694 | 32496.273 | 39135.871 | 25.027 | 26.612 | 30.773 | 1.018 | 14.665 |
| 9/9/2018 20:00 | 338400 | 26.51 | 16.102 | 59.716 | 32510.93 | 39167.301 | 25.049 | 26.634 | 30.759 | 1.018 | 14.668 |
| 9/9/2018 20:15 | 339300 | 26.521 | 16.099 | 59.742 | 32577.803 | 39227.102 | 25.091 | 26.674 | 30.715 | 1.018 | 14.669 |
| 9/9/2018 20:30 | 340200 | 26.54 | 16.099 | 59.784 | 32607.15 | 39265.15 | 25.133 | 26.715 | 30.668 | 1.018 | 14.67 |
| 9/9/2018 20:45 | 341100 | 26.543 | 16.086 | 59.742 | 32580.389 | 39265.746 | 25.117 | 26.701 | 30.693 | 1.018 | 14.67 |
| 9/9/2018 21:00 | 342000 | 26.556 | 16.074 | 59.82 | 32632.967 | 39339.859 | 25.169 | 26.751 | 30.644 | 1.018 | 14.679 |
| 9/9/2018 21:15 | 342900 | 26.568 | 16.066 | 59.846 | 32623.313 | 39335.539 | 25.166 | 26.748 | 30.653 | 1.018 | 14.681 |
| 9/9/2018 21:30 | 343800 | 26.575 | 16.053 | 59.864 | 32688.939 | 39426 | 25.229 | 26.81 | 30.591 | 1.018 | 14.683 |
| 9/9/2018 21:45 | 344700 | 26.582 | 16.05 | 59.879 | 32745.385 | 39497.363 | 25.279 | 26.858 | 30.539 | 1.018 | 14.686 |
| 9/9/2018 22:00 | 345600 | 26.595 | 16.041 | 59.907 | 32812.98 | 39587.387 | 25.343 | 26.919 | 30.476 | 1.018 | 14.684 |
| 9/9/2018 22:15 | 346500 | 26.603 | 16.03 | 59.924 | 32844.07 | 39678.844 | 25.374 | 27.009 | 30.422 | 1.018 | 14.688 |
| 9/9/2018 22:30 | 347400 | 26.607 | 16.024 | 59.934 | 32933.867 | 39748.297 | 25.456 | 27.029 | 30.364 | 1.018 | 14.686 |
| 9/9/2018 22:45 | 348300 | 26.616 | 16.011 | 59.956 | 32972.34 | 39807.066 | 25.497 | 27.069 | 30.328 | 1.018 | 14.685 |
| 9/9/2018 23:00 | 349200 | 26.619 | 16.003 | 59.963 | 33082.621 | 39947.008 | 25.595 | 27.164 | 30.227 | 1.018 | 14.685 |
| 9/9/2018 23:15 | 350100 | 26.613 | 15.996 | 59.949 | 33132.766 | 40013.957 | 25.642 | 27.209 | 30.182 | 1.018 | 14.689 |
| 9/9/2018 23:30 | 351000 | 26.623 | 15.992 | 59.97 | 33220.375 | 40123.355 | 25.72 | 27.284 | 30.102 | 1.018 | 14.682 |
| 9/9/2018 23:45 | 351900 | 26.616 | 15.988 | 59.956 | 33217.527 | 40124.141 | 25.72 | 27.284 | 30.105 | 1.018 | 14.686 |
| 9/10/2018 00:00 | 352800 | 26.618 | 15.983 | 59.959 | 33287.07 | 40212.715 | 25.783 | 27.345 | 30.042 | 1.018 | 14.687 |
| 9/10/2018 0:15 | 353700.001 | 26.6 | 15.989 | 59.919 | 33289.066 | 40209.816 | 25.781 | 27.343 | 30.04 | 1.018 | 14.692 |
| 9/10/2018 0:30 | 354600 | 26.607 | 15.999 | 59.935 | 33264.332 | 40170.082 | 25.753 | 27.316 | 30.062 | 1.018 | 14.681 |
| 9/10/2018 0:45 | 355500 | 26.603 | 16.04 | 59.926 | 33323.449 | 40203.738 | 25.779 | 27.339 | 30.009 | 1.018 | 14.684 |
| 9/10/2018 1:00 | 356400 | 26.599 | 16.058 | 59.917 | 33313.688 | 40175.445 | 25.76 | 27.319 | 30.018 | 1.018 | 14.682 |
| 9/10/2018 1:15 | 357300 | 26.589 | 16.075 | 59.895 | 33318.93 | 40166.07 | 25.754 | 27.313 | 30.013 | 1.018 | 14.681 |
| 9/10/2018 1:30 | 358200 | 26.571 | 16.106 | 59.855 | 33193.566 | 39986.629 | 25.629 | 27.191 | 30.126 | 1.018 | 14.688 |
| 9/10/2018 1:45 | 359100 | 26.574 | 16.137 | 59.861 | 33167.613 | 39926.789 | 25.588 | 27.15 | 30.15 | 1.018 | 14.681 |
| 9/10/2018 2:00 | 360000 | 26.551 | 16.156 | 59.809 | 33098.383 | 39825.754 | 25.517 | 27.082 | 30.213 | 1.018 | 14.688 |
| 9/10/2018 2:15 | 360900.001 | 26.533 | 16.165 | 59.769 | 33114.598 | 39836.891 | 25.526 | 27.089 | 30.198 | 1.018 | 14.689 |
| 9/10/2018 2:30 | 361800 | 26.528 | 16.176 | 59.758 | 33090.461 | 39725.66 | 25.447 | 27.013 | 30.275 | 1.018 | 14.684 |
| 9/10/2018 2:45 | 362700 | 26.527 | 16.183 | 59.753 | 32979.534 | 39649.996 | 25.394 | 26.967 | 30.352 | 1.018 | 14.686 |
| 9/10/2018 3:00 | 363600 | 26.505 | 16.19 | 59.706 | 32945.988 | 39611.199 | 25.367 | 26.936 | 30.353 | 1.018 | 14.687 |
| 9/10/2018 3:15 | 364500 | 26.487 | 16.188 | 59.666 | 32958.496 | 39628.465 | 25.379 | 26.947 | 30.341 | 1.018 | 14.686 |
| 9/10/2018 3:30 | 365400 | 26.48 | 16.204 | 59.65 | 32900.945 | 39544.199 | 25.32 | 26.89 | 30.394 | 1.018 | 14.681 |
| 9/10/2018 3:45 | 366300 | 26.474 | 16.213 | 59.635 | 32791.652 | 39405.449 | 25.223 | 26.796 | 30.496 | 1.018 | 14.68 |
| 9/10/2018 4:00 | 367200 | 26.457 | 16.227 | 59.597 | 32756.762 | 39350.668 | 25.184 | 26.758 | 30.528 | 1.018 | 14.682 |
| 9/10/2018 4:15 | 368100 | 26.45 | 16.235 | 59.584 | 32727.945 | 39277.945 | 25.159 | 26.727 | 30.565 | 1.018 | 14.687 |
| 9/10/2018 4:30 | 369000 | 26.43 | 16.233 | 59.536 | 32722.068 | 39303.363 | 25.151 | 26.726 | 30.56 | 1.018 | 14.684 |
| 9/10/2018 4:45 | 369900 | 26.434 | 16.233 | 59.546 | 32617.371 | 39177.383 | 25.062 | 26.641 | 30.659 | 1.018 | 14.675 |
| 9/10/2018 5:00 | 370800 | 26.42 | 16.23 | 59.513 | 32598.551 | 39157.605 | 25.048 | 26.627 | 30.676 | 1.018 | 14.679 |
| 9/10/2018 5:15 | 371700 | 26.424 | 16.227 | 59.523 | 32621.449 | 39187.965 | 25.069 | 26.648 | 30.655 | 1.018 | 14.675 |
| 9/10/2018 5:30 | 372600 | 26.414 | 16.225 | 59.499 | 32540.91 | 39092.941 | 25.002 | 26.583 | 30.731 | 1.018 | 14.678 |
| 9/10/2018 5:45 | 373500 | 26.403 | 16.219 | 59.472 | 32558.217 | 39111.766 | 25.016 | 26.596 | 30.714 | 1.018 | 14.686 |
| 9/10/2018 6:00 | 374400 | 26.399 | 16.223 | 59.467 | 32463.141 | 39001.246 | 24.937 | 26.521 | 30.804 | 1.018 | 14.688 |
| 9/10/2018 6:15 | 375300 | 26.405 | 16.213 | 59.479 | 32502.969 | 39057.836 | 24.977 | 26.559 | 30.766 | 1.018 | 14.682 |
| 9/10/2018 6:30 | 376200 | 26.409 | 16.209 | 59.488 | 32443.619 | 38990.523 | 24.929 | 26.514 | 30.823 | 1.018 | 14.68 |
| 9/10/2018 6:45 | 377100 | 26.41 | 16.209 | 59.491 | 32439.854 | 38985.914 | 24.926 | 26.51 | 30.826 | 1.018 | 14.684 |
| 9/10/2018 7:00 | 378000 | 26.411 | 16.204 | 59.492 | 32422.795 | 38970.125 | 24.914 | 26.5 | 30.842 | 1.018 | 14.688 |
| 9/10/2018 7:15 | 378900 | 26.415 | 16.205 | 59.498 | 32448.59 | 39008.141 | 24.941 | 26.526 | 30.818 | 1.018 | 14.688 |
| 9/10/2018 7:30 | 379800 | 26.411 | 16.189 | 59.515 | 32471.311 | 39042.066 | 24.964 | 26.549 | 30.796 | 1.018 | 14.69 |
| 9/10/2018 7:45 | 380700 | 26.426 | 16.183 | 59.526 | 32427.154 | 38994.008 | 24.93 | 26.516 | 30.838 | 1.018 | 14.693 |
| 9/10/2018 8:00 | 381600 | 26.437 | 16.171 | 59.551 | 32426.277 | 39003.18 | 24.936 | 26.522 | 30.839 | 1. | |

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|-----------------|------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/11/2018 16:15 | 497700 | 26.533 | 16.18 | 59.769 | 33009.27 | 39696.332 | 25.427 | 26.994 | 30.295 | 1.018 | 14.668 |
| 9/11/2018 16:30 | 498600 | 26.523 | 16.187 | 59.746 | 32987.496 | 39664.293 | 25.404 | 26.972 | 30.315 | 1.018 | 14.669 |
| 9/11/2018 16:45 | 499500.001 | 26.509 | 16.18 | 59.714 | 32954.348 | 39630.918 | 25.38 | 26.949 | 30.345 | 1.018 | 14.67 |
| 9/11/2018 17:00 | 500400.001 | 26.51 | 16.192 | 59.715 | 32901.609 | 39556.637 | 25.328 | 26.899 | 30.394 | 1.018 | 14.666 |
| 9/11/2018 17:15 | 501300 | 26.504 | 16.197 | 59.702 | 32864.848 | 39507.5 | 25.294 | 26.865 | 30.428 | 1.018 | 14.661 |
| 9/11/2018 17:30 | 502200 | 26.489 | 16.206 | 59.668 | 32826.945 | 39453.672 | 25.256 | 26.828 | 30.463 | 1.018 | 14.664 |
| 9/11/2018 17:45 | 503100 | 26.486 | 16.207 | 59.663 | 32789.684 | 39408.25 | 25.224 | 26.798 | 30.497 | 1.018 | 14.656 |
| 9/11/2018 18:00 | 504000 | 26.471 | 16.211 | 59.629 | 32785.141 | 39398.973 | 25.218 | 26.791 | 30.502 | 1.018 | 14.661 |
| 9/11/2018 18:15 | 504900 | 26.463 | 16.208 | 59.612 | 32731.305 | 39336.82 | 25.174 | 26.749 | 30.552 | 1.018 | 14.663 |
| 9/11/2018 18:30 | 505800 | 26.461 | 16.211 | 59.607 | 32701.936 | 39298.984 | 25.147 | 26.723 | 30.579 | 1.018 | 14.657 |
| 9/11/2018 18:45 | 506700 | 26.463 | 16.213 | 59.61 | 32706.27 | 39302.918 | 25.15 | 26.726 | 30.575 | 1.018 | 14.656 |
| 9/11/2018 19:00 | 507600 | 26.459 | 16.203 | 59.602 | 32678.6 | 39277.977 | 25.132 | 26.709 | 30.601 | 1.018 | 14.655 |
| 9/11/2018 19:15 | 508500.001 | 26.456 | 16.204 | 59.594 | 32663.957 | 39251.258 | 25.12 | 26.706 | 30.615 | 1.018 | 14.661 |
| 9/11/2018 19:30 | 509400 | 26.455 | 16.193 | 59.592 | 32642.549 | 39227.952 | 25.107 | 26.682 | 30.635 | 1.018 | 14.652 |
| 9/11/2018 19:45 | 510300 | 26.466 | 16.183 | 59.617 | 32624.33 | 39230.949 | 25.098 | 26.677 | 30.652 | 1.018 | 14.657 |
| 9/11/2018 20:00 | 511200 | 26.466 | 16.181 | 59.617 | 32634.857 | 39245.746 | 25.108 | 26.687 | 30.642 | 1.018 | 14.666 |
| 9/11/2018 20:15 | 512100 | 26.476 | 16.175 | 59.64 | 32615.385 | 39227.863 | 25.095 | 26.675 | 30.66 | 1.018 | 14.656 |
| 9/11/2018 20:30 | 513000 | 26.473 | 16.174 | 59.632 | 32605.484 | 39216.836 | 25.087 | 26.667 | 30.67 | 1.018 | 14.662 |
| 9/11/2018 20:45 | 513900 | 26.474 | 16.16 | 59.626 | 32587.098 | 39206.898 | 25.08 | 26.661 | 30.687 | 1.018 | 14.667 |
| 9/11/2018 21:00 | 514800 | 26.484 | 16.142 | 59.658 | 32592.908 | 39230.449 | 25.095 | 26.677 | 30.682 | 1.018 | 14.673 |
| 9/11/2018 21:15 | 515700 | 26.5 | 16.13 | 59.695 | 32617.145 | 39270.418 | 25.123 | 26.704 | 30.659 | 1.018 | 14.667 |
| 9/11/2018 21:30 | 516600 | 26.498 | 16.103 | 59.689 | 32590.375 | 39262.691 | 25.116 | 26.699 | 30.684 | 1.018 | 14.671 |
| 9/11/2018 21:45 | 517500 | 26.509 | 16.096 | 59.715 | 32579.076 | 39255.266 | 25.11 | 26.694 | 30.695 | 1.018 | 14.676 |
| 9/11/2018 22:00 | 518400 | 26.521 | 16.085 | 59.741 | 32588.83 | 39276.309 | 25.125 | 26.708 | 30.685 | 1.018 | 14.675 |
| 9/11/2018 22:15 | 519300 | 26.523 | 16.085 | 59.746 | 32610.359 | 39302.98 | 25.144 | 26.726 | 30.665 | 1.018 | 14.682 |
| 9/11/2018 22:30 | 520200 | 26.538 | 16.086 | 59.779 | 32612.318 | 39304.066 | 25.145 | 26.727 | 30.663 | 1.018 | 14.677 |
| 9/11/2018 22:45 | 521100.001 | 26.551 | 16.081 | 59.81 | 32631.563 | 39331.953 | 25.164 | 26.746 | 30.645 | 1.018 | 14.678 |
| 9/11/2018 23:00 | 522000 | 26.564 | 16.072 | 59.837 | 32671.371 | 39387.754 | 25.203 | 26.784 | 30.608 | 1.018 | 14.68 |
| 9/11/2018 23:15 | 522900 | 26.568 | 16.058 | 59.848 | 32679.607 | 39410.52 | 25.218 | 26.799 | 30.6 | 1.018 | 14.678 |
| 9/11/2018 23:30 | 523800 | 26.584 | 16.052 | 59.884 | 32710.334 | 39452.762 | 25.248 | 26.828 | 30.571 | 1.018 | 14.675 |
| 9/11/2018 23:45 | 524700 | 26.583 | 16.047 | 59.881 | 32724.488 | 39533.008 | 25.304 | 26.882 | 30.513 | 1.018 | 14.666 |
| 9/12/2018 00:00 | 525600 | 26.597 | 16.042 | 59.911 | 32800.219 | 39570.867 | 25.331 | 26.908 | 30.488 | 1.018 | 14.679 |
| 9/12/2018 0:15 | 526500 | 26.605 | 16.038 | 59.93 | 32838.434 | 39620.504 | 25.366 | 26.942 | 30.452 | 1.018 | 14.674 |
| 9/12/2018 0:30 | 527400 | 26.601 | 16.029 | 59.921 | 32884.109 | 39683.984 | 25.41 | 26.985 | 30.41 | 1.018 | 14.685 |
| 9/12/2018 0:45 | 528300 | 26.609 | 16.027 | 59.939 | 32925.508 | 39735.305 | 25.447 | 27.02 | 30.372 | 1.018 | 14.686 |
| 9/12/2018 1:00 | 529200 | 26.618 | 16.019 | 59.96 | 32964.777 | 39789.953 | 25.485 | 27.057 | 30.335 | 1.018 | 14.679 |
| 9/12/2018 1:15 | 530100 | 26.617 | 16.019 | 59.999 | 32999.063 | 39834.164 | 25.516 | 27.087 | 30.304 | 1.018 | 14.681 |
| 9/12/2018 1:30 | 531000 | 26.618 | 16.019 | 59.959 | 33008.664 | 39843.406 | 25.522 | 27.094 | 30.295 | 1.018 | 14.687 |
| 9/12/2018 1:45 | 531900 | 26.611 | 16.021 | 59.944 | 33056.258 | 39888.828 | 25.562 | 27.131 | 30.251 | 1.018 | 14.686 |
| 9/12/2018 2:00 | 532800 | 26.603 | 16.024 | 59.927 | 33042.926 | 39880.32 | 25.549 | 27.119 | 30.264 | 1.018 | 14.685 |
| 9/12/2018 2:15 | 533700 | 26.609 | 16.026 | 59.939 | 33094.07 | 39939.465 | 25.591 | 27.159 | 30.217 | 1.018 | 14.685 |
| 9/12/2018 2:30 | 534600 | 26.602 | 16.049 | 59.923 | 33098.328 | 39923.645 | 25.581 | 27.148 | 30.213 | 1.019 | 14.685 |
| 9/12/2018 2:45 | 535500 | 26.591 | 16.093 | 59.899 | 33115.473 | 39904.16 | 25.57 | 27.135 | 30.197 | 1.018 | 14.688 |
| 9/12/2018 3:00 | 536400 | 26.591 | 16.093 | 59.899 | 33145.344 | 39931.363 | 25.589 | 27.163 | 30.177 | 1.018 | 14.679 |
| 9/12/2018 3:15 | 537300 | 26.581 | 16.121 | 59.875 | 33157.551 | 39929.195 | 25.589 | 27.152 | 30.159 | 1.018 | 14.686 |
| 9/12/2018 3:30 | 538200 | 26.571 | 16.13 | 59.853 | 33102.602 | 39854.492 | 25.536 | 27.101 | 30.209 | 1.018 | 14.682 |
| 9/12/2018 3:45 | 539100 | 26.567 | 16.151 | 59.845 | 33064.914 | 39789.816 | 25.492 | 27.057 | 30.244 | 1.018 | 14.684 |
| 9/12/2018 4:00 | 540000 | 26.555 | 16.177 | 59.818 | 33052.637 | 39751.125 | 25.466 | 27.031 | 30.255 | 1.018 | 14.678 |
| 9/12/2018 4:15 | 540900 | 26.551 | 16.186 | 59.808 | 33002.063 | 39682.703 | 25.417 | 26.984 | 30.301 | 1.018 | 14.682 |
| 9/12/2018 4:30 | 541800 | 26.542 | 16.192 | 59.789 | 33001.969 | 39677.059 | 25.414 | 26.98 | 30.301 | 1.018 | 14.683 |
| 9/12/2018 4:45 | 542700 | 26.53 | 16.201 | 59.762 | 32971.363 | 39631.945 | 25.382 | 26.95 | 30.329 | 1.018 | 14.683 |
| 9/12/2018 5:00 | 543600 | 26.52 | 16.2 | 59.739 | 32927.77 | 39580.758 | 25.346 | 26.915 | 30.37 | 1.018 | 14.683 |
| 9/12/2018 5:15 | 544500 | 26.506 | 16.207 | 59.708 | 32881.801 | 39518.484 | 25.302 | 26.873 | 30.412 | 1.018 | 14.686 |
| 9/12/2018 5:30 | 545400 | 26.501 | 16.222 | 59.697 | 32854.16 | 39471.969 | 25.27 | 26.841 | 30.438 | 1.018 | 14.687 |
| 9/12/2018 5:45 | 546300 | 26.496 | 16.222 | 59.684 | 32792.688 | 39398.332 | 25.218 | 26.791 | 30.495 | 1.018 | 14.684 |
| 9/12/2018 6:00 | 547200 | 26.484 | 16.224 | 59.659 | 32775.227 | 39375.785 | 25.202 | 26.776 | 30.511 | 1.018 | 14.686 |
| 9/12/2018 6:15 | 548100 | 26.483 | 16.221 | 59.655 | 32747.209 | 39344.742 | 25.18 | 26.754 | 30.537 | 1.018 | 14.684 |
| 9/12/2018 6:30 | 549000 | 26.465 | 16.219 | 59.615 | 32699.57 | 39289.406 | 25.141 | 26.717 | 30.581 | 1.018 | 14.696 |
| 9/12/2018 6:45 | 549900 | 26.47 | 16.212 | 59.626 | 32699.318 | 39294.969 | 25.144 | 26.721 | 30.582 | 1.018 | 14.692 |
| 9/12/2018 7:00 | 550800 | 26.469 | 16.213 | 59.624 | 32663.547 | 39251.188 | 25.113 | 26.691 | 30.615 | 1.018 | 14.688 |
| 9/12/2018 7:15 | 551700 | 26.473 | 16.205 | 59.633 | 32627.508 | 39215.398 | 25.088 | 26.666 | 30.649 | 1.018 | 14.689 |
| 9/12/2018 7:30 | 552600 | 26.466 | 16.198 | 59.656 | 32604.547 | 39193.995 | 25.072 | 26.653 | 30.671 | 1.018 | 14.7 |
| 9/12/2018 7:45 | 553500 | 26.468 | 16.209 | 59.621 | 32608.691 | 39189.063 | 25.069 | 26.649 | 30.667 | 1.018 | 14.701 |
| 9/12/2018 8:00 | 554400 | 26.472 | 16.196 | 59.63 | 32572.877 | 39157.859 | 25.047 | 26.627 | 30.7 | 1.018 | 14.701 |
| 9/12/2018 8:15 | 555300 | 26.466 | 16.201 | 59.616 | 32565.443 | 39144.105 | 25.037 | 26.618 | 30.707 | 1.018 | 14.705 |
| 9/12/2018 8:30 | 556200 | 26.477 | 16.188 | 59.642 | 32566.6 | 39157.191 | 25.046 | 26.627 | 30.706 | 1.018 | 14.704 |
| 9/12/2018 8:45 | 557100 | 26.48 | 16.178 | 59.648 | 32564.207 | 39163.469 | 25.05 | 26.631 | 30.709 | 1.018 | 14.705 |
| 9/12/2018 9:00 | 558000 | 26.471 | 16.171 | 59.656 | 32573.078 | 39180.13 | 25.061 | 26.643 | 30.7 | 1.018 | 14.713 |
| 9/12/2018 9:15 | 558900 | 26.495 | 16.162 | 59.682 | 32537.965 | 39145.66 | 25.036 | 26.619 | 30.733 | 1.018 | 14.711 |
| 9/12/2018 9:30 | 559800 | 26.505 | 16.148 | 59.704 | 32551.078 | 39174.086 | 25.056 | 26.638 | 30.721 | 1.018 | 14.71 |
| 9/12/2018 9:45 | 560700 | 26.504 | 16.131 | 59.702 | 32549.576 | 39187.555 | 25.064 | 26.648 | 30.722 | 1.018 | 14.715 |
| 9/12/2018 10:00 | 561600 | 26.517 | 16.109 | 59.733 | 32530.029 | 39184.055 | 25.061 | 26.645 | 30.741 | 1.018 | 14.713 |
| 9/12/2018 10:15 | 562500 | 26.517 | 16.102 | 59.732 | 32521.115 | 39179.57 | 25.057 | 26.642 | 30.749 | 1.018 | 14.724 |
| 9/12/2018 10:30 | 563400.006 | 26.516 | 16.109 | 59.735 | 32527.585 | 39193.445 | 25.067 | 26.652 | 30.748 | 1.018 | 14.719 |
| 9/12/2018 10:45 | 564300 | 26.545 | 16.092 | 59.794 | 32555.398 | 39230.313 | 25.093 | 26.677 | 30.717 | 1.018 | 14.719 |
| 9/12/2018 11:00 | 565200 | 26.556 | 16.094 | 59.821 | 32562.988 | 39237.473 | 25.098 | 26.681 | 30.71 | 1.018 | 14.719 |
| 9/12/2018 11:15 | 566100 | 26.566 | 16.083 | 59.843 | 32596.764 | 39288.188 | 25.133 | 26.716 | 30.678 | 1.018 | 14.724 |
| 9/12/2018 11:30 | 567000 | 26.58 | 16.077 | 59.874 | 32611.174 | 39310.645 | 25.149 | 26.731 | 30.664 | 1.018 | 14.72 |
| 9/12/2018 11:45 | 567900 | 26.59 | 16.067 | 59.896 | 32639.469 | 39353.98 | 25.179 | 26.761 | 30.618 | 1.018 | 14.725 |
| 9/12/2018 12:00 | 568800 | 26.6 | 16.058 | 59.92 | 32649.34 | 39374.172 | 25.193 | 26.774 | 30.628 | 1.018 | 14.722 |
| 9/12/2018 12:15 | 569700 | 26.606 | 16.051 | 59.932 | 32726.863 | 39473.984 | 25.263 | 26.842 | 30.556 | 1.018 | 14.72 |
| 9/12/2018 12:30 | 570600 | 26.606 | 16.046 | 59.933 | 32756.947 | 39514.594 | 25.291 | 26.87 | 30.528 | 1.018 | 14.722 |
| 9/12/2018 12:45 | 571500 | 26.613 | 16.042 | 59.949 | | | | | | | |

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|-----------------|------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/13/2018 21:00 | 687600 | 26.435 | 16.237 | 59.547 | 32633.387 | 39193.207 | 25.074 | 26.651 | 30.643 | 1.018 | 14.713 |
| 9/13/2018 21:15 | 688500 | 26.432 | 16.24 | 59.542 | 32630.789 | 39187.891 | 25.07 | 26.648 | 30.646 | 1.018 | 14.72 |
| 9/13/2018 21:30 | 689400 | 26.429 | 16.233 | 59.533 | 32644.816 | 39210.574 | 25.086 | 26.663 | 30.633 | 1.018 | 14.723 |
| 9/13/2018 21:45 | 690300 | 26.434 | 16.229 | 59.546 | 32632.92 | 39176.059 | 25.061 | 26.64 | 30.663 | 1.018 | 14.72 |
| 9/13/2018 22:00 | 691200 | 26.442 | 16.218 | 59.564 | 32594.109 | 39163.398 | 25.052 | 26.631 | 30.638 | 1.018 | 14.714 |
| 9/13/2018 22:15 | 692100 | 26.445 | 16.217 | 59.569 | 32589.895 | 39159.055 | 25.048 | 26.628 | 30.684 | 1.018 | 14.712 |
| 9/13/2018 22:30 | 693000 | 26.445 | 16.215 | 59.57 | 32591.857 | 39168.688 | 25.055 | 26.635 | 30.683 | 1.018 | 14.716 |
| 9/13/2018 22:45 | 693900 | 26.447 | 16.209 | 59.575 | 32598.486 | 39176.559 | 25.06 | 26.64 | 30.676 | 1.018 | 14.717 |
| 9/13/2018 23:00 | 694800 | 26.458 | 16.209 | 59.599 | 32550.217 | 39118.633 | 25.02 | 26.601 | 30.722 | 1.018 | 14.71 |
| 9/13/2018 23:15 | 695700 | 26.464 | 16.199 | 59.614 | 32563.045 | 39142.563 | 25.036 | 26.617 | 30.71 | 1.018 | 14.712 |
| 9/13/2018 23:30 | 696600 | 26.47 | 16.196 | 59.626 | 32570.273 | 39154.73 | 25.044 | 26.625 | 30.703 | 1.018 | 14.717 |
| 9/13/2018 23:45 | 697500 | 26.482 | 16.188 | 59.63 | 32548.725 | 39155.934 | 25.031 | 26.612 | 30.723 | 1.018 | 14.714 |
| 9/14/2018 00:00 | 698400 | 26.494 | 16.18 | 59.646 | 32556.197 | 39153.27 | 25.043 | 26.624 | 30.716 | 1.018 | 14.713 |
| 9/14/2018 00:15 | 699300 | 26.493 | 16.164 | 59.678 | 32547.564 | 39155.551 | 25.043 | 26.626 | 30.724 | 1.018 | 14.716 |
| 9/14/2018 00:30 | 700200 | 26.505 | 16.163 | 59.704 | 32556.26 | 39166.719 | 25.051 | 26.633 | 30.716 | 1.018 | 14.718 |
| 9/14/2018 00:45 | 701100 | 26.5 | 16.172 | 59.694 | 32572.092 | 39178.168 | 25.06 | 26.641 | 30.701 | 1.018 | 14.723 |
| 9/14/2018 1:00 | 702000.001 | 26.503 | 16.161 | 59.7 | 32574.094 | 39190.395 | 25.068 | 26.649 | 30.699 | 1.018 | 14.723 |
| 9/14/2018 1:15 | 702900 | 26.524 | 16.146 | 59.747 | 32546.561 | 39170.934 | 25.053 | 26.636 | 30.725 | 1.018 | 14.717 |
| 9/14/2018 1:30 | 703800 | 26.527 | 16.13 | 59.759 | 32552.75 | 39192.957 | 25.068 | 26.651 | 30.719 | 1.018 | 14.721 |
| 9/14/2018 1:45 | 704700 | 26.52 | 16.122 | 59.738 | 32548.73 | 39194.609 | 25.069 | 26.652 | 30.723 | 1.018 | 14.722 |
| 9/14/2018 2:00 | 705600 | 26.533 | 16.123 | 59.768 | 32556.936 | 39204.262 | 25.076 | 26.659 | 30.715 | 1.018 | 14.715 |
| 9/14/2018 2:15 | 706500 | 26.527 | 16.124 | 59.755 | 32558.813 | 39205.715 | 25.077 | 26.66 | 30.714 | 1.018 | 14.721 |
| 9/14/2018 2:30 | 707400 | 26.537 | 16.122 | 59.777 | 32555.635 | 39203.48 | 25.075 | 26.658 | 30.717 | 1.018 | 14.72 |
| 9/14/2018 2:45 | 708300 | 26.533 | 16.119 | 59.768 | 32568.871 | 39221.645 | 25.088 | 26.671 | 30.704 | 1.018 | 14.724 |
| 9/14/2018 3:00 | 709200 | 26.541 | 16.12 | 59.786 | 32522.223 | 39217.207 | 25.099 | 26.681 | 30.691 | 1.018 | 14.725 |
| 9/14/2018 3:15 | 710100 | 26.543 | 16.119 | 59.791 | 32604.191 | 39264.086 | 25.118 | 26.7 | 30.671 | 1.018 | 14.716 |
| 9/14/2018 3:30 | 711000 | 26.541 | 16.121 | 59.786 | 32620.146 | 39281.48 | 25.13 | 26.711 | 30.656 | 1.018 | 14.717 |
| 9/14/2018 3:45 | 711900 | 26.547 | 16.123 | 59.799 | 32623.275 | 39283.508 | 25.132 | 26.713 | 30.653 | 1.018 | 14.717 |
| 9/14/2018 4:00 | 712800 | 26.54 | 16.131 | 59.785 | 32649.064 | 39307.332 | 25.149 | 26.729 | 30.629 | 1.018 | 14.719 |
| 9/14/2018 4:15 | 713700 | 26.532 | 16.137 | 59.767 | 32625.91 | 39274.066 | 25.126 | 26.706 | 30.65 | 1.018 | 14.715 |
| 9/14/2018 4:30 | 714600 | 26.539 | 16.136 | 59.782 | 32666.896 | 39303.16 | 25.148 | 26.726 | 30.612 | 1.018 | 14.713 |
| 9/14/2018 4:45 | 715500 | 26.521 | 16.179 | 59.742 | 32683.238 | 39305.762 | 25.15 | 26.728 | 30.597 | 1.018 | 14.713 |
| 9/14/2018 5:00 | 716400 | 26.529 | 16.194 | 59.76 | 32727.469 | 39344.652 | 25.179 | 26.754 | 30.555 | 1.018 | 14.71 |
| 9/14/2018 5:15 | 717300 | 26.529 | 16.208 | 59.759 | 32742.926 | 39351.414 | 25.184 | 26.759 | 30.541 | 1.018 | 14.704 |
| 9/14/2018 5:30 | 718200 | 26.518 | 16.22 | 59.734 | 32715.045 | 39306.809 | 25.153 | 26.729 | 30.567 | 1.018 | 14.708 |
| 9/14/2018 5:45 | 719100 | 26.512 | 16.223 | 59.721 | 32752.041 | 39348.25 | 25.183 | 26.757 | 30.532 | 1.018 | 14.708 |
| 9/14/2018 6:00 | 720000 | 26.506 | 16.229 | 59.716 | 32731.611 | 39318.707 | 25.162 | 26.737 | 30.527 | 1.018 | 14.71 |
| 9/14/2018 6:15 | 720900 | 26.5 | 16.23 | 59.694 | 32739.918 | 39327.895 | 25.169 | 26.742 | 30.544 | 1.018 | 14.709 |
| 9/14/2018 6:30 | 721800 | 26.5 | 16.233 | 59.694 | 32709.801 | 39288.871 | 25.141 | 26.716 | 30.572 | 1.018 | 14.705 |
| 9/14/2018 6:45 | 722700 | 26.489 | 16.235 | 59.669 | 32706.813 | 39282.906 | 25.137 | 26.712 | 30.575 | 1.018 | 14.707 |
| 9/14/2018 7:00 | 723600 | 26.488 | 16.237 | 59.666 | 32717.166 | 39294.16 | 25.145 | 26.712 | 30.565 | 1.018 | 14.705 |
| 9/14/2018 7:15 | 724500 | 26.483 | 16.236 | 59.655 | 32679.863 | 39250.227 | 25.114 | 26.69 | 30.6 | 1.018 | 14.701 |
| 9/14/2018 7:30 | 725400 | 26.479 | 16.232 | 59.646 | 32666.639 | 39237.426 | 25.105 | 26.681 | 30.612 | 1.018 | 14.707 |
| 9/14/2018 7:45 | 726300 | 26.479 | 16.238 | 59.648 | 32635.666 | 39194.848 | 25.075 | 26.652 | 30.647 | 1.018 | 14.71 |
| 9/14/2018 8:00 | 727200 | 26.468 | 16.238 | 59.621 | 32654.115 | 39217.246 | 25.091 | 26.668 | 30.624 | 1.018 | 14.715 |
| 9/14/2018 8:15 | 728100 | 26.468 | 16.244 | 59.622 | 32618.697 | 39169.027 | 25.057 | 26.635 | 30.657 | 1.018 | 14.711 |
| 9/14/2018 8:30 | 729000 | 26.468 | 16.248 | 59.622 | 32620.77 | 39168.129 | 25.056 | 26.634 | 30.655 | 1.018 | 14.708 |
| 9/14/2018 8:45 | 729900 | 26.467 | 16.254 | 59.62 | 32607.598 | 39147.418 | 25.042 | 26.62 | 30.668 | 1.018 | 14.709 |
| 9/14/2018 9:00 | 730800 | 26.471 | 16.242 | 59.629 | 32597.629 | 39145.625 | 25.04 | 26.619 | 30.677 | 1.018 | 14.709 |
| 9/14/2018 9:15 | 731700 | 26.466 | 16.244 | 59.617 | 32583.666 | 39136.961 | 25.027 | 26.606 | 30.69 | 1.018 | 14.705 |
| 9/14/2018 9:30 | 732600 | 26.473 | 16.243 | 59.633 | 32581.094 | 39125.215 | 25.026 | 26.605 | 30.693 | 1.018 | 14.704 |
| 9/14/2018 9:45 | 733500 | 26.476 | 16.241 | 59.641 | 32571.66 | 39115.137 | 25.019 | 26.598 | 30.702 | 1.018 | 14.706 |
| 9/14/2018 10:00 | 734400 | 26.473 | 16.23 | 59.633 | 32577.531 | 39132.922 | 25.031 | 26.61 | 30.696 | 1.018 | 14.713 |
| 9/14/2018 10:15 | 735300 | 26.48 | 16.223 | 59.649 | 32565.287 | 39124.348 | 25.024 | 26.605 | 30.708 | 1.018 | 14.713 |
| 9/14/2018 10:30 | 736200 | 26.488 | 16.221 | 59.666 | 32569.975 | 39131.871 | 25.029 | 26.61 | 30.703 | 1.018 | 14.709 |
| 9/14/2018 10:45 | 737100 | 26.49 | 16.222 | 59.689 | 32571.213 | 39134.234 | 25.031 | 26.611 | 30.702 | 1.018 | 14.705 |
| 9/14/2018 11:00 | 738000 | 26.506 | 16.197 | 59.707 | 32542.646 | 39119.953 | 25.02 | 26.602 | 30.729 | 1.018 | 14.706 |
| 9/14/2018 11:15 | 738900 | 26.507 | 16.166 | 59.711 | 32536.75 | 39141.355 | 25.033 | 26.616 | 30.734 | 1.018 | 14.704 |
| 9/14/2018 11:30 | 739800 | 26.519 | 16.145 | 59.737 | 32497.762 | 39112.609 | 25.012 | 26.597 | 30.771 | 1.018 | 14.706 |
| 9/14/2018 11:45 | 740700 | 26.525 | 16.135 | 59.749 | 32508.67 | 39134.746 | 25.027 | 26.612 | 30.761 | 1.018 | 14.705 |
| 9/14/2018 12:00 | 741600 | 26.531 | 16.125 | 59.765 | 32500.613 | 39134.379 | 25.026 | 26.611 | 30.769 | 1.018 | 14.706 |
| 9/14/2018 12:15 | 742500 | 26.534 | 16.121 | 59.771 | 32521.949 | 39156.715 | 25.049 | 26.633 | 30.748 | 1.018 | 14.705 |
| 9/14/2018 12:30 | 743400 | 26.544 | 16.116 | 59.793 | 32515.361 | 39160.367 | 25.044 | 26.629 | 30.755 | 1.018 | 14.706 |
| 9/14/2018 12:45 | 744300 | 26.557 | 16.11 | 59.822 | 32566.043 | 39226.559 | 25.091 | 26.674 | 30.707 | 1.018 | 14.699 |
| 9/14/2018 13:00 | 745200 | 26.557 | 16.104 | 59.822 | 32561.85 | 39226.973 | 25.091 | 26.674 | 30.711 | 1.018 | 14.701 |
| 9/14/2018 13:15 | 746100 | 26.569 | 16.097 | 59.849 | 32601.434 | 39281.504 | 25.129 | 26.711 | 30.673 | 1.018 | 14.695 |
| 9/14/2018 13:30 | 747000 | 26.578 | 16.094 | 59.87 | 32630.717 | 39319.168 | 25.156 | 26.737 | 30.646 | 1.018 | 14.692 |
| 9/14/2018 13:45 | 747900 | 26.584 | 16.092 | 59.882 | 32663.486 | 39364.164 | 25.187 | 26.765 | 30.615 | 1.018 | 14.688 |
| 9/14/2018 14:00 | 748800 | 26.587 | 16.084 | 59.89 | 32681.137 | 39389.32 | 25.205 | 26.785 | 30.599 | 1.018 | 14.693 |
| 9/14/2018 14:15 | 749700 | 26.596 | 16.079 | 59.91 | 32713.584 | 39432.34 | 25.235 | 26.814 | 30.568 | 1.018 | 14.691 |
| 9/14/2018 14:30 | 750600 | 26.604 | 16.075 | 59.928 | 32721.896 | 39445.785 | 25.244 | 26.823 | 30.561 | 1.018 | 14.685 |
| 9/14/2018 14:45 | 751500 | 26.603 | 16.07 | 59.926 | 32785.398 | 39527.617 | 25.302 | 26.879 | 30.501 | 1.018 | 14.685 |
| 9/14/2018 15:00 | 752400 | 26.611 | 16.068 | 59.943 | 32797.523 | 39544.156 | 25.313 | 26.89 | 30.49 | 1.018 | 14.681 |
| 9/14/2018 15:15 | 753300 | 26.606 | 16.063 | 59.933 | 32835.943 | 39591.84 | 25.347 | 26.922 | 30.467 | 1.018 | 14.687 |
| 9/14/2018 15:30 | 754200 | 26.606 | 16.064 | 59.932 | 32833.906 | 39591.551 | 25.347 | 26.922 | 30.456 | 1.018 | 14.688 |
| 9/14/2018 15:45 | 755100 | 26.61 | 16.063 | 59.941 | 32880.715 | 39648.715 | 25.387 | 26.961 | 30.413 | 1.018 | 14.684 |
| 9/14/2018 16:00 | 756000 | 26.607 | 16.067 | 59.934 | 32894.039 | 39661.246 | 25.396 | 26.97 | 30.401 | 1.018 | 14.683 |
| 9/14/2018 16:15 | 756900 | 26.609 | 16.07 | 59.94 | 32919.523 | 39689.012 | 25.416 | 26.989 | 30.377 | 1.018 | 14.681 |
| 9/14/2018 16:30 | 757800 | 26.605 | 16.076 | 59.93 | 32918.184 | 39682.25 | 25.412 | 26.984 | 30.378 | 1.018 | 14.679 |
| 9/14/2018 16:45 | 758700 | 26.6 | 16.092 | 59.92 | 32957.75 | 39715.242 | 25.436 | 27.006 | 30.342 | 1.018 | 14.678 |
| 9/14/2018 17:00 | 759600 | 26.593 | 16.112 | 59.909 | 32969.203 | 39749.205 | 25.425 | 26.995 | 30.325 | 1.018 | 14.675 |
| 9/14/2018 17:15 | 760500 | 26.579 | 16.148 | 59.872 | 33017.426 | 39735.398 | 25.453 | 27.02 | 30.287 | 1.018 | 14.678 |
| 9/14/2018 17:30 | 761400 | 26.585 | 16.18 | 59.885 | 33020.402 | 39710. | | | | | |

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|-----------------|------------|--------|--------|--------|-----------|-----------|--------|--------|-------|---------|--------|
| 9/16/2018 1:45 | 877500 | 26.478 | 16.236 | 59.644 | 32475.398 | 39004.098 | 24.94 | 26.523 | 30793 | 1.018 | 14.715 |
| 9/16/2018 2:00 | 878400 | 26.482 | 16.229 | 59.653 | 32479.432 | 39015.625 | 24.948 | 26.531 | 30789 | 1.018 | 14.717 |
| 9/16/2018 2:15 | 879300 | 26.487 | 16.229 | 59.664 | 32474.816 | 39010.164 | 24.944 | 26.527 | 30793 | 1.018 | 14.717 |
| 9/16/2018 2:30 | 880200 | 26.493 | 16.213 | 59.678 | 32452.494 | 38997.57 | 24.934 | 26.518 | 30814 | 1.018 | 14.711 |
| 9/16/2018 2:45 | 881100 | 26.504 | 16.202 | 59.703 | 32477.895 | 39038.32 | 24.962 | 26.546 | 3079 | 1.018 | 14.714 |
| 9/16/2018 3:00 | 882000 | 26.504 | 16.198 | 59.702 | 32464.631 | 39025.137 | 24.953 | 26.537 | 30803 | 1.018 | 14.718 |
| 9/16/2018 3:15 | 882900 | 26.509 | 16.197 | 59.714 | 32466.777 | 39022.676 | 24.955 | 26.535 | 30825 | 1.018 | 14.717 |
| 9/16/2018 3:30 | 883800 | 26.511 | 16.169 | 59.718 | 32452.488 | 39036.523 | 24.96 | 26.545 | 30814 | 1.018 | 14.717 |
| 9/16/2018 3:45 | 884700 | 26.513 | 16.16 | 59.723 | 32442.277 | 39032.352 | 24.956 | 26.542 | 30824 | 1.018 | 14.72 |
| 9/16/2018 4:00 | 885600 | 26.518 | 16.154 | 59.733 | 32453.703 | 39051.617 | 24.969 | 26.555 | 30813 | 1.018 | 14.712 |
| 9/16/2018 4:15 | 886500 | 26.523 | 16.151 | 59.745 | 32441.199 | 39039.652 | 24.961 | 26.547 | 30825 | 1.018 | 14.714 |
| 9/16/2018 4:30 | 887400 | 26.526 | 16.176 | 59.752 | 32460.131 | 39039.41 | 24.962 | 26.547 | 30807 | 1.018 | 14.716 |
| 9/16/2018 4:45 | 888300 | 26.526 | 16.181 | 59.754 | 32462.113 | 39037.305 | 24.961 | 26.545 | 30805 | 1.018 | 14.715 |
| 9/16/2018 5:00 | 889200 | 26.534 | 16.158 | 59.771 | 32465.012 | 39061.684 | 24.977 | 26.562 | 30802 | 1.018 | 14.716 |
| 9/16/2018 5:15 | 890100 | 26.529 | 16.145 | 59.759 | 32456.428 | 39062.938 | 24.977 | 26.563 | 30811 | 1.018 | 14.72 |
| 9/16/2018 5:30 | 891000 | 26.532 | 16.142 | 59.766 | 32444.727 | 39051.547 | 24.969 | 26.555 | 30822 | 1.018 | 14.716 |
| 9/16/2018 5:45 | 891900 | 26.534 | 16.144 | 59.771 | 32453.41 | 39060.887 | 24.975 | 26.561 | 30813 | 1.018 | 14.72 |
| 9/16/2018 6:00 | 892800 | 26.519 | 16.147 | 59.737 | 32453.869 | 39063.016 | 24.977 | 26.563 | 30813 | 1.018 | 14.726 |
| 9/16/2018 6:15 | 893700 | 26.539 | 16.147 | 59.774 | 32488.082 | 39099.148 | 25.027 | 26.587 | 30781 | 1.018 | 14.718 |
| 9/16/2018 6:30 | 894600 | 26.528 | 16.149 | 59.757 | 32469.277 | 39074.781 | 24.986 | 26.571 | 30798 | 1.018 | 14.724 |
| 9/16/2018 6:45 | 895500 | 26.519 | 16.155 | 59.736 | 32509.898 | 39118.281 | 25.017 | 26.6 | 3076 | 1.018 | 14.729 |
| 9/16/2018 7:00 | 896400 | 26.529 | 16.159 | 59.76 | 32500.203 | 39103.469 | 25.006 | 26.59 | 30769 | 1.018 | 14.726 |
| 9/16/2018 7:15 | 897300 | 26.53 | 16.165 | 59.76 | 32528.186 | 39131.684 | 25.027 | 26.61 | 30743 | 1.018 | 14.727 |
| 9/16/2018 7:30 | 898200 | 26.528 | 16.179 | 59.756 | 32512.107 | 39099.477 | 25.005 | 26.588 | 30758 | 1.018 | 14.729 |
| 9/16/2018 7:45 | 899100 | 26.516 | 16.189 | 59.73 | 32555.402 | 39142.609 | 25.035 | 26.619 | 30717 | 1.018 | 14.735 |
| 9/16/2018 8:00 | 900000 | 26.515 | 16.198 | 59.728 | 32571.371 | 39153.68 | 25.044 | 26.625 | 30702 | 1.018 | 14.737 |
| 9/16/2018 8:15 | 900900.001 | 26.511 | 16.21 | 59.719 | 32583.338 | 39157.887 | 25.047 | 26.627 | 30691 | 1.018 | 14.737 |
| 9/16/2018 8:30 | 901800 | 26.511 | 16.223 | 59.719 | 32603.398 | 39169.43 | 25.056 | 26.635 | 30672 | 1.018 | 14.732 |
| 9/16/2018 8:45 | 902700 | 26.507 | 16.237 | 59.721 | 32626.289 | 39185.137 | 25.068 | 26.646 | 3065 | 1.018 | 14.735 |
| 9/16/2018 9:00 | 903600.001 | 26.513 | 16.235 | 59.722 | 32627.523 | 39187.676 | 25.07 | 26.648 | 30649 | 1.018 | 14.734 |
| 9/16/2018 9:15 | 904500 | 26.498 | 16.238 | 59.689 | 32603.864 | 39156.656 | 25.048 | 26.627 | 30671 | 1.018 | 14.741 |
| 9/16/2018 9:30 | 905400 | 26.515 | 16.21 | 59.727 | 32605.988 | 39184.781 | 25.066 | 26.646 | 30669 | 1.018 | 14.733 |
| 9/16/2018 9:45 | 906300 | 26.501 | 16.226 | 59.697 | 32629.381 | 39198.043 | 25.077 | 26.655 | 30647 | 1.018 | 14.742 |
| 9/16/2018 10:00 | 907200 | 26.503 | 16.233 | 59.7 | 32615.926 | 39175.871 | 25.061 | 26.64 | 3066 | 1.018 | 14.735 |
| 9/16/2018 10:15 | 908100 | 26.504 | 16.233 | 59.703 | 32615.379 | 39175.215 | 25.061 | 26.639 | 3066 | 1.018 | 14.738 |
| 9/16/2018 10:30 | 909000 | 26.496 | 16.232 | 59.685 | 32602.104 | 39160.547 | 25.05 | 26.629 | 30673 | 1.018 | 14.745 |
| 9/16/2018 10:45 | 909900 | 26.494 | 16.228 | 59.684 | 32596.104 | 39155.574 | 25.047 | 26.626 | 30679 | 1.018 | 14.742 |
| 9/16/2018 11:00 | 910800 | 26.493 | 16.229 | 59.678 | 32568.93 | 39171.426 | 25.058 | 26.637 | 30666 | 1.018 | 14.744 |
| 9/16/2018 11:15 | 911700.001 | 26.505 | 16.23 | 59.705 | 32606.338 | 39167.125 | 25.055 | 26.634 | 30669 | 1.018 | 14.736 |
| 9/16/2018 11:30 | 912600 | 26.499 | 16.226 | 59.693 | 32595.984 | 39158.391 | 25.048 | 26.628 | 30679 | 1.018 | 14.743 |
| 9/16/2018 11:45 | 913500 | 26.505 | 16.227 | 59.705 | 32595.705 | 39157.105 | 25.048 | 26.627 | 30679 | 1.018 | 14.737 |
| 9/16/2018 12:00 | 914400 | 26.508 | 16.225 | 59.711 | 32581.479 | 39141.84 | 25.037 | 26.616 | 30692 | 1.018 | 14.734 |
| 9/16/2018 12:15 | 915300 | 26.511 | 16.221 | 59.72 | 32600.021 | 39167.828 | 25.055 | 26.634 | 30675 | 1.018 | 14.736 |
| 9/16/2018 12:30 | 916200 | 26.511 | 16.222 | 59.711 | 32604.652 | 39172.203 | 25.058 | 26.637 | 3067 | 1.018 | 14.73 |
| 9/16/2018 12:45 | 917100 | 26.513 | 16.207 | 59.723 | 32577.658 | 39153.426 | 25.044 | 26.624 | 30696 | 1.018 | 14.738 |
| 9/16/2018 13:00 | 918000 | 26.523 | 16.172 | 59.747 | 32533.365 | 39131.91 | 25.027 | 26.61 | 30738 | 1.018 | 14.733 |
| 9/16/2018 13:15 | 918900 | 26.532 | 16.148 | 59.766 | 32545.832 | 39168.086 | 25.051 | 26.634 | 30726 | 1.018 | 14.73 |
| 9/16/2018 13:30 | 919800 | 26.539 | 16.136 | 59.781 | 32544.898 | 39177.805 | 25.058 | 26.641 | 30727 | 1.018 | 14.727 |
| 9/16/2018 13:45 | 920700 | 26.532 | 16.126 | 59.766 | 32507.357 | 39141.23 | 25.031 | 26.616 | 30762 | 1.018 | 14.727 |
| 9/16/2018 14:00 | 921600 | 26.539 | 16.121 | 59.782 | 32504.484 | 39142.896 | 25.032 | 26.617 | 30765 | 1.018 | 14.73 |
| 9/16/2018 14:15 | 922500 | 26.537 | 16.116 | 59.777 | 32524.602 | 39171.414 | 25.052 | 26.637 | 30746 | 1.018 | 14.735 |
| 9/16/2018 14:30 | 923400 | 26.547 | 16.11 | 59.799 | 32526.762 | 39179.242 | 25.057 | 26.642 | 30744 | 1.018 | 14.725 |
| 9/16/2018 14:45 | 924300 | 26.557 | 16.105 | 59.823 | 32561.264 | 39225.719 | 25.09 | 26.673 | 30711 | 1.018 | 14.724 |
| 9/16/2018 15:00 | 925200 | 26.562 | 16.1 | 59.834 | 32553.334 | 39223.25 | 25.088 | 26.672 | 30717 | 1.018 | 14.72 |
| 9/16/2018 15:15 | 926100 | 26.571 | 16.098 | 59.854 | 32578.339 | 39252.48 | 25.109 | 26.692 | 30695 | 1.018 | 14.716 |
| 9/16/2018 15:30 | 927000 | 26.569 | 16.091 | 59.85 | 32616.838 | 39305.959 | 25.145 | 26.727 | 30659 | 1.018 | 14.717 |
| 9/16/2018 15:45 | 927900 | 26.577 | 16.089 | 59.868 | 32629.232 | 39322.227 | 25.157 | 26.739 | 30647 | 1.018 | 14.711 |
| 9/16/2018 16:00 | 928800 | 26.578 | 16.085 | 59.87 | 32655.848 | 39357.723 | 25.182 | 26.763 | 30622 | 1.018 | 14.717 |
| 9/16/2018 16:15 | 929700 | 26.583 | 16.082 | 59.88 | 32680.496 | 39389.742 | 25.205 | 26.785 | 30599 | 1.018 | 14.711 |
| 9/16/2018 16:30 | 930600 | 26.589 | 16.078 | 59.894 | 32708.174 | 39427.004 | 25.231 | 26.81 | 30573 | 1.018 | 14.708 |
| 9/16/2018 16:45 | 931500.001 | 26.588 | 16.075 | 59.892 | 32739.992 | 39467.688 | 25.26 | 26.838 | 30544 | 1.018 | 14.711 |
| 9/16/2018 17:00 | 932400 | 26.595 | 16.07 | 59.908 | 32740.25 | 39468.641 | 25.262 | 26.839 | 30543 | 1.018 | 14.701 |
| 9/16/2018 17:15 | 933300 | 26.595 | 16.074 | 59.907 | 32752.871 | 39484.879 | 25.272 | 26.85 | 30532 | 1.018 | 14.704 |
| 9/16/2018 17:30 | 934200 | 26.592 | 16.076 | 59.901 | 32778.504 | 39513.703 | 25.292 | 26.869 | 30508 | 1.018 | 14.707 |
| 9/16/2018 17:45 | 935100 | 26.596 | 16.074 | 59.909 | 32808.398 | 39551.586 | 25.319 | 26.895 | 3048 | 1.018 | 14.703 |
| 9/16/2018 18:00 | 936000 | 26.589 | 16.079 | 59.893 | 32818.934 | 39559.648 | 25.325 | 26.901 | 3047 | 1.018 | 14.709 |
| 9/16/2018 18:15 | 936900 | 26.586 | 16.089 | 59.887 | 32809.488 | 39558.898 | 25.311 | 26.886 | 30479 | 1.018 | 14.708 |
| 9/16/2018 18:30 | 937800 | 26.587 | 16.093 | 59.893 | 32819.941 | 39575.464 | 25.337 | 26.911 | 30461 | 1.018 | 14.713 |
| 9/16/2018 18:45 | 938700.001 | 26.576 | 16.139 | 59.865 | 32879.395 | 39578.156 | 25.341 | 26.913 | 30414 | 1.018 | 14.714 |
| 9/16/2018 19:00 | 939600 | 26.577 | 16.173 | 59.868 | 32894.133 | 39564.57 | 25.333 | 26.904 | 30401 | 1.018 | 14.708 |
| 9/16/2018 19:15 | 940500 | 26.576 | 16.206 | 59.866 | 32933.387 | 39581.348 | 25.347 | 26.915 | 30364 | 1.018 | 14.706 |
| 9/16/2018 19:30 | 941400 | 26.568 | 16.223 | 59.846 | 32939.477 | 39573.902 | 25.342 | 26.91 | 30359 | 1.018 | 14.701 |
| 9/16/2018 19:45 | 942300 | 26.557 | 16.24 | 59.822 | 32954.711 | 39576.902 | 25.345 | 26.912 | 30345 | 1.018 | 14.71 |
| 9/16/2018 20:00 | 943200 | 26.554 | 16.235 | 59.816 | 32963.516 | 39582.79 | 25.346 | 26.918 | 30339 | 1.018 | 14.708 |
| 9/16/2018 20:15 | 944100 | 26.551 | 16.221 | 59.808 | 32959.984 | 39555.027 | 25.331 | 26.897 | 3034 | 1.018 | 14.705 |
| 9/16/2018 20:30 | 945000 | 26.54 | 16.286 | 59.784 | 32948.164 | 39527 | 25.312 | 26.878 | 30351 | 1.018 | 14.707 |
| 9/16/2018 20:45 | 945900 | 26.534 | 16.293 | 59.771 | 32964.926 | 39540.902 | 25.322 | 26.888 | 30335 | 1.018 | 14.707 |
| 9/16/2018 21:00 | 946800 | 26.527 | 16.301 | 59.755 | 32914.102 | 39472.398 | 25.274 | 26.841 | 30382 | 1.018 | 14.707 |
| 9/16/2018 21:15 | 947700 | 26.524 | 16.29 | 59.748 | 32871.586 | 39431.012 | 25.244 | 26.813 | 30421 | 1.018 | 14.711 |
| 9/16/2018 21:30 | 948600 | 26.514 | 16.284 | 59.725 | 32874.095 | 39431.012 | 25.245 | 26.813 | 30419 | 1.018 | 14.707 |
| 9/16/2018 21:45 | 949500 | 26.499 | 16.294 | 59.693 | 32845.086 | 39395.891 | 25.22 | 26.789 | 30446 | 1.018 | 14.708 |
| 9/16/2018 22:00 | 950400 | 26.498 | 16.303 | 59.689 | 32797.152 | 39330.324 | 25.174 | 26.745 | 3049 | 1.018 | 14.711 |
| 9/16/2018 22:15 | 951300 | 26.486 | 16.305 | 59.662 | 32749.109 | 39270.66 | 25.132 | 26.704 | 30535 | 1.018</ | |

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|-----------------|-------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/18/2018 6:30 | 1067400 | 26.463 | 16.152 | 59.61 | 32362.5 | 38944.07 | 24.893 | 26.482 | 30.9 | 1.018 | 14.724 |
| 9/18/2018 6:45 | 1068300 | 26.46 | 16.155 | 59.604 | 32384.594 | 38967.984 | 24.91 | 26.498 | 30.879 | 1.018 | 14.725 |
| 9/18/2018 7:00 | 1069200 | 26.469 | 16.161 | 59.625 | 32391.334 | 38970.91 | 24.913 | 26.5 | 30.872 | 1.018 | 14.722 |
| 9/18/2018 7:15 | 1070100 | 26.482 | 16.151 | 59.652 | 32375.588 | 38960.293 | 24.905 | 26.493 | 30.887 | 1.018 | 14.717 |
| 9/18/2018 7:30 | 1071000 | 26.477 | 16.149 | 59.641 | 32381.615 | 38969.98 | 24.912 | 26.5 | 30.882 | 1.018 | 14.725 |
| 9/18/2018 7:45 | 1071900 | 26.485 | 16.142 | 59.661 | 32403.998 | 39002.523 | 24.934 | 26.522 | 30.876 | 1.018 | 14.723 |
| 9/18/2018 8:00 | 1072800 | 26.485 | 16.149 | 59.666 | 32397.137 | 38997.219 | 24.933 | 26.518 | 30.883 | 1.018 | 14.724 |
| 9/18/2018 8:15 | 1073700 | 26.478 | 16.141 | 59.644 | 32427.346 | 39031.488 | 24.955 | 26.541 | 30.838 | 1.018 | 14.726 |
| 9/18/2018 8:30 | 1074600 | 26.484 | 16.141 | 59.658 | 32458.133 | 39068.621 | 24.981 | 26.567 | 30.809 | 1.018 | 14.724 |
| 9/18/2018 8:45 | 1075500 | 26.483 | 16.142 | 59.655 | 32459.174 | 39069.398 | 24.981 | 26.567 | 30.808 | 1.018 | 14.728 |
| 9/18/2018 9:00 | 1076400 | 26.472 | 16.144 | 59.632 | 32476.283 | 39088.34 | 24.995 | 26.58 | 30.792 | 1.018 | 14.729 |
| 9/18/2018 9:15 | 1077300 | 26.482 | 16.146 | 59.63 | 32485.906 | 39097.793 | 25.002 | 26.587 | 30.783 | 1.018 | 14.727 |
| 9/18/2018 9:30 | 1078200 | 26.474 | 16.147 | 59.635 | 32475.996 | 39085.234 | 24.993 | 26.578 | 30.792 | 1.018 | 14.732 |
| 9/18/2018 9:45 | 1079100 | 26.479 | 16.15 | 59.647 | 32506.473 | 39118.584 | 25.017 | 26.601 | 30.763 | 1.018 | 14.731 |
| 9/18/2018 10:00 | 1080000.001 | 26.479 | 16.155 | 59.646 | 32502.588 | 39109.41 | 25.01 | 26.594 | 30.767 | 1.018 | 14.73 |
| 9/18/2018 10:15 | 1080900 | 26.471 | 16.159 | 59.63 | 32504.98 | 39109.375 | 25.01 | 26.594 | 30.765 | 1.018 | 14.73 |
| 9/18/2018 10:30 | 1081800 | 26.474 | 16.163 | 59.636 | 32506.561 | 39107.793 | 25.01 | 26.593 | 30.763 | 1.018 | 14.733 |
| 9/18/2018 10:45 | 1082700 | 26.468 | 16.172 | 59.622 | 32522.574 | 39130.793 | 25.026 | 26.609 | 30.738 | 1.018 | 14.726 |
| 9/18/2018 11:00 | 1083600 | 26.471 | 16.171 | 59.629 | 32527.254 | 39152.352 | 25.042 | 26.624 | 30.715 | 1.018 | 14.729 |
| 9/18/2018 11:15 | 1084500 | 26.468 | 16.194 | 59.623 | 32569.127 | 39154.379 | 25.044 | 26.625 | 30.704 | 1.018 | 14.728 |
| 9/18/2018 11:30 | 1085400.001 | 26.469 | 16.211 | 59.623 | 32591.725 | 39166.457 | 25.053 | 26.633 | 30.683 | 1.018 | 14.724 |
| 9/18/2018 11:45 | 1086300 | 26.462 | 16.221 | 59.608 | 32602.389 | 39170.43 | 25.057 | 26.636 | 30.673 | 1.018 | 14.731 |
| 9/18/2018 12:00 | 1087200 | 26.464 | 16.228 | 59.613 | 32624.043 | 39190.285 | 25.071 | 26.649 | 30.652 | 1.018 | 14.727 |
| 9/18/2018 12:15 | 1088100 | 26.465 | 16.251 | 59.615 | 32658.311 | 39210.988 | 25.087 | 26.663 | 30.62 | 1.018 | 14.722 |
| 9/18/2018 12:30 | 1089000 | 26.464 | 16.263 | 59.612 | 32671.383 | 39223.141 | 25.096 | 26.672 | 30.602 | 1.018 | 14.725 |
| 9/18/2018 12:45 | 1089900 | 26.462 | 16.274 | 59.608 | 32651.83 | 39181.836 | 25.067 | 26.644 | 30.626 | 1.018 | 14.723 |
| 9/18/2018 13:00 | 1090800 | 26.46 | 16.279 | 59.605 | 32693.467 | 39227.766 | 25.1 | 26.675 | 30.587 | 1.018 | 14.721 |
| 9/18/2018 13:15 | 1091700 | 26.455 | 16.28 | 59.593 | 32685.041 | 39216.949 | 25.093 | 26.668 | 30.595 | 1.018 | 14.717 |
| 9/18/2018 13:30 | 1092600 | 26.464 | 16.275 | 59.612 | 32691.434 | 39229.027 | 25.101 | 26.676 | 30.589 | 1.018 | 14.713 |
| 9/18/2018 13:45 | 1093500 | 26.471 | 16.263 | 59.628 | 32680.436 | 39226.656 | 25.099 | 26.674 | 30.599 | 1.018 | 14.716 |
| 9/18/2018 14:00 | 1094400 | 26.47 | 16.254 | 59.626 | 32643.988 | 39190.395 | 25.072 | 26.649 | 30.634 | 1.018 | 14.709 |
| 9/18/2018 14:15 | 1095300.001 | 26.469 | 16.253 | 59.623 | 32649.592 | 39198.629 | 25.078 | 26.655 | 30.628 | 1.018 | 14.709 |
| 9/18/2018 14:30 | 1096200 | 26.48 | 16.242 | 59.65 | 32667.738 | 39229.969 | 25.1 | 26.676 | 30.611 | 1.018 | 14.703 |
| 9/18/2018 14:45 | 1097100 | 26.481 | 16.223 | 59.65 | 32632.717 | 39204.652 | 25.081 | 26.659 | 30.644 | 1.018 | 14.704 |
| 9/18/2018 15:00 | 1098000 | 26.485 | 16.212 | 59.66 | 32646.697 | 39231.734 | 25.1 | 26.678 | 30.631 | 1.018 | 14.702 |
| 9/18/2018 15:15 | 1098900 | 26.489 | 16.194 | 59.669 | 32608.234 | 39202.102 | 25.078 | 26.657 | 30.667 | 1.018 | 14.704 |
| 9/18/2018 15:30 | 1099800 | 26.501 | 16.175 | 59.671 | 32594.6 | 39202.867 | 25.077 | 26.658 | 30.68 | 1.018 | 14.7 |
| 9/18/2018 15:45 | 1100700 | 26.495 | 16.158 | 59.682 | 32591.809 | 39214.555 | 25.085 | 26.666 | 30.683 | 1.018 | 14.704 |
| 9/18/2018 16:00 | 1101600 | 26.508 | 16.146 | 59.713 | 32599.252 | 39234.352 | 25.098 | 26.679 | 30.676 | 1.018 | 14.698 |
| 9/18/2018 16:15 | 1102500 | 26.494 | 16.138 | 59.681 | 32582.836 | 39221.883 | 25.089 | 26.671 | 30.691 | 1.018 | 14.705 |
| 9/18/2018 16:30 | 1103400 | 26.498 | 16.129 | 59.69 | 32591.818 | 39240.234 | 25.102 | 26.683 | 30.683 | 1.018 | 14.704 |
| 9/18/2018 16:45 | 1104300 | 26.504 | 16.124 | 59.703 | 32588.322 | 39240.859 | 25.102 | 26.684 | 30.686 | 1.018 | 14.701 |
| 9/18/2018 17:00 | 1105200 | 26.515 | 16.119 | 59.728 | 32575.416 | 39229.523 | 25.093 | 26.676 | 30.698 | 1.018 | 14.694 |
| 9/18/2018 17:15 | 1106100 | 26.524 | 16.114 | 59.748 | 32577.709 | 39237.441 | 25.099 | 26.681 | 30.695 | 1.018 | 14.695 |
| 9/18/2018 17:30 | 1107000 | 26.522 | 16.11 | 59.743 | 32601.572 | 39259.664 | 25.121 | 26.703 | 30.673 | 1.018 | 14.697 |
| 9/18/2018 17:45 | 1107900 | 26.534 | 16.104 | 59.771 | 32629.287 | 39308.613 | 25.149 | 26.73 | 30.647 | 1.018 | 14.69 |
| 9/18/2018 18:00 | 1108800 | 26.536 | 16.1 | 59.774 | 32637.598 | 39321.492 | 25.158 | 26.739 | 30.64 | 1.018 | 14.689 |
| 9/18/2018 18:15 | 1109700 | 26.533 | 16.098 | 59.769 | 32659.785 | 39350.613 | 25.178 | 26.758 | 30.619 | 1.018 | 14.692 |
| 9/18/2018 18:30 | 1110600 | 26.548 | 16.094 | 59.802 | 32697.002 | 39398.797 | 25.212 | 26.791 | 30.584 | 1.018 | 14.689 |
| 9/18/2018 18:45 | 1111500 | 26.547 | 16.091 | 59.799 | 32695.771 | 39400.02 | 25.213 | 26.792 | 30.585 | 1.018 | 14.688 |
| 9/18/2018 19:00 | 1112400 | 26.542 | 16.089 | 59.789 | 32724.145 | 39436.605 | 25.238 | 26.817 | 30.558 | 1.018 | 14.691 |
| 9/18/2018 19:15 | 1113300 | 26.55 | 16.087 | 59.808 | 32776.297 | 39501.059 | 25.284 | 26.861 | 30.51 | 1.018 | 14.684 |
| 9/18/2018 19:30 | 1114200 | 26.543 | 16.087 | 59.791 | 32791.27 | 39518.465 | 25.296 | 26.873 | 30.496 | 1.018 | 14.691 |
| 9/18/2018 19:45 | 1115100 | 26.544 | 16.087 | 59.793 | 32802.684 | 39532.621 | 25.306 | 26.882 | 30.485 | 1.018 | 14.693 |
| 9/18/2018 20:00 | 1116000 | 26.538 | 16.087 | 59.779 | 32823.941 | 39558.555 | 25.325 | 26.9 | 30.466 | 1.018 | 14.694 |
| 9/18/2018 20:15 | 1116900 | 26.539 | 16.091 | 59.781 | 32812.141 | 39540.41 | 25.312 | 26.887 | 30.477 | 1.018 | 14.694 |
| 9/18/2018 20:30 | 1117800 | 26.54 | 16.097 | 59.784 | 32855.457 | 39587.418 | 25.346 | 26.919 | 30.436 | 1.018 | 14.688 |
| 9/18/2018 20:45 | 1118700 | 26.538 | 16.105 | 59.778 | 32862.563 | 39588.281 | 25.347 | 26.92 | 30.43 | 1.018 | 14.688 |
| 9/18/2018 21:00 | 1119600 | 26.539 | 16.126 | 59.782 | 32882.117 | 39592.551 | 25.351 | 26.923 | 30.412 | 1.018 | 14.685 |
| 9/18/2018 21:15 | 1120500 | 26.526 | 16.168 | 59.752 | 32928.641 | 39610.793 | 25.366 | 26.935 | 30.369 | 1.018 | 14.688 |
| 9/18/2018 21:30 | 1121400 | 26.528 | 16.227 | 59.756 | 32974.336 | 39611.887 | 25.369 | 26.936 | 30.327 | 1.018 | 14.687 |
| 9/18/2018 21:45 | 1122300 | 26.514 | 16.235 | 59.725 | 33013.059 | 39635.137 | 25.382 | 26.948 | 30.272 | 1.018 | 14.686 |
| 9/18/2018 22:00 | 1123200 | 26.516 | 16.303 | 59.73 | 33054.895 | 39639.098 | 25.392 | 26.955 | 30.253 | 1.018 | 14.688 |
| 9/18/2018 22:15 | 1124100 | 26.513 | 16.308 | 59.723 | 33052.203 | 39631.73 | 25.387 | 26.95 | 30.255 | 1.018 | 14.682 |
| 9/18/2018 22:30 | 1125000 | 26.502 | 16.311 | 59.698 | 33031.852 | 39604.766 | 25.369 | 26.931 | 30.274 | 1.018 | 14.688 |
| 9/18/2018 22:45 | 1125900 | 26.494 | 16.319 | 59.68 | 33024.625 | 39589.094 | 25.358 | 26.921 | 30.28 | 1.018 | 14.684 |
| 9/18/2018 23:00 | 1126800 | 26.48 | 16.333 | 59.648 | 33010.824 | 39559.828 | 25.338 | 26.901 | 30.293 | 1.018 | 14.689 |
| 9/18/2018 23:15 | 1127700 | 26.484 | 16.335 | 59.656 | 33003.551 | 39572.395 | 25.342 | 26.909 | 30.27 | 1.018 | 14.685 |
| 9/18/2018 23:30 | 1128600 | 26.464 | 16.331 | 59.613 | 32972.852 | 39515.594 | 25.306 | 26.871 | 30.328 | 1.018 | 14.687 |
| 9/18/2018 23:45 | 1129500 | 26.455 | 16.331 | 59.593 | 32940.953 | 39477.605 | 25.279 | 26.845 | 30.357 | 1.018 | 14.692 |
| 9/18/2018 0:00 | 1130400 | 26.453 | 16.333 | 59.588 | 32912.172 | 39441.371 | 25.254 | 26.82 | 30.384 | 1.018 | 14.687 |
| 9/18/2018 0:15 | 1131300 | 26.447 | 16.334 | 59.575 | 32895.488 | 39420.27 | 25.239 | 26.806 | 30.399 | 1.018 | 14.687 |
| 9/18/2018 0:30 | 1132200 | 26.434 | 16.346 | 59.546 | 32899.984 | 39397.457 | 25.16 | 26.729 | 30.479 | 1.018 | 14.688 |
| 9/18/2018 0:45 | 1133100 | 26.431 | 16.358 | 59.528 | 32904.066 | 39377.352 | 25.132 | 26.709 | 30.503 | 1.018 | 14.689 |
| 9/18/2018 1:00 | 1134000 | 26.425 | 16.356 | 59.526 | 32754.262 | 39321.715 | 25.107 | 26.678 | 30.53 | 1.018 | 14.686 |
| 9/18/2018 1:15 | 1134900 | 26.418 | 16.356 | 59.51 | 32711.525 | 39180.457 | 25.07 | 26.643 | 30.57 | 1.018 | 14.689 |
| 9/18/2018 1:30 | 1135800 | 26.416 | 16.362 | 59.505 | 32704.904 | 39166.938 | 25.061 | 26.634 | 30.576 | 1.018 | 14.685 |
| 9/18/2018 1:45 | 1136700 | 26.411 | 16.354 | 59.493 | 32642.82 | 39099.262 | 25.013 | 26.587 | 30.635 | 1.018 | 14.688 |
| 9/18/2018 2:00 | 1137600 | 26.405 | 16.36 | 59.481 | 32632.713 | 39082.293 | 25.001 | 26.576 | 30.644 | 1.018 | 14.69 |
| 9/18/2018 2:15 | 1138500 | 26.4 | 16.368 | 59.469 | 32633.379 | 39076.098 | 24.997 | 26.572 | 30.643 | 1.018 | 14.692 |
| 9/18/2018 2:30 | 1139400 | 26.405 | 16.349 | 59.465 | 32589.031 | 39026.836 | 24.962 | 26.538 | 30.683 | 1.018 | 14.689 |
| 9/18/2018 2:45 | 1140300.001 | 26.402 | 16.361 | 59.474 | 32606.738 | 39050.168 | 24.979 | 26.554 | 30.669 | | |

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|-----------------|-------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/20/2018 11:15 | 1257300 | 26.531 | 16.125 | 59.765 | 32572.926 | 39221.762 | 25.088 | 26.671 | 30.7 | 1.018 | 14.671 |
| 9/20/2018 11:30 | 1258200 | 26.538 | 16.134 | 59.778 | 32574.541 | 39215.547 | 25.084 | 26.667 | 30.699 | 1.018 | 14.662 |
| 9/20/2018 11:45 | 1259100 | 26.535 | 16.141 | 59.773 | 32604.703 | 39245.598 | 25.106 | 26.687 | 30.67 | 1.018 | 14.665 |
| 9/20/2018 12:00 | 1260000 | 26.518 | 16.158 | 59.735 | 32628.602 | 39259.133 | 25.116 | 26.696 | 30.648 | 1.018 | 14.668 |
| 9/20/2018 12:15 | 1260900 | 26.516 | 16.172 | 59.729 | 32640.357 | 39260.281 | 25.118 | 26.697 | 30.637 | 1.018 | 14.669 |
| 9/20/2018 12:30 | 1261800 | 26.519 | 16.204 | 59.738 | 32663.158 | 39259.109 | 25.119 | 26.696 | 30.616 | 1.018 | 14.665 |
| 9/20/2018 12:45 | 1262700 | 26.514 | 16.207 | 59.735 | 32734.725 | 39287.711 | 25.124 | 26.716 | 30.548 | 1.018 | 14.668 |
| 9/20/2018 13:00 | 1263600 | 26.504 | 16.233 | 59.702 | 32745.662 | 39251.063 | 25.119 | 26.691 | 30.538 | 1.018 | 14.669 |
| 9/20/2018 13:15 | 1264500 | 26.501 | 16.261 | 59.695 | 32784.125 | 39263.074 | 25.129 | 26.699 | 30.503 | 1.018 | 14.669 |
| 9/20/2018 13:30 | 1265400 | 26.5 | 16.274 | 59.693 | 32837.371 | 39314.684 | 25.166 | 26.734 | 30.453 | 1.018 | 14.666 |
| 9/20/2018 13:45 | 1266300 | 26.503 | 16.362 | 59.701 | 32824.809 | 39310.848 | 25.163 | 26.731 | 30.465 | 1.018 | 14.661 |
| 9/20/2018 14:00 | 1267200 | 26.496 | 16.367 | 59.686 | 32833.5 | 39316.438 | 25.167 | 26.735 | 30.457 | 1.018 | 14.665 |
| 9/20/2018 14:15 | 1268100 | 26.496 | 16.367 | 59.686 | 32833.5 | 39316.438 | 25.166 | 26.735 | 30.479 | 1.018 | 14.659 |
| 9/20/2018 14:30 | 1269000 | 26.502 | 16.356 | 59.697 | 32840.539 | 39335.141 | 25.18 | 26.748 | 30.45 | 1.018 | 14.658 |
| 9/20/2018 14:45 | 1269900 | 26.488 | 16.355 | 59.667 | 32814.898 | 39304.898 | 25.158 | 26.727 | 30.474 | 1.018 | 14.664 |
| 9/20/2018 15:00 | 1270800 | 26.493 | 16.363 | 59.679 | 32814.063 | 39297.027 | 25.153 | 26.722 | 30.475 | 1.018 | 14.656 |
| 9/20/2018 15:15 | 1271700 | 26.495 | 16.365 | 59.683 | 32823.418 | 39306.109 | 25.16 | 26.728 | 30.466 | 1.018 | 14.654 |
| 9/20/2018 15:30 | 1272600 | 26.492 | 16.366 | 59.677 | 32822.66 | 39304.012 | 25.158 | 26.727 | 30.467 | 1.018 | 14.653 |
| 9/20/2018 15:45 | 1273500 | 26.496 | 16.36 | 59.682 | 32819.293 | 39305.655 | 25.159 | 26.728 | 30.47 | 1.018 | 14.657 |
| 9/20/2018 16:00 | 1274400 | 26.494 | 16.36 | 59.68 | 32842.965 | 39333.699 | 25.179 | 26.747 | 30.448 | 1.018 | 14.657 |
| 9/20/2018 16:15 | 1275300 | 26.5 | 16.35 | 59.693 | 32806.547 | 39299.555 | 25.154 | 26.724 | 30.482 | 1.018 | 14.656 |
| 9/20/2018 16:30 | 1276200 | 26.503 | 16.333 | 59.701 | 32796.234 | 39302.598 | 25.156 | 26.726 | 30.491 | 1.018 | 14.654 |
| 9/20/2018 16:45 | 1277100 | 26.499 | 16.3 | 59.692 | 32781.27 | 39314.523 | 25.163 | 26.734 | 30.505 | 1.018 | 14.654 |
| 9/20/2018 17:00 | 1278000 | 26.502 | 16.245 | 59.698 | 32734.477 | 39307.504 | 25.155 | 26.729 | 30.549 | 1.018 | 14.656 |
| 9/20/2018 17:15 | 1278900 | 26.515 | 16.224 | 59.726 | 32791.965 | 39286.988 | 25.139 | 26.725 | 30.579 | 1.018 | 14.652 |
| 9/20/2018 17:30 | 1279800 | 26.514 | 16.207 | 59.725 | 32689.32 | 39287.938 | 25.139 | 26.716 | 30.591 | 1.018 | 14.656 |
| 9/20/2018 17:45 | 1280700 | 26.52 | 16.163 | 59.739 | 32661.91 | 39294.215 | 25.141 | 26.72 | 30.617 | 1.018 | 14.654 |
| 9/20/2018 18:00 | 1281600 | 26.523 | 16.138 | 59.746 | 32627.604 | 39275.625 | 25.127 | 26.707 | 30.649 | 1.018 | 14.653 |
| 9/20/2018 18:15 | 1282500 | 26.534 | 16.123 | 59.77 | 32620.637 | 39280.887 | 25.13 | 26.711 | 30.655 | 1.018 | 14.645 |
| 9/20/2018 18:30 | 1283400 | 26.54 | 16.115 | 59.785 | 32595.689 | 39257.906 | 25.113 | 26.695 | 30.679 | 1.018 | 14.646 |
| 9/20/2018 18:45 | 1284300 | 26.536 | 16.106 | 59.78 | 32614.075 | 39286.488 | 25.133 | 26.715 | 30.662 | 1.018 | 14.662 |
| 9/20/2018 19:00 | 1285200 | 26.553 | 16.099 | 59.814 | 32609.189 | 39289.012 | 25.134 | 26.717 | 30.666 | 1.018 | 14.658 |
| 9/20/2018 19:15 | 1286100 | 26.558 | 16.095 | 59.824 | 32618.848 | 39303.902 | 25.145 | 26.727 | 30.657 | 1.018 | 14.663 |
| 9/20/2018 19:30 | 1287000 | 26.563 | 16.088 | 59.836 | 32648.459 | 39346.113 | 25.174 | 26.755 | 30.629 | 1.018 | 14.664 |
| 9/20/2018 19:45 | 1287900 | 26.577 | 16.084 | 59.868 | 32636.984 | 39335.551 | 25.167 | 26.748 | 30.64 | 1.018 | 14.658 |
| 9/20/2018 20:00 | 1288800 | 26.574 | 16.079 | 59.862 | 32674.031 | 39385.215 | 25.202 | 26.782 | 30.605 | 1.018 | 14.665 |
| 9/20/2018 20:15 | 1289700 | 26.579 | 16.074 | 59.871 | 32733.48 | 39373.48 | 25.255 | 26.834 | 30.55 | 1.018 | 14.663 |
| 9/20/2018 20:30 | 1290600 | 26.581 | 16.072 | 59.877 | 32738.121 | 39468.469 | 25.26 | 26.839 | 30.545 | 1.018 | 14.665 |
| 9/20/2018 20:45 | 1291500 | 26.586 | 16.067 | 59.887 | 32805.176 | 39553.465 | 25.32 | 26.896 | 30.483 | 1.018 | 14.667 |
| 9/20/2018 21:00 | 1292400 | 26.583 | 16.065 | 59.881 | 32810.406 | 39561.766 | 25.326 | 26.902 | 30.478 | 1.018 | 14.669 |
| 9/20/2018 21:15 | 1293300.001 | 26.593 | 16.064 | 59.904 | 32858.711 | 39620.734 | 25.367 | 26.942 | 30.433 | 1.018 | 14.664 |
| 9/20/2018 21:30 | 1294200 | 26.584 | 16.066 | 59.883 | 32875.203 | 39638.773 | 25.38 | 26.954 | 30.418 | 1.018 | 14.675 |
| 9/20/2018 21:45 | 1295100 | 26.587 | 16.068 | 59.89 | 32909.211 | 39678.098 | 25.408 | 26.981 | 30.387 | 1.018 | 14.675 |
| 9/20/2018 22:00 | 1296000 | 26.587 | 16.072 | 59.89 | 32909.211 | 39678.098 | 25.408 | 26.981 | 30.387 | 1.018 | 14.675 |
| 9/20/2018 22:15 | 1296900 | 26.579 | 16.083 | 59.871 | 32958.352 | 39723.598 | 25.441 | 27.012 | 30.341 | 1.018 | 14.679 |
| 9/20/2018 22:30 | 1297800 | 26.583 | 16.106 | 59.881 | 32975.074 | 39722.617 | 25.442 | 27.011 | 30.326 | 1.018 | 14.67 |
| 9/20/2018 22:45 | 1298700 | 26.575 | 16.171 | 59.862 | 33017.656 | 39714.992 | 25.44 | 27.006 | 30.287 | 1.018 | 14.672 |
| 9/20/2018 23:00 | 1299600 | 26.576 | 16.286 | 59.865 | 33127.582 | 39742.48 | 25.465 | 27.025 | 30.186 | 1.018 | 14.672 |
| 9/20/2018 23:15 | 1300500 | 26.564 | 16.311 | 59.838 | 33172.555 | 39754.922 | 25.476 | 27.033 | 30.145 | 1.018 | 14.67 |
| 9/20/2018 23:30 | 1301400.001 | 26.561 | 16.322 | 59.832 | 33175.527 | 39757.199 | 25.484 | 27.042 | 30.143 | 1.018 | 14.667 |
| 9/20/2018 23:45 | 1302300 | 26.552 | 16.317 | 59.812 | 33195.648 | 39795.789 | 25.504 | 27.061 | 30.124 | 1.018 | 14.674 |
| 9/21/2018 0:00 | 1303200 | 26.547 | 16.324 | 59.8 | 33167.41 | 39755.234 | 25.476 | 27.034 | 30.15 | 1.018 | 14.667 |
| 9/21/2018 0:15 | 1304100 | 26.536 | 16.331 | 59.776 | 33188.844 | 39774.684 | 25.49 | 27.047 | 30.131 | 1.018 | 14.672 |
| 9/21/2018 0:30 | 1305000 | 26.533 | 16.35 | 59.768 | 33178.832 | 39745.68 | 25.47 | 27.027 | 30.14 | 1.018 | 14.667 |
| 9/21/2018 0:45 | 1305900 | 26.53 | 16.331 | 59.761 | 33117.434 | 39689.348 | 25.429 | 26.999 | 30.196 | 1.018 | 14.663 |
| 9/21/2018 1:00 | 1306800 | 26.513 | 16.325 | 59.724 | 33077.477 | 39646.324 | 25.399 | 26.96 | 30.232 | 1.018 | 14.668 |
| 9/21/2018 1:15 | 1307700 | 26.508 | 16.334 | 59.712 | 33043.453 | 39597.422 | 25.364 | 26.926 | 30.263 | 1.018 | 14.669 |
| 9/21/2018 1:30 | 1308600 | 26.505 | 16.342 | 59.706 | 32964.504 | 39495.992 | 25.293 | 26.857 | 30.336 | 1.018 | 14.661 |
| 9/21/2018 1:45 | 1309500 | 26.494 | 16.354 | 59.679 | 32952.09 | 39469.934 | 25.275 | 26.84 | 30.347 | 1.018 | 14.665 |
| 9/21/2018 2:00 | 1310400 | 26.481 | 16.363 | 59.651 | 32892.504 | 39390.656 | 25.219 | 26.786 | 30.402 | 1.018 | 14.665 |
| 9/21/2018 2:15 | 1311300 | 26.475 | 16.361 | 59.637 | 32852.742 | 39344.785 | 25.187 | 26.754 | 30.439 | 1.018 | 14.667 |
| 9/21/2018 2:30 | 1312200 | 26.474 | 16.322 | 59.625 | 32828.421 | 39306.286 | 25.167 | 26.729 | 30.462 | 1.018 | 14.669 |
| 9/21/2018 2:45 | 1313100 | 26.471 | 16.375 | 59.629 | 32814.441 | 39286.602 | 25.146 | 26.715 | 30.474 | 1.018 | 14.662 |
| 9/21/2018 3:00 | 1314000 | 26.46 | 16.367 | 59.603 | 32764.531 | 39233.383 | 25.108 | 26.679 | 30.521 | 1.018 | 14.673 |
| 9/21/2018 3:15 | 1314900 | 26.465 | 16.383 | 59.614 | 32740.033 | 39189.805 | 25.078 | 26.649 | 30.544 | 1.018 | 14.668 |
| 9/21/2018 3:30 | 1315800 | 26.461 | 16.376 | 59.606 | 32716.965 | 39168.402 | 25.063 | 26.635 | 30.565 | 1.018 | 14.668 |
| 9/21/2018 3:45 | 1316700 | 26.452 | 16.382 | 59.585 | 32675.771 | 39114.063 | 25.025 | 26.598 | 30.604 | 1.018 | 14.669 |
| 9/21/2018 4:00 | 1317600 | 26.456 | 16.378 | 59.594 | 32667.955 | 39088.966 | 25.007 | 26.58 | 30.626 | 1.018 | 14.666 |
| 9/21/2018 4:15 | 1318500 | 26.456 | 16.386 | 59.594 | 32660.766 | 39092.254 | 25.01 | 26.583 | 30.618 | 1.018 | 14.671 |
| 9/21/2018 4:30 | 1319400 | 26.456 | 16.385 | 59.594 | 32613.449 | 39036.559 | 24.97 | 26.545 | 30.662 | 1.018 | 14.675 |
| 9/21/2018 4:45 | 1320300 | 26.461 | 16.384 | 59.605 | 32602.068 | 39023.813 | 24.961 | 26.536 | 30.673 | 1.018 | 14.673 |
| 9/21/2018 5:00 | 1321200 | 26.453 | 16.387 | 59.588 | 32573.23 | 38986.625 | 24.935 | 26.511 | 30.7 | 1.018 | 14.681 |
| 9/21/2018 5:15 | 1322100 | 26.468 | 16.378 | 59.622 | 32559.707 | 38976.617 | 24.927 | 26.504 | 30.713 | 1.018 | 14.68 |
| 9/21/2018 5:30 | 1323000 | 26.461 | 16.375 | 59.606 | 32530.965 | 38946.59 | 24.906 | 26.484 | 30.74 | 1.018 | 14.691 |
| 9/21/2018 5:45 | 1323900 | 26.475 | 16.374 | 59.637 | 32526.326 | 38941.891 | 24.903 | 26.48 | 30.744 | 1.018 | 14.684 |
| 9/21/2018 6:00 | 1324800 | 26.471 | 16.371 | 59.628 | 32514.559 | 38931.09 | 24.895 | 26.473 | 30.755 | 1.018 | 14.69 |
| 9/21/2018 6:15 | 1325700 | 26.479 | 16.363 | 59.647 | 32516.619 | 38940.59 | 24.901 | 26.48 | 30.754 | 1.018 | 14.693 |
| 9/21/2018 6:30 | 1326600 | 26.49 | 16.357 | 59.672 | 32490.906 | 38915.426 | 24.883 | 26.462 | 30.778 | 1.018 | 14.694 |
| 9/21/2018 6:45 | 1327500 | 26.496 | 16.342 | 59.685 | 32487.006 | 38924.035 | 24.888 | 26.468 | 30.782 | 1.018 | 14.696 |
| 9/21/2018 7:00 | 1328400.001 | 26.501 | 16.308 | 59.696 | 32458.225 | 38919.191 | 24.883 | 26.465 | 30.809 | 1.018 | 14.703 |
| 9/21/2018 7:15 | 1329300 | 26.508 | 16.267 | 59.712 | 32425.584 | 38917.387 | 24.88 | 26.464 | 30.84 | 1.018 | 14.701 |
| 9/21/2018 7:30 | 1330200 | 26.511 | 16.219 | 59.719 | 32391.045 | 38918.398 | 24.879 | 26.465 | 30.873 | | |

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|-----------------|-------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/22/2018 16:00 | 1447200 | 26.487 | 16.401 | 59.664 | 32709.207 | 39137.438 | 25.042 | 26.613 | 30.572 | 1.018 | 14.706 |
| 9/22/2018 16:15 | 1448100 | 26.497 | 16.399 | 59.688 | 32732.365 | 39166.723 | 25.063 | 26.633 | 30.551 | 1.018 | 14.708 |
| 9/22/2018 16:30 | 1449000 | 26.49 | 16.395 | 59.671 | 32713.074 | 39147.246 | 25.049 | 26.62 | 30.569 | 1.018 | 14.713 |
| 9/22/2018 16:45 | 1449900 | 26.489 | 16.403 | 59.669 | 32721.324 | 39149.652 | 25.051 | 26.622 | 30.561 | 1.018 | 14.713 |
| 9/22/2018 17:00 | 1450800 | 26.501 | 16.396 | 59.696 | 32683.496 | 39110.832 | 25.023 | 26.595 | 30.596 | 1.018 | 14.701 |
| 9/22/2018 17:15 | 1451700 | 26.501 | 16.406 | 59.697 | 32685.637 | 39104.405 | 25.019 | 26.591 | 30.594 | 1.018 | 14.7 |
| 9/22/2018 17:30 | 1452600 | 26.494 | 16.404 | 59.681 | 32703.086 | 39131.84 | 25.038 | 26.61 | 30.578 | 1.018 | 14.705 |
| 9/22/2018 17:45 | 1453500 | 26.508 | 16.398 | 59.711 | 32664.291 | 39085.887 | 25.006 | 26.578 | 30.614 | 1.018 | 14.703 |
| 9/22/2018 18:00 | 1454400 | 26.508 | 16.402 | 59.713 | 32670.027 | 39089.543 | 25.008 | 26.581 | 30.609 | 1.018 | 14.703 |
| 9/22/2018 18:15 | 1455300 | 26.512 | 16.397 | 59.72 | 32651.939 | 39072.129 | 24.996 | 26.569 | 30.626 | 1.018 | 14.697 |
| 9/22/2018 18:30 | 1456200 | 26.517 | 16.381 | 59.733 | 32647.654 | 39081.348 | 25.002 | 26.575 | 30.63 | 1.018 | 14.698 |
| 9/22/2018 18:45 | 1457100 | 26.53 | 16.342 | 59.76 | 32616.789 | 39079.137 | 24.998 | 26.574 | 30.659 | 1.018 | 14.696 |
| 9/22/2018 19:00 | 1458000 | 26.528 | 16.356 | 59.756 | 32626.371 | 39060.27 | 24.982 | 26.561 | 30.699 | 1.018 | 14.695 |
| 9/22/2018 19:15 | 1458900.001 | 26.54 | 16.237 | 59.783 | 32549.928 | 39092.664 | 25.003 | 26.583 | 30.722 | 1.018 | 14.698 |
| 9/22/2018 19:30 | 1459800 | 26.537 | 16.211 | 59.778 | 32516.846 | 39076.398 | 24.99 | 26.572 | 30.753 | 1.018 | 14.704 |
| 9/22/2018 19:45 | 1460700 | 26.558 | 16.184 | 59.824 | 32497.293 | 39077.637 | 24.989 | 26.573 | 30.772 | 1.018 | 14.695 |
| 9/22/2018 20:00 | 1461600 | 26.555 | 16.162 | 59.818 | 32481.664 | 39078.637 | 24.989 | 26.573 | 30.787 | 1.018 | 14.699 |
| 9/22/2018 20:15 | 1462500 | 26.566 | 16.151 | 59.843 | 32472.752 | 39077.621 | 24.988 | 26.573 | 30.795 | 1.018 | 14.696 |
| 9/22/2018 20:30 | 1463400 | 26.572 | 16.142 | 59.852 | 32463.875 | 39074.512 | 24.989 | 26.571 | 30.803 | 1.018 | 14.695 |
| 9/22/2018 20:45 | 1464300 | 26.575 | 16.137 | 59.862 | 32448.721 | 39061.23 | 24.975 | 26.562 | 30.818 | 1.018 | 14.702 |
| 9/22/2018 21:00 | 1465200 | 26.585 | 16.13 | 59.886 | 32450.365 | 39069.223 | 24.981 | 26.567 | 30.816 | 1.018 | 14.697 |
| 9/22/2018 21:15 | 1466100 | 26.586 | 16.127 | 59.887 | 32466.771 | 39091.656 | 24.996 | 26.582 | 30.801 | 1.018 | 14.699 |
| 9/22/2018 21:30 | 1467000 | 26.59 | 16.121 | 59.896 | 32469.104 | 39099.594 | 25.002 | 26.588 | 30.799 | 1.018 | 14.701 |
| 9/22/2018 21:45 | 1467900 | 26.6 | 16.116 | 59.919 | 32510.377 | 39153.809 | 25.04 | 26.625 | 30.799 | 1.018 | 14.696 |
| 9/22/2018 22:00 | 1468800 | 26.601 | 16.113 | 59.92 | 32526.656 | 39212.953 | 25.081 | 26.665 | 30.76 | 1.018 | 14.697 |
| 9/22/2018 22:15 | 1469700 | 26.596 | 16.111 | 59.91 | 32588.49 | 39252.563 | 25.109 | 26.692 | 30.686 | 1.018 | 14.694 |
| 9/22/2018 22:30 | 1470600.001 | 26.59 | 16.109 | 59.897 | 32611.545 | 39282 | 25.13 | 26.712 | 30.664 | 1.018 | 14.697 |
| 9/22/2018 22:45 | 1471500 | 26.586 | 16.108 | 59.887 | 32647.201 | 39326.617 | 25.162 | 26.742 | 30.63 | 1.018 | 14.698 |
| 9/22/2018 23:00 | 1472400 | 26.594 | 16.109 | 59.905 | 32684.885 | 39371.059 | 25.193 | 26.772 | 30.595 | 1.018 | 14.695 |
| 9/22/2018 23:15 | 1473300 | 26.59 | 16.112 | 59.897 | 32689.84 | 39373.996 | 25.195 | 26.774 | 30.591 | 1.018 | 14.687 |
| 9/22/2018 23:30 | 1474200 | 26.592 | 16.117 | 59.921 | 32708.602 | 39392.141 | 25.208 | 26.787 | 30.573 | 1.018 | 14.691 |
| 9/22/2018 23:45 | 1475100 | 26.588 | 16.129 | 59.892 | 32734.322 | 39411.969 | 25.223 | 26.8 | 30.549 | 1.018 | 14.694 |
| 9/23/2018 0:00 | 1476000 | 26.566 | 16.149 | 59.843 | 32743.383 | 39405.207 | 25.219 | 26.796 | 30.541 | 1.018 | 14.695 |
| 9/23/2018 0:15 | 1476900 | 26.569 | 16.201 | 59.85 | 32801.113 | 39426.918 | 25.237 | 26.81 | 30.487 | 1.018 | 14.697 |
| 9/23/2018 0:30 | 1477800 | 26.557 | 16.33 | 59.823 | 32899.309 | 39428.813 | 25.245 | 26.812 | 30.396 | 1.018 | 14.693 |
| 9/23/2018 0:45 | 1478700 | 26.549 | 16.443 | 59.805 | 33034.973 | 39488.652 | 25.293 | 26.852 | 30.271 | 1.018 | 14.698 |
| 9/23/2018 1:00 | 1479600 | 26.55 | 16.429 | 59.806 | 33030.947 | 39506.59 | 25.305 | 26.864 | 30.267 | 1.018 | 14.699 |
| 9/23/2018 1:15 | 1480500 | 26.541 | 16.4 | 59.786 | 33014.938 | 39503.727 | 25.301 | 26.863 | 30.289 | 1.018 | 14.699 |
| 9/23/2018 1:30 | 1481400 | 26.528 | 16.391 | 59.758 | 33002.613 | 39497.531 | 25.297 | 26.858 | 30.301 | 1.018 | 14.696 |
| 9/23/2018 1:45 | 1482300 | 26.53 | 16.387 | 59.762 | 32994.703 | 39490.926 | 25.292 | 26.854 | 30.308 | 1.018 | 14.686 |
| 9/23/2018 2:00 | 1483200 | 26.511 | 16.365 | 59.718 | 32961.707 | 39471.945 | 25.277 | 26.841 | 30.338 | 1.018 | 14.691 |
| 9/23/2018 2:15 | 1484100 | 26.5 | 16.37 | 59.695 | 32972.762 | 39480.426 | 25.283 | 26.847 | 30.328 | 1.018 | 14.688 |
| 9/23/2018 2:30 | 1485000 | 26.493 | 16.367 | 59.679 | 32952.488 | 39454.758 | 25.251 | 26.816 | 30.365 | 1.018 | 14.691 |
| 9/23/2018 2:45 | 1485900 | 26.491 | 16.371 | 59.671 | 32929.711 | 39438.012 | 25.246 | 26.811 | 30.366 | 1.018 | 14.692 |
| 9/23/2018 3:00 | 1486800 | 26.484 | 16.381 | 59.657 | 32875.008 | 39353.426 | 25.194 | 26.76 | 30.418 | 1.018 | 14.681 |
| 9/23/2018 3:15 | 1487700 | 26.468 | 16.387 | 59.621 | 32853.41 | 39321.813 | 25.172 | 26.739 | 30.438 | 1.018 | 14.693 |
| 9/23/2018 3:30 | 1488600 | 26.464 | 16.395 | 59.613 | 32834.891 | 39293.266 | 25.152 | 26.719 | 30.455 | 1.018 | 14.687 |
| 9/23/2018 3:45 | 1489500 | 26.467 | 16.391 | 59.62 | 32801.16 | 39256.277 | 25.126 | 26.694 | 30.487 | 1.018 | 14.682 |
| 9/23/2018 4:00 | 1490400 | 26.451 | 16.397 | 59.582 | 32746.273 | 39185.41 | 25.076 | 26.646 | 30.538 | 1.018 | 14.689 |
| 9/23/2018 4:15 | 1491300 | 26.459 | 16.401 | 59.602 | 32706.48 | 39133.941 | 25.04 | 26.611 | 30.575 | 1.018 | 14.682 |
| 9/23/2018 4:30 | 1492200 | 26.448 | 16.4 | 59.576 | 32715.324 | 39144.988 | 25.047 | 26.619 | 30.567 | 1.018 | 14.688 |
| 9/23/2018 4:45 | 1493100 | 26.453 | 16.395 | 59.588 | 32667.221 | 39092.141 | 25.01 | 26.583 | 30.612 | 1.018 | 14.679 |
| 9/23/2018 5:00 | 1494000 | 26.444 | 16.399 | 59.567 | 32657.523 | 39077.012 | 24.999 | 26.572 | 30.621 | 1.018 | 14.686 |
| 9/23/2018 5:15 | 1494900 | 26.452 | 16.403 | 59.586 | 32630.795 | 39041.266 | 24.974 | 26.548 | 30.646 | 1.018 | 14.678 |
| 9/23/2018 5:30 | 1495800 | 26.445 | 16.405 | 59.57 | 32616.211 | 39022.336 | 24.961 | 26.535 | 30.66 | 1.018 | 14.682 |
| 9/23/2018 5:45 | 1496700 | 26.45 | 16.402 | 59.582 | 32588.938 | 38991.777 | 24.939 | 26.514 | 30.685 | 1.018 | 14.685 |
| 9/23/2018 6:00 | 1497600 | 26.453 | 16.4 | 59.587 | 32545.797 | 38942.141 | 24.904 | 26.481 | 30.726 | 1.018 | 14.679 |
| 9/23/2018 6:15 | 1498500 | 26.45 | 16.405 | 59.582 | 32557.936 | 38952.844 | 24.912 | 26.488 | 30.714 | 1.018 | 14.691 |
| 9/23/2018 6:30 | 1499400.001 | 26.458 | 16.401 | 59.598 | 32536.344 | 38930.066 | 24.896 | 26.472 | 30.735 | 1.018 | 14.686 |
| 9/23/2018 6:45 | 1500300 | 26.465 | 16.403 | 59.615 | 32541.068 | 38934.379 | 24.899 | 26.475 | 30.73 | 1.018 | 14.685 |
| 9/23/2018 7:00 | 1501200 | 26.471 | 16.397 | 59.628 | 32538.24 | 38936.535 | 24.9 | 26.477 | 30.733 | 1.018 | 14.686 |
| 9/23/2018 7:15 | 1502100 | 26.48 | 16.392 | 59.628 | 32520.084 | 38914.66 | 24.884 | 26.462 | 30.75 | 1.018 | 14.691 |
| 9/23/2018 7:30 | 1503000 | 26.491 | 16.39 | 59.673 | 32525.861 | 38927.895 | 24.893 | 26.471 | 30.745 | 1.018 | 14.686 |
| 9/23/2018 7:45 | 1503900 | 26.491 | 16.383 | 59.673 | 32494.813 | 38896.52 | 24.871 | 26.45 | 30.774 | 1.018 | 14.688 |
| 9/23/2018 8:00 | 1504800 | 26.495 | 16.357 | 59.683 | 32474.834 | 38896.094 | 24.869 | 26.449 | 30.793 | 1.018 | 14.695 |
| 9/23/2018 8:15 | 1505700 | 26.492 | 16.305 | 59.676 | 32427.209 | 38884.898 | 24.859 | 26.442 | 30.838 | 1.018 | 14.7 |
| 9/23/2018 8:30 | 1506600 | 26.506 | 16.251 | 59.707 | 32399.941 | 38900.707 | 24.868 | 26.452 | 30.864 | 1.018 | 14.698 |
| 9/23/2018 8:45 | 1507500 | 26.507 | 16.271 | 59.723 | 32374.063 | 38919.011 | 24.871 | 26.458 | 30.889 | 1.018 | 14.701 |
| 9/23/2018 9:00 | 1508400.001 | 26.524 | 16.184 | 59.747 | 32362.676 | 38915.367 | 24.875 | 26.462 | 30.9 | 1.018 | 14.703 |
| 9/23/2018 9:15 | 1509300 | 26.524 | 16.172 | 59.748 | 32352.395 | 38913.676 | 24.873 | 26.461 | 30.91 | 1.018 | 14.708 |
| 9/23/2018 9:30 | 1510200 | 26.535 | 16.165 | 59.772 | 32335.713 | 38899.668 | 24.863 | 26.452 | 30.926 | 1.018 | 14.703 |
| 9/23/2018 9:45 | 1511100 | 26.544 | 16.162 | 59.794 | 32337.887 | 38905.262 | 24.866 | 26.456 | 30.923 | 1.018 | 14.706 |
| 9/23/2018 10:00 | 1512000 | 26.538 | 16.158 | 59.798 | 32350.17 | 38923.656 | 24.879 | 26.468 | 30.912 | 1.018 | 14.709 |
| 9/23/2018 10:15 | 1512900 | 26.543 | 16.151 | 59.791 | 32336.664 | 38913.852 | 24.866 | 26.461 | 30.925 | 1.018 | 14.712 |
| 9/23/2018 10:30 | 1513800 | 26.557 | 16.145 | 59.821 | 32332.291 | 38913.688 | 24.872 | 26.461 | 30.929 | 1.018 | 14.708 |
| 9/23/2018 10:45 | 1514700 | 26.554 | 16.141 | 59.816 | 32358.635 | 38949.41 | 24.897 | 26.486 | 30.904 | 1.018 | 14.705 |
| 9/23/2018 11:00 | 1515600 | 26.559 | 16.137 | 59.827 | 32371.521 | 38967.844 | 24.909 | 26.498 | 30.891 | 1.018 | 14.702 |
| 9/23/2018 11:15 | 1516500 | 26.564 | 16.135 | 59.838 | 32402.529 | 39007.051 | 24.937 | 26.525 | 30.862 | 1.018 | 14.7 |
| 9/23/2018 11:30 | 1517400 | 26.561 | 16.134 | 59.832 | 32412.932 | 39020.277 | 24.946 | 26.534 | 30.852 | 1.018 | 14.7 |
| 9/23/2018 11:45 | 1518300 | 26.546 | 16.133 | 59.797 | 32444.492 | 39059.547 | 24.974 | 26.56 | 30.822 | 1.018 | 14.708 |
| 9/23/2018 12:00 | 1519200 | 26.544 | 16.132 | 59.794 | 32469.811 | 39090.656 | 24.992 | 26.582 | 30.798 | 1.018 | 14.706 |
| 9/23/2018 12:15 | 1520100 | 26.561 | 16.134 | 59.83 | 32500.044 | 39125.582 | 25.021 | 26.605 | 30.769 | 1.018 | 14.696 |
| 9/23/2018 12:30 | 1521000 | 26.553 | 16.139 | 59.813 | 32481.08 | | | | | | |

| | | | | | | | | | | | |
|-----------------|-------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/24/2018 20:45 | 1637100.001 | 26.535 | 16.153 | 59.772 | 32498.877 | 39106.844 | 25.008 | 26.593 | 30.77 | 1.018 | 14.681 |
| 9/24/2018 21:00 | 1638000 | 26.551 | 16.136 | 59.81 | 32502.094 | 39126.035 | 25.021 | 26.606 | 30.767 | 1.018 | 14.675 |
| 9/24/2018 21:15 | 1638900.001 | 26.553 | 16.129 | 59.814 | 32494.609 | 39123.746 | 25.019 | 26.604 | 30.774 | 1.018 | 14.681 |
| 9/24/2018 21:30 | 1639800 | 26.568 | 16.119 | 59.846 | 32475.387 | 39108.973 | 25.008 | 26.594 | 30.793 | 1.018 | 14.68 |
| 9/24/2018 21:45 | 1640700 | 26.564 | 16.115 | 59.837 | 32494.773 | 39136.363 | 25.027 | 26.613 | 30.774 | 1.018 | 14.682 |
| 9/24/2018 22:00 | 1641600 | 26.569 | 16.111 | 59.849 | 32496.914 | 39142.816 | 25.032 | 26.617 | 30.772 | 1.018 | 14.68 |
| 9/24/2018 22:15 | 1642500 | 26.575 | 16.106 | 59.863 | 32513.791 | 39157.723 | 25.049 | 26.634 | 30.756 | 1.018 | 14.684 |
| 9/24/2018 22:30 | 1643400 | 26.577 | 16.1 | 59.866 | 32538.426 | 39202.402 | 25.073 | 26.658 | 30.733 | 1.018 | 14.689 |
| 9/24/2018 22:45 | 1644300 | 26.586 | 16.095 | 59.887 | 32602.854 | 39284.867 | 25.131 | 26.714 | 30.672 | 1.018 | 14.689 |
| 9/24/2018 23:00 | 1645200 | 26.586 | 16.091 | 59.888 | 32652.588 | 39347.98 | 25.176 | 26.757 | 30.625 | 1.018 | 14.689 |
| 9/24/2018 23:15 | 1646100 | 26.592 | 16.087 | 59.902 | 32674.184 | 39377.828 | 25.197 | 26.777 | 30.605 | 1.018 | 14.691 |
| 9/24/2018 23:30 | 1647000 | 26.592 | 16.083 | 59.9 | 32719.236 | 39435.711 | 25.237 | 26.816 | 30.563 | 1.018 | 14.691 |
| 9/24/2018 23:45 | 1647900 | 26.601 | 16.078 | 59.921 | 32755.117 | 39480.484 | 25.269 | 26.847 | 30.53 | 1.018 | 14.681 |
| 9/25/2018 00:00 | 1648800 | 26.597 | 16.08 | 59.911 | 32789.449 | 39525.215 | 25.301 | 26.877 | 30.498 | 1.018 | 14.688 |
| 9/25/2018 01:15 | 1649700 | 26.591 | 16.078 | 59.899 | 32800.059 | 39537.285 | 25.309 | 26.885 | 30.488 | 1.018 | 14.689 |
| 9/25/2018 03:00 | 1650600 | 26.594 | 16.08 | 59.906 | 32827.34 | 39568.402 | 25.331 | 26.907 | 30.462 | 1.018 | 14.688 |
| 9/25/2018 04:45 | 1651500 | 26.587 | 16.088 | 59.889 | 32865.355 | 39606.949 | 25.359 | 26.933 | 30.427 | 1.018 | 14.686 |
| 9/25/2018 10:00 | 1652400 | 26.579 | 16.103 | 59.873 | 32894.785 | 39629.266 | 25.375 | 26.948 | 30.4 | 1.018 | 14.691 |
| 9/25/2018 11:15 | 1653300.001 | 26.579 | 16.132 | 59.873 | 32908.484 | 39641.738 | 25.37 | 26.941 | 30.53 | 1.018 | 14.688 |
| 9/25/2018 13:30 | 1654200 | 26.582 | 16.205 | 59.878 | 32937.91 | 39587.992 | 25.351 | 26.92 | 30.36 | 1.018 | 14.688 |
| 9/25/2018 14:45 | 1655100 | 26.566 | 16.333 | 59.842 | 33040.656 | 39595.023 | 25.363 | 26.925 | 30.266 | 1.018 | 14.689 |
| 9/25/2018 2:00 | 1656000 | 26.561 | 16.412 | 59.832 | 33151.402 | 39655.953 | 25.41 | 26.966 | 30.165 | 1.018 | 14.687 |
| 9/25/2018 2:15 | 1656900 | 26.551 | 16.39 | 59.809 | 33180.164 | 39710.594 | 25.447 | 27.003 | 30.138 | 1.018 | 14.688 |
| 9/25/2018 2:30 | 1657800 | 26.546 | 16.384 | 59.797 | 33169.402 | 39702.969 | 25.442 | 26.998 | 30.148 | 1.018 | 14.687 |
| 9/25/2018 2:45 | 1658700 | 26.539 | 16.369 | 59.781 | 33143.684 | 39685.633 | 25.429 | 26.986 | 30.172 | 1.018 | 14.689 |
| 9/25/2018 3:00 | 1659600 | 26.529 | 16.353 | 59.759 | 33128.457 | 39682.707 | 25.426 | 26.984 | 30.186 | 1.018 | 14.69 |
| 9/25/2018 3:15 | 1660500 | 26.531 | 16.343 | 59.763 | 33090.09 | 39645.348 | 25.399 | 26.959 | 30.221 | 1.018 | 14.686 |
| 9/25/2018 3:30 | 1661400 | 26.518 | 16.347 | 59.734 | 33062.164 | 39608.066 | 25.373 | 26.933 | 30.246 | 1.018 | 14.686 |
| 9/25/2018 3:45 | 1662300 | 26.508 | 16.355 | 59.713 | 33054.199 | 39591.773 | 25.361 | 26.922 | 30.253 | 1.018 | 14.686 |
| 9/25/2018 4:00 | 1663200 | 26.501 | 16.36 | 59.696 | 33004.48 | 39527.688 | 25.316 | 26.879 | 30.299 | 1.018 | 14.69 |
| 9/25/2018 4:15 | 1664100 | 26.501 | 16.343 | 59.687 | 32975.675 | 39490.021 | 25.29 | 26.853 | 30.35 | 1.018 | 14.68 |
| 9/25/2018 4:30 | 1665000 | 26.49 | 16.368 | 59.671 | 32936.715 | 39439.168 | 25.254 | 26.819 | 30.361 | 1.018 | 14.687 |
| 9/25/2018 4:45 | 1665900 | 26.487 | 16.377 | 59.664 | 32902.895 | 39390.832 | 25.22 | 26.786 | 30.392 | 1.018 | 14.685 |
| 9/25/2018 5:00 | 1666800 | 26.491 | 16.387 | 59.674 | 32868.188 | 39340.363 | 25.185 | 26.751 | 30.425 | 1.018 | 14.678 |
| 9/25/2018 5:15 | 1667700 | 26.483 | 16.386 | 59.655 | 32845.719 | 39314.34 | 25.167 | 26.734 | 30.445 | 1.018 | 14.682 |
| 9/25/2018 5:30 | 1668600 | 26.48 | 16.393 | 59.649 | 32801.762 | 39255.352 | 25.125 | 26.694 | 30.486 | 1.018 | 14.685 |
| 9/25/2018 5:45 | 1669500 | 26.476 | 16.404 | 59.649 | 32758.199 | 39201.723 | 25.087 | 26.657 | 30.527 | 1.018 | 14.69 |
| 9/25/2018 6:00 | 1670400 | 26.472 | 16.395 | 59.63 | 32758.311 | 39201.145 | 25.087 | 26.657 | 30.527 | 1.018 | 14.692 |
| 9/25/2018 6:15 | 1671300 | 26.481 | 16.394 | 59.652 | 32757.551 | 39201.262 | 25.087 | 26.657 | 30.527 | 1.018 | 14.691 |
| 9/25/2018 6:30 | 1672200 | 26.485 | 16.399 | 59.659 | 32725.291 | 39158.492 | 25.057 | 26.628 | 30.557 | 1.018 | 14.686 |
| 9/25/2018 6:45 | 1673100 | 26.482 | 16.396 | 59.653 | 32695.229 | 39125.105 | 25.033 | 26.605 | 30.586 | 1.018 | 14.696 |
| 9/25/2018 7:00 | 1674000 | 26.493 | 16.396 | 59.678 | 32689.84 | 39118.582 | 25.029 | 26.601 | 30.591 | 1.018 | 14.69 |
| 9/25/2018 7:15 | 1674900 | 26.498 | 16.401 | 59.69 | 32689.021 | 39112.813 | 25.025 | 26.597 | 30.591 | 1.018 | 14.69 |
| 9/25/2018 7:30 | 1675800 | 26.499 | 16.408 | 59.69 | 32663.104 | 39084.551 | 25.005 | 26.577 | 30.616 | 1.018 | 14.692 |
| 9/25/2018 7:45 | 1676700.001 | 26.506 | 16.394 | 59.707 | 32651.391 | 39074.301 | 24.997 | 26.571 | 30.627 | 1.018 | 14.692 |
| 9/25/2018 8:00 | 1677600 | 26.505 | 16.389 | 59.706 | 32629.027 | 39051.918 | 24.981 | 26.555 | 30.648 | 1.018 | 14.698 |
| 9/25/2018 8:15 | 1678500 | 26.512 | 16.381 | 59.722 | 32628.002 | 39057.82 | 24.985 | 26.559 | 30.649 | 1.018 | 14.698 |
| 9/25/2018 8:30 | 1679400 | 26.522 | 16.36 | 59.744 | 32614.484 | 39060.535 | 24.986 | 26.561 | 30.661 | 1.018 | 14.7 |
| 9/25/2018 8:45 | 1680300 | 26.524 | 16.332 | 59.749 | 32575.602 | 39038.59 | 24.969 | 26.546 | 30.698 | 1.018 | 14.706 |
| 9/25/2018 9:00 | 1681200.001 | 26.533 | 16.285 | 59.768 | 32543.541 | 39042.133 | 24.969 | 26.549 | 30.728 | 1.018 | 14.705 |
| 9/25/2018 9:15 | 1682100.001 | 26.544 | 16.233 | 59.792 | 32497.463 | 39033.582 | 24.961 | 26.543 | 30.772 | 1.018 | 14.701 |
| 9/25/2018 9:30 | 1683000 | 26.55 | 16.185 | 59.806 | 32482.559 | 39058.578 | 24.976 | 26.56 | 30.786 | 1.018 | 14.707 |
| 9/25/2018 9:45 | 1683900 | 26.558 | 16.159 | 59.825 | 32443.051 | 39034.863 | 24.958 | 26.544 | 30.823 | 1.018 | 14.709 |
| 9/25/2018 10:00 | 1684800 | 26.56 | 16.146 | 59.829 | 32459.918 | 39066.656 | 24.98 | 26.565 | 30.807 | 1.018 | 14.711 |
| 9/25/2018 10:15 | 1685700 | 26.564 | 16.135 | 59.839 | 32419.039 | 39027.402 | 24.951 | 26.539 | 30.846 | 1.018 | 14.718 |
| 9/25/2018 10:30 | 1686600 | 26.577 | 16.132 | 59.868 | 32404.047 | 39048.379 | 24.966 | 26.553 | 30.832 | 1.018 | 14.712 |
| 9/25/2018 10:45 | 1687500 | 26.584 | 16.129 | 59.883 | 32425.539 | 39040.742 | 24.961 | 26.548 | 30.84 | 1.018 | 14.71 |
| 9/25/2018 11:00 | 1688400 | 26.581 | 16.123 | 59.877 | 32415.295 | 39033.621 | 24.955 | 26.543 | 30.85 | 1.018 | 14.712 |
| 9/25/2018 11:15 | 1689300 | 26.579 | 16.12 | 59.873 | 32455.645 | 39084.813 | 24.991 | 26.578 | 30.811 | 1.018 | 14.715 |
| 9/25/2018 11:30 | 1690200 | 26.588 | 16.116 | 59.892 | 32475.682 | 39112.664 | 25.011 | 26.597 | 30.792 | 1.018 | 14.719 |
| 9/25/2018 11:45 | 1691100 | 26.584 | 16.113 | 59.883 | 32503.555 | 39148.996 | 25.036 | 26.621 | 30.766 | 1.018 | 14.716 |
| 9/25/2018 12:00 | 1692000 | 26.583 | 16.109 | 59.883 | 32523.477 | 39174.738 | 25.054 | 26.639 | 30.772 | 1.018 | 14.712 |
| 9/25/2018 12:15 | 1692900 | 26.588 | 16.109 | 59.892 | 32556.281 | 39215.434 | 25.083 | 26.666 | 30.716 | 1.018 | 14.719 |
| 9/25/2018 12:30 | 1693800 | 26.589 | 16.108 | 59.893 | 32567.807 | 39230.668 | 25.094 | 26.677 | 30.705 | 1.018 | 14.718 |
| 9/25/2018 12:45 | 1694700 | 26.58 | 16.111 | 59.875 | 32599.834 | 39267.102 | 25.12 | 26.702 | 30.675 | 1.018 | 14.724 |
| 9/25/2018 13:00 | 1695600 | 26.574 | 16.113 | 59.861 | 32639.563 | 39312.332 | 25.152 | 26.732 | 30.638 | 1.018 | 14.718 |
| 9/25/2018 13:15 | 1696500 | 26.577 | 16.12 | 59.866 | 32630.428 | 39295.531 | 25.14 | 26.721 | 30.646 | 1.018 | 14.713 |
| 9/25/2018 13:30 | 1697400 | 26.577 | 16.132 | 59.873 | 32648.175 | 39313.141 | 25.149 | 26.711 | 30.611 | 1.018 | 14.721 |
| 9/25/2018 13:45 | 1698300 | 26.555 | 16.149 | 59.818 | 32688.98 | 39339.426 | 25.173 | 26.751 | 30.591 | 1.018 | 14.72 |
| 9/25/2018 14:00 | 1699200 | 26.562 | 16.185 | 59.833 | 32702.512 | 39323.379 | 25.163 | 26.74 | 30.579 | 1.018 | 14.716 |
| 9/25/2018 14:15 | 1700100 | 26.558 | 16.261 | 59.824 | 32774.039 | 39340.75 | 25.179 | 26.752 | 30.512 | 1.018 | 14.708 |
| 9/25/2018 14:30 | 1701000 | 26.536 | 16.399 | 59.776 | 32881.648 | 39345.586 | 25.189 | 26.755 | 30.412 | 1.018 | 14.715 |
| 9/25/2018 14:45 | 1701900 | 26.538 | 16.468 | 59.779 | 32927.332 | 39391.836 | 25.225 | 26.786 | 30.328 | 1.018 | 14.709 |
| 9/25/2018 15:00 | 1702800 | 26.537 | 16.457 | 59.757 | 33002.43 | 39435.621 | 25.262 | 26.816 | 30.216 | 1.018 | 14.716 |
| 9/25/2018 15:15 | 1703700 | 26.521 | 16.445 | 59.742 | 33004.805 | 39451.258 | 25.266 | 26.827 | 30.299 | 1.018 | 14.707 |
| 9/25/2018 15:30 | 1704600 | 26.515 | 16.41 | 59.727 | 32977.375 | 39449.523 | 25.263 | 26.826 | 30.324 | 1.018 | 14.708 |
| 9/25/2018 15:45 | 1705500 | 26.503 | 16.394 | 59.702 | 32953.359 | 39435.813 | 25.253 | 26.816 | 30.346 | 1.018 | 14.707 |
| 9/25/2018 16:00 | 1706400 | 26.492 | 16.403 | 59.676 | 32946.582 | 39419.324 | 25.242 | 26.805 | 30.352 | 1.018 | 14.708 |
| 9/25/2018 16:15 | 1707300 | 26.487 | 16.405 | 59.665 | 32951.996 | 39423.91 | 25.245 | 26.808 | 30.347 | 1.018 | 14.707 |
| 9/25/2018 16:30 | 1708200.001 | 26.483 | 16.4 | 59.654 | 32984.516 | 39359.563 | 25.199 | 26.765 | 30.4 | 1.018 | 14.706 |
| 9/25/2018 16:45 | 1709100.001 | 26.479 | 16.41 | 59.646 | 32985.406 | 39340.666 | 25.186 | 26.751 | 30.409 | 1.018 | 14.701 |
| 9/25/2018 17:00 | 1710000 | 26.47 | 16.414 | 59.627 | 32905.809 | 39360.52 | 25.201 | | | | |

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|-----------------|-------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/27/2018 1:30 | 1827000 | 26.585 | 16.139 | 59.886 | 32468.006 | 39082.164 | 24.99 | 26.576 | 30.8 | 1.018 | 14.714 |
| 9/27/2018 1:45 | 1827900 | 26.589 | 16.142 | 59.895 | 32503.697 | 39123.148 | 25.019 | 26.604 | 30.766 | 1.018 | 14.707 |
| 9/27/2018 2:00 | 1828800 | 26.587 | 16.144 | 59.889 | 32530.43 | 39153.109 | 25.041 | 26.624 | 30.74 | 1.018 | 14.706 |
| 9/27/2018 2:15 | 1829700 | 26.586 | 16.152 | 59.887 | 32544.408 | 39163.063 | 25.048 | 26.624 | 30.727 | 1.018 | 14.705 |
| 9/27/2018 2:30 | 1830600.001 | 26.582 | 16.16 | 59.88 | 32563.182 | 39178.047 | 25.059 | 26.641 | 30.71 | 1.018 | 14.701 |
| 9/27/2018 2:45 | 1831500 | 26.572 | 16.178 | 59.856 | 32575.158 | 39176.09 | 25.059 | 26.64 | 30.698 | 1.018 | 14.706 |
| 9/27/2018 3:00 | 1832400 | 26.566 | 16.184 | 59.842 | 32596.004 | 39180.023 | 25.063 | 26.643 | 30.678 | 1.018 | 14.706 |
| 9/27/2018 3:15 | 1833300 | 26.56 | 16.245 | 59.828 | 32622.885 | 39173.664 | 25.06 | 26.638 | 30.653 | 1.018 | 14.706 |
| 9/27/2018 3:30 | 1834200 | 26.549 | 16.31 | 59.804 | 32683.891 | 39188.27 | 25.074 | 26.648 | 30.596 | 1.018 | 14.706 |
| 9/27/2018 3:45 | 1835100 | 26.552 | 16.395 | 59.811 | 32733.449 | 39171.32 | 25.066 | 26.636 | 30.55 | 1.018 | 14.705 |
| 9/27/2018 4:00 | 1836000.001 | 26.55 | 16.484 | 59.806 | 32862.844 | 39246.418 | 25.123 | 26.688 | 30.43 | 1.018 | 14.702 |
| 9/27/2018 4:15 | 1836900 | 26.541 | 16.491 | 59.786 | 32924.203 | 39313.086 | 25.171 | 26.733 | 30.373 | 1.018 | 14.7 |
| 9/27/2018 4:30 | 1837800 | 26.534 | 16.495 | 59.784 | 32934.613 | 39344.613 | 25.182 | 26.754 | 30.367 | 1.018 | 14.706 |
| 9/27/2018 4:45 | 1838700 | 26.525 | 16.451 | 59.75 | 32907.676 | 39329.238 | 25.18 | 26.744 | 30.388 | 1.018 | 14.702 |
| 9/27/2018 5:00 | 1839600 | 26.522 | 16.438 | 59.742 | 32872.539 | 39299.207 | 25.158 | 26.723 | 30.421 | 1.018 | 14.702 |
| 9/27/2018 5:15 | 1840500 | 26.513 | 16.435 | 59.724 | 32887.406 | 39319.594 | 25.173 | 26.737 | 30.407 | 1.018 | 14.706 |
| 9/27/2018 5:30 | 1841400 | 26.516 | 16.434 | 59.731 | 32922.676 | 39362.625 | 25.203 | 26.767 | 30.374 | 1.018 | 14.7 |
| 9/27/2018 5:45 | 1842300 | 26.505 | 16.436 | 59.705 | 32850.512 | 39274.844 | 25.141 | 26.707 | 30.441 | 1.018 | 14.708 |
| 9/27/2018 6:00 | 1843200 | 26.507 | 16.439 | 59.71 | 32814.645 | 39232.445 | 25.111 | 26.678 | 30.474 | 1.018 | 14.699 |
| 9/27/2018 6:15 | 1844100 | 26.507 | 16.442 | 59.709 | 32826.707 | 39241.199 | 25.118 | 26.684 | 30.463 | 1.018 | 14.701 |
| 9/27/2018 6:30 | 1845000 | 26.492 | 16.448 | 59.677 | 32814.77 | 39221.504 | 25.104 | 26.671 | 30.474 | 1.018 | 14.712 |
| 9/27/2018 6:45 | 1845900 | 26.495 | 16.448 | 59.683 | 32789.594 | 39191.18 | 25.082 | 26.65 | 30.497 | 1.018 | 14.708 |
| 9/27/2018 7:00 | 1846800 | 26.502 | 16.442 | 59.699 | 32763.291 | 39165.465 | 25.064 | 26.633 | 30.522 | 1.018 | 14.705 |
| 9/27/2018 7:15 | 1847700 | 26.506 | 16.448 | 59.707 | 32763.068 | 39159.316 | 25.06 | 26.628 | 30.522 | 1.018 | 14.714 |
| 9/27/2018 7:30 | 1848600 | 26.503 | 16.444 | 59.7 | 32745.136 | 39141.918 | 25.047 | 26.617 | 30.539 | 1.018 | 14.71 |
| 9/27/2018 7:45 | 1849500 | 26.505 | 16.446 | 59.705 | 32737.049 | 39130.02 | 25.039 | 26.608 | 30.546 | 1.018 | 14.714 |
| 9/27/2018 8:00 | 1850400 | 26.512 | 16.445 | 59.721 | 32734.305 | 39128.156 | 25.038 | 26.607 | 30.549 | 1.018 | 14.711 |
| 9/27/2018 8:15 | 1851300 | 26.513 | 16.442 | 59.723 | 32705.34 | 39096.27 | 25.015 | 26.585 | 30.576 | 1.018 | 14.718 |
| 9/27/2018 8:30 | 1852200 | 26.522 | 16.437 | 59.744 | 32699.18 | 39092.973 | 25.012 | 26.583 | 30.582 | 1.018 | 14.711 |
| 9/27/2018 8:45 | 1853100 | 26.526 | 16.425 | 59.753 | 32670.217 | 39069.156 | 24.995 | 26.567 | 30.609 | 1.018 | 14.715 |
| 9/27/2018 9:00 | 1854000 | 26.526 | 16.41 | 59.752 | 32659.246 | 39069.507 | 24.998 | 26.567 | 30.619 | 1.018 | 14.716 |
| 9/27/2018 9:15 | 1854900 | 26.53 | 16.389 | 59.761 | 32637.482 | 39062.195 | 24.988 | 26.562 | 30.64 | 1.018 | 14.72 |
| 9/27/2018 9:30 | 1855800 | 26.537 | 16.358 | 59.777 | 32623.1 | 39072.113 | 24.994 | 26.569 | 30.653 | 1.018 | 14.722 |
| 9/27/2018 9:45 | 1856700 | 26.548 | 16.319 | 59.801 | 32577.695 | 39052.625 | 24.978 | 26.556 | 30.696 | 1.018 | 14.724 |
| 9/27/2018 10:00 | 1857600 | 26.554 | 16.267 | 59.814 | 32541.658 | 39056.227 | 24.978 | 26.558 | 30.73 | 1.018 | 14.719 |
| 9/27/2018 10:15 | 1858500 | 26.554 | 16.217 | 59.815 | 32495.971 | 39045.879 | 24.969 | 26.551 | 30.773 | 1.018 | 14.725 |
| 9/27/2018 10:30 | 1859400 | 26.567 | 16.182 | 59.844 | 32477.682 | 39047.674 | 24.974 | 26.558 | 30.79 | 1.018 | 14.723 |
| 9/27/2018 10:45 | 1860300 | 26.581 | 16.167 | 59.877 | 32468.848 | 39058.801 | 24.975 | 26.56 | 30.799 | 1.018 | 14.718 |
| 9/27/2018 11:00 | 1861200 | 26.582 | 16.158 | 59.879 | 32447.932 | 39041.199 | 24.962 | 26.548 | 30.819 | 1.018 | 14.716 |
| 9/27/2018 11:15 | 1862100 | 26.585 | 16.149 | 59.886 | 32452.758 | 39055.145 | 24.972 | 26.557 | 30.814 | 1.018 | 14.721 |
| 9/27/2018 11:30 | 1863000 | 26.591 | 16.142 | 59.899 | 32445.115 | 39052.168 | 24.969 | 26.555 | 30.821 | 1.018 | 14.72 |
| 9/27/2018 11:45 | 1863900 | 26.597 | 16.136 | 59.913 | 32423.398 | 39031.461 | 24.954 | 26.541 | 30.842 | 1.018 | 14.719 |
| 9/27/2018 12:00 | 1864800 | 26.59 | 16.132 | 59.896 | 32454.195 | 39072.25 | 24.983 | 26.569 | 30.813 | 1.018 | 14.719 |
| 9/27/2018 12:15 | 1865700 | 26.603 | 16.128 | 59.926 | 32468.492 | 39092.838 | 24.997 | 26.583 | 30.799 | 1.018 | 14.716 |
| 9/27/2018 12:30 | 1866600 | 26.614 | 16.121 | 59.952 | 32491.93 | 39127.32 | 25.021 | 26.607 | 30.777 | 1.018 | 14.708 |
| 9/27/2018 12:45 | 1867500 | 26.591 | 16.118 | 59.899 | 32522.93 | 39167.258 | 25.049 | 26.634 | 30.748 | 1.018 | 14.721 |
| 9/27/2018 13:00 | 1868400 | 26.606 | 16.116 | 59.933 | 32566.992 | 39222.637 | 25.088 | 26.671 | 30.706 | 1.018 | 14.706 |
| 9/27/2018 13:15 | 1869300.001 | 26.603 | 16.112 | 59.926 | 32581.854 | 39243.535 | 25.103 | 26.686 | 30.692 | 1.018 | 14.711 |
| 9/27/2018 13:30 | 1870200 | 26.595 | 16.111 | 59.907 | 32647.26 | 39323.668 | 25.16 | 26.74 | 30.63 | 1.018 | 14.708 |
| 9/27/2018 13:45 | 1871100 | 26.598 | 16.109 | 59.914 | 32664.738 | 39346.216 | 25.176 | 26.755 | 30.614 | 1.018 | 14.702 |
| 9/27/2018 14:00 | 1872000 | 26.592 | 16.112 | 59.9 | 32665.93 | 39345.047 | 25.175 | 26.755 | 30.613 | 1.018 | 14.7 |
| 9/27/2018 14:15 | 1872900 | 26.584 | 16.115 | 59.883 | 32687.424 | 39368.148 | 25.191 | 26.77 | 30.593 | 1.018 | 14.701 |
| 9/27/2018 14:30 | 1873800 | 26.586 | 16.124 | 59.888 | 32722.174 | 39402.359 | 25.216 | 26.794 | 30.56 | 1.018 | 14.692 |
| 9/27/2018 14:45 | 1874700 | 26.579 | 16.142 | 59.871 | 32740.928 | 39408.223 | 25.221 | 26.798 | 30.543 | 1.018 | 14.694 |
| 9/27/2018 15:00 | 1875600 | 26.575 | 16.167 | 59.863 | 32758.893 | 39407.078 | 25.221 | 26.797 | 30.526 | 1.018 | 14.696 |
| 9/27/2018 15:15 | 1876500 | 26.577 | 16.216 | 59.857 | 32794.121 | 39454.922 | 25.222 | 26.795 | 30.493 | 1.018 | 14.689 |
| 9/27/2018 15:30 | 1877400.001 | 26.562 | 16.307 | 59.833 | 32873.074 | 39471.563 | 25.236 | 26.804 | 30.42 | 1.018 | 14.688 |
| 9/27/2018 15:45 | 1878300 | 26.556 | 16.45 | 59.82 | 32882.41 | 39420.211 | 25.245 | 26.806 | 30.319 | 1.018 | 14.688 |
| 9/27/2018 16:00 | 1879200 | 26.551 | 16.491 | 59.808 | 33094.219 | 39516.336 | 25.315 | 26.871 | 30.217 | 1.018 | 14.687 |
| 9/27/2018 16:15 | 1880100 | 26.543 | 16.481 | 59.79 | 33120.82 | 39556.969 | 25.343 | 26.899 | 30.192 | 1.018 | 14.687 |
| 9/27/2018 16:30 | 1881000 | 26.533 | 16.465 | 59.767 | 33091.496 | 39536.895 | 25.328 | 26.885 | 30.219 | 1.018 | 14.69 |
| 9/27/2018 16:45 | 1881900 | 26.537 | 16.453 | 59.753 | 33073.238 | 39513.766 | 25.325 | 26.883 | 30.236 | 1.018 | 14.688 |
| 9/27/2018 17:00 | 1882800 | 26.524 | 16.427 | 59.747 | 33033.957 | 39502.406 | 25.302 | 26.862 | 30.272 | 1.018 | 14.684 |
| 9/27/2018 17:15 | 1883700 | 26.503 | 16.417 | 59.7 | 33002.227 | 39472.914 | 25.28 | 26.842 | 30.301 | 1.018 | 14.695 |
| 9/27/2018 17:30 | 1884600 | 26.499 | 16.414 | 59.693 | 33005.336 | 39479.57 | 25.285 | 26.846 | 30.298 | 1.018 | 14.689 |
| 9/27/2018 17:45 | 1885500.001 | 26.494 | 16.421 | 59.681 | 32985.105 | 39449.289 | 25.264 | 26.826 | 30.317 | 1.018 | 14.687 |
| 9/27/2018 18:00 | 1886400 | 26.496 | 16.421 | 59.686 | 32965.094 | 39425.664 | 25.247 | 26.809 | 30.335 | 1.018 | 14.686 |
| 9/27/2018 18:15 | 1887300 | 26.481 | 16.42 | 59.681 | 32919.422 | 39370.887 | 25.222 | 26.791 | 30.377 | 1.018 | 14.688 |
| 9/27/2018 18:30 | 1888200 | 26.477 | 16.423 | 59.641 | 32905.668 | 39352.855 | 25.196 | 26.76 | 30.39 | 1.018 | 14.686 |
| 9/27/2018 18:45 | 1889100 | 26.481 | 16.432 | 59.652 | 32884.605 | 39319.32 | 25.172 | 26.737 | 30.409 | 1.018 | 14.679 |
| 9/27/2018 19:00 | 1890000 | 26.478 | 16.437 | 59.644 | 32864.195 | 39289.945 | 25.152 | 26.717 | 30.428 | 1.018 | 14.675 |
| 9/27/2018 19:15 | 1890900 | 26.467 | 16.437 | 59.62 | 32844.781 | 39267.133 | 25.136 | 26.702 | 30.446 | 1.018 | 14.685 |
| 9/27/2018 19:30 | 1891800 | 26.461 | 16.447 | 59.606 | 32804.563 | 39210.254 | 25.096 | 26.663 | 30.484 | 1.018 | 14.686 |
| 9/27/2018 19:45 | 1892700 | 26.47 | 16.47 | 59.625 | 32782.098 | 39182.922 | 25.077 | 26.644 | 30.517 | 1.018 | 14.68 |
| 9/27/2018 20:00 | 1893600 | 26.465 | 16.446 | 59.615 | 32773.289 | 39173.879 | 25.07 | 26.638 | 30.513 | 1.018 | 14.682 |
| 9/27/2018 20:15 | 1894500 | 26.466 | 16.448 | 59.617 | 32755.33 | 39149.906 | 25.053 | 26.622 | 30.529 | 1.018 | 14.682 |
| 9/27/2018 20:30 | 1895400.001 | 26.462 | 16.445 | 59.609 | 32730.045 | 39122.832 | 25.034 | 26.604 | 30.553 | 1.018 | 14.688 |
| 9/27/2018 20:45 | 1896300 | 26.478 | 16.447 | 59.644 | 32722.414 | 39111.668 | 25.026 | 26.596 | 30.56 | 1.018 | 14.679 |
| 9/27/2018 21:00 | 1897200 | 26.476 | 16.447 | 59.64 | 32689.644 | 39072.32 | 24.998 | 26.569 | 30.591 | 1.018 | 14.681 |
| 9/27/2018 21:15 | 1898100 | 26.483 | 16.443 | 59.655 | 32672.262 | 39065.477 | 24.986 | 26.558 | 30.607 | 1.018 | 14.677 |
| 9/27/2018 21:30 | 1899000.001 | 26.488 | 16.434 | 59.688 | 32676.943 | 39068.942 | 24.995 | 26.567 | 30.603 | 1.018 | 14.679 |
| 9/27/2018 21:45 | 1899900 | 26.493 | 16.429 | 59.679 | 32655.264 | 39047.68 | 24.98 | 26.552 | 30.623 | | |

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|-----------------|-------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 9/29/2018 6:15 | 2016900 | 26.506 | 16.439 | 59.708 | 32836.281 | 39255.234 | 25.127 | 26.694 | 30.454 | 1.018 | 14.676 |
| 9/29/2018 6:30 | 2017800 | 26.497 | 16.421 | 59.688 | 32848.484 | 39285.809 | 25.148 | 26.714 | 30.443 | 1.018 | 14.684 |
| 9/29/2018 6:45 | 2018700 | 26.495 | 16.398 | 59.682 | 32825.664 | 39279.465 | 25.142 | 26.71 | 30.464 | 1.018 | 14.683 |
| 9/29/2018 7:00 | 2019600 | 26.49 | 16.399 | 59.671 | 32825.605 | 39278.047 | 25.142 | 26.709 | 30.464 | 1.018 | 14.682 |
| 9/29/2018 7:15 | 2020500 | 26.484 | 16.395 | 59.659 | 32834.324 | 39292.43 | 25.152 | 26.719 | 30.456 | 1.018 | 14.682 |
| 9/29/2018 7:30 | 2021400 | 26.49 | 16.386 | 59.67 | 32827.438 | 39291.828 | 25.151 | 26.718 | 30.462 | 1.018 | 14.684 |
| 9/29/2018 7:45 | 2022300 | 26.49 | 16.378 | 59.671 | 32789.668 | 39254.414 | 25.124 | 26.697 | 30.487 | 1.018 | 14.683 |
| 9/29/2018 8:00 | 2023200 | 26.49 | 16.377 | 59.672 | 32791.23 | 39256.531 | 25.125 | 26.694 | 30.496 | 1.018 | 14.687 |
| 9/29/2018 8:15 | 2024100 | 26.488 | 16.371 | 59.666 | 32788.711 | 39258.789 | 25.127 | 26.696 | 30.498 | 1.018 | 14.687 |
| 9/29/2018 8:30 | 2025000 | 26.483 | 16.37 | 59.655 | 32784.176 | 39254.234 | 25.123 | 26.693 | 30.503 | 1.018 | 14.69 |
| 9/29/2018 8:45 | 2025900 | 26.496 | 16.375 | 59.685 | 32770.23 | 39233.199 | 25.109 | 26.679 | 30.516 | 1.018 | 14.691 |
| 9/29/2018 9:00 | 2026800 | 26.487 | 16.37 | 59.664 | 32759.602 | 39225.434 | 25.103 | 26.673 | 30.525 | 1.018 | 14.695 |
| 9/29/2018 9:15 | 2027700 | 26.494 | 16.367 | 59.68 | 32751.05 | 39218.094 | 25.098 | 26.668 | 30.533 | 1.018 | 14.695 |
| 9/29/2018 9:30 | 2028600 | 26.502 | 16.37 | 59.697 | 32759.822 | 39225.625 | 25.103 | 26.673 | 30.525 | 1.018 | 14.696 |
| 9/29/2018 9:45 | 2029500 | 26.503 | 16.376 | 59.7 | 32744.135 | 39201.648 | 25.086 | 26.657 | 30.54 | 1.018 | 14.697 |
| 9/29/2018 10:00 | 2030400 | 26.516 | 16.359 | 59.731 | 32737.301 | 39207.938 | 25.09 | 26.661 | 30.546 | 1.018 | 14.694 |
| 9/29/2018 10:15 | 2031300 | 26.521 | 16.33 | 59.74 | 32704.189 | 39194.895 | 25.079 | 26.653 | 30.577 | 1.018 | 14.697 |
| 9/29/2018 10:30 | 2032200 | 26.525 | 16.285 | 59.75 | 32655.414 | 39176.82 | 25.064 | 26.64 | 30.623 | 1.018 | 14.702 |
| 9/29/2018 10:45 | 2033100 | 26.525 | 16.22 | 59.75 | 32624.292 | 39168.29 | 25.076 | 26.655 | 30.654 | 1.018 | 14.701 |
| 9/29/2018 11:00 | 2034000 | 26.544 | 16.181 | 59.792 | 32589.072 | 39190.535 | 25.069 | 26.65 | 30.685 | 1.018 | 14.697 |
| 9/29/2018 11:15 | 2034900 | 26.551 | 16.156 | 59.809 | 32571.074 | 39191.426 | 25.068 | 26.65 | 30.702 | 1.018 | 14.699 |
| 9/29/2018 11:30 | 2035800 | 26.556 | 16.143 | 59.819 | 32553.904 | 39182.391 | 25.061 | 26.644 | 30.718 | 1.018 | 14.696 |
| 9/29/2018 11:45 | 2036700 | 26.565 | 16.135 | 59.841 | 32546.582 | 39180.555 | 25.06 | 26.643 | 30.725 | 1.018 | 14.694 |
| 9/29/2018 12:00 | 2037600 | 26.571 | 16.13 | 59.853 | 32539.288 | 39200.711 | 25.074 | 26.656 | 30.713 | 1.018 | 14.696 |
| 9/29/2018 12:15 | 2038500 | 26.578 | 16.126 | 59.874 | 32528.082 | 39214.738 | 25.083 | 26.666 | 30.705 | 1.018 | 14.692 |
| 9/29/2018 12:30 | 2039400.001 | 26.587 | 16.121 | 59.889 | 32517.084 | 39222.875 | 25.089 | 26.672 | 30.702 | 1.018 | 14.691 |
| 9/29/2018 12:45 | 2040300 | 26.584 | 16.118 | 59.883 | 32581.891 | 39238.906 | 25.1 | 26.682 | 30.692 | 1.018 | 14.699 |
| 9/29/2018 13:00 | 2041200 | 26.598 | 16.11 | 59.914 | 32581.854 | 39245.293 | 25.104 | 26.687 | 30.692 | 1.018 | 14.699 |
| 9/29/2018 13:15 | 2042100 | 26.607 | 16.106 | 59.935 | 32623.568 | 39299.91 | 25.143 | 26.724 | 30.653 | 1.018 | 14.687 |
| 9/29/2018 13:30 | 2043000 | 26.604 | 16.101 | 59.927 | 32670.957 | 39361.363 | 25.186 | 26.766 | 30.608 | 1.018 | 14.686 |
| 9/29/2018 13:45 | 2043900 | 26.603 | 16.096 | 59.926 | 32711.219 | 39414.176 | 25.223 | 26.802 | 30.571 | 1.018 | 14.689 |
| 9/29/2018 14:00 | 2044800 | 26.615 | 16.092 | 59.954 | 32751.691 | 39466.852 | 25.26 | 26.837 | 30.533 | 1.018 | 14.686 |
| 9/29/2018 14:15 | 2045700 | 26.607 | 16.088 | 59.935 | 32804.211 | 39533.977 | 25.307 | 26.883 | 30.484 | 1.018 | 14.686 |
| 9/29/2018 14:30 | 2046600 | 26.621 | 16.083 | 59.966 | 32833.781 | 39574.172 | 25.335 | 26.91 | 30.456 | 1.018 | 14.684 |
| 9/29/2018 14:45 | 2047500 | 26.609 | 16.079 | 59.939 | 32857.25 | 39605.668 | 25.358 | 26.932 | 30.435 | 1.018 | 14.686 |
| 9/29/2018 15:00 | 2048400 | 26.614 | 16.078 | 59.95 | 32883.129 | 39637.418 | 25.38 | 26.953 | 30.411 | 1.018 | 14.681 |
| 9/29/2018 15:15 | 2049300 | 26.609 | 16.078 | 59.94 | 32915.429 | 39677.029 | 25.408 | 26.98 | 30.381 | 1.018 | 14.687 |
| 9/29/2018 15:30 | 2050200 | 26.609 | 16.08 | 59.939 | 32925.25 | 39686.512 | 25.415 | 26.987 | 30.372 | 1.018 | 14.682 |
| 9/29/2018 15:45 | 2051100 | 26.605 | 16.088 | 59.929 | 32925.027 | 39679.336 | 25.41 | 26.982 | 30.372 | 1.018 | 14.68 |
| 9/29/2018 16:00 | 2052000 | 26.595 | 16.108 | 59.908 | 32969.508 | 39714.395 | 25.436 | 27.006 | 30.331 | 1.018 | 14.684 |
| 9/29/2018 16:15 | 2052900 | 26.596 | 16.159 | 59.911 | 32997.082 | 39701.145 | 25.429 | 26.997 | 30.306 | 1.018 | 14.676 |
| 9/29/2018 16:30 | 2053800.001 | 26.588 | 16.283 | 59.892 | 33100.547 | 39712.289 | 25.443 | 27.004 | 30.211 | 1.018 | 14.679 |
| 9/29/2018 16:45 | 2054700 | 26.573 | 16.381 | 59.859 | 33236.34 | 39786.289 | 25.501 | 27.055 | 30.088 | 1.018 | 14.686 |
| 9/29/2018 17:00 | 2055600 | 26.572 | 16.442 | 59.857 | 33215.463 | 39795.429 | 25.506 | 27.062 | 30.106 | 1.018 | 14.677 |
| 9/29/2018 17:15 | 2056500 | 26.567 | 16.396 | 59.844 | 33208.469 | 39793.73 | 25.504 | 27.06 | 30.113 | 1.018 | 14.688 |
| 9/29/2018 17:30 | 2057400 | 26.564 | 16.327 | 59.838 | 33190.848 | 39780.688 | 25.494 | 27.051 | 30.129 | 1.018 | 14.675 |
| 9/29/2018 17:45 | 2058300 | 26.569 | 16.323 | 59.85 | 33160.5 | 39748.313 | 25.471 | 27.029 | 30.156 | 1.018 | 14.668 |
| 9/29/2018 18:00 | 2059200 | 26.553 | 16.326 | 59.814 | 33126.902 | 39704.598 | 25.44 | 26.999 | 30.187 | 1.018 | 14.671 |
| 9/29/2018 18:15 | 2060100 | 26.546 | 16.327 | 59.796 | 33103.813 | 39676.301 | 25.42 | 26.98 | 30.208 | 1.018 | 14.671 |
| 9/29/2018 18:30 | 2061000 | 26.535 | 16.333 | 59.774 | 33075.289 | 39636.613 | 25.392 | 26.953 | 30.234 | 1.018 | 14.673 |
| 9/29/2018 18:45 | 2061900 | 26.525 | 16.343 | 59.751 | 33048.813 | 39596.773 | 25.364 | 26.926 | 30.257 | 1.018 | 14.675 |
| 9/29/2018 19:00 | 2062800 | 26.514 | 16.347 | 59.725 | 32981.969 | 39512.629 | 25.305 | 26.869 | 30.32 | 1.018 | 14.68 |
| 9/29/2018 19:15 | 2063700 | 26.518 | 16.353 | 59.734 | 32973.805 | 39496.898 | 25.294 | 26.858 | 30.327 | 1.018 | 14.671 |
| 9/29/2018 19:30 | 2064600 | 26.504 | 16.353 | 59.702 | 32946.309 | 39464.195 | 25.271 | 26.836 | 30.352 | 1.018 | 14.677 |
| 9/29/2018 19:45 | 2065500 | 26.503 | 16.362 | 59.7 | 32887.402 | 39385.18 | 25.216 | 26.782 | 30.407 | 1.018 | 14.674 |
| 9/29/2018 20:00 | 2066400 | 26.495 | 16.363 | 59.684 | 32862.809 | 39355.008 | 25.194 | 26.761 | 30.43 | 1.018 | 14.679 |
| 9/29/2018 20:15 | 2067300 | 26.492 | 16.368 | 59.675 | 32848.902 | 39333.707 | 25.179 | 26.747 | 30.442 | 1.018 | 14.681 |
| 9/29/2018 20:30 | 2068200 | 26.489 | 16.364 | 59.668 | 32804.379 | 39284.492 | 25.144 | 26.713 | 30.484 | 1.018 | 14.683 |
| 9/29/2018 20:45 | 2069100 | 26.491 | 16.386 | 59.674 | 32785.555 | 39241.773 | 25.115 | 26.684 | 30.501 | 1.018 | 14.68 |
| 9/29/2018 21:00 | 2070000.001 | 26.478 | 16.4 | 59.644 | 32786.477 | 39230.844 | 25.108 | 26.677 | 30.5 | 1.018 | 14.684 |
| 9/29/2018 21:15 | 2070900 | 26.478 | 16.402 | 59.643 | 32795.984 | 39239.625 | 25.115 | 26.683 | 30.492 | 1.018 | 14.685 |
| 9/29/2018 21:30 | 2071800 | 26.482 | 16.407 | 59.652 | 32781.907 | 39214.141 | 25.083 | 26.652 | 30.524 | 1.018 | 14.682 |
| 9/29/2018 21:45 | 2072700 | 26.482 | 16.408 | 59.653 | 32737.984 | 39165.125 | 25.062 | 26.632 | 30.546 | 1.018 | 14.685 |
| 9/29/2018 22:00 | 2073600 | 26.476 | 16.408 | 59.641 | 32719.324 | 39143.031 | 25.046 | 26.617 | 30.563 | 1.018 | 14.686 |
| 9/29/2018 22:15 | 2074500.001 | 26.481 | 16.408 | 59.652 | 32700.729 | 39120.934 | 25.031 | 26.602 | 30.58 | 1.018 | 14.685 |
| 9/29/2018 22:30 | 2075400 | 26.482 | 16.413 | 59.653 | 32693.369 | 39107.746 | 25.022 | 26.593 | 30.587 | 1.018 | 14.685 |
| 9/29/2018 22:45 | 2076300 | 26.48 | 16.412 | 59.65 | 32677.805 | 39089.516 | 25.009 | 26.581 | 30.602 | 1.018 | 14.687 |
| 9/29/2018 23:00 | 2077200 | 26.486 | 16.413 | 59.665 | 32665.408 | 39071.633 | 25.006 | 26.569 | 30.613 | 1.018 | 14.685 |
| 9/29/2018 23:15 | 2078100 | 26.496 | 16.41 | 59.684 | 32658.527 | 39068.492 | 24.994 | 26.567 | 30.62 | 1.018 | 14.684 |
| 9/29/2018 23:30 | 2079000 | 26.488 | 16.417 | 59.668 | 32646.523 | 39048.027 | 24.98 | 26.553 | 30.631 | 1.018 | 14.691 |
| 9/29/2018 23:45 | 2079900 | 26.494 | 16.415 | 59.68 | 32639.857 | 39041.23 | 24.975 | 26.548 | 30.637 | 1.018 | 14.689 |
| 9/30/2018 0:00 | 2080800 | 26.493 | 16.415 | 59.678 | 32642.934 | 39043.133 | 24.975 | 26.549 | 30.635 | 1.018 | 14.695 |
| 9/30/2018 0:15 | 2081700 | 26.497 | 16.392 | 59.687 | 32623.652 | 39031.133 | 24.975 | 26.549 | 30.633 | 1.018 | 14.694 |
| 9/30/2018 0:30 | 2082600 | 26.504 | 16.379 | 59.709 | 32605.414 | 39022.666 | 24.967 | 26.547 | 30.617 | 1.018 | 14.699 |
| 9/30/2018 0:45 | 2083500 | 26.507 | 16.367 | 59.71 | 32593.883 | 39029.664 | 24.964 | 26.54 | 30.681 | 1.018 | 14.692 |
| 9/30/2018 1:00 | 2084400 | 26.516 | 16.342 | 59.73 | 32571.016 | 39024.781 | 24.96 | 26.537 | 30.702 | 1.018 | 14.692 |
| 9/30/2018 1:15 | 2085300 | 26.512 | 16.319 | 59.722 | 32557.533 | 39028.926 | 24.961 | 26.54 | 30.715 | 1.018 | 14.7 |
| 9/30/2018 1:30 | 2086200 | 26.512 | 16.284 | 59.72 | 32540.916 | 39039.934 | 24.968 | 26.547 | 30.731 | 1.018 | 14.697 |
| 9/30/2018 1:45 | 2087100 | 26.525 | 16.239 | 59.75 | 32502.939 | 39034.742 | 24.962 | 26.544 | 30.766 | 1.018 | 14.691 |
| 9/30/2018 2:00 | 2088000 | 26.531 | 16.199 | 59.764 | 32472.995 | 39033.822 | 24.959 | 26.543 | 30.795 | 1.018 | 14.686 |
| 9/30/2018 2:15 | 2088900 | 26.531 | 16.186 | 59.764 | 32453.879 | 39023.785 | 24.951 | 26.536 | 30.811 | 1.018 | 14.685 |
| 9/30/2018 2:30 | 2089800 | 26.538 | 16.175 | 59.78 | 32456.326 | 39035.781 | 24.959 | 26.544 | 30.811 | | |

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|-----------------|-------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 10/1/2018 11:00 | 220680 | 26.561 | 16.187 | 59.832 | 32614.854 | 39215.996 | 25.087 | 26.667 | 30.661 | 1.018 | 14.675 |
| 10/1/2018 11:15 | 220700 | 26.562 | 16.175 | 59.834 | 32612.414 | 39223.742 | 25.092 | 26.672 | 30.663 | 1.018 | 14.678 |
| 10/1/2018 11:30 | 220860 | 26.57 | 16.162 | 59.852 | 32611.441 | 39234.77 | 25.099 | 26.68 | 30.664 | 1.018 | 14.671 |
| 10/1/2018 11:45 | 220950 | 26.574 | 16.153 | 59.86 | 32613.832 | 39245.805 | 25.107 | 26.687 | 30.662 | 1.018 | 14.672 |
| 10/1/2018 12:00 | 221040 | 26.583 | 16.14 | 59.882 | 32610.523 | 39252.922 | 25.111 | 26.692 | 30.665 | 1.018 | 14.667 |
| 10/1/2018 12:15 | 221130 | 26.583 | 16.132 | 59.88 | 32606.25 | 39255.469 | 25.112 | 26.694 | 30.669 | 1.018 | 14.665 |
| 10/1/2018 12:30 | 221220 | 26.589 | 16.125 | 59.893 | 32613.999 | 39263.996 | 25.117 | 26.7 | 30.669 | 1.018 | 14.664 |
| 10/1/2018 12:45 | 221310 | 26.591 | 16.121 | 59.899 | 32606.113 | 39264.656 | 25.118 | 26.7 | 30.669 | 1.018 | 14.658 |
| 10/1/2018 13:00 | 221400 | 26.604 | 16.116 | 59.928 | 32645.32 | 39316.637 | 25.155 | 26.735 | 30.632 | 1.018 | 14.657 |
| 10/1/2018 13:15 | 221490 | 26.602 | 16.111 | 59.923 | 32628.584 | 39300.855 | 25.144 | 26.725 | 30.648 | 1.018 | 14.655 |
| 10/1/2018 13:30 | 221580 | 26.604 | 16.106 | 59.929 | 32653.004 | 39335.281 | 25.168 | 26.748 | 30.625 | 1.018 | 14.655 |
| 10/1/2018 13:45 | 221670 | 26.612 | 16.101 | 59.947 | 32684.176 | 39377.215 | 25.197 | 26.777 | 30.596 | 1.018 | 14.652 |
| 10/1/2018 14:00 | 221760 | 26.619 | 16.095 | 59.962 | 32711.529 | 39414.988 | 25.223 | 26.802 | 30.57 | 1.018 | 14.649 |
| 10/1/2018 14:15 | 221850 | 26.621 | 16.092 | 59.967 | 32746.828 | 39461.074 | 25.256 | 26.834 | 30.537 | 1.018 | 14.646 |
| 10/1/2018 14:30 | 221940 | 26.631 | 16.088 | 59.99 | 32788.484 | 39514.621 | 25.294 | 26.87 | 30.499 | 1.018 | 14.644 |
| 10/1/2018 14:45 | 222030 | 26.637 | 16.079 | 60.003 | 32812.105 | 39550.93 | 25.319 | 26.895 | 30.477 | 1.018 | 14.643 |
| 10/1/2018 15:00 | 2221200.001 | 26.635 | 16.075 | 59.999 | 32848.586 | 39598.992 | 25.353 | 26.927 | 30.443 | 1.018 | 14.644 |
| 10/1/2018 15:15 | 222210 | 26.643 | 16.07 | 60.015 | 32889.445 | 39652.578 | 25.39 | 26.964 | 30.405 | 1.018 | 14.644 |
| 10/1/2018 15:30 | 222300 | 26.642 | 16.064 | 60.026 | 32924.531 | 39700.902 | 25.424 | 26.997 | 30.375 | 1.018 | 14.642 |
| 10/1/2018 15:45 | 222390 | 26.647 | 16.06 | 60.025 | 32947.758 | 39712.289 | 25.446 | 27.018 | 30.351 | 1.018 | 14.638 |
| 10/1/2018 16:00 | 222480 | 26.646 | 16.056 | 60.023 | 32986.188 | 39781.777 | 25.481 | 27.052 | 30.316 | 1.018 | 14.639 |
| 10/1/2018 16:15 | 222570 | 26.649 | 16.052 | 60.03 | 33010.656 | 39815.148 | 25.504 | 27.074 | 30.293 | 1.018 | 14.64 |
| 10/1/2018 16:30 | 2226600.001 | 26.647 | 16.049 | 60.026 | 33055.734 | 39872.266 | 25.545 | 27.113 | 30.252 | 1.018 | 14.637 |
| 10/1/2018 16:45 | 222750 | 26.647 | 16.048 | 60.025 | 33075.934 | 39897.852 | 25.563 | 27.131 | 30.233 | 1.018 | 14.638 |
| 10/1/2018 17:00 | 222840 | 26.635 | 16.051 | 59.977 | 33101.168 | 39925.133 | 25.582 | 27.149 | 30.21 | 1.019 | 14.64 |
| 10/1/2018 17:15 | 222930 | 26.652 | 16.057 | 60.036 | 33150.367 | 39979.051 | 25.621 | 27.186 | 30.166 | 1.018 | 14.632 |
| 10/1/2018 17:30 | 223020 | 26.638 | 16.068 | 60.006 | 33152.035 | 39970.945 | 25.616 | 27.18 | 30.164 | 1.019 | 14.635 |
| 10/1/2018 17:45 | 223110 | 26.627 | 16.097 | 59.979 | 33176.523 | 39973.613 | 25.619 | 27.182 | 30.142 | 1.019 | 14.641 |
| 10/1/2018 18:00 | 223200 | 26.631 | 16.129 | 59.988 | 33288.617 | 40079.418 | 25.696 | 27.254 | 30.05 | 1.019 | 14.631 |
| 10/1/2018 18:15 | 223290 | 26.624 | 16.16 | 59.973 | 33313.73 | 40080.738 | 25.698 | 27.255 | 30.018 | 1.019 | 14.639 |
| 10/1/2018 18:30 | 223380 | 26.619 | 16.175 | 59.961 | 33277.992 | 40024.899 | 25.659 | 27.217 | 30.05 | 1.019 | 14.636 |
| 10/1/2018 18:45 | 223470 | 26.617 | 16.202 | 59.957 | 33246.934 | 39962.625 | 25.617 | 27.175 | 30.078 | 1.019 | 14.63 |
| 10/1/2018 19:00 | 223560 | 26.603 | 16.222 | 59.925 | 33216.563 | 39907.531 | 25.579 | 27.137 | 30.105 | 1.018 | 14.634 |
| 10/1/2018 19:15 | 223650 | 26.598 | 16.247 | 59.915 | 33198.102 | 39862.305 | 25.548 | 27.106 | 30.122 | 1.018 | 14.632 |
| 10/1/2018 19:30 | 223740 | 26.585 | 16.269 | 59.885 | 33145.168 | 39778.953 | 25.49 | 27.05 | 30.17 | 1.018 | 14.632 |
| 10/1/2018 19:45 | 2238300.001 | 26.583 | 16.276 | 59.881 | 33102.43 | 39720.855 | 25.449 | 27.01 | 30.209 | 1.018 | 14.624 |
| 10/1/2018 20:00 | 223920 | 26.583 | 16.283 | 59.884 | 33080.001 | 39700.566 | 25.435 | 26.996 | 30.22 | 1.018 | 14.623 |
| 10/1/2018 20:15 | 2240100.001 | 26.571 | 16.294 | 59.852 | 33051.355 | 39643.543 | 25.395 | 26.958 | 30.256 | 1.018 | 14.628 |
| 10/1/2018 20:30 | 224100 | 26.566 | 16.298 | 59.843 | 32994.383 | 39571.699 | 25.344 | 26.909 | 30.308 | 1.018 | 14.626 |
| 10/1/2018 20:45 | 224190 | 26.558 | 16.303 | 59.824 | 32973.047 | 39540.949 | 25.323 | 26.888 | 30.328 | 1.018 | 14.632 |
| 10/1/2018 21:00 | 224280 | 26.547 | 16.308 | 59.801 | 32927.688 | 39482.102 | 25.282 | 26.848 | 30.37 | 1.018 | 14.631 |
| 10/1/2018 21:15 | 224370 | 26.529 | 16.312 | 59.759 | 32872.832 | 39412.844 | 25.233 | 26.801 | 30.42 | 1.018 | 14.641 |
| 10/1/2018 21:30 | 224460 | 26.534 | 16.316 | 59.771 | 32871.555 | 39407.504 | 25.229 | 26.797 | 30.421 | 1.018 | 14.629 |
| 10/1/2018 21:45 | 224550 | 26.534 | 16.314 | 59.761 | 32871.57 | 39417.969 | 25.227 | 26.787 | 30.422 | 1.018 | 14.63 |
| 10/1/2018 22:00 | 224640 | 26.516 | 16.395 | 59.73 | 32882.551 | 39350.379 | 25.193 | 26.758 | 30.411 | 1.018 | 14.639 |
| 10/1/2018 22:15 | 224730 | 26.512 | 16.438 | 59.721 | 32946.43 | 39387.313 | 25.221 | 26.783 | 30.352 | 1.018 | 14.641 |
| 10/1/2018 22:30 | 224820 | 26.506 | 16.441 | 59.707 | 32930 | 39365.07 | 25.205 | 26.768 | 30.367 | 1.018 | 14.642 |
| 10/1/2018 22:45 | 224910 | 26.506 | 16.44 | 59.708 | 32919.078 | 39353.586 | 25.197 | 26.76 | 30.378 | 1.018 | 14.635 |
| 10/1/2018 23:00 | 225000 | 26.499 | 16.442 | 59.692 | 32883.898 | 39309.723 | 25.166 | 26.731 | 30.41 | 1.018 | 14.633 |
| 10/1/2018 23:15 | 225090 | 26.497 | 16.44 | 59.688 | 32875.047 | 39300.797 | 25.16 | 26.725 | 30.418 | 1.018 | 14.635 |
| 10/1/2018 23:30 | 225180 | 26.485 | 16.452 | 59.66 | 32848.938 | 39258.34 | 25.13 | 26.696 | 30.442 | 1.018 | 14.64 |
| 10/1/2018 23:45 | 225270 | 26.493 | 16.438 | 59.677 | 32805.457 | 39219.012 | 25.102 | 26.669 | 30.483 | 1.018 | 14.635 |
| 10/2/2018 0:00 | 225360 | 26.485 | 16.458 | 59.661 | 32803.391 | 39198.879 | 25.088 | 26.655 | 30.485 | 1.018 | 14.641 |
| 10/2/2018 0:15 | 225450 | 26.488 | 16.46 | 59.666 | 32798.344 | 39191.273 | 25.083 | 26.65 | 30.489 | 1.018 | 14.639 |
| 10/2/2018 0:30 | 225540 | 26.484 | 16.451 | 59.668 | 32773.656 | 39169.066 | 25.067 | 26.635 | 30.512 | 1.018 | 14.64 |
| 10/2/2018 0:45 | 225630 | 26.493 | 16.444 | 59.678 | 32751.078 | 39148.742 | 25.052 | 26.621 | 30.533 | 1.018 | 14.636 |
| 10/2/2018 1:00 | 225720 | 26.491 | 16.438 | 59.672 | 32725.518 | 39123.922 | 25.034 | 26.604 | 30.557 | 1.018 | 14.638 |
| 10/2/2018 1:15 | 225810 | 26.488 | 16.433 | 59.668 | 32696.586 | 39093.258 | 25.012 | 26.583 | 30.584 | 1.018 | 14.639 |
| 10/2/2018 1:30 | 225900 | 26.501 | 16.425 | 59.696 | 32705.021 | 39111.016 | 25.025 | 26.595 | 30.576 | 1.018 | 14.632 |
| 10/2/2018 1:45 | 225990 | 26.504 | 16.41 | 59.702 | 32696.887 | 39113.984 | 25.026 | 26.598 | 30.584 | 1.018 | 14.629 |
| 10/2/2018 2:00 | 226080 | 26.507 | 16.397 | 59.71 | 32646.58 | 39066.113 | 24.992 | 26.565 | 30.631 | 1.018 | 14.635 |
| 10/2/2018 2:15 | 226170 | 26.508 | 16.381 | 59.712 | 32633.891 | 39054.553 | 24.99 | 26.564 | 30.643 | 1.018 | 14.632 |
| 10/2/2018 2:30 | 226260 | 26.512 | 16.37 | 59.72 | 32602.191 | 39036.953 | 24.97 | 26.545 | 30.673 | 1.018 | 14.633 |
| 10/2/2018 2:45 | 226350 | 26.522 | 16.351 | 59.743 | 32627.76 | 39083.891 | 25.002 | 26.577 | 30.649 | 1.018 | 14.63 |
| 10/2/2018 3:00 | 226440 | 26.519 | 16.33 | 59.737 | 32608.842 | 39080.535 | 24.999 | 26.575 | 30.667 | 1.018 | 14.632 |
| 10/2/2018 3:15 | 226530 | 26.517 | 16.304 | 59.732 | 32562.287 | 39048.203 | 24.974 | 26.553 | 30.71 | 1.018 | 14.633 |
| 10/2/2018 3:30 | 226620 | 26.532 | 16.276 | 59.766 | 32548.424 | 39056.715 | 24.979 | 26.559 | 30.723 | 1.018 | 14.633 |
| 10/2/2018 3:45 | 226710 | 26.544 | 16.244 | 59.785 | 32525.978 | 39059.004 | 24.979 | 26.56 | 30.746 | 1.018 | 14.634 |
| 10/2/2018 4:00 | 226800 | 26.537 | 16.216 | 59.777 | 32480.828 | 39028.863 | 24.956 | 26.54 | 30.787 | 1.018 | 14.628 |
| 10/2/2018 4:15 | 226890 | 26.549 | 16.196 | 59.804 | 32465.701 | 39028.469 | 24.955 | 26.539 | 30.802 | 1.018 | 14.616 |
| 10/2/2018 4:30 | 226980 | 26.558 | 16.173 | 59.824 | 32450.158 | 39030.492 | 24.955 | 26.541 | 30.816 | 1.018 | 14.616 |
| 10/2/2018 4:45 | 227070 | 26.551 | 16.165 | 59.808 | 32440.654 | 39026.699 | 24.952 | 26.538 | 30.826 | 1.018 | 14.623 |
| 10/2/2018 5:00 | 227160 | 26.56 | 16.16 | 59.829 | 32449.381 | 39041.363 | 24.962 | 26.548 | 30.817 | 1.018 | 14.623 |
| 10/2/2018 5:15 | 227250 | 26.559 | 16.153 | 59.851 | 32437.902 | 39033.621 | 24.957 | 26.543 | 30.829 | 1.018 | 14.629 |
| 10/2/2018 5:30 | 227340 | 26.566 | 16.152 | 59.843 | 32452.625 | 39052.051 | 24.97 | 26.555 | 30.814 | 1.018 | 14.627 |
| 10/2/2018 5:45 | 227430 | 26.563 | 16.148 | 59.836 | 32446.654 | 39048.414 | 24.967 | 26.553 | 30.82 | 1.018 | 14.629 |
| 10/2/2018 6:00 | 227520 | 26.564 | 16.141 | 59.838 | 32456.428 | 39060.574 | 24.975 | 26.561 | 30.811 | 1.018 | 14.637 |
| 10/2/2018 6:15 | 227610 | 26.565 | 16.148 | 59.839 | 32475.953 | 39090.461 | 24.996 | 26.582 | 30.792 | 1.018 | 14.637 |
| 10/2/2018 6:30 | 227700 | 26.565 | 16.138 | 59.841 | 32500.125 | 39122.012 | 25.018 | 26.603 | 30.769 | 1.018 | 14.637 |
| 10/2/2018 6:45 | 227790 | 26.573 | 16.14 | 59.858 | 32502.764 | 39123.453 | 25.02 | 26.604 | 30.767 | 1.018 | 14.633 |
| 10/2/2018 7:00 | 227880 | 26.56 | 16.139 | 59.829 | 32516.332 | 39154.566 | 25.049 | 26.632 | 30.735 | 1.018 | 14.636 |
| 10/2/2018 7:15 | 227970 | 26.567 | 16.137 | 59.844 | 32529.219 | 39157.75 | 25.044 | 26.627 | 30.742 | 1.018 | 14.634 |
| 10/2/2018 7:30 | 228060 | 26.579 | 16.138 | | | | | | | | |

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|-----------------|-------------|--------|--------|--------|-----------|-----------|--------|--------|--------|-------|--------|
| 10/3/2018 15:45 | 2396700 | 26.627 | 16.127 | 59.98 | 32695.764 | 39367.531 | 25.191 | 26.77 | 30.585 | 1.018 | 14.661 |
| 10/3/2018 16:00 | 2397600 | 26.641 | 16.118 | 60.011 | 32707.193 | 39389.254 | 25.206 | 26.785 | 30.574 | 1.018 | 14.663 |
| 10/3/2018 16:15 | 2398500 | 26.642 | 16.113 | 60.013 | 32697.479 | 39382.492 | 25.201 | 26.78 | 30.583 | 1.018 | 14.658 |
| 10/3/2018 16:30 | 2399400 | 26.645 | 16.107 | 60.021 | 32710.895 | 39403.828 | 25.216 | 26.795 | 30.571 | 1.018 | 14.657 |
| 10/3/2018 16:45 | 2400300 | 26.654 | 16.102 | 60.042 | 32725.383 | 39426.309 | 25.232 | 26.81 | 30.557 | 1.018 | 14.658 |
| 10/3/2018 17:00 | 2401200 | 26.654 | 16.096 | 60.041 | 32762.26 | 39475.355 | 25.266 | 26.843 | 30.523 | 1.018 | 14.663 |
| 10/3/2018 17:15 | 2402100 | 26.663 | 16.092 | 60.061 | 32797.602 | 39522.176 | 25.299 | 26.875 | 30.49 | 1.018 | 14.661 |
| 10/3/2018 17:30 | 2403000 | 26.667 | 16.087 | 60.07 | 32825.375 | 39560.207 | 25.326 | 26.901 | 30.464 | 1.018 | 14.663 |
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| 10/3/2018 19:30 | 2410200 | 26.674 | 16.045 | 60.086 | 33145.258 | 39983.734 | 25.624 | 27.189 | 30.17 | 1.019 | 14.679 |
| 10/3/2018 19:45 | 2411100 | 26.669 | 16.046 | 60.074 | 33188.637 | 40035.586 | 25.66 | 27.224 | 30.131 | 1.019 | 14.677 |
| 10/3/2018 20:00 | 2412000 | 26.675 | 16.052 | 60.087 | 33215.887 | 40063.332 | 25.68 | 27.243 | 30.106 | 1.019 | 14.678 |
| 10/3/2018 20:15 | 2412900 | 26.652 | 16.069 | 60.037 | 33246.676 | 40084.32 | 25.696 | 27.257 | 30.078 | 1.019 | 14.686 |
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| 10/3/2018 22:00 | 2419200 | 26.608 | 16.255 | 59.936 | 33228.086 | 39891.219 | 25.569 | 27.126 | 30.095 | 1.018 | 14.69 |
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Serial_number:

2003874

Project ID:

MPWSP Monitoring Wells Barologge

Location:

MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

| Date | Time | ms | LEVEL | TEMPERATURE | |
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| 9/30/2018 | 22:30:00 | 0 | 14.6229 | 15.467 |
| 9/30/2018 | 22:45:00 | 0 | 14.6246 | 15.351 |
| 9/30/2018 | 23:00:00 | 0 | 14.6235 | 15.062 |
| 9/30/2018 | 23:15:00 | 0 | 14.6229 | 14.68 |
| 9/30/2018 | 23:30:00 | 0 | 14.6256 | 14.304 |
| 9/30/2018 | 23:45:00 | 0 | 14.626 | 14.024 |
| 10/1/2018 | 0:00:00 | 0 | 14.6261 | 13.849 |
| 10/1/2018 | 0:15:00 | 0 | 14.6264 | 13.648 |
| 10/1/2018 | 0:30:00 | 0 | 14.6273 | 13.48 |
| 10/1/2018 | 0:45:00 | 0 | 14.6273 | 13.384 |
| 10/1/2018 | 1:00:00 | 0 | 14.6277 | 13.413 |
| 10/1/2018 | 1:15:00 | 0 | 14.6294 | 13.637 |
| 10/1/2018 | 1:30:00 | 0 | 14.6288 | 13.824 |
| 10/1/2018 | 1:45:00 | 0 | 14.6295 | 14.039 |
| 10/1/2018 | 2:00:00 | 0 | 14.6301 | 14.232 |
| 10/1/2018 | 2:15:00 | 0 | 14.6329 | 14.37 |
| 10/1/2018 | 2:30:00 | 0 | 14.631 | 14.54 |
| 10/1/2018 | 2:45:00 | 0 | 14.6289 | 14.631 |
| 10/1/2018 | 3:00:00 | 0 | 14.6261 | 14.724 |
| 10/1/2018 | 3:15:00 | 0 | 14.627 | 14.752 |
| 10/1/2018 | 3:30:00 | 0 | 14.6261 | 14.785 |
| 10/1/2018 | 3:45:00 | 0 | 14.626 | 14.82 |
| 10/1/2018 | 4:00:00 | 0 | 14.6255 | 14.83 |
| 10/1/2018 | 4:15:00 | 0 | 14.6237 | 14.848 |
| 10/1/2018 | 4:30:00 | 0 | 14.6231 | 14.769 |
| 10/1/2018 | 4:45:00 | 0 | 14.6224 | 14.761 |
| 10/1/2018 | 5:00:00 | 0 | 14.6246 | 14.708 |
| 10/1/2018 | 5:15:00 | 0 | 14.6255 | 14.57 |
| 10/1/2018 | 5:30:00 | 0 | 14.6284 | 14.49 |
| 10/1/2018 | 5:45:00 | 0 | 14.6242 | 14.36 |
| 10/1/2018 | 6:00:00 | 0 | 14.6257 | 14.234 |
| 10/1/2018 | 6:15:00 | 0 | 14.6239 | 14.159 |
| 10/1/2018 | 6:30:00 | 0 | 14.6257 | 14.096 |
| 10/1/2018 | 6:45:00 | 0 | 14.6296 | 13.988 |
| 10/1/2018 | 7:00:00 | 0 | 14.6334 | 13.795 |
| 10/1/2018 | 7:15:00 | 0 | 14.6349 | 13.562 |
| 10/1/2018 | 7:30:00 | 0 | 14.6394 | 13.431 |
| 10/1/2018 | 7:45:00 | 0 | 14.6403 | 13.337 |
| 10/1/2018 | 8:00:00 | 0 | 14.6401 | 13.41 |
| 10/1/2018 | 8:15:00 | 0 | 14.6405 | 14.218 |
| 10/1/2018 | 8:30:00 | 0 | 14.6412 | 15.774 |
| 10/1/2018 | 8:45:00 | 0 | 14.6412 | 17.315 |
| 10/1/2018 | 9:00:00 | 0 | 14.6389 | 18.75 |
| 10/1/2018 | 9:15:00 | 0 | 14.6389 | 20.061 |

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| 10/1/2018 | 9:30:00 | 0 | 14.6368 | 21.33 |
| 10/1/2018 | 9:45:00 | 0 | 14.6344 | 22.606 |
| 10/1/2018 | 10:00:00 | 0 | 14.6305 | 23.829 |
| 10/1/2018 | 10:15:00 | 0 | 14.6315 | 25.033 |
| 10/1/2018 | 10:30:00 | 0 | 14.6296 | 26.184 |
| 10/1/2018 | 10:45:00 | 0 | 14.628 | 27.247 |
| 10/1/2018 | 11:00:00 | 0 | 14.623 | 28.344 |
| 10/1/2018 | 11:15:00 | 0 | 14.6211 | 29.319 |
| 10/1/2018 | 11:30:00 | 0 | 14.6172 | 30.105 |
| 10/1/2018 | 11:45:00 | 0 | 14.6157 | 29.602 |
| 10/1/2018 | 12:00:00 | 0 | 14.6126 | 28.934 |
| 10/1/2018 | 12:15:00 | 0 | 14.612 | 27.735 |
| 10/1/2018 | 12:30:00 | 0 | 14.6096 | 26.74 |
| 10/1/2018 | 12:45:00 | 0 | 14.6073 | 26.549 |
| 10/1/2018 | 13:00:00 | 0 | 14.6076 | 25.963 |
| 10/1/2018 | 13:15:00 | 0 | 14.6038 | 25.13 |
| 10/1/2018 | 13:30:00 | 0 | 14.6027 | 24.485 |
| 10/1/2018 | 13:45:00 | 0 | 14.6012 | 23.804 |
| 10/1/2018 | 14:00:00 | 0 | 14.5987 | 23.294 |
| 10/1/2018 | 14:15:00 | 0 | 14.5963 | 23.003 |
| 10/1/2018 | 14:30:00 | 0 | 14.5956 | 22.914 |
| 10/1/2018 | 14:45:00 | 0 | 14.594 | 22.866 |
| 10/1/2018 | 15:00:00 | 0 | 14.5938 | 23.044 |
| 10/1/2018 | 15:15:00 | 0 | 14.5917 | 23.062 |
| 10/1/2018 | 15:30:00 | 0 | 14.5927 | 22.467 |
| 10/1/2018 | 15:45:00 | 0 | 14.59 | 21.562 |
| 10/1/2018 | 16:00:00 | 0 | 14.5894 | 20.863 |
| 10/1/2018 | 16:15:00 | 0 | 14.5901 | 20.351 |
| 10/1/2018 | 16:30:00 | 0 | 14.5894 | 19.969 |
| 10/1/2018 | 16:45:00 | 0 | 14.5918 | 19.656 |
| 10/1/2018 | 17:00:00 | 0 | 14.5922 | 19.413 |
| 10/1/2018 | 17:15:00 | 0 | 14.591 | 19.127 |
| 10/1/2018 | 17:30:00 | 0 | 14.5923 | 18.836 |
| 10/1/2018 | 17:45:00 | 0 | 14.5907 | 18.508 |
| 10/1/2018 | 18:00:00 | 0 | 14.5907 | 18.021 |
| 10/1/2018 | 18:15:00 | 0 | 14.5927 | 17.554 |
| 10/1/2018 | 18:30:00 | 0 | 14.5891 | 17.248 |
| 10/1/2018 | 18:45:00 | 0 | 14.5879 | 16.952 |
| 10/1/2018 | 19:00:00 | 0 | 14.5852 | 16.543 |
| 10/1/2018 | 19:15:00 | 0 | 14.5856 | 16.212 |
| 10/1/2018 | 19:30:00 | 0 | 14.584 | 15.987 |
| 10/1/2018 | 19:45:00 | 0 | 14.5843 | 15.74 |
| 10/1/2018 | 20:00:00 | 0 | 14.5846 | 15.422 |
| 10/1/2018 | 20:15:00 | 0 | 14.5859 | 15.253 |
| 10/1/2018 | 20:30:00 | 0 | 14.5864 | 15.121 |
| 10/1/2018 | 20:45:00 | 0 | 14.5862 | 14.983 |
| 10/1/2018 | 21:00:00 | 0 | 14.5869 | 14.842 |
| 10/1/2018 | 21:15:00 | 0 | 14.5875 | 14.753 |
| 10/1/2018 | 21:30:00 | 0 | 14.5866 | 14.655 |
| 10/1/2018 | 21:45:00 | 0 | 14.5904 | 14.586 |
| 10/1/2018 | 22:00:00 | 0 | 14.5926 | 14.509 |
| 10/1/2018 | 22:15:00 | 0 | 14.5913 | 14.409 |
| 10/1/2018 | 22:30:00 | 0 | 14.5906 | 14.437 |
| 10/1/2018 | 22:45:00 | 0 | 14.5913 | 14.472 |
| 10/1/2018 | 23:00:00 | 0 | 14.5909 | 14.495 |
| 10/1/2018 | 23:15:00 | 0 | 14.5868 | 14.488 |
| 10/1/2018 | 23:30:00 | 0 | 14.5883 | 14.528 |
| 10/1/2018 | 23:45:00 | 0 | 14.589 | 14.47 |
| 10/2/2018 | 0:00:00 | 0 | 14.5903 | 14.48 |
| 10/2/2018 | 0:15:00 | 0 | 14.5927 | 14.4 |
| 10/2/2018 | 0:30:00 | 0 | 14.5917 | 14.353 |
| 10/2/2018 | 0:45:00 | 0 | 14.5916 | 14.375 |
| 10/2/2018 | 1:00:00 | 0 | 14.5912 | 14.421 |
| 10/2/2018 | 1:15:00 | 0 | 14.5887 | 14.42 |
| 10/2/2018 | 1:30:00 | 0 | 14.5888 | 14.467 |
| 10/2/2018 | 1:45:00 | 0 | 14.5895 | 14.454 |
| 10/2/2018 | 2:00:00 | 0 | 14.5889 | 14.508 |
| 10/2/2018 | 2:15:00 | 0 | 14.5882 | 14.458 |
| 10/2/2018 | 2:30:00 | 0 | 14.5896 | 14.458 |
| 10/2/2018 | 2:45:00 | 0 | 14.5866 | 14.351 |
| 10/2/2018 | 3:00:00 | 0 | 14.5857 | 14.304 |
| 10/2/2018 | 3:15:00 | 0 | 14.5822 | 14.252 |
| 10/2/2018 | 3:30:00 | 0 | 14.5801 | 14.224 |
| 10/2/2018 | 3:45:00 | 0 | 14.5784 | 14.246 |
| 10/2/2018 | 4:00:00 | 0 | 14.5773 | 14.268 |
| 10/2/2018 | 4:15:00 | 0 | 14.5759 | 14.252 |
| 10/2/2018 | 4:30:00 | 0 | 14.5786 | 14.231 |
| 10/2/2018 | 4:45:00 | 0 | 14.5766 | 14.125 |
| 10/2/2018 | 5:00:00 | 0 | 14.5811 | 14.085 |

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| 10/2/2018 | 5:15:00 | 0 | 14.5807 | 14.093 |
| 10/2/2018 | 5:30:00 | 0 | 14.5844 | 14.12 |
| 10/2/2018 | 5:45:00 | 0 | 14.583 | 14.18 |
| 10/2/2018 | 6:00:00 | 0 | 14.5891 | 14.27 |
| 10/2/2018 | 6:15:00 | 0 | 14.59 | 14.328 |
| 10/2/2018 | 6:30:00 | 0 | 14.589 | 14.379 |
| 10/2/2018 | 6:45:00 | 0 | 14.5905 | 14.369 |
| 10/2/2018 | 7:00:00 | 0 | 14.5867 | 14.351 |
| 10/2/2018 | 7:15:00 | 0 | 14.5848 | 14.257 |
| 10/2/2018 | 7:30:00 | 0 | 14.5925 | 14.263 |
| 10/2/2018 | 7:45:00 | 0 | 14.5852 | 14.33 |
| 10/2/2018 | 8:00:00 | 0 | 14.5879 | 14.46 |
| 10/2/2018 | 8:15:00 | 0 | 14.5929 | 14.649 |
| 10/2/2018 | 8:30:00 | 0 | 14.5928 | 15.227 |
| 10/2/2018 | 8:45:00 | 0 | 14.5927 | 16.216 |
| 10/2/2018 | 9:00:00 | 0 | 14.5895 | 16.997 |
| 10/2/2018 | 9:15:00 | 0 | 14.5949 | 17.637 |
| 10/2/2018 | 9:30:00 | 0 | 14.5988 | 18.144 |
| 10/2/2018 | 9:45:00 | 0 | 14.6023 | 18.55 |
| 10/2/2018 | 10:00:00 | 0 | 14.6007 | 19.417 |
| 10/2/2018 | 10:15:00 | 0 | 14.6001 | 20.596 |
| 10/2/2018 | 10:30:00 | 0 | 14.5999 | 21.443 |
| 10/2/2018 | 10:45:00 | 0 | 14.5981 | 22.273 |
| 10/2/2018 | 11:00:00 | 0 | 14.5977 | 24.253 |
| 10/2/2018 | 11:15:00 | 0 | 14.5971 | 25.693 |
| 10/2/2018 | 11:30:00 | 0 | 14.5961 | 26.479 |
| 10/2/2018 | 11:45:00 | 0 | 14.5944 | 26.595 |
| 10/2/2018 | 12:00:00 | 0 | 14.5955 | 26.937 |
| 10/2/2018 | 12:15:00 | 0 | 14.5951 | 26.685 |
| 10/2/2018 | 12:30:00 | 0 | 14.5929 | 26.097 |
| 10/2/2018 | 12:45:00 | 0 | 14.5919 | 25.597 |
| 10/2/2018 | 13:00:00 | 0 | 14.5889 | 25.72 |
| 10/2/2018 | 13:15:00 | 0 | 14.587 | 25.61 |
| 10/2/2018 | 13:30:00 | 0 | 14.5848 | 25.501 |
| 10/2/2018 | 13:45:00 | 0 | 14.5818 | 24.907 |
| 10/2/2018 | 14:00:00 | 0 | 14.5791 | 24.816 |
| 10/2/2018 | 14:15:00 | 0 | 14.5766 | 24.738 |
| 10/2/2018 | 14:30:00 | 0 | 14.5751 | 23.669 |
| 10/2/2018 | 14:45:00 | 0 | 14.5737 | 22.85 |
| 10/2/2018 | 15:00:00 | 0 | 14.5711 | 22.412 |
| 10/2/2018 | 15:15:00 | 0 | 14.5705 | 22.167 |
| 10/2/2018 | 15:30:00 | 0 | 14.5686 | 21.804 |
| 10/2/2018 | 15:45:00 | 0 | 14.5674 | 21.35 |
| 10/2/2018 | 16:00:00 | 0 | 14.568 | 21.038 |
| 10/2/2018 | 16:15:00 | 0 | 14.5656 | 20.815 |
| 10/2/2018 | 16:30:00 | 0 | 14.5666 | 20.485 |
| 10/2/2018 | 16:45:00 | 0 | 14.5672 | 20.198 |
| 10/2/2018 | 17:00:00 | 0 | 14.5673 | 19.939 |
| 10/2/2018 | 17:15:00 | 0 | 14.5683 | 19.651 |
| 10/2/2018 | 17:30:00 | 0 | 14.5704 | 19.305 |
| 10/2/2018 | 17:45:00 | 0 | 14.5703 | 18.698 |
| 10/2/2018 | 18:00:00 | 0 | 14.572 | 17.938 |
| 10/2/2018 | 18:15:00 | 0 | 14.5752 | 17.447 |
| 10/2/2018 | 18:30:00 | 0 | 14.5789 | 17.063 |
| 10/2/2018 | 18:45:00 | 0 | 14.5847 | 16.835 |
| 10/2/2018 | 19:00:00 | 0 | 14.5887 | 16.632 |
| 10/2/2018 | 19:15:00 | 0 | 14.5927 | 16.517 |
| 10/2/2018 | 19:30:00 | 0 | 14.5953 | 16.471 |
| 10/2/2018 | 19:45:00 | 0 | 14.5991 | 16.514 |
| 10/2/2018 | 20:00:00 | 0 | 14.6029 | 16.559 |
| 10/2/2018 | 20:15:00 | 0 | 14.6039 | 16.58 |
| 10/2/2018 | 20:30:00 | 0 | 14.6079 | 16.606 |
| 10/2/2018 | 20:45:00 | 0 | 14.6126 | 16.592 |
| 10/2/2018 | 21:00:00 | 0 | 14.6155 | 16.538 |
| 10/2/2018 | 21:15:00 | 0 | 14.6158 | 16.54 |
| 10/2/2018 | 21:30:00 | 0 | 14.6207 | 16.53 |
| 10/2/2018 | 21:45:00 | 0 | 14.6219 | 16.444 |
| 10/2/2018 | 22:00:00 | 0 | 14.6269 | 16.32 |
| 10/2/2018 | 22:15:00 | 0 | 14.6261 | 16.25 |
| 10/2/2018 | 22:30:00 | 0 | 14.6263 | 16.227 |
| 10/2/2018 | 22:45:00 | 0 | 14.6313 | 16.174 |
| 10/2/2018 | 23:00:00 | 0 | 14.6315 | 16.137 |
| 10/2/2018 | 23:15:00 | 0 | 14.63 | 16.094 |
| 10/2/2018 | 23:30:00 | 0 | 14.6317 | 16.074 |
| 10/2/2018 | 23:45:00 | 0 | 14.6309 | 15.986 |
| 10/3/2018 | 0:00:00 | 0 | 14.6339 | 15.815 |
| 10/3/2018 | 0:15:00 | 0 | 14.6322 | 15.598 |
| 10/3/2018 | 0:30:00 | 0 | 14.628 | 15.482 |
| 10/3/2018 | 0:45:00 | 0 | 14.6284 | 15.433 |

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| 10/3/2018 | 1:00:00 | 0 | 14.6301 | 15.415 |
| 10/3/2018 | 1:15:00 | 0 | 14.6302 | 15.491 |
| 10/3/2018 | 1:30:00 | 0 | 14.6282 | 15.546 |
| 10/3/2018 | 1:45:00 | 0 | 14.6303 | 15.606 |
| 10/3/2018 | 2:00:00 | 0 | 14.6311 | 15.673 |
| 10/3/2018 | 2:15:00 | 0 | 14.6288 | 15.777 |
| 10/3/2018 | 2:30:00 | 0 | 14.6299 | 15.847 |
| 10/3/2018 | 2:45:00 | 0 | 14.6241 | 15.878 |
| 10/3/2018 | 3:00:00 | 0 | 14.6241 | 15.902 |
| 10/3/2018 | 3:15:00 | 0 | 14.6213 | 15.947 |
| 10/3/2018 | 3:30:00 | 0 | 14.6211 | 15.998 |
| 10/3/2018 | 3:45:00 | 0 | 14.6196 | 16.027 |
| 10/3/2018 | 4:00:00 | 0 | 14.6199 | 16.016 |
| 10/3/2018 | 4:15:00 | 0 | 14.6186 | 16.049 |
| 10/3/2018 | 4:30:00 | 0 | 14.6178 | 16.009 |
| 10/3/2018 | 4:45:00 | 0 | 14.6162 | 15.925 |
| 10/3/2018 | 5:00:00 | 0 | 14.6156 | 15.779 |
| 10/3/2018 | 5:15:00 | 0 | 14.6184 | 15.673 |
| 10/3/2018 | 5:30:00 | 0 | 14.6223 | 15.565 |
| 10/3/2018 | 5:45:00 | 0 | 14.6217 | 15.565 |
| 10/3/2018 | 6:00:00 | 0 | 14.6198 | 15.628 |
| 10/3/2018 | 6:15:00 | 0 | 14.6188 | 15.648 |
| 10/3/2018 | 6:30:00 | 0 | 14.6148 | 15.635 |
| 10/3/2018 | 6:45:00 | 0 | 14.6182 | 15.544 |
| 10/3/2018 | 7:00:00 | 0 | 14.6202 | 15.438 |
| 10/3/2018 | 7:15:00 | 0 | 14.6206 | 15.355 |
| 10/3/2018 | 7:30:00 | 0 | 14.6247 | 15.347 |
| 10/3/2018 | 7:45:00 | 0 | 14.6248 | 15.379 |
| 10/3/2018 | 8:00:00 | 0 | 14.6266 | 15.489 |
| 10/3/2018 | 8:15:00 | 0 | 14.6286 | 15.69 |
| 10/3/2018 | 8:30:00 | 0 | 14.6308 | 15.799 |
| 10/3/2018 | 8:45:00 | 0 | 14.6313 | 15.903 |
| 10/3/2018 | 9:00:00 | 0 | 14.6321 | 16.041 |
| 10/3/2018 | 9:15:00 | 0 | 14.6371 | 16.232 |
| 10/3/2018 | 9:30:00 | 0 | 14.6355 | 16.385 |
| 10/3/2018 | 9:45:00 | 0 | 14.6335 | 16.609 |
| 10/3/2018 | 10:00:00 | 0 | 14.6367 | 16.894 |
| 10/3/2018 | 10:15:00 | 0 | 14.636 | 17.049 |
| 10/3/2018 | 10:30:00 | 0 | 14.6351 | 17.183 |
| 10/3/2018 | 10:45:00 | 0 | 14.6368 | 17.513 |
| 10/3/2018 | 11:00:00 | 0 | 14.638 | 18.063 |
| 10/3/2018 | 11:15:00 | 0 | 14.6398 | 19.121 |
| 10/3/2018 | 11:30:00 | 0 | 14.6386 | 20.35 |
| 10/3/2018 | 11:45:00 | 0 | 14.6347 | 22.08 |
| 10/3/2018 | 12:00:00 | 0 | 14.6312 | 23.94 |
| 10/3/2018 | 12:15:00 | 0 | 14.6288 | 25.801 |
| 10/3/2018 | 12:30:00 | 0 | 14.63 | 26.39 |
| 10/3/2018 | 12:45:00 | 0 | 14.6293 | 25.1 |
| 10/3/2018 | 13:00:00 | 0 | 14.6267 | 24.836 |
| 10/3/2018 | 13:15:00 | 0 | 14.6249 | 24.557 |
| 10/3/2018 | 13:30:00 | 0 | 14.6243 | 24.153 |
| 10/3/2018 | 13:45:00 | 0 | 14.6244 | 23.256 |
| 10/3/2018 | 14:00:00 | 0 | 14.6232 | 22.542 |
| 10/3/2018 | 14:15:00 | 0 | 14.6211 | 22.16 |
| 10/3/2018 | 14:30:00 | 0 | 14.6217 | 22.007 |
| 10/3/2018 | 14:45:00 | 0 | 14.6201 | 21.954 |
| 10/3/2018 | 15:00:00 | 0 | 14.6187 | 21.79 |
| 10/3/2018 | 15:15:00 | 0 | 14.6161 | 21.671 |
| 10/3/2018 | 15:30:00 | 0 | 14.6155 | 21.937 |
| 10/3/2018 | 15:45:00 | 0 | 14.6156 | 21.623 |
| 10/3/2018 | 16:00:00 | 0 | 14.6151 | 21.281 |
| 10/3/2018 | 16:15:00 | 0 | 14.614 | 20.809 |
| 10/3/2018 | 16:30:00 | 0 | 14.6145 | 20.394 |
| 10/3/2018 | 16:45:00 | 0 | 14.6142 | 20.168 |
| 10/3/2018 | 17:00:00 | 0 | 14.6165 | 19.982 |
| 10/3/2018 | 17:15:00 | 0 | 14.6178 | 19.951 |
| 10/3/2018 | 17:30:00 | 0 | 14.6213 | 19.932 |
| 10/3/2018 | 17:45:00 | 0 | 14.6207 | 19.913 |
| 10/3/2018 | 18:00:00 | 0 | 14.6223 | 19.781 |
| 10/3/2018 | 18:15:00 | 0 | 14.6235 | 19.671 |
| 10/3/2018 | 18:30:00 | 0 | 14.6266 | 19.552 |
| 10/3/2018 | 18:45:00 | 0 | 14.6258 | 19.277 |
| 10/3/2018 | 19:00:00 | 0 | 14.6285 | 18.92 |
| 10/3/2018 | 19:15:00 | 0 | 14.6311 | 18.585 |
| 10/3/2018 | 19:30:00 | 0 | 14.6338 | 18.091 |
| 10/3/2018 | 19:45:00 | 0 | 14.6334 | 17.601 |
| 10/3/2018 | 20:00:00 | 0 | 14.6355 | 17.184 |
| 10/3/2018 | 20:15:00 | 0 | 14.6382 | 16.902 |
| 10/3/2018 | 20:30:00 | 0 | 14.6386 | 16.681 |

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| 10/3/2018 | 20:45:00 | 0 | 14.64 | 16.503 |
| 10/3/2018 | 21:00:00 | 0 | 14.6412 | 16.426 |
| 10/3/2018 | 21:15:00 | 0 | 14.6428 | 16.364 |
| 10/3/2018 | 21:30:00 | 0 | 14.6442 | 16.364 |
| 10/3/2018 | 21:45:00 | 0 | 14.6455 | 16.362 |
| 10/3/2018 | 22:00:00 | 0 | 14.6464 | 16.392 |
| 10/3/2018 | 22:15:00 | 0 | 14.6479 | 16.41 |
| 10/3/2018 | 22:30:00 | 0 | 14.651 | 16.347 |
| 10/3/2018 | 22:45:00 | 0 | 14.6527 | 16.249 |
| 10/3/2018 | 23:00:00 | 0 | 14.6539 | 16.153 |
| 10/3/2018 | 23:15:00 | 0 | 14.656 | 16.077 |
| 10/3/2018 | 23:30:00 | 0 | 14.6565 | 15.995 |
| 10/3/2018 | 23:45:00 | 0 | 14.6569 | 15.913 |

Report Date: 10/8/2018 13:35
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name: MPWSP Barotroll_2018-10-05_15-48-09-951.wsl
Create Date: 10/5/2018 15:48

Device Properties

Device: BaroTROLL 500
Site: MPWSP BaroTroll
Device Name:
Serial Number: 399604
Firmware Version: 3.02
Hardware Version: 4
Device Address: 1
Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
Used Memory: 0
Used Battery: 7

Log Configuration

Log Name: MPWSP Barotroll
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 4/28/2016 3:36:54 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 4/28/2016 3:45:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Other Log Settings

Log Notes:

| Date and Time | Note |
|------------------|--|
| 4/28/2016 15:41 | Sensor SN: 399604 Factory calibration has expired.: 1/21/2016 11:40:19 AM |
| 4/28/2016 15:41 | Used Battery: 7% Used Memory: 12% User Name: KMakar |
| 5/5/2016 13:40 | Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 2:30:00 PM |
| 5/12/2016 16:51 | Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:45:00 PM |
| 5/19/2016 17:53 | Log Download - Used Battery: 7% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 6:45:00 PM |
| 5/26/2016 15:21 | Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:15:00 PM |
| 6/2/2016 17:25 | Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 1:15:00 AM Stop Time: 6/2/2016 6:15:00 PM |
| 6/9/2016 14:11 | Log Download - Used Battery: 7% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 3:00:00 PM |
| 6/16/2016 18:18 | Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 7:15:00 PM |
| 6/23/2016 18:28 | Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:15:00 PM |
| 7/1/2016 15:22 | Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 5/31/2016 1:00:00 AM Stop Time: 7/1/2016 4:15:00 PM |
| 7/8/2016 13:27 | Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 1:05:00 PM |
| 7/14/2016 21:10 | Log Download - Used Battery: 8% Used Memory: 18% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 10:00:00 PM |
| 7/22/2016 10:07 | Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/22/2016 10:00:00 AM |
| 7/28/2016 21:08 | Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 9:00:00 PM |
| 8/4/2016 19:48 | Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 8/4/2016 8:35:00 PM |
| 8/11/2016 18:17 | Log Download - Used Battery: 8% Used Memory: 25% User Name: ELinden Interval - Start Time: 8/2/2016 12:00:00 PM Stop Time: 8/11/2016 8:15:00 PM |
| 8/18/2016 18:17 | Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 7:00:00 PM |
| 8/18/2016 18:18 | Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 AM Stop Time: 8/18/2016 6:15:00 PM |
| 8/25/2016 21:35 | Log Download - Used Battery: 9% Used Memory: 25% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 10:30:00 PM |
| 9/1/2016 17:23 | Log Download - Used Battery: 9% Used Memory: 25% User Name: skuiper Interval - Start Time: 7/30/2016 10:00:00 PM Stop Time: 9/1/2016 6:15:00 PM |
| 9/8/2016 19:54 | Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/31/2016 12:00:00 AM Stop Time: 9/8/2016 7:45:00 PM |
| 9/8/2016 19:55 | Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/31/2016 12:00:00 AM Stop Time: 9/8/2016 8:45:00 PM |
| 9/15/2016 21:07 | Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 10:00:00 PM |
| 9/22/2016 19:04 | Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 7:15:00 PM |
| 10/2/2016 11:33 | Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 12:30:00 PM |
| 10/7/2016 13:04 | Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:10:00 PM |
| 10/7/2016 20:09 | Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/27/2016 12:00:00 AM Stop Time: 10/7/2016 8:00:00 PM |
| 10/13/2016 19:55 | Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:45:00 PM |
| 10/13/2016 19:57 | Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/5/2016 12:00:00 AM Stop Time: 10/13/2016 7:45:00 PM |
| 10/20/2016 19:48 | Log Download - Used Battery: 9% Used Memory: 37% User Name: SKuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 8:30:00 PM |
| 10/27/2016 18:20 | Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 10/18/2016 5:00:00 PM Stop Time: 10/27/2016 6:15:00 PM |
| 11/3/2016 17:45 | Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/30/2016 7:50:00 PM Stop Time: 11/3/2016 6:45:00 PM |
| 11/11/2016 9:44 | Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 10:30:00 AM |
| 11/17/2016 16:26 | Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 5:15:00 PM |
| 11/24/2016 16:54 | Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:45:00 PM |
| 12/2/2016 8:57 | Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 10/31/2016 1:00:00 AM Stop Time: 12/2/2016 9:45:00 AM |
| 12/8/2016 17:43 | Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 6:30:00 PM |
| 12/9/2016 11:16 | Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 11:15:00 AM |
| 12/15/2016 16:34 | Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 4:30:00 PM |
| 12/22/2016 21:05 | Log Download - Used Battery: 10% Used Memory: 43% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 9:30:00 PM |
| 1/5/2017 18:42 | Log Download - Used Battery: 11% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 6:30:00 PM |
| 1/12/2017 17:40 | Log Download - Used Battery: 11% Used Memory: 50% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 5:30:00 PM |
| 1/19/2017 14:17 | Log Download - Used Battery: 11% Used Memory: 50% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 3:15:00 PM |
| 1/27/2017 7:44 | Log Download - Used Battery: 11% Used Memory: 50% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/27/2017 8:30:00 AM |
| 2/2/2017 18:55 | Log Download - Used Battery: 11% Used Memory: 50% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 6:45:00 PM |
| 2/9/2017 15:56 | Log Download - Used Battery: 11% Used Memory: 50% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 4:45:00 PM |
| 2/16/2017 15:27 | Log Download - Used Battery: 11% Used Memory: 50% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 4:15:00 PM |

2/22/2017 17:21 Log Download - Used Battery: 11% Used Memory: 56% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/22/2017 2:15:00 PM
 2/23/2017 15:46 Log Download - Used Battery: 11% Used Memory: 56% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 3:45:00 PM
 3/2/2017 18:28 Log Download - Used Battery: 11% Used Memory: 56% User Name: SKuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 11:15:00 PM
 3/9/2017 17:51 Log Download - Used Battery: 12% Used Memory: 56% User Name: WMassoll Interval - Start Time: 3/3/2017 8:15:00 AM Stop Time: 3/9/2017 6:45:00 PM
 3/10/2017 15:58 Log Download - Used Battery: 12% Used Memory: 56% User Name: WMassoll Interval - Start Time: 3/1/2017 8:15:00 AM Stop Time: 3/10/2017 4:45:00 PM
 3/16/2017 18:57 Log Download - Used Battery: 12% Used Memory: 56% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 7:45:00 PM
 3/23/2017 15:05 Log Download - Used Battery: 12% Used Memory: 56% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 4:00:00 PM
 3/30/2017 13:22 Log Download - Used Battery: 12% Used Memory: 56% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 2:15:00 PM
 4/6/2017 18:21 Log Download - Used Battery: 12% Used Memory: 62% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 9:15:00 PM
 4/13/2017 18:56 Log Download - Used Battery: 12% Used Memory: 62% User Name: WMassoll Interval - Start Time: 4/5/2017 10:00:00 PM Stop Time: 4/13/2017 8:45:00 PM
 4/20/2017 19:05 Log Download - Used Battery: 12% Used Memory: 62% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 8:00:00 PM
 4/27/2017 18:54 Log Download - Used Battery: 12% Used Memory: 62% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 7:45:00 PM
 4/28/2017 12:12 Log Download - Used Battery: 12% Used Memory: 62% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/28/2017 1:00:00 PM
 5/4/2017 13:20 Log Download - Used Battery: 12% Used Memory: 62% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 2:15:00 PM
 5/11/2017 13:32 Log Download - Used Battery: 13% Used Memory: 62% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 3:15:00 PM

Log Data:
 Record Count 2856

Sensors 1
 1 399604 Baro-Pressure/Temp

Time Zone: Pacific Daylight Time

| Date and Time | Elapsed Time Seconds | Sensor: Baro Pres SN#: 399604 Pressure (mmHg) | Sensor: Baro Pres SN#: 399604 Temperature (C) |
|----------------|-------------------------|---|---|
| 9/6/2018 0:00 | | 7200 | 762.648 |
| 9/6/2018 0:15 | | 8100 | 762.847 |
| 9/6/2018 0:30 | | 9000 | 762.703 |
| 9/6/2018 0:45 | | 9900 | 762.944 |
| 9/6/2018 1:00 | | 10800 | 762.767 |
| 9/6/2018 1:15 | | 11700 | 762.97 |
| 9/6/2018 1:30 | | 12600 | 762.893 |
| 9/6/2018 1:45 | | 13500 | 762.907 |
| 9/6/2018 2:00 | | 14400 | 762.693 |
| 9/6/2018 2:15 | | 15300 | 762.803 |
| 9/6/2018 2:30 | | 16200 | 762.66 |
| 9/6/2018 2:45 | | 17100 | 762.545 |
| 9/6/2018 3:00 | | 18000 | 762.393 |
| 9/6/2018 3:15 | | 18900 | 762.323 |
| 9/6/2018 3:30 | | 19800 | 762.334 |
| 9/6/2018 3:45 | | 20700 | 762.015 |
| 9/6/2018 4:00 | | 21600 | 762.383 |
| 9/6/2018 4:15 | | 22500 | 762.263 |
| 9/6/2018 4:30 | | 23400 | 762.426 |
| 9/6/2018 4:45 | | 24300 | 762.164 |
| 9/6/2018 5:00 | | 25200 | 762.057 |
| 9/6/2018 5:15 | | 26100 | 762.452 |
| 9/6/2018 5:30 | | 27000 | 762.648 |
| 9/6/2018 5:45 | | 27900 | 762.956 |
| 9/6/2018 6:00 | | 28800 | 763.179 |
| 9/6/2018 6:15 | | 29700 | 762.843 |
| 9/6/2018 6:30 | | 30600 | 762.933 |
| 9/6/2018 6:45 | | 31500 | 763.103 |
| 9/6/2018 7:00 | | 32400 | 763.284 |
| 9/6/2018 7:15 | | 33300 | 763.508 |
| 9/6/2018 7:30 | | 34200 | 763.543 |
| 9/6/2018 7:45 | | 35100 | 763.746 |
| 9/6/2018 8:00 | | 36000 | 763.539 |
| 9/6/2018 8:15 | | 36900 | 763.656 |
| 9/6/2018 8:30 | | 37800 | 763.542 |
| 9/6/2018 8:45 | | 38700 | 763.625 |
| 9/6/2018 9:00 | | 39600 | 763.46 |
| 9/6/2018 9:15 | | 40500 | 764.148 |
| 9/6/2018 9:30 | | 41400 | 763.787 |
| 9/6/2018 9:45 | | 42300 | 763.582 |
| 9/6/2018 10:00 | | 43200 | 763.837 |
| 9/6/2018 10:15 | | 44100 | 763.894 |
| 9/6/2018 10:30 | | 45000 | 763.488 |
| 9/6/2018 10:45 | | 45900 | 763.561 |
| 9/6/2018 11:00 | | 46800 | 764.025 |
| 9/6/2018 11:15 | | 47700 | 764.136 |
| 9/6/2018 11:30 | | 48600 | 763.853 |
| 9/6/2018 11:45 | | 49500 | 763.702 |
| 9/6/2018 12:00 | | 50400 | 763.782 |
| 9/6/2018 12:15 | | 51300 | 763.386 |
| 9/6/2018 12:30 | | 52200 | 763.662 |
| 9/6/2018 12:45 | | 53100 | 763.856 |
| 9/6/2018 13:00 | | 54000 | 763.47 |
| 9/6/2018 13:15 | | 54900 | 763.741 |
| 9/6/2018 13:30 | | 55800 | 763.647 |
| 9/6/2018 13:45 | | 56700 | 763.635 |
| 9/6/2018 14:00 | | 57600 | 763.428 |
| 9/6/2018 14:15 | | 58500 | 763.471 |
| 9/6/2018 14:30 | | 59400 | 763.579 |
| 9/6/2018 14:45 | | 60300 | 763.403 |
| 9/6/2018 15:00 | | 61200 | 763.217 |
| 9/6/2018 15:15 | | 62100 | 763.144 |
| 9/6/2018 15:30 | | 63000 | 763.021 |
| 9/6/2018 15:45 | | 63900 | 763.273 |
| 9/6/2018 16:00 | | 64800 | 762.771 |
| 9/6/2018 16:15 | | 65700 | 762.798 |
| 9/6/2018 16:30 | | 66600 | 762.652 |

| | | | |
|----------------|--------|---------|--------|
| 9/6/2018 16:45 | 67500 | 762.621 | 23.768 |
| 9/6/2018 17:00 | 68400 | 762.912 | 23.802 |
| 9/6/2018 17:15 | 69300 | 762.429 | 23.822 |
| 9/6/2018 17:30 | 70200 | 762.526 | 23.811 |
| 9/6/2018 17:45 | 71100 | 762.681 | 23.76 |
| 9/6/2018 18:00 | 72000 | 762.334 | 23.697 |
| 9/6/2018 18:15 | 72900 | 762.288 | 23.596 |
| 9/6/2018 18:30 | 73800 | 762.434 | 23.454 |
| 9/6/2018 18:45 | 74700 | 762.457 | 23.281 |
| 9/6/2018 19:00 | 75600 | 762.251 | 23.063 |
| 9/6/2018 19:15 | 76500 | 762.223 | 22.864 |
| 9/6/2018 19:30 | 77400 | 762.326 | 22.688 |
| 9/6/2018 19:45 | 78300 | 761.992 | 22.553 |
| 9/6/2018 20:00 | 79200 | 761.92 | 22.373 |
| 9/6/2018 20:15 | 80100 | 761.935 | 22.252 |
| 9/6/2018 20:30 | 81000 | 762.412 | 22.103 |
| 9/6/2018 20:45 | 81900 | 762.477 | 21.979 |
| 9/6/2018 21:00 | 82800 | 762.495 | 21.858 |
| 9/6/2018 21:15 | 83700 | 762.568 | 21.7 |
| 9/6/2018 21:30 | 84600 | 762.663 | 21.578 |
| 9/6/2018 21:45 | 85500 | 762.621 | 21.422 |
| 9/6/2018 22:00 | 86400 | 762.94 | 21.273 |
| 9/6/2018 22:15 | 87300 | 762.442 | 21.12 |
| 9/6/2018 22:30 | 88200 | 762.684 | 20.936 |
| 9/6/2018 22:45 | 89100 | 762.772 | 20.833 |
| 9/6/2018 23:00 | 90000 | 762.646 | 20.701 |
| 9/6/2018 23:15 | 90900 | 762.483 | 20.59 |
| 9/6/2018 23:30 | 91800 | 762.726 | 20.44 |
| 9/6/2018 23:45 | 92700 | 762.619 | 20.322 |
| 9/7/2018 0:00 | 93600 | 762.523 | 20.197 |
| 9/7/2018 0:15 | 94500 | 762.802 | 20.113 |
| 9/7/2018 0:30 | 95400 | 762.673 | 20.057 |
| 9/7/2018 0:45 | 96300 | 762.643 | 20.042 |
| 9/7/2018 1:00 | 97200 | 762.76 | 20.032 |
| 9/7/2018 1:15 | 98100 | 762.679 | 20.026 |
| 9/7/2018 1:30 | 99000 | 762.378 | 20.039 |
| 9/7/2018 1:45 | 99900 | 762.498 | 20.021 |
| 9/7/2018 2:00 | 100800 | 762.358 | 20.018 |
| 9/7/2018 2:15 | 101700 | 762.229 | 20.044 |
| 9/7/2018 2:30 | 102600 | 762.476 | 20.023 |
| 9/7/2018 2:45 | 103500 | 762.086 | 20.006 |
| 9/7/2018 3:00 | 104400 | 762.372 | 19.96 |
| 9/7/2018 3:15 | 105300 | 762.308 | 19.931 |
| 9/7/2018 3:30 | 106200 | 762.257 | 19.934 |
| 9/7/2018 3:45 | 107100 | 762.302 | 19.861 |
| 9/7/2018 4:00 | 108000 | 762.669 | 19.805 |
| 9/7/2018 4:15 | 108900 | 762.277 | 19.779 |
| 9/7/2018 4:30 | 109800 | 762.686 | 19.702 |
| 9/7/2018 4:45 | 110700 | 762.356 | 19.605 |
| 9/7/2018 5:00 | 111600 | 762.292 | 19.53 |
| 9/7/2018 5:15 | 112500 | 761.792 | 19.467 |
| 9/7/2018 5:30 | 113400 | 762.449 | 19.375 |
| 9/7/2018 5:45 | 114300 | 762.071 | 19.323 |
| 9/7/2018 6:00 | 115200 | 762.025 | 19.289 |
| 9/7/2018 6:15 | 116100 | 762.222 | 19.231 |
| 9/7/2018 6:30 | 117000 | 762.334 | 19.21 |
| 9/7/2018 6:45 | 117900 | 762.683 | 19.189 |
| 9/7/2018 7:00 | 118800 | 762.674 | 19.173 |
| 9/7/2018 7:15 | 119700 | 762.641 | 19.142 |
| 9/7/2018 7:30 | 120600 | 762.231 | 19.107 |
| 9/7/2018 7:45 | 121500 | 762.617 | 19.053 |
| 9/7/2018 8:00 | 122400 | 762.686 | 19.008 |
| 9/7/2018 8:15 | 123300 | 762.789 | 18.993 |
| 9/7/2018 8:30 | 124200 | 762.671 | 18.98 |
| 9/7/2018 8:45 | 125100 | 762.836 | 18.995 |
| 9/7/2018 9:00 | 126000 | 762.491 | 19.029 |
| 9/7/2018 9:15 | 126900 | 762.822 | 19.045 |
| 9/7/2018 9:30 | 127800 | 762.846 | 19.094 |
| 9/7/2018 9:45 | 128700 | 763.037 | 19.155 |
| 9/7/2018 10:00 | 129600 | 762.732 | 19.233 |
| 9/7/2018 10:15 | 130500 | 762.901 | 19.285 |
| 9/7/2018 10:30 | 131400 | 762.872 | 19.397 |
| 9/7/2018 10:45 | 132300 | 763.171 | 19.501 |
| 9/7/2018 11:00 | 133200 | 762.882 | 19.678 |
| 9/7/2018 11:15 | 134100 | 763.13 | 19.844 |
| 9/7/2018 11:30 | 135000 | 762.832 | 20.038 |
| 9/7/2018 11:45 | 135900 | 762.621 | 20.254 |
| 9/7/2018 12:00 | 136800 | 763.024 | 20.484 |
| 9/7/2018 12:15 | 137700 | 762.747 | 20.687 |
| 9/7/2018 12:30 | 138600 | 762.622 | 20.889 |
| 9/7/2018 12:45 | 139500 | 762.484 | 21.087 |
| 9/7/2018 13:00 | 140400 | 762.435 | 21.304 |
| 9/7/2018 13:15 | 141300 | 762.458 | 21.487 |
| 9/7/2018 13:30 | 142200 | 762.755 | 21.675 |
| 9/7/2018 13:45 | 143100 | 762.481 | 21.826 |
| 9/7/2018 14:00 | 144000 | 762.39 | 22.032 |
| 9/7/2018 14:15 | 144900 | 762.277 | 22.205 |
| 9/7/2018 14:30 | 145800 | 762.401 | 22.354 |
| 9/7/2018 14:45 | 146700 | 762.107 | 22.551 |
| 9/7/2018 15:00 | 147600 | 762.319 | 22.719 |
| 9/7/2018 15:15 | 148500 | 762.305 | 22.858 |
| 9/7/2018 15:30 | 149400 | 762.143 | 23.018 |
| 9/7/2018 15:45 | 150300 | 762.27 | 23.148 |
| 9/7/2018 16:00 | 151200 | 761.92 | 23.244 |
| 9/7/2018 16:15 | 152100 | 761.853 | 23.353 |
| 9/7/2018 16:30 | 153000 | 761.772 | 23.472 |

| | | | |
|----------------|--------|---------|--------|
| 9/7/2018 16:45 | 153900 | 761.797 | 23.532 |
| 9/7/2018 17:00 | 154800 | 761.733 | 23.572 |
| 9/7/2018 17:15 | 155700 | 761.89 | 23.57 |
| 9/7/2018 17:30 | 156600 | 761.499 | 23.537 |
| 9/7/2018 17:45 | 157500 | 761.757 | 23.467 |
| 9/7/2018 18:00 | 158400 | 761.877 | 23.378 |
| 9/7/2018 18:15 | 159300 | 761.647 | 23.271 |
| 9/7/2018 18:30 | 160200 | 761.767 | 23.132 |
| 9/7/2018 18:45 | 161100 | 761.518 | 22.946 |
| 9/7/2018 19:00 | 162000 | 761.433 | 22.734 |
| 9/7/2018 19:15 | 162900 | 761.446 | 22.538 |
| 9/7/2018 19:30 | 163800 | 761.36 | 22.386 |
| 9/7/2018 19:45 | 164700 | 761.733 | 22.228 |
| 9/7/2018 20:00 | 165600 | 761.422 | 22.077 |
| 9/7/2018 20:15 | 166500 | 761.421 | 21.914 |
| 9/7/2018 20:30 | 167400 | 761.471 | 21.727 |
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| 10/1/2018 10:45 | 2205900 | 759.139 | 20.551 |
| 10/1/2018 11:00 | 2206800 | 758.922 | 20.735 |
| 10/1/2018 11:15 | 2207700 | 759.07 | 20.934 |
| 10/1/2018 11:30 | 2208600 | 758.684 | 21.096 |
| 10/1/2018 11:45 | 2209500 | 758.773 | 21.305 |
| 10/1/2018 12:00 | 2210400 | 758.494 | 21.48 |
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| 10/1/2018 12:30 | 2212200 | 758.232 | 21.827 |
| 10/1/2018 12:45 | 2213100 | 758.063 | 22.012 |
| 10/1/2018 13:00 | 2214000 | 757.986 | 22.185 |
| 10/1/2018 13:15 | 2214900 | 757.859 | 22.387 |
| 10/1/2018 13:30 | 2215800 | 757.892 | 22.58 |
| 10/1/2018 13:45 | 2216700 | 757.715 | 22.775 |
| 10/1/2018 14:00 | 2217600 | 757.55 | 22.994 |
| 10/1/2018 14:15 | 2218500 | 757.424 | 23.218 |
| 10/1/2018 14:30 | 2219400 | 757.304 | 23.432 |
| 10/1/2018 14:45 | 2220300 | 757.236 | 23.616 |
| 10/1/2018 15:00 | 2221200 | 757.322 | 23.778 |
| 10/1/2018 15:15 | 2222100 | 757.322 | 23.967 |
| 10/1/2018 15:30 | 2223000 | 757.201 | 24.158 |
| 10/1/2018 15:45 | 2223900 | 757.013 | 24.275 |
| 10/1/2018 16:00 | 2224800 | 757.057 | 24.343 |
| 10/1/2018 16:15 | 2225700 | 757.084 | 24.415 |
| 10/1/2018 16:30 | 2226600 | 756.975 | 24.432 |

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| 10/1/2018 16:45 | 2227500 | 756.987 | 24.474 |
| 10/1/2018 17:00 | 2228400 | 757.131 | 24.461 |
| 10/1/2018 17:15 | 2229300 | 756.68 | 24.431 |
| 10/1/2018 17:30 | 2230200 | 756.847 | 24.406 |
| 10/1/2018 17:45 | 2231100 | 757.15 | 24.335 |
| 10/1/2018 18:00 | 2232000 | 756.638 | 24.234 |
| 10/1/2018 18:15 | 2232900 | 757.035 | 24.092 |
| 10/1/2018 18:30 | 2233800 | 756.906 | 23.941 |
| 10/1/2018 18:45 | 2234700 | 756.614 | 23.735 |
| 10/1/2018 19:00 | 2235600 | 756.794 | 23.516 |
| 10/1/2018 19:15 | 2236500 | 756.667 | 23.225 |
| 10/1/2018 19:30 | 2237400 | 756.692 | 22.927 |
| 10/1/2018 19:45 | 2238300 | 756.277 | 22.642 |
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| 10/1/2018 21:30 | 2244600 | 756.562 | 21.113 |
| 10/1/2018 21:45 | 2245500 | 756.571 | 21.017 |
| 10/1/2018 22:00 | 2246400 | 757.057 | 20.911 |
| 10/1/2018 22:15 | 2247300 | 757.179 | 20.81 |
| 10/1/2018 22:30 | 2248200 | 757.192 | 20.71 |
| 10/1/2018 22:45 | 2249100 | 756.833 | 20.605 |
| 10/1/2018 23:00 | 2250000 | 756.725 | 20.546 |
| 10/1/2018 23:15 | 2250900 | 756.838 | 20.474 |
| 10/1/2018 23:30 | 2251800 | 757.115 | 20.417 |
| 10/1/2018 23:45 | 2252700 | 756.865 | 20.423 |
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| 10/2/2018 0:15 | 2254500 | 757.065 | 20.365 |
| 10/2/2018 0:30 | 2255400 | 757.123 | 20.285 |
| 10/2/2018 0:45 | 2256300 | 756.917 | 20.244 |
| 10/2/2018 1:00 | 2257200 | 757.027 | 20.226 |
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| 10/2/2018 1:45 | 2259900 | 756.556 | 20.181 |
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| 10/2/2018 2:15 | 2261700 | 756.671 | 20.115 |
| 10/2/2018 2:30 | 2262600 | 756.744 | 20.078 |
| 10/2/2018 2:45 | 2263500 | 756.604 | 20.005 |
| 10/2/2018 3:00 | 2264400 | 756.702 | 19.966 |
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| 10/2/2018 4:00 | 2268000 | 756.471 | 19.771 |
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| 10/2/2018 4:30 | 2269800 | 755.861 | 19.696 |
| 10/2/2018 4:45 | 2270700 | 756.24 | 19.679 |
| 10/2/2018 5:00 | 2271600 | 756.251 | 19.592 |
| 10/2/2018 5:15 | 2272500 | 756.559 | 19.567 |
| 10/2/2018 5:30 | 2273400 | 756.414 | 19.498 |
| 10/2/2018 5:45 | 2274300 | 756.55 | 19.48 |
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| 10/2/2018 7:15 | 2279700 | 756.796 | 19.323 |
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| 10/2/2018 9:45 | 2288700 | 757.421 | 19.87 |
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| 10/2/2018 10:45 | 2292300 | 757.418 | 20.477 |
| 10/2/2018 11:00 | 2293200 | 757.244 | 20.603 |
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| 10/2/2018 12:30 | 2298600 | 757.215 | 21.663 |
| 10/2/2018 12:45 | 2299500 | 757.102 | 21.859 |
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| 10/2/2018 13:30 | 2302200 | 756.79 | 22.567 |
| 10/2/2018 13:45 | 2303100 | 756.932 | 22.805 |
| 10/2/2018 14:00 | 2304000 | 756.369 | 23.047 |
| 10/2/2018 14:15 | 2304900 | 756.609 | 23.29 |
| 10/2/2018 14:30 | 2305800 | 756.099 | 23.512 |
| 10/2/2018 14:45 | 2306700 | 756.013 | 23.668 |
| 10/2/2018 15:00 | 2307600 | 756.091 | 23.865 |
| 10/2/2018 15:15 | 2308500 | 756.21 | 23.979 |
| 10/2/2018 15:30 | 2309400 | 755.932 | 24.102 |
| 10/2/2018 15:45 | 2310300 | 755.805 | 24.176 |
| 10/2/2018 16:00 | 2311200 | 755.783 | 24.244 |
| 10/2/2018 16:15 | 2312100 | 755.697 | 24.302 |
| 10/2/2018 16:30 | 2313000 | 755.558 | 24.29 |

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| 10/2/2018 16:45 | 2313900 | 755.537 | 24.306 |
| 10/2/2018 17:00 | 2314800 | 755.657 | 24.276 |
| 10/2/2018 17:15 | 2315700 | 755.4 | 24.229 |
| 10/2/2018 17:30 | 2316600 | 755.689 | 24.175 |
| 10/2/2018 17:45 | 2317500 | 755.874 | 24.091 |
| 10/2/2018 18:00 | 2318400 | 755.913 | 24.007 |
| 10/2/2018 18:15 | 2319300 | 756.057 | 23.835 |
| 10/2/2018 18:30 | 2320200 | 755.851 | 23.664 |
| 10/2/2018 18:45 | 2321100 | 756.249 | 23.427 |
| 10/2/2018 19:00 | 2322000 | 756.413 | 23.15 |
| 10/2/2018 19:15 | 2322900 | 756.847 | 22.887 |
| 10/2/2018 19:30 | 2323800 | 757.09 | 22.575 |
| 10/2/2018 19:45 | 2324700 | 757.169 | 22.328 |
| 10/2/2018 20:00 | 2325600 | 757.236 | 22.079 |
| 10/2/2018 20:15 | 2326500 | 757.758 | 21.872 |
| 10/2/2018 20:30 | 2327400 | 757.471 | 21.752 |
| 10/2/2018 20:45 | 2328300 | 757.936 | 21.642 |
| 10/2/2018 21:00 | 2329200 | 758.055 | 21.567 |
| 10/2/2018 21:15 | 2330100 | 757.803 | 21.507 |
| 10/2/2018 21:30 | 2331000 | 758.166 | 21.438 |
| 10/2/2018 21:45 | 2331900 | 758.27 | 21.354 |
| 10/2/2018 22:00 | 2332800 | 758.559 | 21.282 |
| 10/2/2018 22:15 | 2333700 | 758.689 | 21.203 |
| 10/2/2018 22:30 | 2334600 | 758.54 | 21.184 |
| 10/2/2018 22:45 | 2335500 | 758.517 | 21.11 |
| 10/2/2018 23:00 | 2336400 | 759.027 | 21.064 |
| 10/2/2018 23:15 | 2337300 | 758.721 | 21.004 |
| 10/2/2018 23:30 | 2338200 | 758.925 | 20.956 |
| 10/2/2018 23:45 | 2339100 | 758.916 | 20.916 |
| 10/3/2018 0:00 | 2340000 | 758.852 | 20.885 |
| 10/3/2018 0:15 | 2340900 | 759.282 | 20.817 |
| 10/3/2018 0:30 | 2341800 | 759.007 | 20.761 |
| 10/3/2018 0:45 | 2342700 | 758.797 | 20.689 |
| 10/3/2018 1:00 | 2343600 | 758.795 | 20.624 |
| 10/3/2018 1:15 | 2344500 | 759.205 | 20.587 |
| 10/3/2018 1:30 | 2345400 | 758.865 | 20.544 |
| 10/3/2018 1:45 | 2346300 | 758.857 | 20.495 |
| 10/3/2018 2:00 | 2347200 | 758.777 | 20.466 |
| 10/3/2018 2:15 | 2348100 | 758.709 | 20.479 |
| 10/3/2018 2:30 | 2349000 | 758.783 | 20.459 |
| 10/3/2018 2:45 | 2349900 | 758.808 | 20.444 |
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| 10/3/2018 3:15 | 2351700 | 758.445 | 20.417 |
| 10/3/2018 3:30 | 2352600 | 758.458 | 20.398 |
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| 10/3/2018 4:15 | 2355300 | 758.308 | 20.417 |
| 10/3/2018 4:30 | 2356200 | 758.396 | 20.42 |
| 10/3/2018 4:45 | 2357100 | 758.021 | 20.385 |
| 10/3/2018 5:00 | 2358000 | 758.472 | 20.385 |
| 10/3/2018 5:15 | 2358900 | 758.391 | 20.349 |
| 10/3/2018 5:30 | 2359800 | 758.195 | 20.327 |
| 10/3/2018 5:45 | 2360700 | 758.521 | 20.276 |
| 10/3/2018 6:00 | 2361600 | 758.58 | 20.259 |
| 10/3/2018 6:15 | 2362500 | 758.478 | 20.197 |
| 10/3/2018 6:30 | 2363400 | 758.441 | 20.184 |
| 10/3/2018 6:45 | 2364300 | 757.791 | 20.166 |
| 10/3/2018 7:00 | 2365200 | 758.686 | 20.122 |
| 10/3/2018 7:15 | 2366100 | 758.541 | 20.065 |
| 10/3/2018 7:30 | 2367000 | 758.334 | 20.022 |
| 10/3/2018 7:45 | 2367900 | 759.002 | 19.989 |
| 10/3/2018 8:00 | 2368800 | 758.829 | 19.957 |
| 10/3/2018 8:15 | 2369700 | 758.62 | 19.966 |
| 10/3/2018 8:30 | 2370600 | 758.906 | 19.918 |
| 10/3/2018 8:45 | 2371500 | 758.84 | 19.94 |
| 10/3/2018 9:00 | 2372400 | 758.913 | 19.984 |
| 10/3/2018 9:15 | 2373300 | 759.093 | 19.992 |
| 10/3/2018 9:30 | 2374200 | 759.452 | 20.002 |
| 10/3/2018 9:45 | 2375100 | 758.962 | 20.033 |
| 10/3/2018 10:00 | 2376000 | 759.304 | 20.088 |
| 10/3/2018 10:15 | 2376900 | 758.953 | 20.102 |
| 10/3/2018 10:30 | 2377800 | 759.163 | 20.162 |
| 10/3/2018 10:45 | 2378700 | 759.395 | 20.223 |
| 10/3/2018 11:00 | 2379600 | 759.122 | 20.301 |
| 10/3/2018 11:15 | 2380500 | 759.333 | 20.405 |
| 10/3/2018 11:30 | 2381400 | 759.6 | 20.525 |
| 10/3/2018 11:45 | 2382300 | 759.424 | 20.622 |
| 10/3/2018 12:00 | 2383200 | 759.206 | 20.802 |
| 10/3/2018 12:15 | 2384100 | 759.228 | 20.97 |
| 10/3/2018 12:30 | 2385000 | 759.221 | 21.134 |
| 10/3/2018 12:45 | 2385900 | 759.253 | 21.335 |
| 10/3/2018 13:00 | 2386800 | 758.772 | 21.478 |
| 10/3/2018 13:15 | 2387700 | 758.923 | 21.658 |
| 10/3/2018 13:30 | 2388600 | 758.938 | 21.848 |
| 10/3/2018 13:45 | 2389500 | 758.702 | 22.009 |
| 10/3/2018 14:00 | 2390400 | 758.702 | 22.161 |
| 10/3/2018 14:15 | 2391300 | 758.661 | 22.271 |
| 10/3/2018 14:30 | 2392200 | 758.307 | 22.384 |
| 10/3/2018 14:45 | 2393100 | 758.707 | 22.486 |
| 10/3/2018 15:00 | 2394000 | 758.559 | 22.591 |
| 10/3/2018 15:15 | 2394900 | 758.392 | 22.706 |
| 10/3/2018 15:30 | 2395800 | 758.24 | 22.826 |
| 10/3/2018 15:45 | 2396700 | 758.218 | 22.902 |
| 10/3/2018 16:00 | 2397600 | 758.294 | 22.971 |
| 10/3/2018 16:15 | 2398500 | 758.044 | 23.065 |
| 10/3/2018 16:30 | 2399400 | 758.002 | 23.118 |

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| 10/3/2018 16:45 | 2400300 | 758.019 | 23.167 |
| 10/3/2018 17:00 | 2401200 | 758.275 | 23.179 |
| 10/3/2018 17:15 | 2402100 | 758.216 | 23.152 |
| 10/3/2018 17:30 | 2403000 | 758.313 | 23.133 |
| 10/3/2018 17:45 | 2403900 | 758.446 | 23.081 |
| 10/3/2018 18:00 | 2404800 | 758.456 | 22.984 |
| 10/3/2018 18:15 | 2405700 | 758.285 | 22.925 |
| 10/3/2018 18:30 | 2406600 | 758.566 | 22.8 |
| 10/3/2018 18:45 | 2407500 | 758.962 | 22.713 |
| 10/3/2018 19:00 | 2408400 | 758.706 | 22.629 |
| 10/3/2018 19:15 | 2409300 | 758.813 | 22.456 |
| 10/3/2018 19:30 | 2410200 | 759.118 | 22.267 |
| 10/3/2018 19:45 | 2411100 | 759.027 | 22.027 |
| 10/3/2018 20:00 | 2412000 | 759.08 | 21.844 |
| 10/3/2018 20:15 | 2412900 | 759.465 | 21.648 |
| 10/3/2018 20:30 | 2413800 | 759.333 | 21.51 |
| 10/3/2018 20:45 | 2414700 | 759.653 | 21.39 |
| 10/3/2018 21:00 | 2415600 | 759.57 | 21.295 |
| 10/3/2018 21:15 | 2416500 | 759.584 | 21.204 |
| 10/3/2018 21:30 | 2417400 | 759.458 | 21.108 |
| 10/3/2018 21:45 | 2418300 | 759.594 | 21.045 |
| 10/3/2018 22:00 | 2419200 | 759.671 | 20.985 |
| 10/3/2018 22:15 | 2420100 | 759.94 | 20.913 |
| 10/3/2018 22:30 | 2421000 | 759.804 | 20.87 |
| 10/3/2018 22:45 | 2421900 | 760.135 | 20.81 |
| 10/3/2018 23:00 | 2422800 | 760.16 | 20.78 |
| 10/3/2018 23:15 | 2423700 | 760.259 | 20.745 |
| 10/3/2018 23:30 | 2424600 | 760.034 | 20.709 |
| 10/3/2018 23:45 | 2425500 | 760.484 | 20.636 |

APPENDIX C
Conversion of Transducer Pressure Measurements
to Groundwater Elevations



**CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS
TO GROUNDWATER ELEVATIONS**

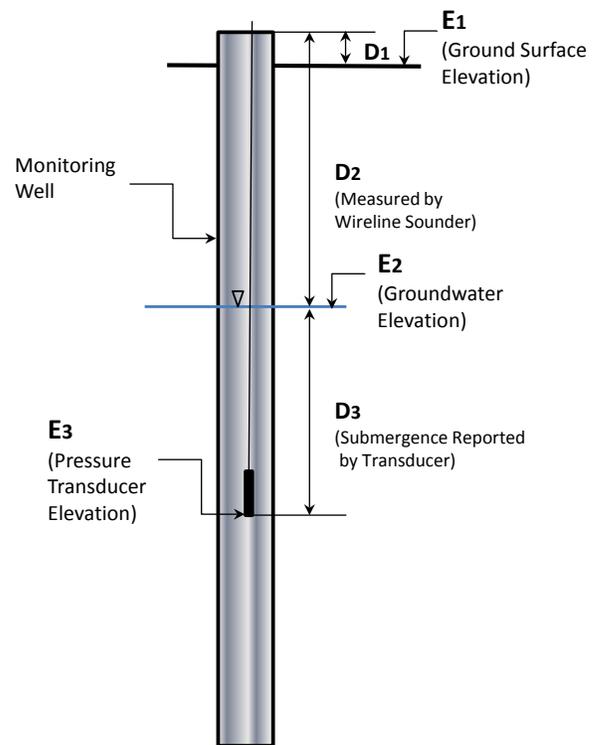
Pressure transducer readings were converted to groundwater elevation values (expressed as ft NAVD88) using the setting depth of the pressure transducer and the ground surface elevation at the monitoring well site (see inset). After initially setting a pressure transducer in the well, and after each time a transducer is removed from a well, the transducer setting depth is determined using an electrical wire line sounder (Solinst , Model 101) to establish the depth to water in the well. The transducer elevation is then determined as follows:

$$\text{Transducer Elevation (E3)} = E1 + D1 - D2 - D3$$

Once the transducer elevation has been established, groundwater elevations in ft NAVD88 are calculated from transducer submergence readings (D3) (psi converted to ft) and depth to water measurements (D2) as follows:

$$\text{Groundwater Elevation (E2)} = E3 + D3$$

MW-1, MW-3, MW-4, MW-5, Dredge Pond, and Test Slant Well reference point elevations (RP) were surveyed on 26-Mar-15. MW-6, MW-7, MW-8, MW-9, and CEMEX North Well RPs were surveyed on 1-Oct-15 and are summarized in Table 1. All elevations are in ft NAVD88 including RP and ground surface elevations. CEMEX South Well, and MRWPCA’s Well No. 1 and Well No. 2 ground surface elevations were estimated using Google Earth (see Table 1).



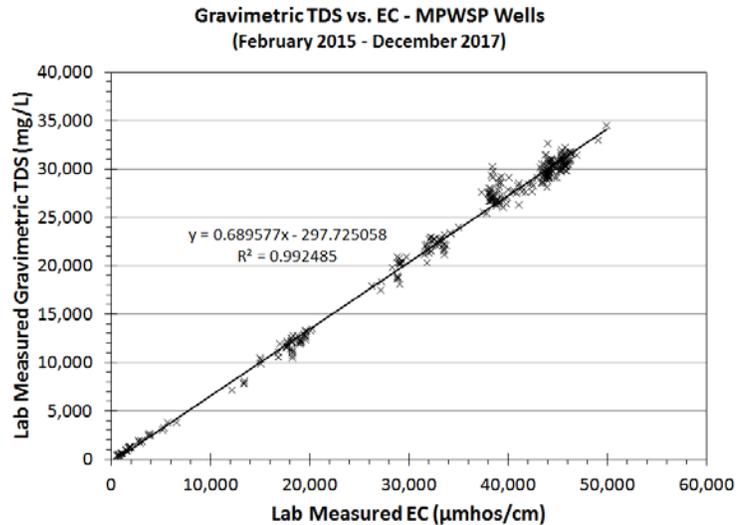
APPENDIX D

**Estimating Total Dissolved Solids from
Electrical Conductivity (EC) Measurements**



ESTIMATING TOTAL DISSOLVED SOLIDS FROM ELECTRICAL CONDUCTIVITY (EC) MEASUREMENTS

Estimation of TDS from EC utilizes a conversion factor that is specific to a given water chemistry. Based on the normalized EC value (corrected to 25° C), an EC conversion factor may be used to estimate TDS from the product of the temperature-corrected EC value and the TDS:EC correction factor. The factor is calculated by dividing the laboratory measured EC by the laboratory measured TDS using the gravimetric calculated TDS. Accuracy of the TDS:EC conversion factor is improved through collection of ongoing direct measurements of TDS in



groundwater samples using laboratory gravimetric methods. A plot of well specific laboratory measured EC versus TDS from 323 sampling events (from the Test Slant Well and network monitoring wells) collected between February 2015 and December 2017 shows a linear relationship (see inset). The equation of which may be used as a general estimate of TDS from measured EC.

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