# MONTEREY PENINSULA WATER SUPPLY PROJECT

## Test Slant Well Long Term Pumping Monitoring Report No. 88

4-January-17 - 11-January-17

Coastal Development Permit #A-3-MRA-14-0050 and
Amendment No. A-3-MRA-14-0050-A1

**January 17, 2017**

PREPARED FOR:
California American Water

CALIFORNIA AMERICAN WATER

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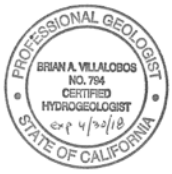


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Note: As they become available additional Appendices, each to include weekly instrument data, will be posted to:

www.watersupplyproject.org

# MONTEREY PENINSULA
# WATER SUPPLY PROJECT

## TEST SLANT WELL LONG TERM PUMPING MONITORING REPORT NO. 88
## 4-JANUARY-17 - 11-JANUARY-17

## 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 requires 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).

### 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 has been 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 which are being monitored or are planned to be monitored for water level and salinity: 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 already constructed, planned and existing groundwater monitoring wells, a stilling well installed at the north end of CEMEX's dredge pond (CP-1) is also being monitored. The transducer installed in the dredge pond was buried in sand due to winter storms surges in December 2015. Upon CEMEX's request a replacement stilling well and transducer were installed in the dredge pond in July 2016. Data will be included in Figures 2-10 and 3-10 as soon as survey elevations become available.

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

### 1.3 Baseline Water Level and Water Quality Weekly Monitoring Reports

Weekly reports containing baseline water levels and water quality data have been uploaded to the CalAm project website. A total of seven weekly reports were uploaded providing baseline data for the period: February 19, 2015 through April 22, 2015. Monitoring Reports No. 1 through No. 7 provide baseline data collected prior to initiation of the long-term pumping test.

### 1.4 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

### 1.5 Test Slant Well Long Term Pumping Test Monitoring Reports

This report is part of the second set of weekly monitoring reports required by Coastal Development Permit #A-3-MRA-14-0050 for the Test Slant Well project, providing water level and water quality data from the project monitoring wells. Figure 1-1 shows the location of the monitoring wells. The long-term pumping test of the Test Slant Well commenced on April 22, 2015.

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). This report summarizes monitoring performed for the period 4-January-17 through 11-January-17 and is presented with data collected since the start of the long term pumping test. One week of transducer data has been included in Appendix B. Each subsequent weekly report will provide an additional seven days of data.

### 1.5.1 Interruption of Pumping Due to Power Outages

On January 19, 2016 at 11:10 am, the Test Slant Well unexpectedly stopped pumping due to a Pacific Gas & Electric Company (PG&E) low voltage issue in the immediate area. The outage was later resolved and the Test Slant Well was turned on approximately 22 hours later on January 20, 2016 at 8:51 am. The pump unexpectedly turned off again due to PG&E power interruptions on January 22, 2016 at 11:53 pm for 35 hours, January 30, 2016 at 2:50 am for 8 hours, January 31, 2016 at 3:29 pm for 20 hours, and February 12, 2016 at 2:43 am for 8 hours. The pump was turned off for 29 hours on March 1, 2016 for discharge line repairs. On March 4, 2016 at 10:10 am the pump was again turned off for discharge line repairs. Pumping resumed on May 2, 2016 at 1:22 pm. On May 17, 2016 at 11:59 pm and May 25, 2016 at 1:28 pm the pump turned off due to PG&E power interruptions and pumping resumed 15 hours and 4 hours later, respectively. Power interruptions also occurred on June 3, 2016 at 7:45 am, July 8, 2016 at 6:12 am, and July 14, 2016 at 10:21 am, where the well was off for approximately 1 hour each day. The pump was off for 80 hours beginning on August 13, 2016 at 11:32 am and for 46 hours on October 3, 2016 at 7:55 pm due to PG&E power interruptions. The Test Slant Well pump shut off again on December 24, 2016 at 9:18 am due to another power interruption. The well remained off for 18 days as a precaution during recent storm events. During this time maintenance of the test slant well temporary discharge line has been performed. Pumping resumed on January 11, 2017 at 9:23 am.

## 1.6 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 has been collected weekly on average while the well is in operation and is presented in Table 2.

## 1.7 Format of Report

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 each weekly monitoring report. 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). Figure 2-9 shows groundwater elevations for existing well MRWPCA Well 1. Monitoring of MRWPCA Well 1 ceased due to the pressure transducer failing and the decision to not replace it due to an abundance of well motor lubricant oil in the well. Figures 3-1 through 3-8 show corresponding graphical plots of the specific conductivity for the above-mentioned wells. Figure 2-10 and 3-10 are water levels and specific conductivity for the CEMEX dredge pond, respectively. The dredge pond was

breached by the ocean on October 28, 2015 allowing only six more weeks of data before the transducer could not be found. Figure 2-11 and 3-11 are plots of water level elevation and specific conductivity for the CEMEX North Well and Figures 2-12 and 3-12 are water levels and specific conductivity, respectively, for the Test Slant Well.

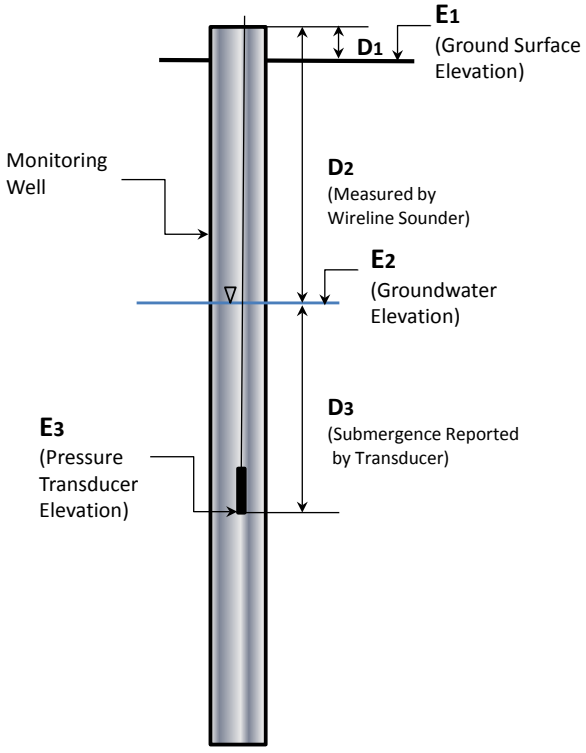
CEMEX's North Well collapsed on November 13, 2015. Monitoring of the North Well continued after the collapse for 15 weeks to evaluate whether water levels would equilibrate. Consistent shallow groundwater measurements indicate that the well screen is blocked and water levels in the well are no longer representative of the aquifer conditions. Therefore, water level measurements will no longer be collected in the CEMEX North Well.

In compliance with CDP #A-3-MRA-14-0050, the Test Slant Well Long Term Pumping Monitoring Report No. 88 (this report), is the eighty-eighth of the weekly long-term pumping monitoring reports and follows the weekly baseline monitoring reports, the last of which ended on 22-Apr-15 (Baseline Monitoring Report No. 7[1]).

## 2.0 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:

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



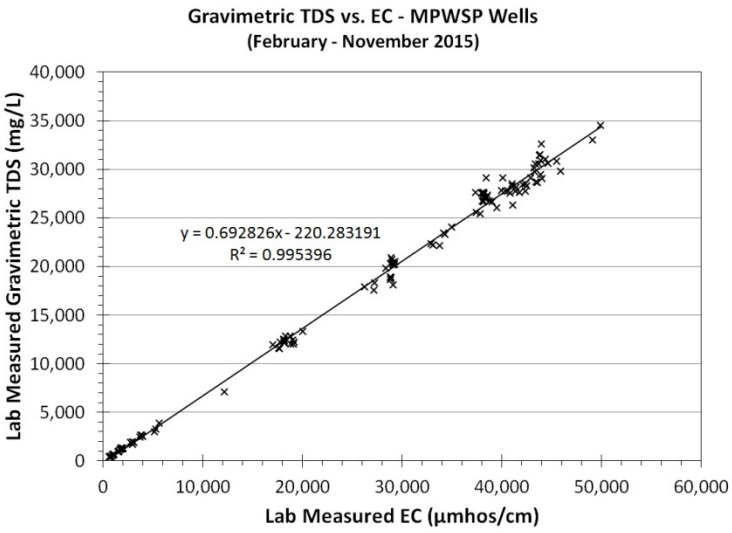

[1] Note: The last of the baseline monitoring reports (Monitoring Report No. 7) covered a five day period (17-22 Apr-15 as the long-term pumping began on 22-Apr-15).

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:

$$Groundwater\ Elevation\ (E2) = E3 + D3$$

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).

## 3.0 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 on-going direct measurements of TDS in groundwater samples using laboratory gravimetric methods. A plot of well specific laboratory measured EC versus TDS from 133 sampling events (from the Test Slant Well and network monitoring wells) collected between February and November 2015 shows a linear relationship (see inset). The equation of which may be used as a general estimate of TDS from measured EC.

### 3.1 Additional Monitoring Methods

The baseline water level and water quality data indicated that the water quality in the aquifers at MW-3 and MW-4 series show vertical stratification. Therefore, direct correlation between laboratory samples

collected by pumping the monitoring wells and conductivity data cannot be made since the pumped samples represent a mixing of waters from the entire screen interval and the transducer records conductivity from a single depth.

To evaluate conductivity data in the MW-4 series, regular groundwater samples are being collected by pumping and compared to previous samples collected by pumping. During the long term test, weekly samples have been collected at the Test Slant Well and MW-4 through May 27, 2015, while the remaining monitoring wells were sampled monthly. Monthly water quality samples from all well sites were then collected through July 29, 2015. Following restart of the TSW pump, sample collection from the TSW has resumed. Results of the TSW analyses can be found in Table 2.

Data collected from transducers will continue to be plotted. Where no transducers were present, specific conductivity data was collected using a hand-held electrical conductance meter (MW-5 & MW-6). MW-3 series and MW-4 series are the closest inland wells from the Test Slant Well (see Figure 1-1) and show a vertical stratification of water quality.

## FIGURES

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Drawn By: DB Projection: State Plane 1983, Zone IV.

W:\GIS_proj\mcwsp_cal_am\tbl_wl_monitoring\Long-Term_Monitoring_Rpt_No88_1-17\71_Fig_1-1_MonWells_1-17-17.mxd

17-Jan-17

Pacific Ocean

Nashua Rd

Monte Rd

MW-9

MW-8

MW-5

Stilling Well

CEMEX Site

MW-1

MW-3

MW-4

Test Slant Well

CEMEX Wells

MW-7

Del Monte Blvd

Charles Benson Rd

Lapis Rd

Monterey Peninsula Landfill

MRWPCA Wells

Salinas River

McFadden Rd

Cooper Rd

W Blanco Rd

MW-6

Reservation Rd

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

CEMEX Inset

Stilling Well

CEMEX Dredge Pond

MW-1D

MW-1M

MW-1S

Test Slant Well

MW-3S

MW-3M

MW-3D

MW-4D

MW-4M

MW-4S

CEMEX North Well

CEMEX South Well

0 500 1,000 Feet

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Figure Boundary

Santa Cruz Co.

Santa Clara Co.

San Benito Co.

Monterey Co.

Hollister

Castroville

Marina

Salinas

Seaside

Monterey

Pacific Ocean

Monterey Bay

0 10 20 Miles

EXPLANATION

- Monitoring Well Cluster
- Compliance Monitoring Well Cluster
- Inactive Production Well
- CEMEX Well - Inactive (Monitored)
- CEMEX Well - Active (Not Monitored)
- Stilling Well
- Test Slant Well

N

0 3,000 6,000 Feet

**MPWSP GROUNDWATER MONITORING NETWORK**

**CALIFORNIA AMERICAN WATER**

MONTEREY PENINSULA WATER SUPPLY PROJECT

**FIGURE 1**

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# Groundwater Elevation in MPWSP MW-1

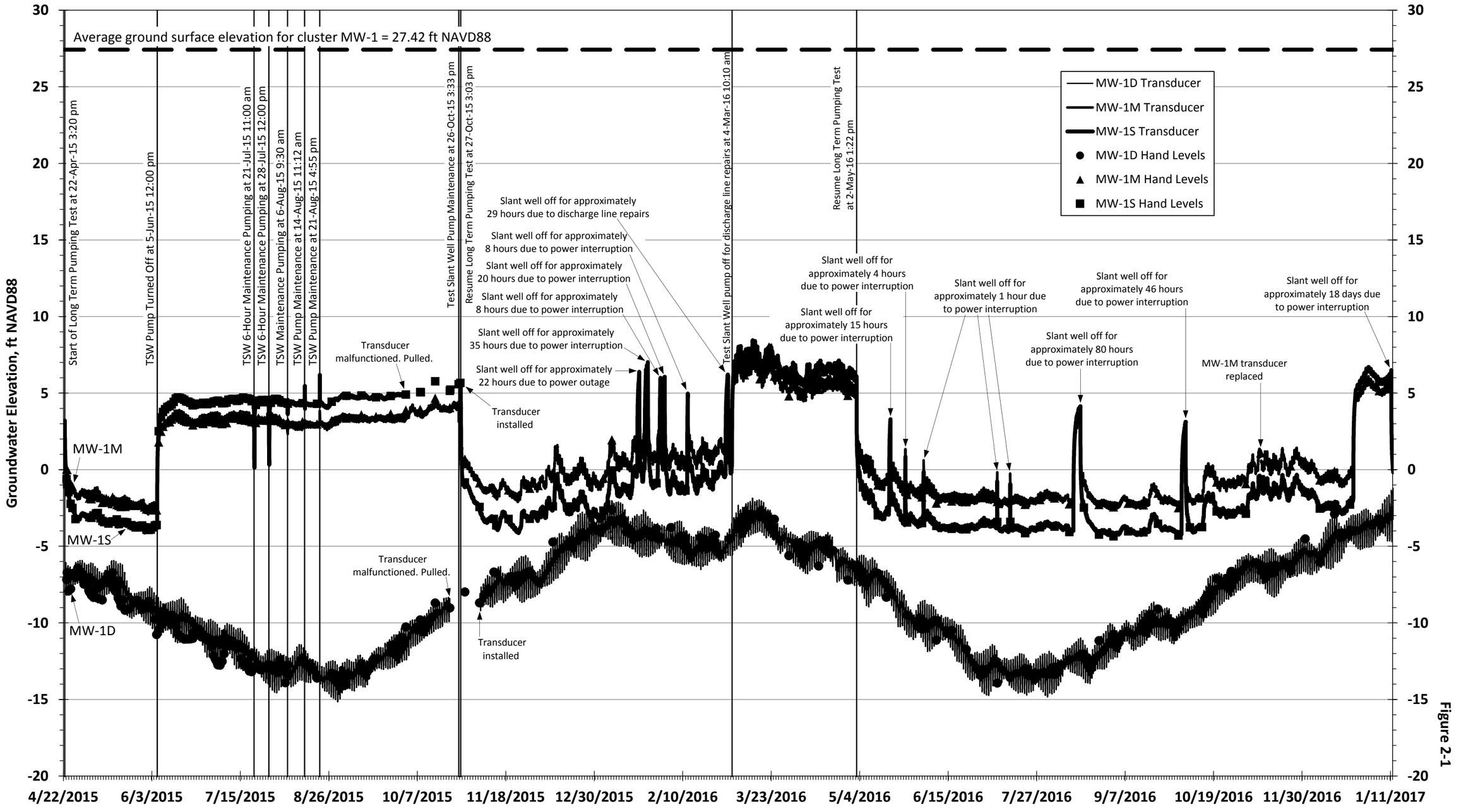


Figure 2-1

# Groundwater Elevation in MPWSP MW-3

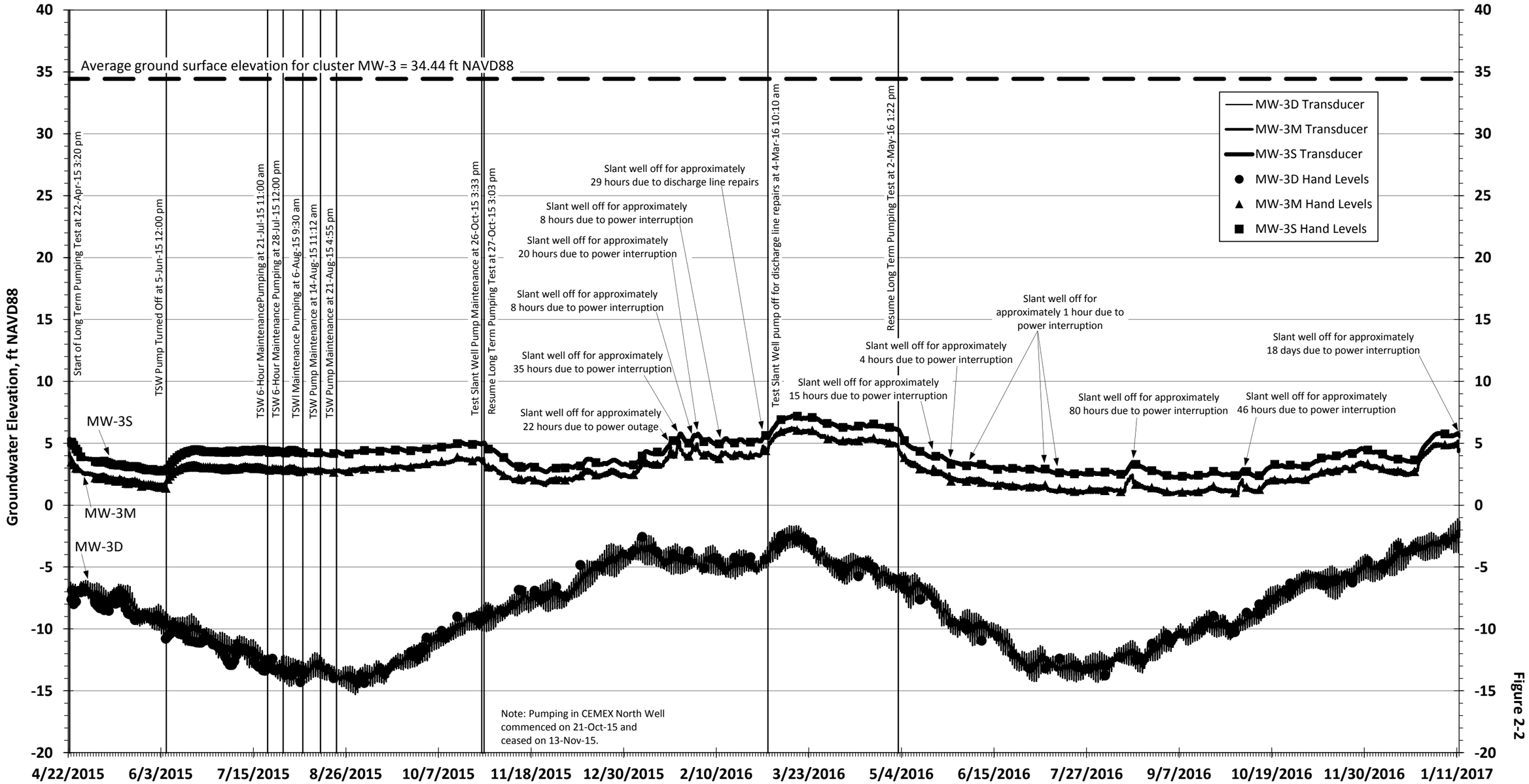


Figure 2-2

# Groundwater Elevation in MPWSP MW-4

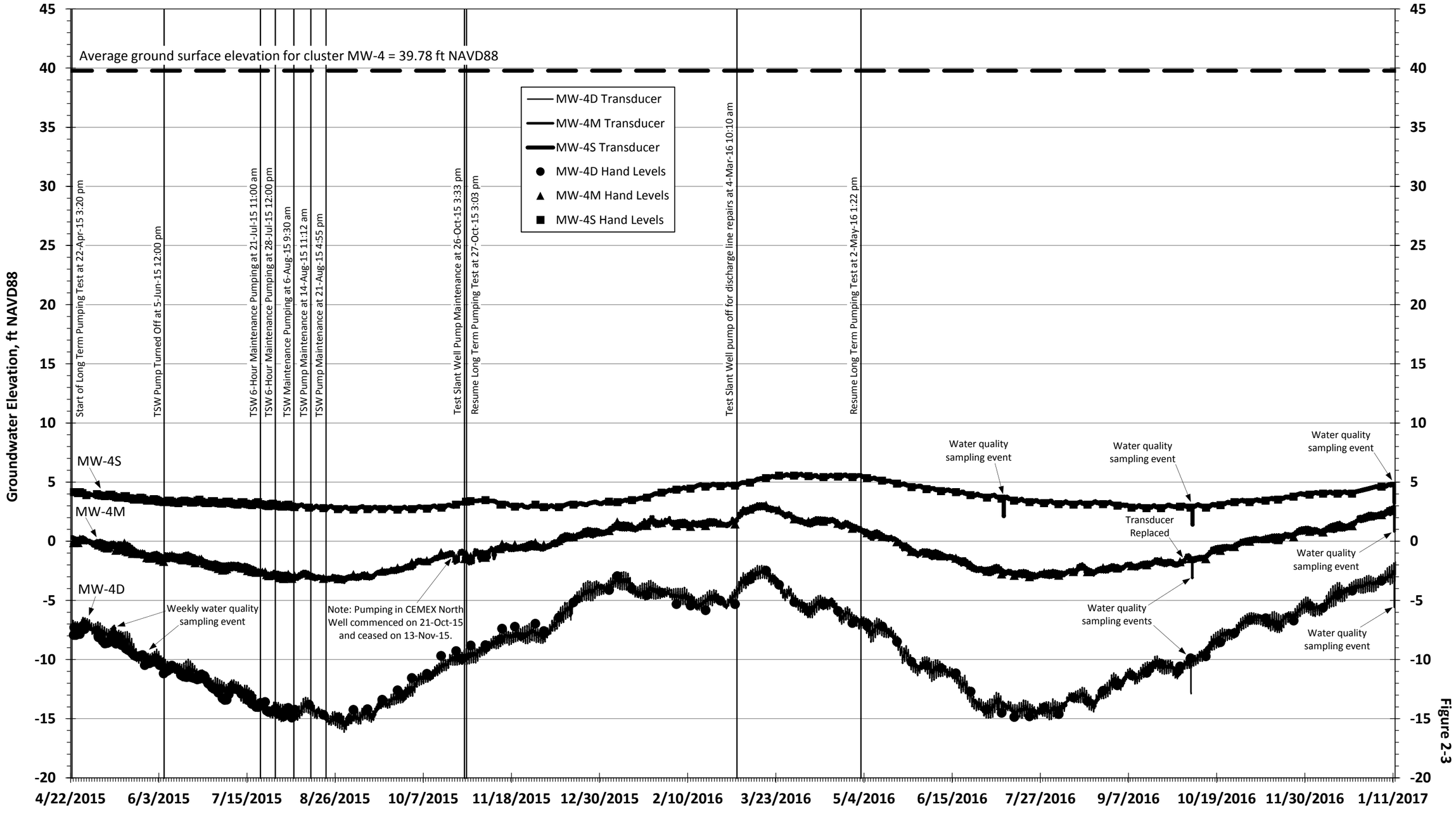


Figure 2-3

# Groundwater Elevation in MPWSP MW-5

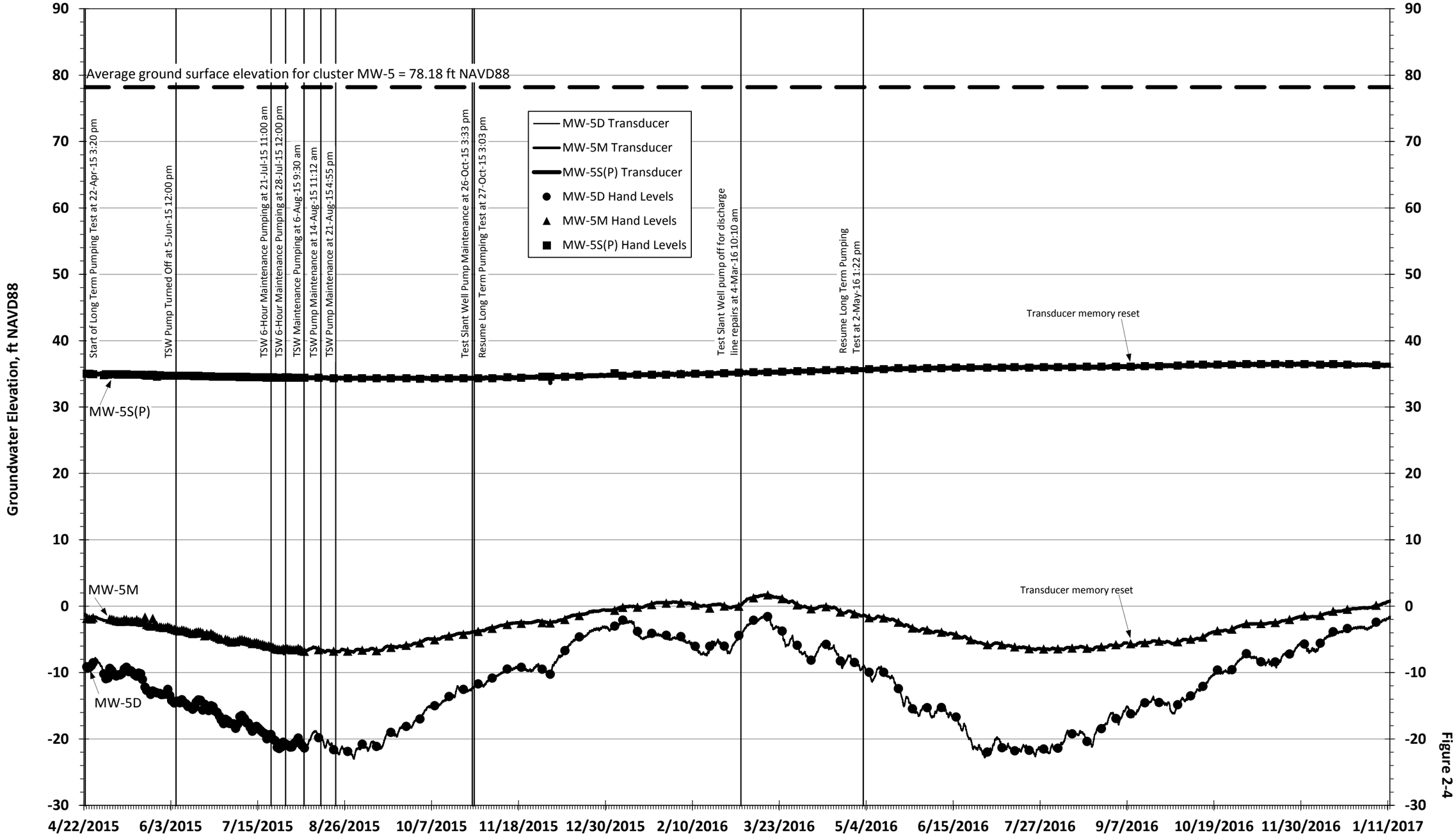


Figure 2-4

# Groundwater Elevation in MPWSP MW-6

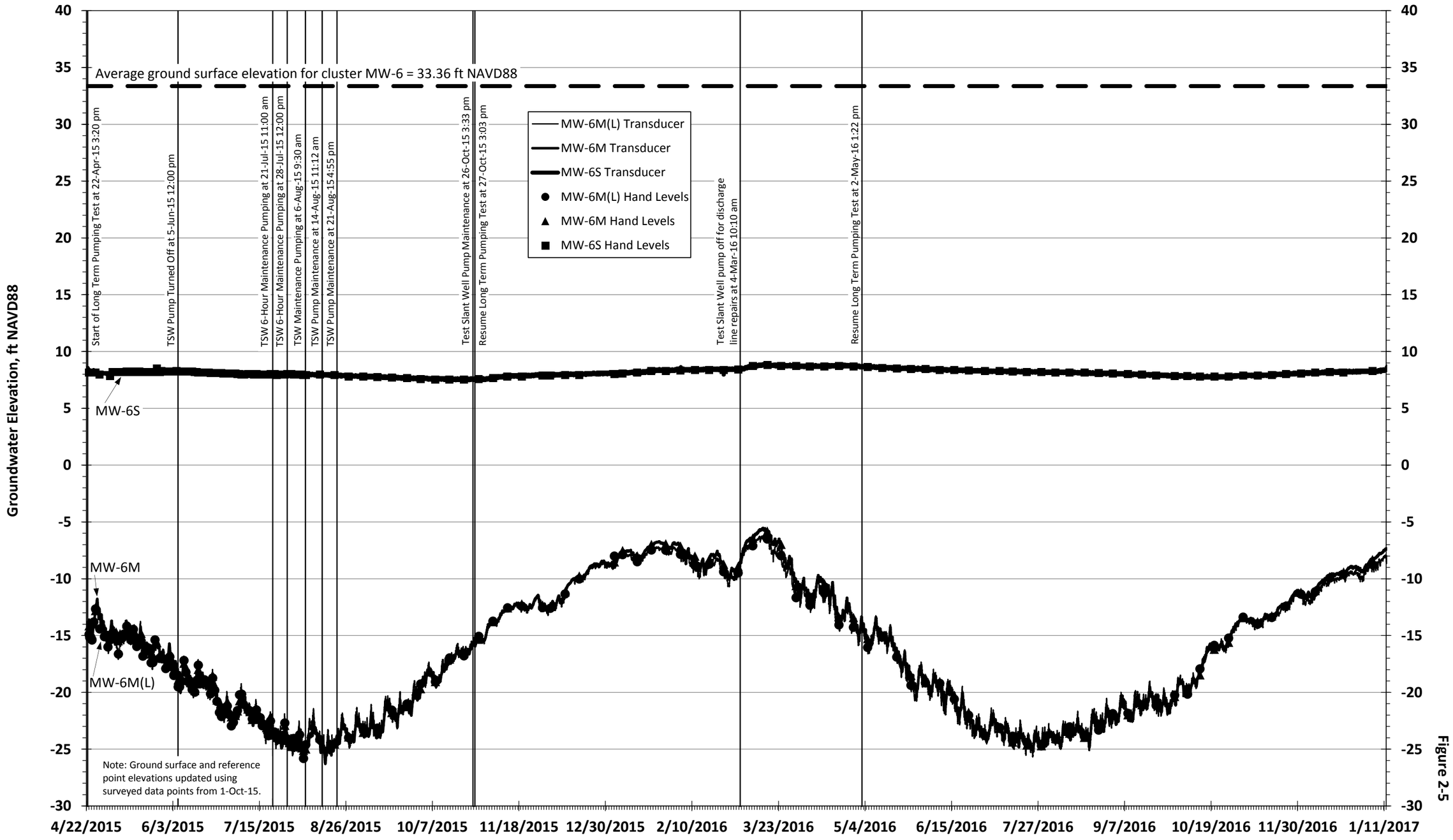


Figure 2-5

# Groundwater Elevation in MPWSP MW-7

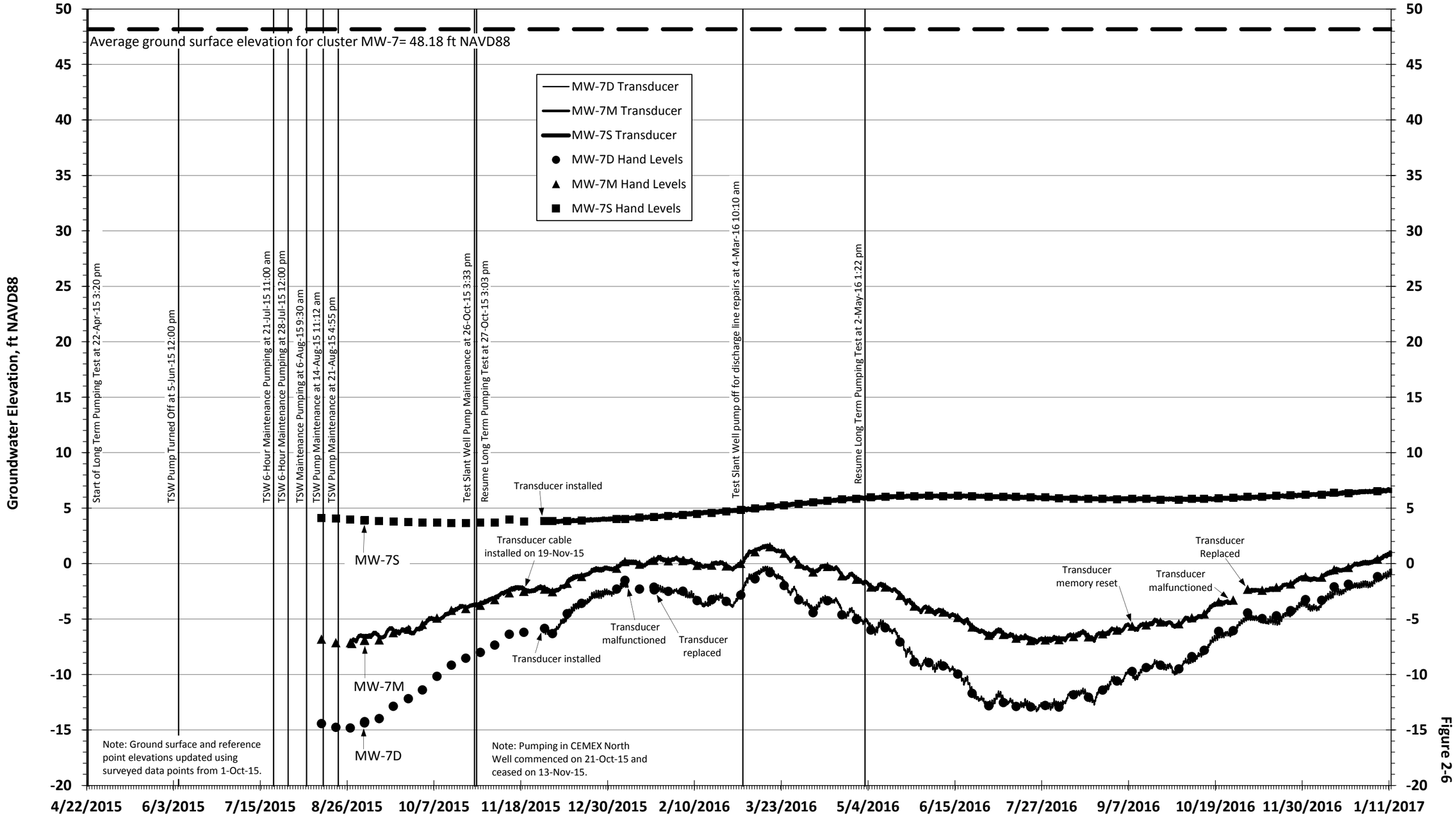


Figure 2-6

# Groundwater Elevation in MPWSP MW-8

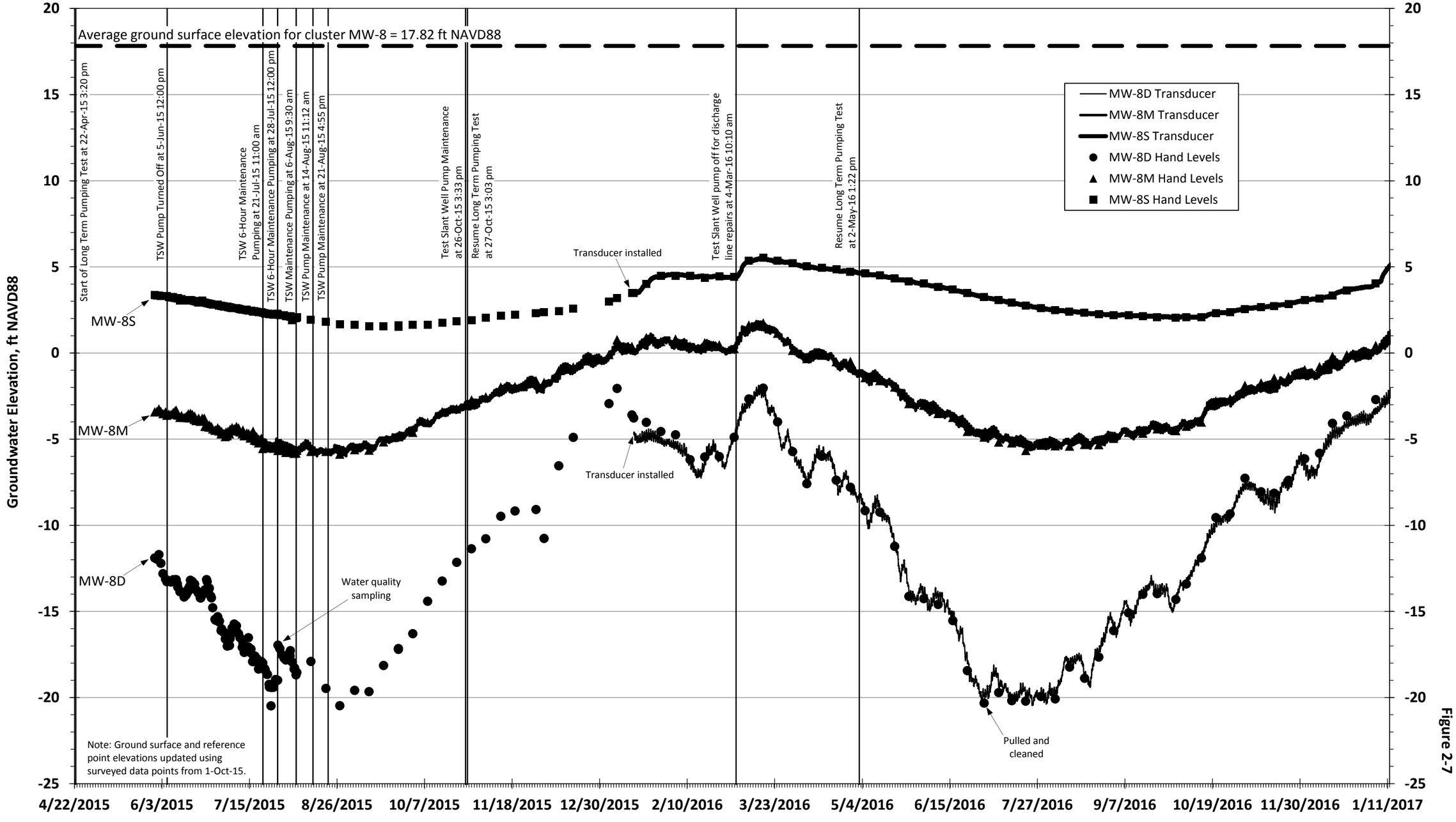


Figure 2-7

# Groundwater Elevation in MPWSP MW-9

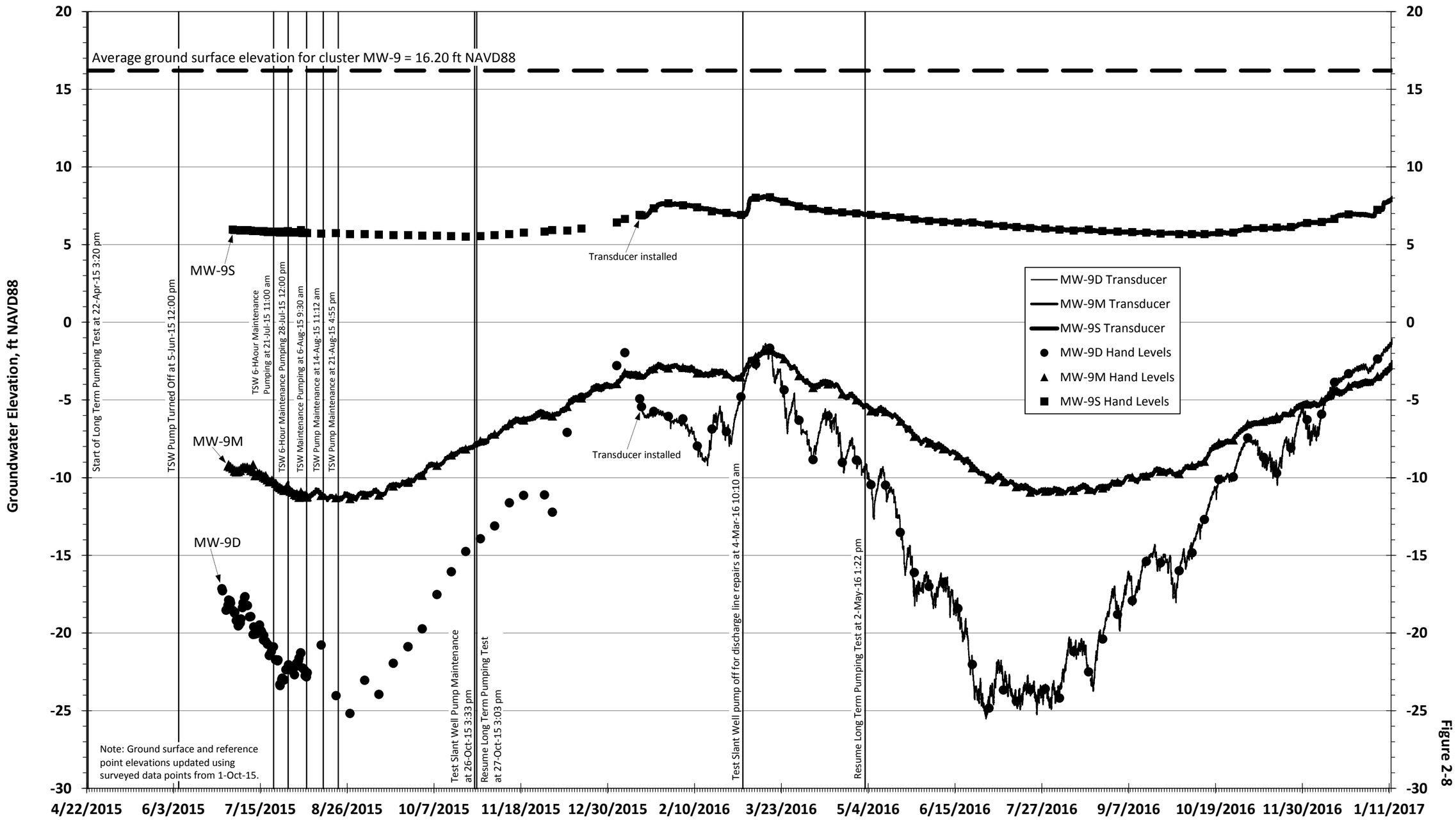


Figure 2-8

# Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

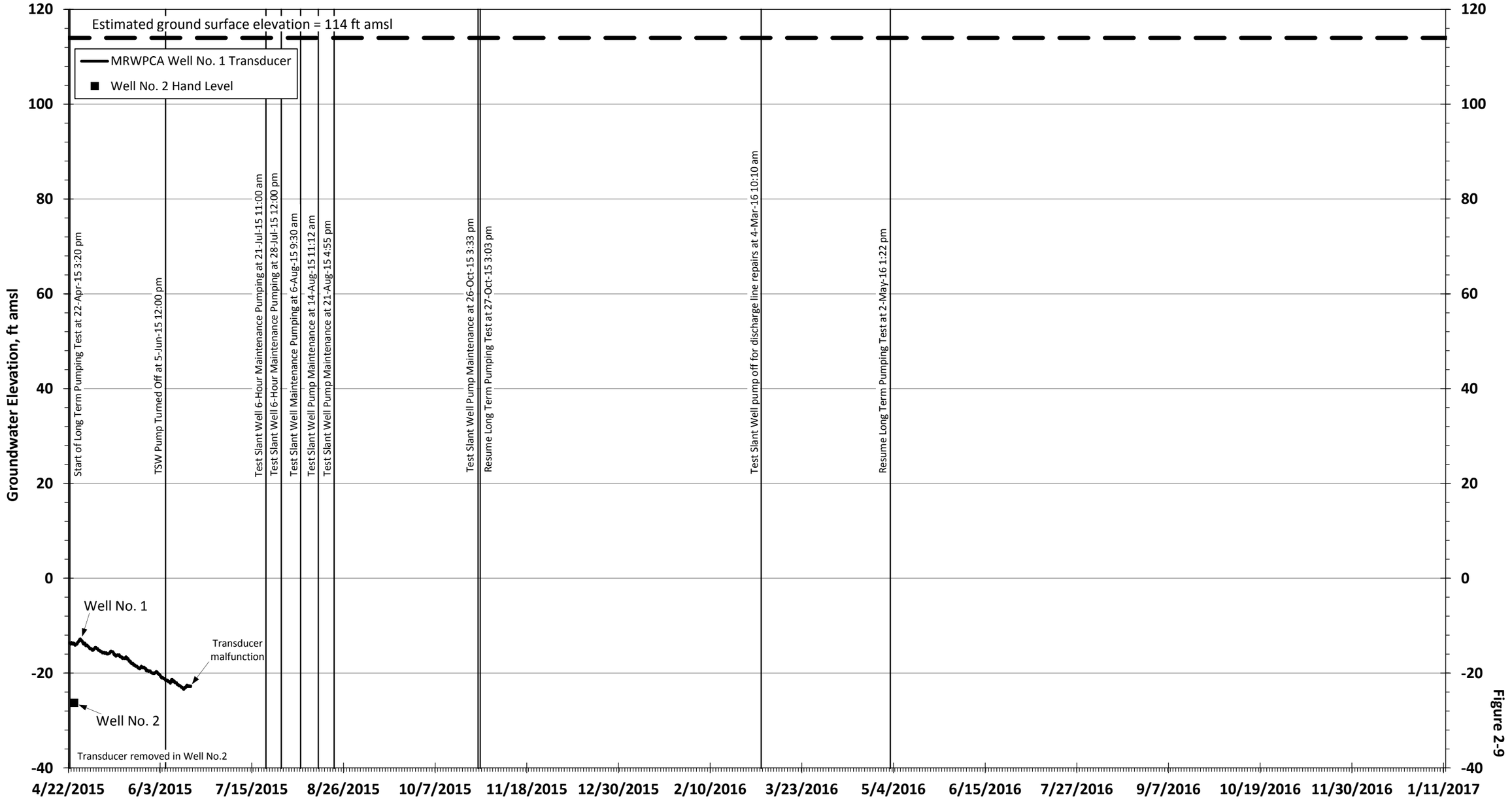


Figure 2-9

# Surface Water Elevation in CEMEX Dredge Pond

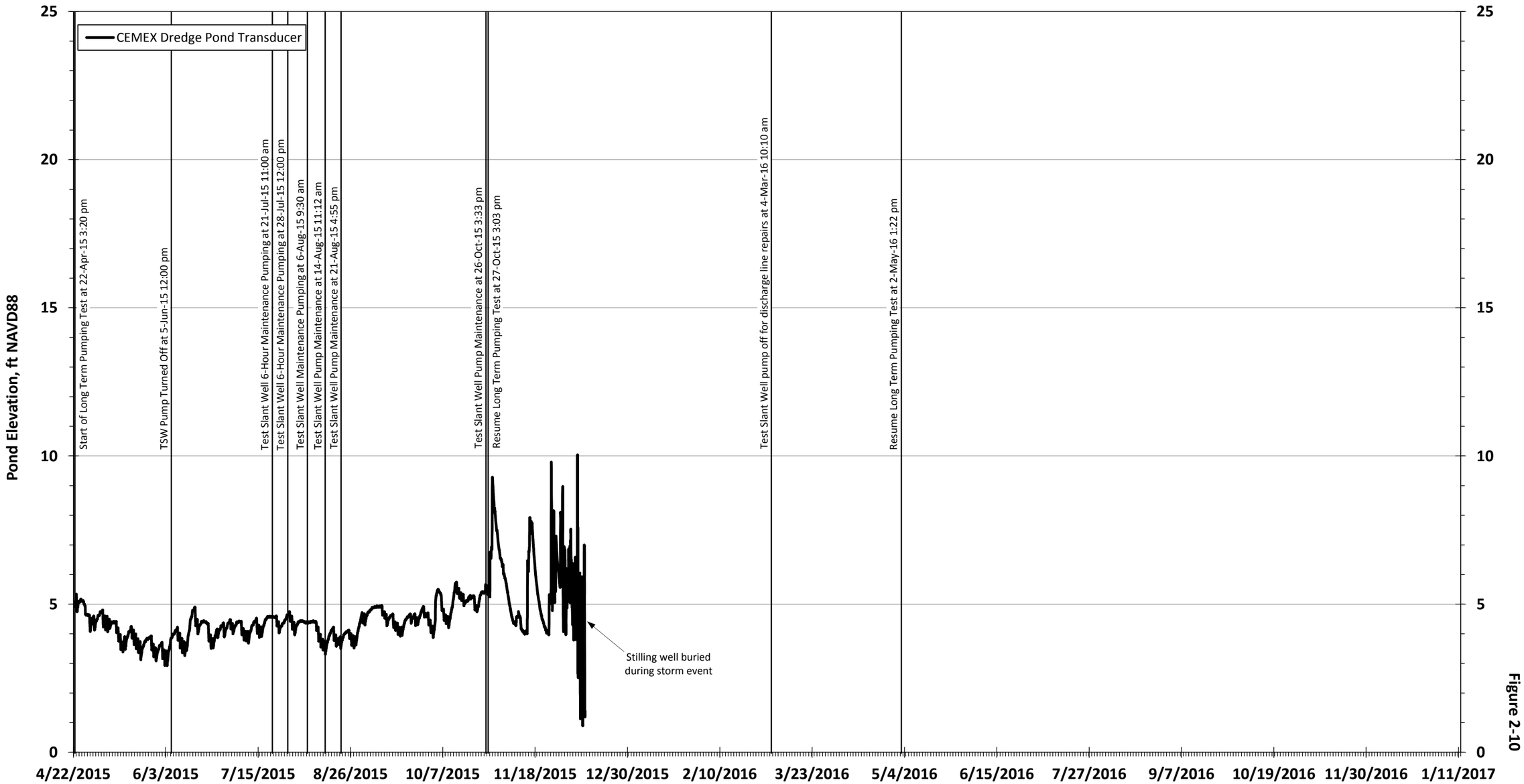


Figure 2-10

# Groundwater Elevation in CEMEX North Well

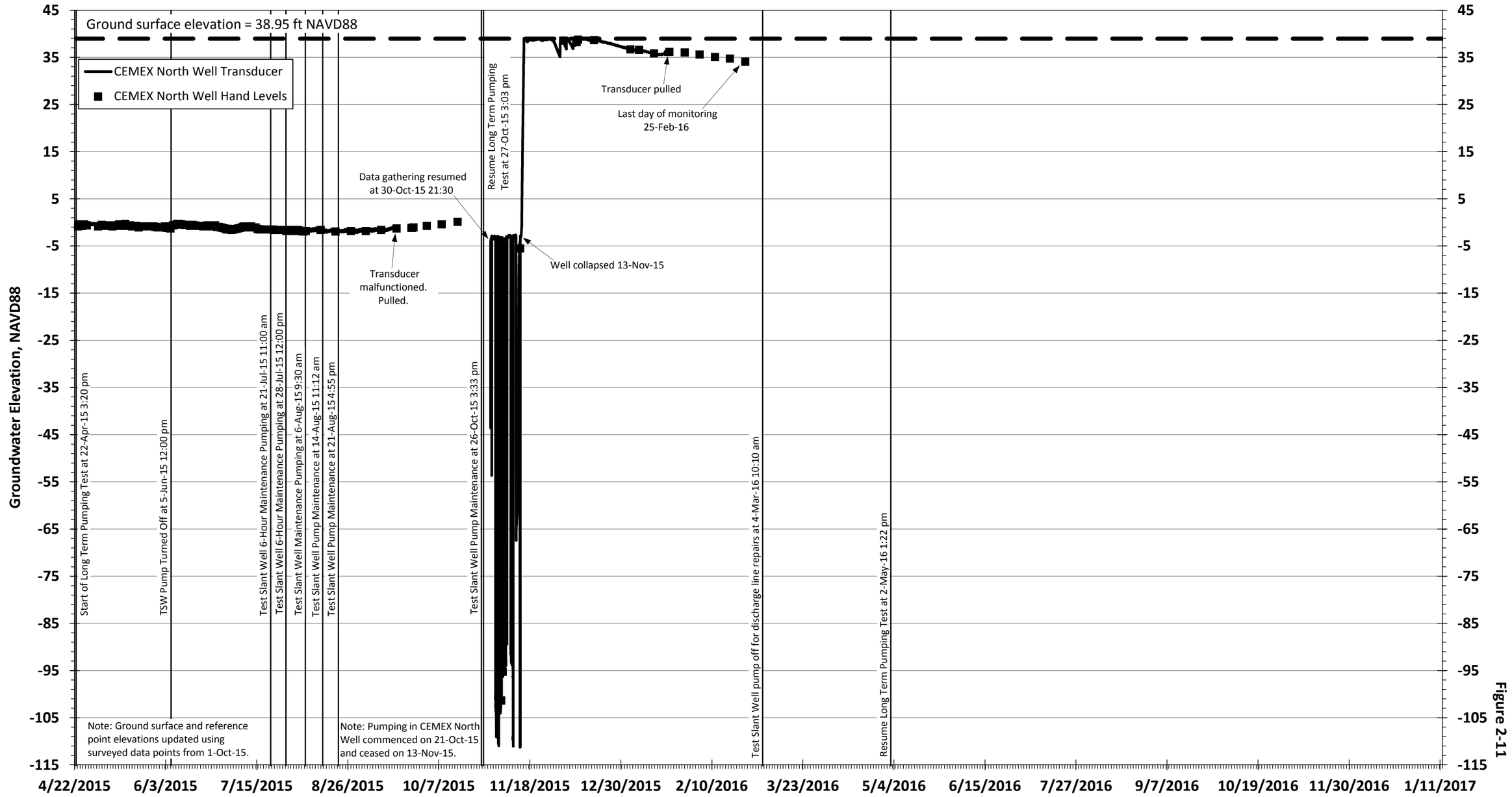


Figure 2-11

# Groundwater Elevation in MPWSP Test Slant Well

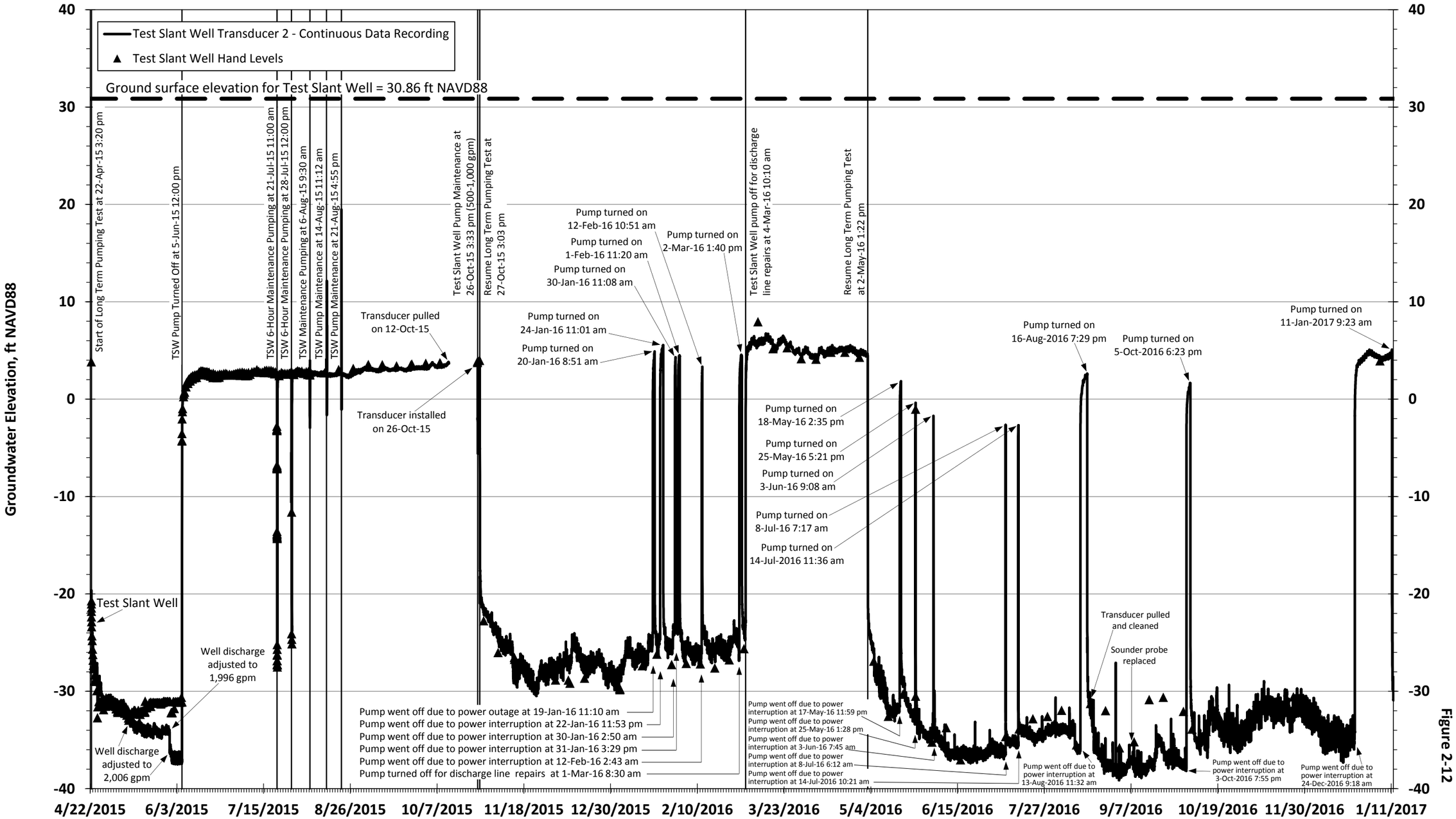


Figure 2-12

# Specific Conductivity in MPWSP MW-1

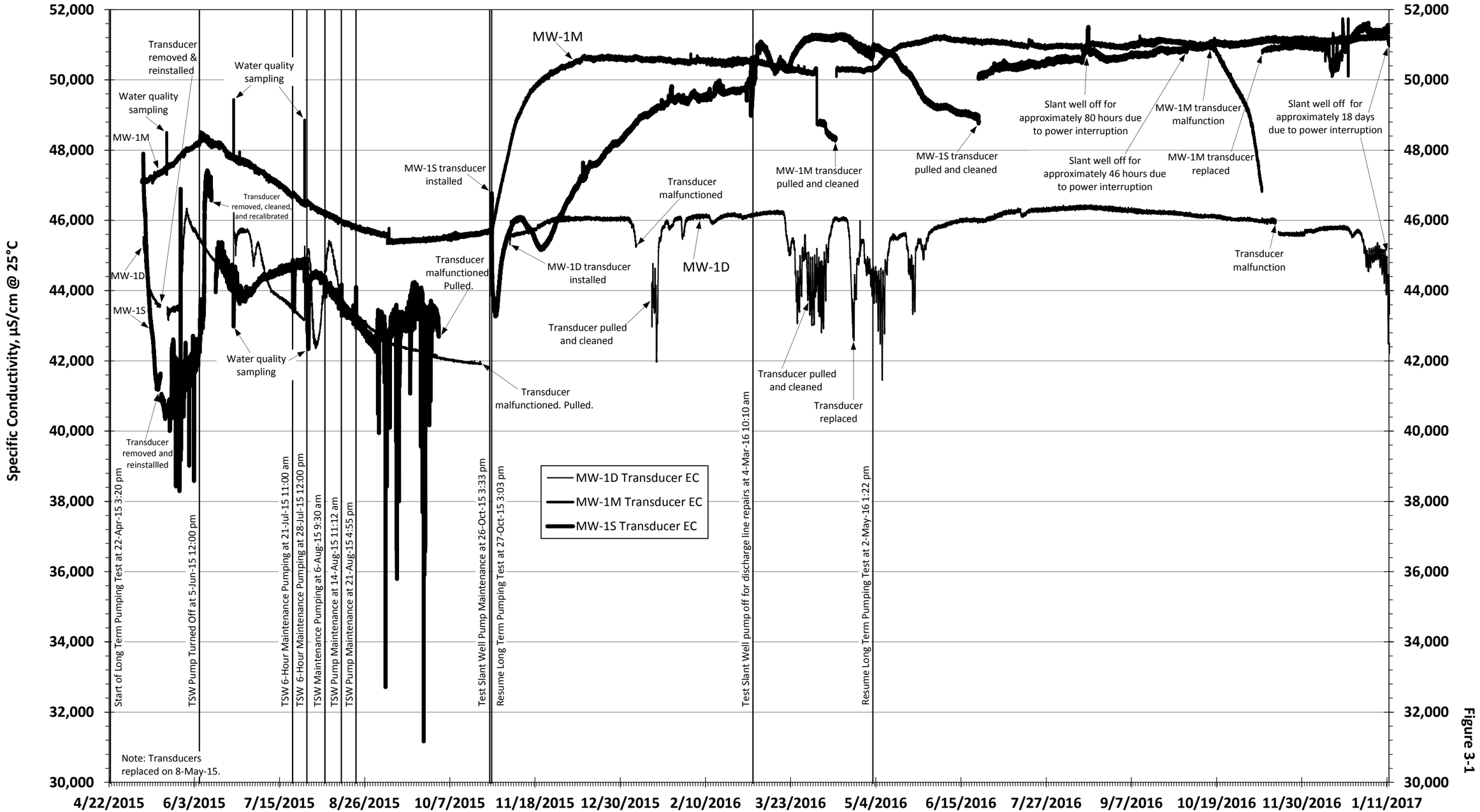


Figure 3-1

# Specific Conductivity in MPWSP MW-3

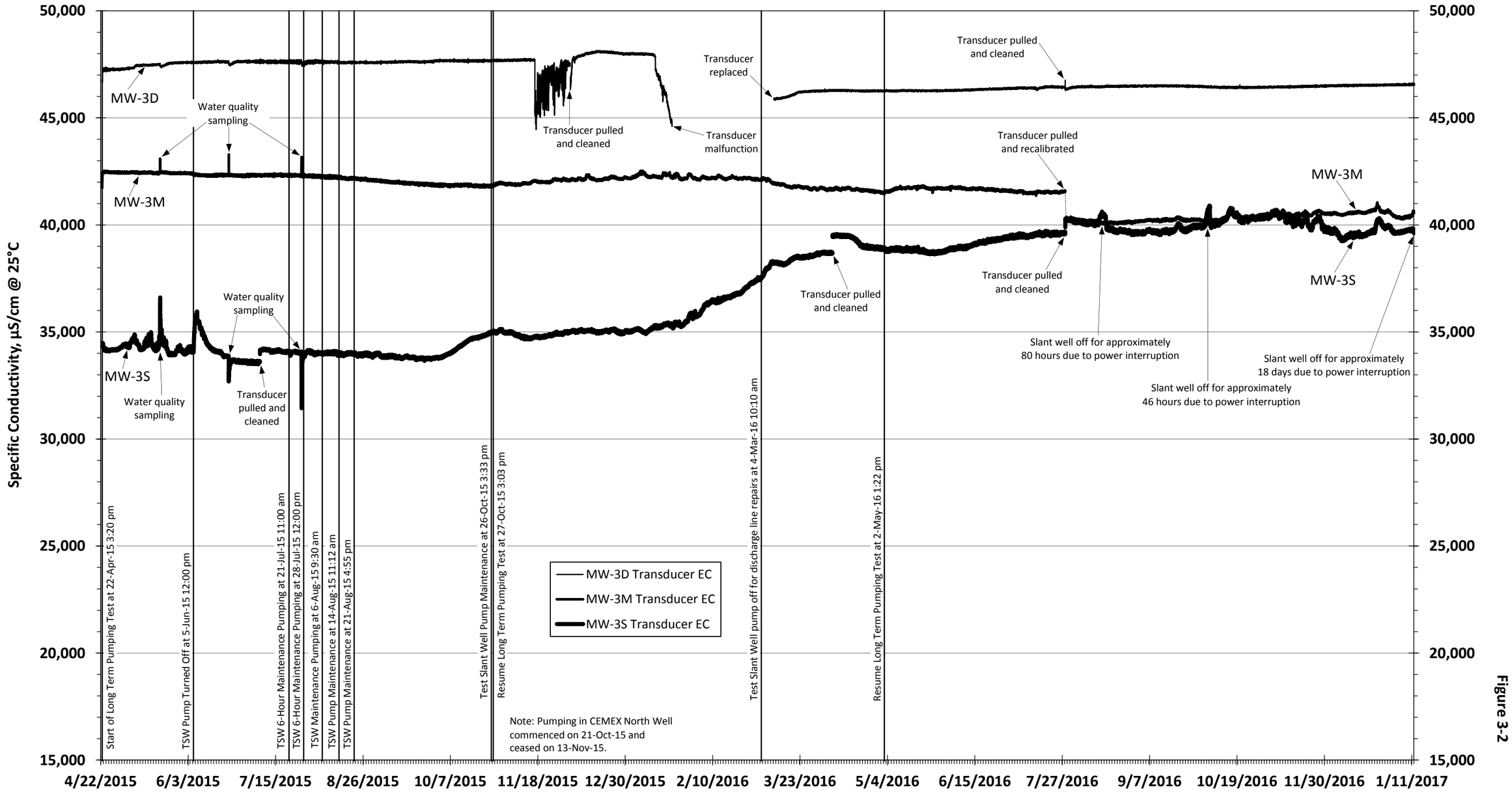


Figure 3-2

# Specific Conductivity in MPWSP MW-4

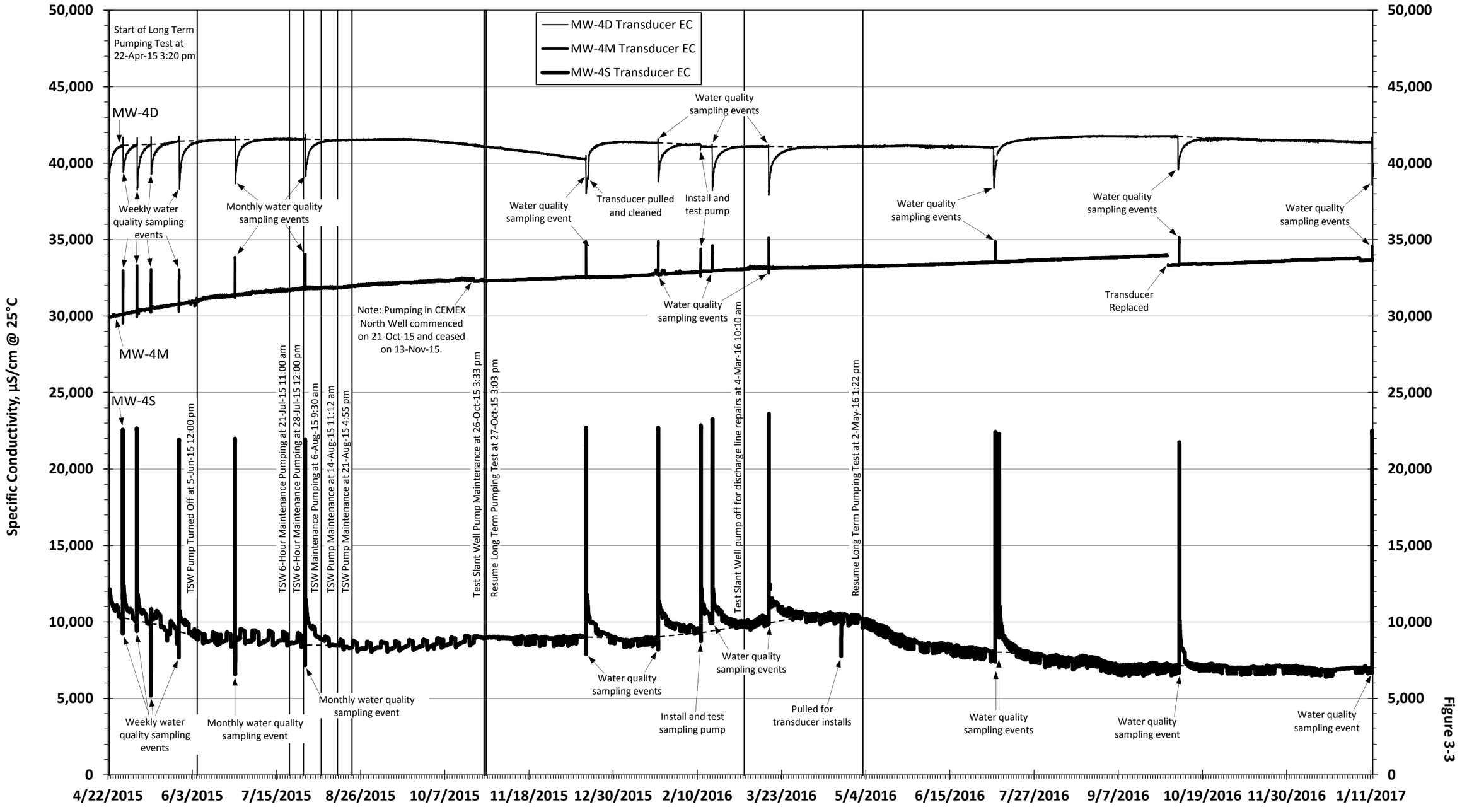


Figure 3-3

# Specific Conductivity in MPWSP MW-5

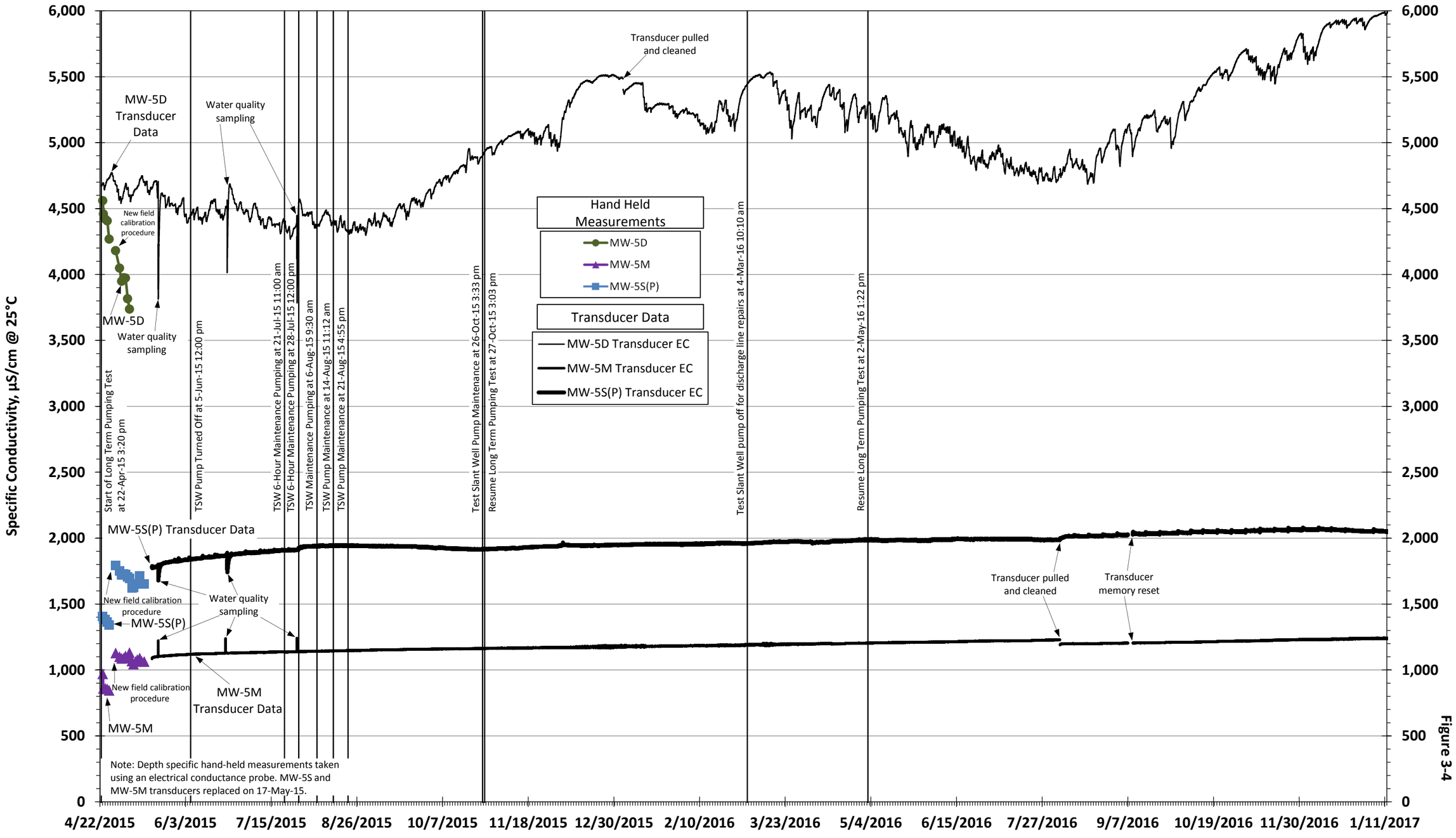


Figure 3-4

# Specific Conductivity in MPWSP MW-6

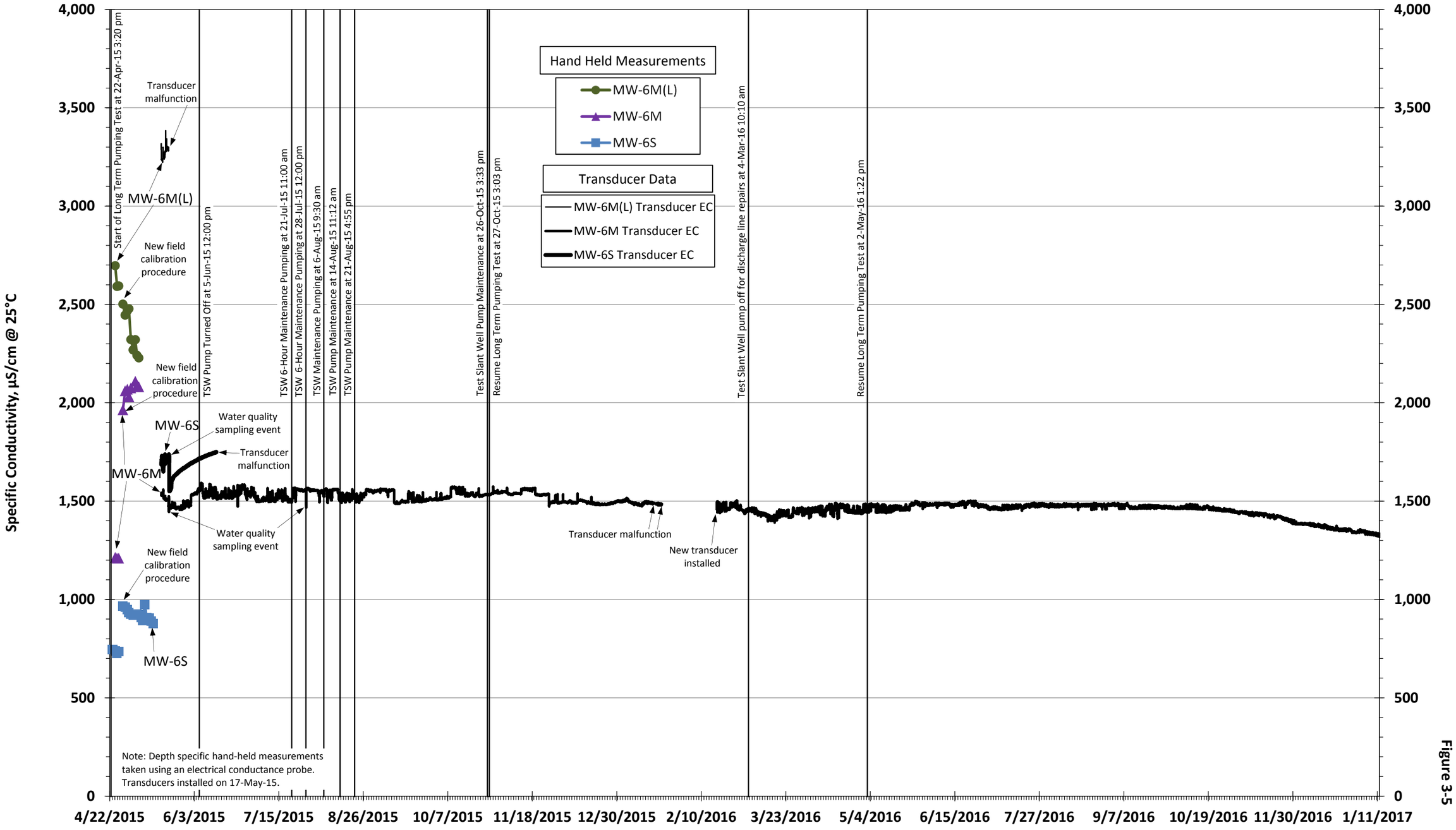


Figure 3-5

# Specific Conductivity in MPWSP MW-7

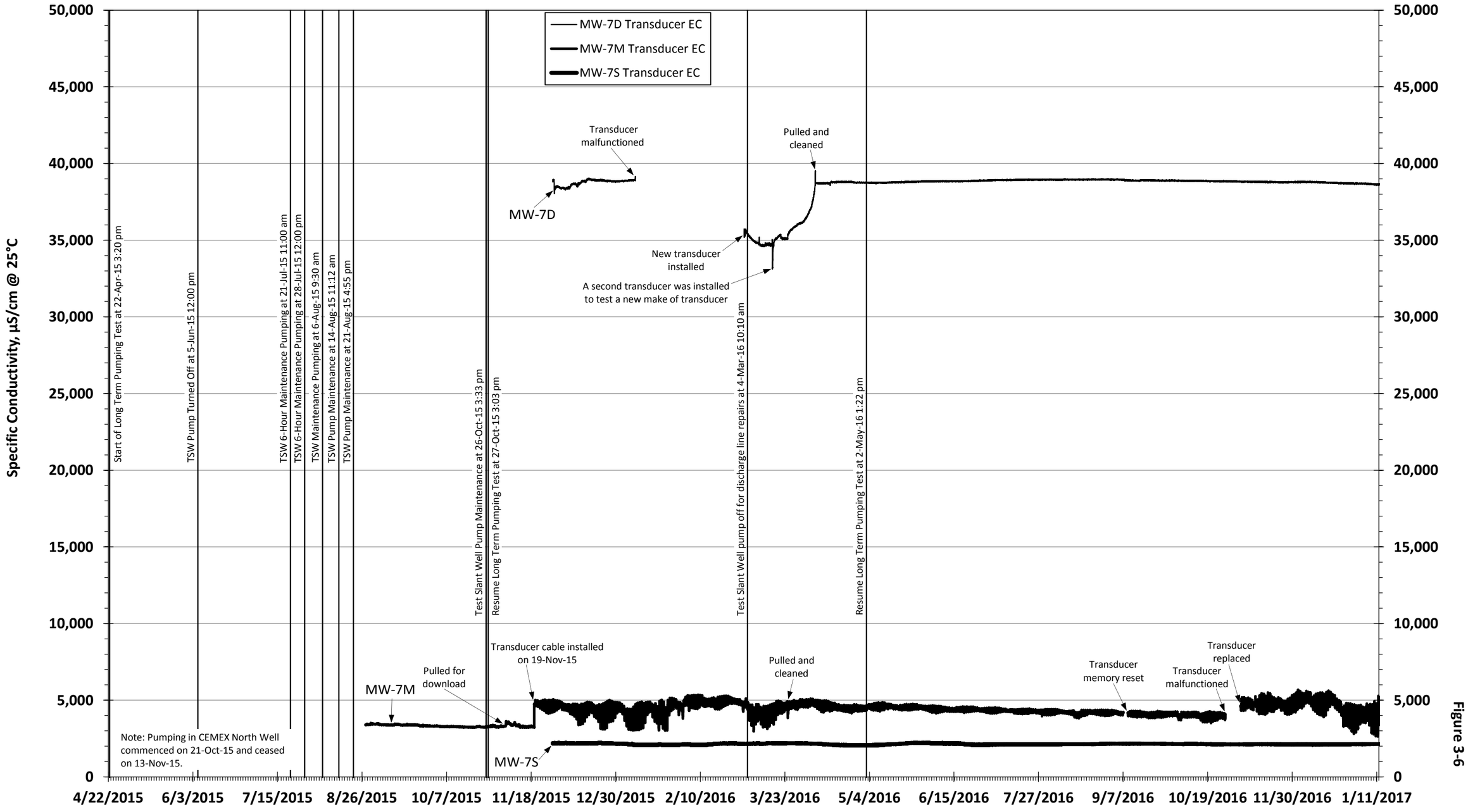


Figure 3-6

# Specific Conductivity in MPWSP MW-8

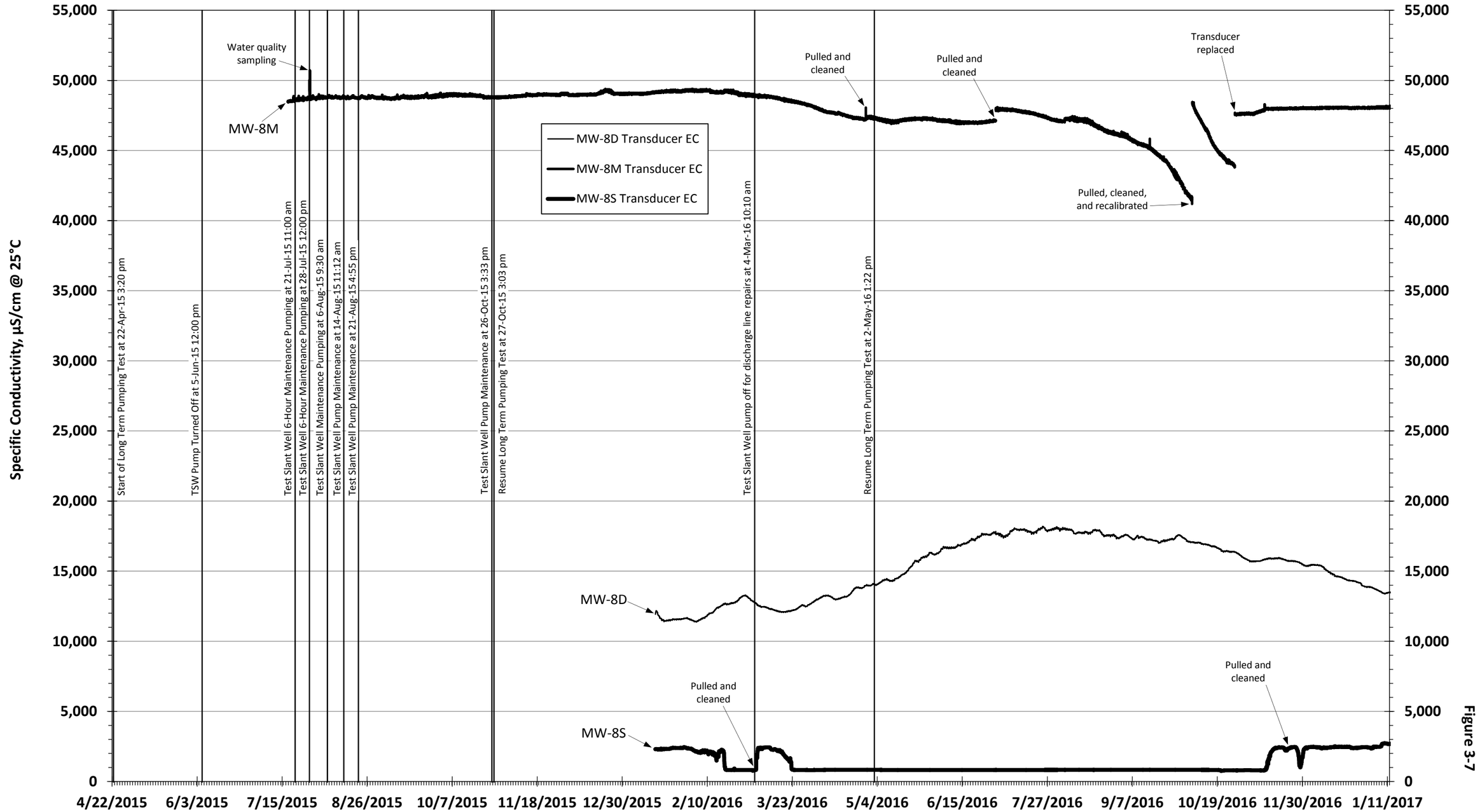


Figure 3-7

# Specific Conductivity in MPWSP MW-9

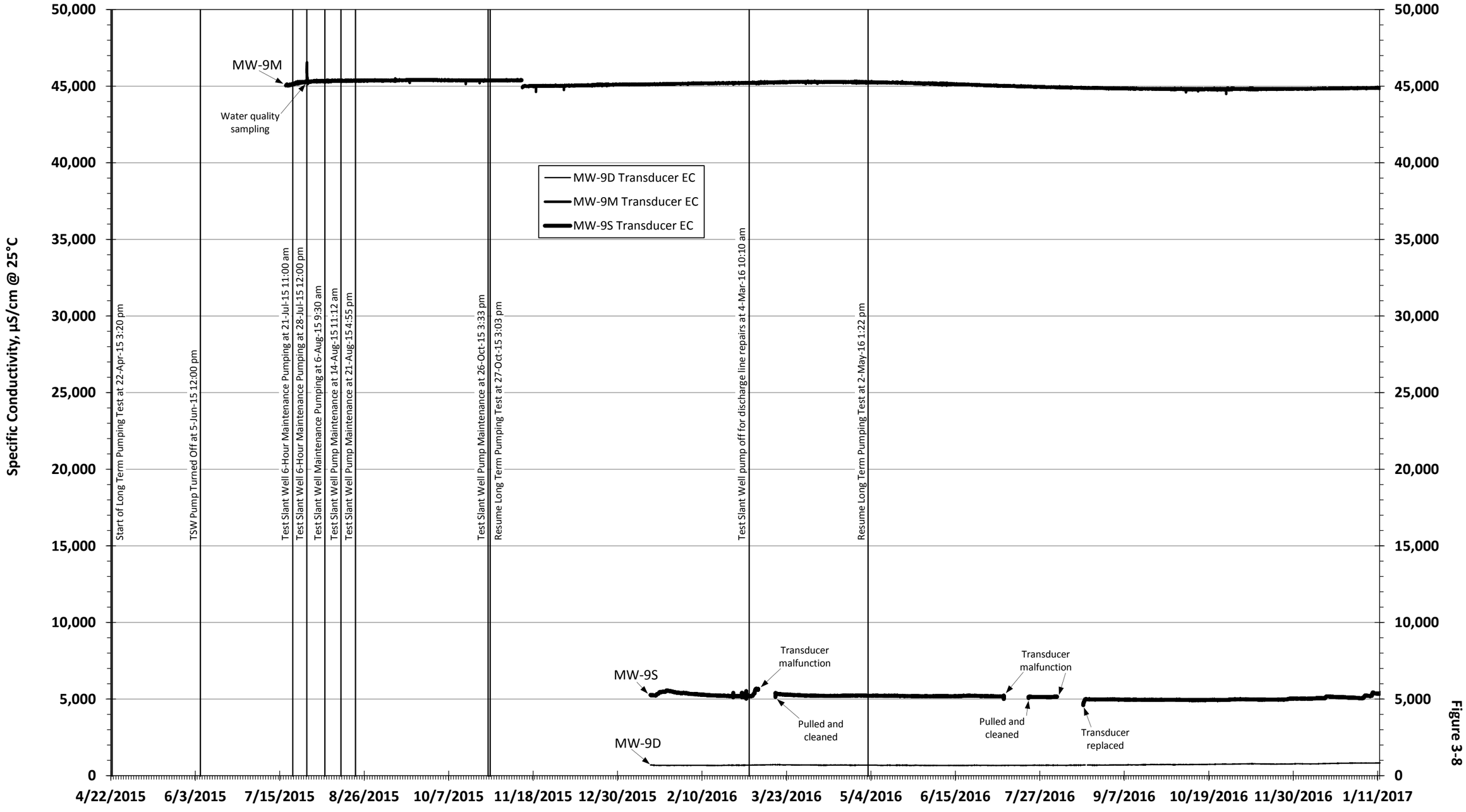


Figure 3-8

# Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

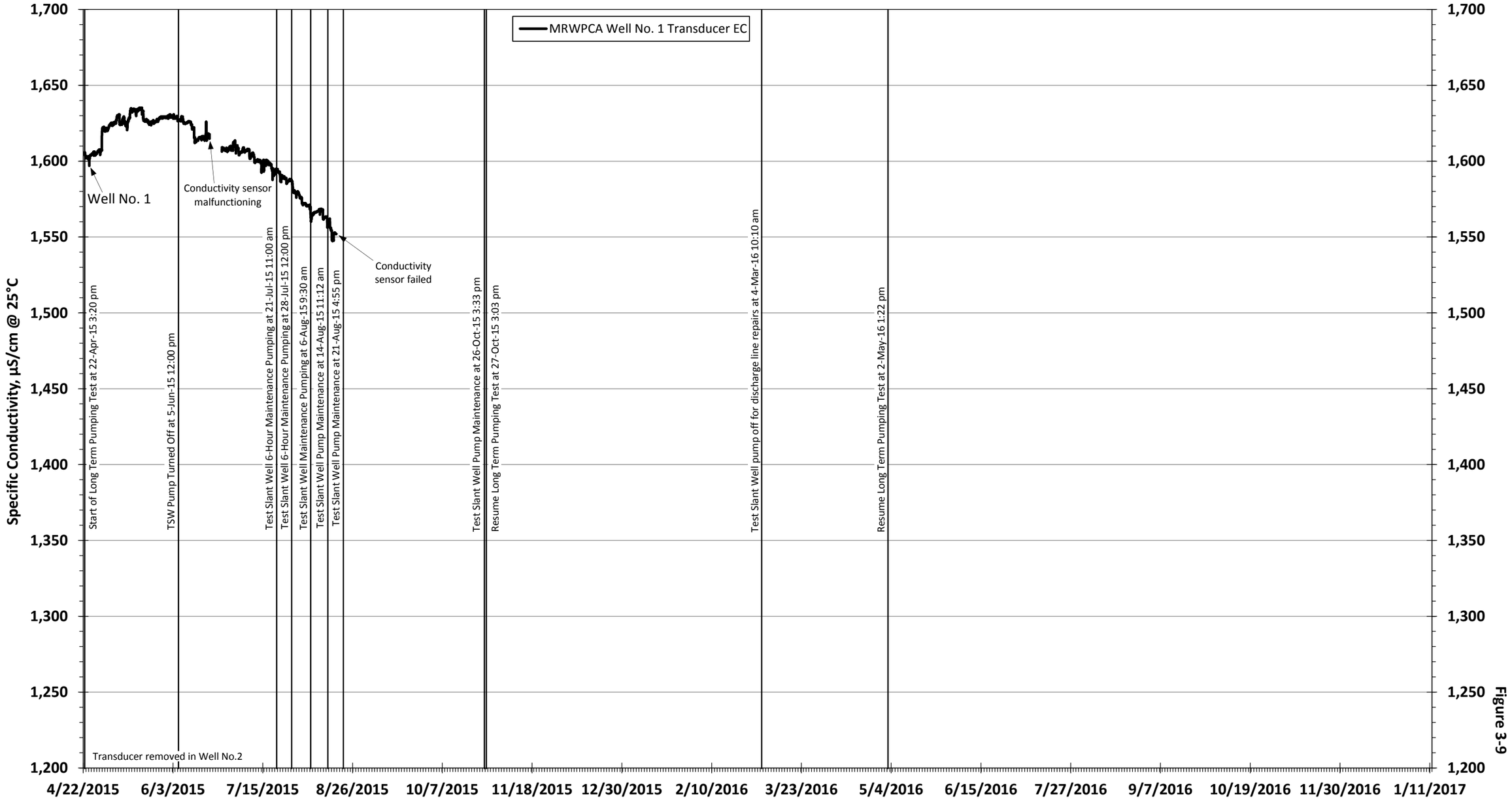


Figure 3-9

# Specific Conductivity in CEMEX Dredge Pond

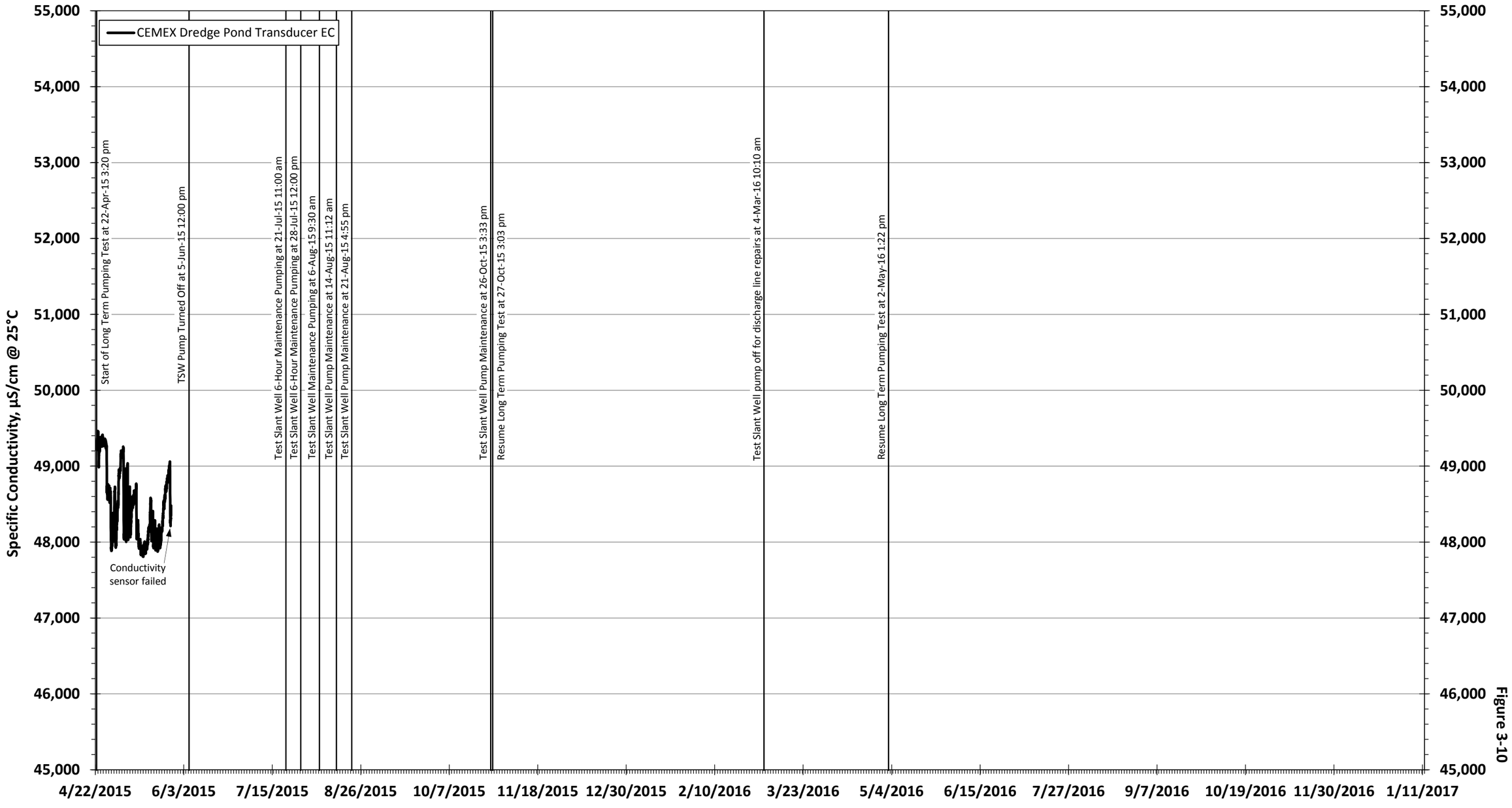


Figure 3-10

# Specific Conductivity in CEMEX North Well

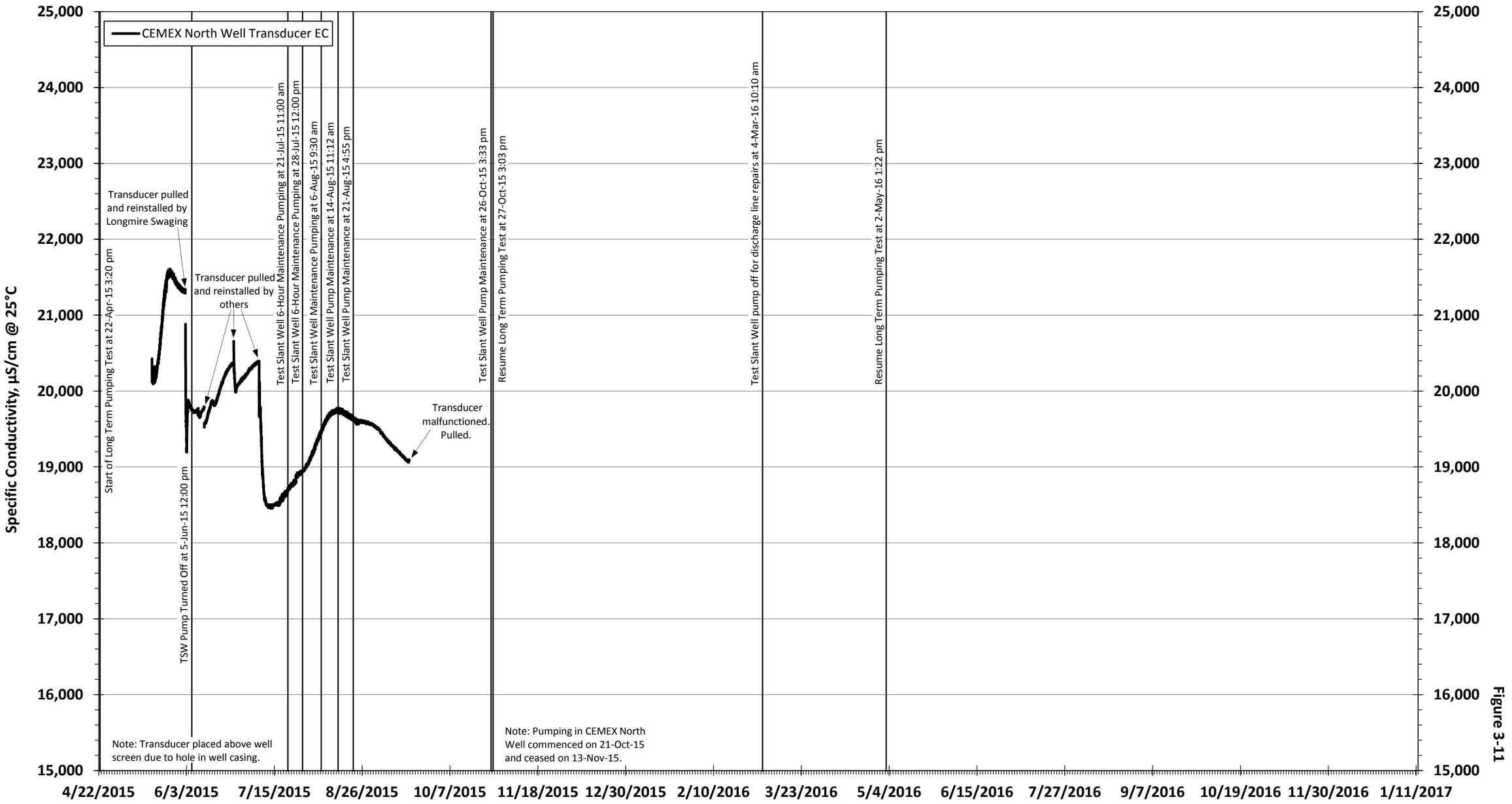


Figure 3-11

# Specific Conductivity in MPWSP Test Slant Well

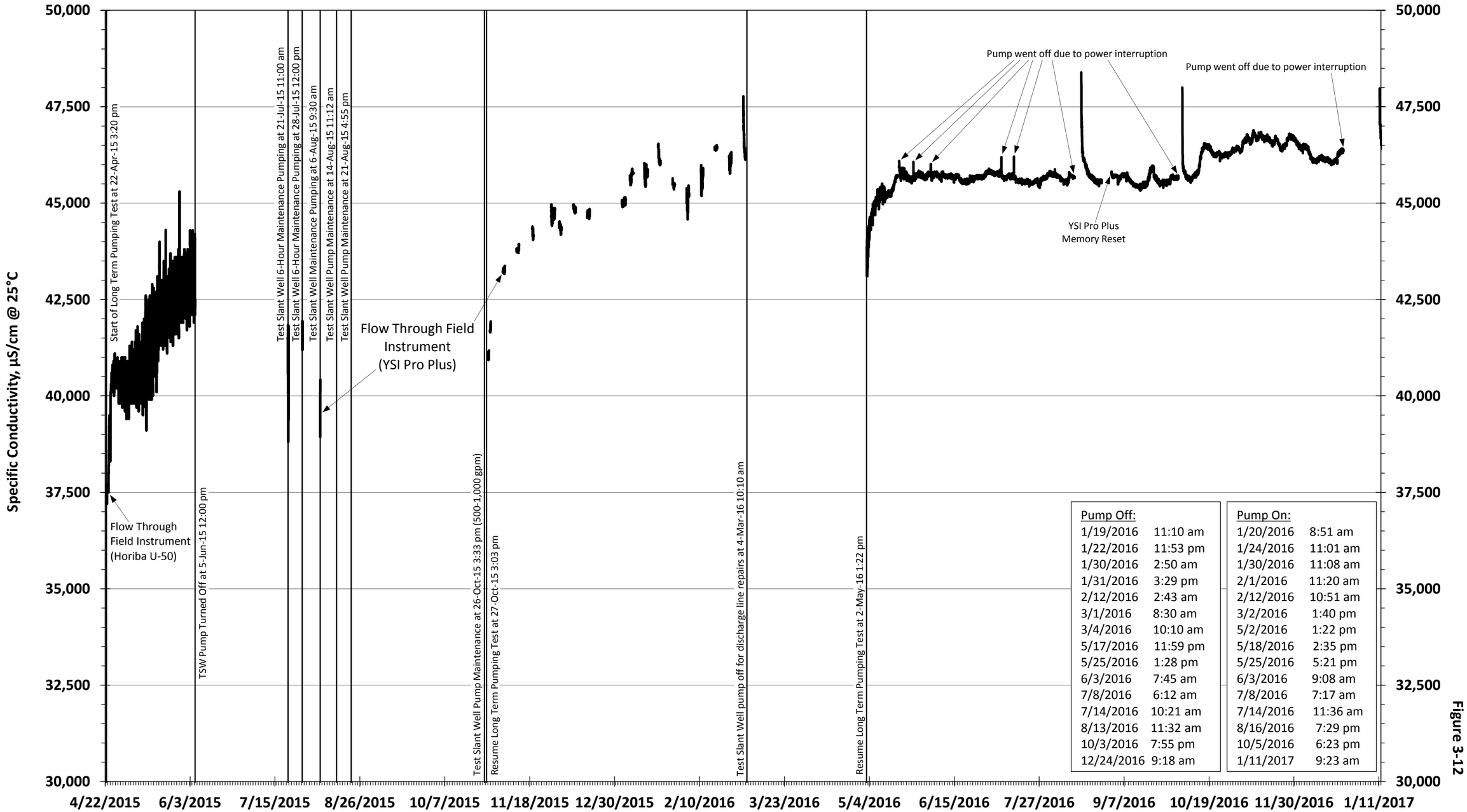


Figure 3-12

# TABLES

GEOSCIENCE

## 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 | 61 | 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 | 201 | 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

| | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Constituent** | **Method** | **Units** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** |
| 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 | 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 5 | 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 |
| Kjehldahl Nitrogen, Dissolved | SM4500-NH3 B,C.E | mg/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 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 | 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 | 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 = Micorgrams 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

| | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Constituent** | **Method** | **Units** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** |
| 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 | 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 5 | 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 |
| Kjehldahl Nitrogen, Dissolved | SM4500-NH3 B,C.E | mg/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 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 | 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 | 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 | - | - |

**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 = Micorgrams 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

| | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Constituent** | **Method** | **Units** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** |
| 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 | 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 5 | 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 |
| Kjehldahl Nitrogen, Dissolved | SM4500-NH3 B,C.E | mg/L | ND | ND | ND | ND | ND | ND | 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 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 | 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 | 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 = Micorgrams 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

| | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Constituent** | **Method** | **Units** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** |
| 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 | 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 5 | 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 |
| Kjehldahl Nitrogen, Dissolved | SM4500-NH3 B,C.E | mg/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 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 | 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 | 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 | - | - | - | - | - | - | - | - | - | - |

**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 = Micorgrams 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

| | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Constituent** | **Method** | **Units** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** |
| 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 | 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 5 | 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 |
| Kjehldahl Nitrogen, Dissolved | SM4500-NH3 B,C.E | mg/L | ND | ND | ND | ND | ND | ND | 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 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 | 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 | 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
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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

| | | Sample Collection Date: | 10-Nov-16 | 17-Nov-16 | 23-Nov-16 | 1-Dec-16 | 8-Dec-16 | 15-Dec-16 | 21-Dec-16 |
|---|---|---|---|---|---|---|---|---|---|
| **Constituent** | **Method** | **Units** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** | **Result** |
| Alkalinity, Total (as CaCO3) | SM2320B | mg/L | 113 | 115 | 114 | 112 | 106 | 111 | 112 |
| Aluminum, Total | EPA 200.8 | µg/L | ND | ND | ND | ND | ND | ND | PENDING |
| Ammonia-N, Dissolved | SM4500NH3 D | mg/L | 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 | PENDING |
| Barium, Dissolved | EPA 200.8 | µg/L | ND | ND | ND | ND | 69 | ND | PENDING |
| Bicarbonate (as HCO3-) | SM2320B | mg/L | 138 | 140 | 139 | 137 | 129 | 135 | 137 |
| Boron, Dissolved | EPA 200.7 | mg/L | 3.73 | 3.84 | 3.29 | 3.42 | 3.09 | 3.10 | 3.73 |
| Bromide, Dissolved | EPA 300.0 | mg/L | 53.0 | 50 | 52 | 54 | 51 | 54 | 57 |
| Calcium | EPA 200.7 | mg/L | 493 | 517 | 462 | 532 | 540 | 549 | 542 |
| Calcium, Dissolved | EPA 200.7 | mg/L | 503 | 531 | 453 | 536 | 539 | 529 | 543 |
| Carbamates by HPLC (EPA 531) | EPA 531 | µg/L | - | - | - | - | - | - | - |
| Carbonate as CaCO3 | SM2320B | mg/L | 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 |
| Chlorinated Pesticides and PCB (EPA 5 | EPA 508 | µg/L | - | - | - | - | - | - | - |
| Color, Apparent (Unfiltered) | SM2120B | Color Units | ND | ND | ND | ND | ND | ND | ND |
| Copper | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | PENDING |
| 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 |
| Total Anions | Calculation | Meq/L | 540.88 | 527.60 | 533.74 | 528.40 | 541.73 | 569.71 | 518.18 |
| Dissolved Cations | Calculation | Meq/L | 545.78 | 565.18 | 540.61 | 582.47 | 562.53 | 557.54 | 555.00 |
| Total Cations | Calculation | Meq/L | 536.10 | 570.96 | 527.00 | 558.83 | 559.45 | 569.62 | 580.06 |
| Fluoride, Dissolved | EPA 300.0 | mg/L | 0.5 | 0.8 | 0.9 | 0.5 | 1.0 | 0.9 | 1.2 |
| Hardness (as CaCO3) | SM2340B/Calc | mg/L | 6,185 | 6,401 | 5,601 | 6,344 | 6,451 | 6,452 | 6,542 |
| Hydroxide | SM2320B | mg/L | ND | ND | ND | ND | ND | ND | ND |
| Iodide | EPA 9056M | µg/L | ND | ND | ND | ND | ND | ND | PENDING |
| Iron | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND |
| Iron, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND |
| Kjehldahl Nitrogen, Dissolved | SM4500-NH3 B,C.E | mg/L | ND | ND | ND | ND | ND | ND | ND |
| Lithium | EPA 200.8 | µg/L | 146 | 162 | 139 | 141 | 146 | 148 | PENDING |
| Magnesium | EPA 200.7 | mg/L | 1,200 | 1,240 | 1,080 | 1,220 | 1,240 | 1,230 | 1,260 |
| Magnesium, Dissolved | EPA 200.7 | mg/L | 1,220 | 1,250 | 1,070 | 1,260 | 1,240 | 1,210 | 1,240 |
| Manganese, Dissolved | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND |
| Manganese, Total | EPA 200.7 | µg/L | ND | ND | ND | ND | ND | ND | ND |
| MBAS (Surfactants) | SM5540C | mg/L | ND | ND | ND | ND | ND | ND | ND |
| Nitrate as NO3 | EPA 300.0 | mg/L | ND | 4 | 4 | 4 | 5 | 4 | 4 |
| Nitrate+Nitrite as N | EPA 300.0 | mg/L | 0.7 | 1.0 | 0.8 | 0.8 | 1.1 | 1.0 | 0.9 |
| Nitrite as NO2-N, Dissolved | EPA 300.0 | mg/L | ND | ND | ND | ND | ND | ND | ND |
| Odor Threshold at 60 C | SM2150B | TON | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| o-Phosphate-P | Hach 8048 | mg/L | 0.09 | 0.10 | 0.09 | 0.09 | 0.09 | 0.10 | 0.09 |
| pH (Field Test) | SM4500-H+B | pH | 7.05 | 7.05 | 7.05 | 7.07 | 7.07 | 7.07 | 7.07 |
| pH (Laboratory) | SM4500-H+B | pH (H) | 7.2 | 7.2 | 7.2 | 7.2 | 7.3 | 7.1 | 7.2 |
| Phenoxy Acid Herbicides (515.3) | EPA 515.3 | µg/L | - | - | - | - | - | - | - |
| Phosphorus, Dissolved Total | HACH 8190 | mg/L | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 |
| Potassium | EPA 200.7 | mg/L | 314 | 331 | 284 | 317 | 316 | 313 | 322 |
| Potassium, Dissolved | EPA 200.7 | mg/L | 326 | 338 | 279 | 326 | 319 | 308 | 323 |
| QC Ratio TDS/SEC | Calculation | - | 0.67 | 0.67 | 0.69 | 0.68 | 0.68 | 0.66 | 0.66 |
| 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 |
| Silica as SiO2, Dissolved | EPA 200.7 | mg/L | 16 | 17 | 12 | 20 | 11 | ND | 13 |
| Sodium | EPA 200.7 | mg/L | 9,304 | 9,992 | 9,375 | 9,742 | 9,710 | 9,954 | 10,140 |
| Sodium, Dissolved | EPA 200.7 | mg/L | 9,470 | 9,820 | 9,720 | 10,200 | 9,780 | 9,740 | 9,600 |
| Specific Conductance (E.C) | SM2510B | µmhos/cm | 46,230 | 46,370 | 46,270 | 46,540 | 46,330 | 45,810 | 45,840 |
| Specific Conductance (E.C) (Field) | SM2510B | µmhos/cm | 46,803 | 46,648 | 46,445 | 46,511 | 46,179 | 46,097 | 46,063 |
| Strontium, Dissolved | EPA 200.8 | µg/L | 7,700 | 7,183 | 7,212 | 7,624 | 7,583 | 7,530 | PENDING |
| Sulfate, Dissolved | EPA 300.0 | mg/L | 1,920 | 2,052 | 2,262 | 1,911 | 2,466 | 2,465 | 2,441 |
| Temperature (Field) | SM2550 | ° C | 16.4 | 16.1 | 16.1 | 15.9 | 15.6 | 15.6 | 15.4 |
| Total Diss. Solids | SM2540C | mg/L | 30,900 | 31,000 | 31,800 | 31,500 | 31,600 | 30,400 | 30,200 |
| Turbidity | EPA 180.1 | NTU | 0.25 | 0.10 | 0.20 | 0.35 | 0.15 | 0.10 | 0.40 |
| Turbidity (Field) | EPA 180.1 | NTU | 1.06 | 0.18 | 0.24 | 0.41 | 0.17 | 0.12 | 0.14 |
| Volatile Org. Compounds (524) | EPA 524 | µg/L | - | - | - | - | - | - | - |
| Zinc | EPA 200.7 | µg/L | 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
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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

GEOSCIENCE

# APPENDIX A-1

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

## 8-Dec-14

GEOSCIENCE

STATE OF CALIFORNIA—NATURAL RESOURCES AGENCY EDMUND G. BROWN, JR., *GOVERNOR*

**CALIFORNIA COASTAL COMMISSION**

45 FREMONT, SUITE 2000
SAN FRANCISCO, CA 94105-2219
VOICE (415) 904-5200
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# 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

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

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

GEOSCIENCE

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


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

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

## 4-January-17 - 11-January-17

GEOSCIENCE

Report Date: 1/16/2017 8:31:34 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-1D LT Test_Append_2017-01-12_12-41-33-875-BaroMerge.wsl
Create Date: 1/16/2017 8:29:55 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-1D
Device Name:
Serial Number: 438507
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 2

Log Configuration
Log Name: MPWSP MW-1D LT Test
Created By: ELinden
Computer Name: PROBOOK2
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 4/21/2016 4:56:53 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 4/21/2016 6:00:00 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: 34.5229 (ft)
Head Pressure: 15.3258 (PSI)
Temperature: 21.9902 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 4/21/2016 4:57:02 PM | Used Battery: 2% Used Memory: 1% User Name: ELinden |
| 4/22/2016 10:32:18 AM | Log Download - Used Battery: 2% Used Memory: 1% User Name: SKuiper Interval - Start Time: 4/21/2016 6:00:00 PM Stop Time: 4/22/2016 11:30:00 AM |
| 4/28/2016 10:59:03 AM | Log Download - Used Battery: 2% Used Memory: 1% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:45:00 AM |
| 5/5/2016 12:29:13 PM | Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 12:30:00 PM |
| 5/12/2016 3:48:01 PM | Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:00:00 PM |
| 5/19/2016 4:19:06 PM | Log Download - Used Battery: 3% Used Memory: 4% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 5:00:00 PM |
| 5/26/2016 2:12:28 PM | Log Download - Used Battery: 4% Used Memory: 4% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:30:00 PM |
| 6/2/2016 2:17:55 PM | Log Download - Used Battery: 4% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:15:00 PM |
| 6/9/2016 10:52:59 AM | Log Download - Used Battery: 4% Used Memory: 6% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:45:00 AM |
| 6/16/2016 5:31:57 PM | Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 6:15:00 PM |
| 6/23/2016 3:41:29 PM | Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 4:00:00 PM |
| 7/1/2016 9:13:42 AM | Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 9:45:00 AM |
| 7/8/2016 9:11:42 AM | Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 9:45:00 AM |
| 7/14/2016 12:33:36 PM | Log Download - Used Battery: 6% Used Memory: 10% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 1:45:00 PM |
| 7/21/2016 1:47:48 PM | Log Download - Used Battery: 7% Used Memory: 10% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 2:15:00 PM |
| 7/28/2016 2:39:17 PM | Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 3:15:00 PM |
| 8/4/2016 12:00:20 PM | Log Download - Used Battery: 7% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 12:00:00 PM |
| 8/11/2016 1:48:32 PM | Log Download - Used Battery: 8% Used Memory: 14% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 2:45:00 PM |
| 8/18/2016 11:10:51 AM | Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 11:00:00 AM |
| 8/25/2016 4:46:04 PM | Log Download - Used Battery: 8% Used Memory: 15% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:45:00 PM |
| 9/1/2016 1:09:39 PM | Log Download - Used Battery: 9% Used Memory: 17% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:00:00 PM |
| 9/8/2016 11:26:51 AM | Log Download - Used Battery: 9% Used Memory: 17% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:15:00 AM |
| 9/15/2016 6:25:15 PM | Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:15:00 PM |
| 9/22/2016 3:53:02 PM | Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:45:00 PM |
| 10/2/2016 8:41:47 AM | Log Download - Used Battery: 10% Used Memory: 20% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:30:00 AM |
| 10/7/2016 6:15:57 PM | Log Download - Used Battery: 11% Used Memory: 20% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 7:00:00 PM |
| 10/13/2016 1:17:34 PM | Log Download - Used Battery: 11% Used Memory: 21% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 1:30:00 PM |
| 10/20/2016 12:08:32 PM | Log Download - Used Battery: 11% Used Memory: 21% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 12:45:00 PM |
| 10/27/2016 9:42:03 AM | Log Download - Used Battery: 12% Used Memory: 23% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 10:00:00 AM |
| 11/3/2016 9:12:43 AM | Log Download - Used Battery: 12% Used Memory: 23% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 11:00:00 AM |
| 11/10/2016 10:44:11 AM | Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM |
| 11/17/2016 8:35:14 AM | Log Download - Used Battery: 13% Used Memory: 25% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:30:00 AM |
| 11/24/2016 4:00:37 PM | Log Download - Used Battery: 13% Used Memory: 26% 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 12:09:22 PM | Log Download - Used Battery: 13% Used Memory: 26% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:00:00 PM |
| 12/2/2016 9:09:03 AM | Log Download - Used Battery: 14% Used Memory: 26% User Name: SKuiper Interval - Start Time: 10/31/2016 1:00:00 AM Stop Time: 12/2/2016 9:00:00 AM |
| 12/8/2016 12:34:11 PM | Log Download - Used Battery: 14% Used Memory: 28% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 12:30:00 PM |
| 12/15/2016 10:44:08 AM | Log Download - Used Battery: 14% Used Memory: 28% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 11:00:00 AM |
| 12/22/2016 7:34:32 PM | Log Download - Used Battery: 15% Used Memory: 29% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 8:30:00 PM |
| 1/5/2017 3:32:05 PM | Log Download - Used Battery: 15% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 3:30:00 PM |
| 1/12/2017 8:58:19 AM | Log Download - Used Battery: 16% Used Memory: 32% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 8:45:00 AM |
| 1/12/2017 12:40:31 PM | Log Download - Used Battery: 16% Used Memory: 32% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 11:00:00 AM |
| 1/12/2017 12:40:45 PM | Log Download - Used Battery: 16% Used Memory: 32% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 1:00:00 PM |
| 1/16/2017 8:29:55 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 731
Sensors: 2
1 - 438507: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| Date and Time | Elapsed Time (Seconds) | Sensor: PCTD(A) 658.7ft SN#: 438507 Pressure (PSI) | Sensor: PCTD(A) 658.7ft SN#: 438507 Temperature (C) | Sensor: PCTD(A) 658.7ft SN#: 438507 Depth (ft) | Sensor: PCTD(A) 658.7ft SN#: 438507 Actual Conductivity (µS/cm) | Sensor: PCTD(A) 658.7ft SN#: 438507 Specific Conductivity (µS/cm) | Sensor: PCTD(A) 658.7ft SN#: 438507 Salinity (PSU) | Sensor: PCTD(A) 658.7ft SN#: 438507 Total Dissolved Solids (ppm) | Sensor: PCTD(A) 658.7ft SN#: 438507 Resistivity (ohm-cm) | Sensor: PCTD(A) 658.7ft SN#: 438507 Water Density (g/cm3) | Sensor: Baro-Adj Calc SN#: 000000 Corrected Barometric Pressure (PSI) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 122.691 | 19.177 | 276.374 | 39994.910 | 44999.801 | 29.375 | 30599.867 | 25.003 | 1.021 | 14.703 |
| 1/5/2017 12:15:00 AM | 8100.000 | 122.739 | 19.167 | 276.482 | 39984.133 | 44996.875 | 29.372 | 30597.875 | 25.010 | 1.021 | 14.710 |
| 1/5/2017 12:30:00 AM | 9000.000 | 122.771 | 19.160 | 276.554 | 39986.949 | 45007.387 | 29.379 | 30605.023 | 25.008 | 1.021 | 14.713 |
| 1/5/2017 12:45:00 AM | 9900.000 | 122.823 | 19.154 | 276.672 | 39982.586 | 45008.051 | 29.379 | 30605.477 | 25.011 | 1.021 | 14.717 |
| 1/5/2017 1:00:00 AM | 10800.000 | 122.863 | 19.150 | 276.760 | 39985.563 | 45015.715 | 29.385 | 30610.688 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 25.009 | 1.021 | 14.716 | | | | | | |
| 1/5/2017 1:15:00 AM | 11700.000 | 122.894 | 19.149 | 276.832 | 39956.465 | 44983.367 | 29.361 | 30588.691 |
| 25.027 | 1.021 | 14.714 | | | | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 122.973 | 19.150 | 277.010 | 39951.340 | 44976.594 | 29.356 | 30584.086 |
| 25.030 | 1.021 | 14.717 | | | | | | |
| 1/5/2017 1:45:00 AM | 13500.000 | 122.954 | 19.166 | 276.966 | 39977.402 | 44990.391 | 29.367 | 30593.467 |
| 25.014 | 1.021 | 14.720 | | | | | | |
| 1/5/2017 2:00:00 AM | 14400.000 | 122.983 | 19.175 | 277.031 | 39993.480 | 45000.301 | 29.375 | 30600.207 |
| 25.004 | 1.021 | 14.723 | | | | | | |
| 1/5/2017 2:15:00 AM | 15300.000 | 123.031 | 19.180 | 277.140 | 39962.227 | 44960.320 | 29.346 | 30573.020 |
| 25.024 | 1.021 | 14.718 | | | | | | |
| 1/5/2017 2:30:00 AM | 16200.000 | 123.057 | 19.183 | 277.198 | 40022.883 | 45025.191 | 29.393 | 30617.133 |
| 24.986 | 1.021 | 14.718 | | | | | | |
| 1/5/2017 2:45:00 AM | 17100.000 | 123.098 | 19.186 | 277.291 | 40048.180 | 45050.531 | 29.412 | 30634.363 |
| 24.970 | 1.021 | 14.721 | | | | | | |
| 1/5/2017 3:00:00 AM | 18000.000 | 123.105 | 19.186 | 277.306 | 39998.422 | 44995.148 | 29.372 | 30596.703 |
| 25.001 | 1.021 | 14.724 | | | | | | |
| 1/5/2017 3:15:00 AM | 18900.000 | 123.144 | 19.187 | 277.393 | 40056.977 | 45060.340 | 29.419 | 30641.033 |
| 24.964 | 1.021 | 14.718 | | | | | | |
| 1/5/2017 3:30:00 AM | 19800.000 | 123.138 | 19.186 | 277.379 | 40037.094 | 45038.223 | 29.403 | 30625.994 |
| 24.977 | 1.021 | 14.721 | | | | | | |
| 1/5/2017 3:45:00 AM | 20700.000 | 123.157 | 19.187 | 277.423 | 40055.262 | 45057.828 | 29.417 | 30639.326 |
| 24.966 | 1.021 | 14.722 | | | | | | |
| 1/5/2017 4:00:00 AM | 21600.000 | 123.164 | 19.187 | 277.439 | 40091.848 | 45099.316 | 29.447 | 30667.535 |
| 24.943 | 1.021 | 14.720 | | | | | | |
| 1/5/2017 4:15:00 AM | 22500.000 | 123.190 | 19.186 | 277.498 | 40078.047 | 45084.129 | 29.436 | 30657.209 |
| 24.951 | 1.021 | 14.717 | | | | | | |
| 1/5/2017 4:30:00 AM | 23400.000 | 123.165 | 19.186 | 277.442 | 40097.453 | 45106.375 | 29.452 | 30672.336 |
| 24.939 | 1.021 | 14.725 | | | | | | |
| 1/5/2017 4:45:00 AM | 24300.000 | 123.173 | 19.186 | 277.459 | 40077.746 | 45084.715 | 29.437 | 30657.605 |
| 24.952 | 1.021 | 14.722 | | | | | | |
| 1/5/2017 5:00:00 AM | 25200.000 | 123.188 | 19.185 | 277.493 | 40085.137 | 45093.289 | 29.443 | 30663.439 |
| 24.947 | 1.021 | 14.707 | | | | | | |
| 1/5/2017 5:15:00 AM | 26100.000 | 123.130 | 19.184 | 277.361 | 40133.406 | 45148.773 | 29.483 | 30701.168 |
| 24.917 | 1.021 | 14.722 | | | | | | |
| 1/5/2017 5:30:00 AM | 27000.000 | 123.110 | 19.184 | 277.316 | 40114.543 | 45127.891 | 29.468 | 30686.969 |
| 24.929 | 1.021 | 14.718 | | | | | | |
| 1/5/2017 5:45:00 AM | 27900.000 | 123.090 | 19.184 | 277.272 | 40157.406 | 45176.195 | 29.503 | 30719.814 |
| 24.902 | 1.021 | 14.722 | | | | | | |
| 1/5/2017 6:00:00 AM | 28800.000 | 123.071 | 19.182 | 277.229 | 40121.715 | 45137.484 | 29.475 | 30693.490 |
| 24.924 | 1.021 | 14.720 | | | | | | |
| 1/5/2017 6:15:00 AM | 29700.000 | 123.038 | 19.181 | 277.156 | 40172.004 | 45194.906 | 29.517 | 30732.539 |
| 24.893 | 1.021 | 14.728 | | | | | | |
| 1/5/2017 6:30:00 AM | 30600.000 | 123.017 | 19.181 | 277.108 | 40169.195 | 45191.574 | 29.514 | 30730.271 |
| 24.895 | 1.021 | 14.723 | | | | | | |
| 1/5/2017 6:45:00 AM | 31500.000 | 122.969 | 19.193 | 277.000 | 40187.246 | 45200.863 | 29.521 | 30736.590 |
| 24.884 | 1.021 | 14.733 | | | | | | |
| 1/5/2017 7:00:00 AM | 32400.000 | 122.964 | 19.220 | 276.987 | 40218.480 | 45209.395 | 29.529 | 30742.391 |
| 24.864 | 1.021 | 14.736 | | | | | | |
| 1/5/2017 7:15:00 AM | 33300.000 | 122.908 | 19.215 | 276.862 | 40202.672 | 45196.871 | 29.519 | 30733.875 |
| 24.874 | 1.021 | 14.735 | | | | | | |
| 1/5/2017 7:30:00 AM | 34200.000 | 122.882 | 19.217 | 276.803 | 40261.527 | 45261.090 | 29.566 | 30777.543 |
| 24.838 | 1.021 | 14.730 | | | | | | |
| 1/5/2017 7:45:00 AM | 35100.000 | 122.850 | 19.216 | 276.731 | 40224.008 | 45219.250 | 29.536 | 30749.092 |
| 24.861 | 1.021 | 14.731 | | | | | | |
| 1/5/2017 8:00:00 AM | 36000.000 | 122.817 | 19.206 | 276.657 | 40233.602 | 45240.449 | 29.551 | 30763.508 |
| 24.855 | 1.021 | 14.737 | | | | | | |
| 1/5/2017 8:15:00 AM | 36900.000 | 122.840 | 19.199 | 276.709 | 40217.055 | 45228.625 | 29.542 | 30755.467 |
| 24.865 | 1.021 | 14.739 | | | | | | |
| 1/5/2017 8:30:00 AM | 37800.000 | 122.761 | 19.198 | 276.530 | 40190.891 | 45200.141 | 29.521 | 30736.098 |
| 24.881 | 1.021 | 14.745 | | | | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 122.777 | 19.195 | 276.567 | 40160.270 | 45168.242 | 29.498 | 30714.404 |
| 24.900 | 1.021 | 14.750 | | | | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 122.725 | 19.191 | 276.449 | 40161.473 | 45173.992 | 29.502 | 30718.314 |
| 24.899 | 1.021 | 14.747 | | | | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 122.699 | 19.187 | 276.392 | 40134.473 | 45147.266 | 29.482 | 30700.143 |
| 24.916 | 1.021 | 14.760 | | | | | | |
| 1/5/2017 9:30:00 AM | 41400.000 | 122.706 | 19.184 | 276.408 | 40104.828 | 45116.965 | 29.460 | 30679.539 |
| 24.935 | 1.021 | 14.750 | | | | | | |
| 1/5/2017 9:45:00 AM | 42300.000 | 122.672 | 19.181 | 276.332 | 40097.008 | 45110.953 | 29.455 | 30675.451 |
| 24.940 | 1.021 | 14.758 | | | | | | |
| 1/5/2017 10:00:00 AM | 43200.000 | 122.666 | 19.181 | 276.318 | 40110.590 | 45126.066 | 29.466 | 30685.727 |
| 24.931 | 1.021 | 14.757 | | | | | | |
| 1/5/2017 10:15:00 AM | 44100.000 | 122.660 | 19.178 | 276.304 | 40029.941 | 45038.113 | 29.402 | 30625.920 |
| 24.981 | 1.021 | 14.757 | | | | | | |
| 1/5/2017 10:30:00 AM | 45000.000 | 122.659 | 19.181 | 276.301 | 40040.078 | 45046.824 | 29.409 | 30631.842 |
| 24.975 | 1.021 | 14.758 | | | | | | |
| 1/5/2017 10:45:00 AM | 45900.000 | 122.667 | 19.180 | 276.319 | 40029.070 | 45035.453 | 29.401 | 30624.111 |
| 24.982 | 1.021 | 14.758 | | | | | | |
| 1/5/2017 11:00:00 AM | 46800.000 | 122.699 | 19.178 | 276.392 | 39971.840 | 44972.832 | 29.355 | 30581.527 |
| 25.018 | 1.021 | 14.746 | | | | | | |
| 1/5/2017 11:15:00 AM | 47700.000 | 122.679 | 19.177 | 276.346 | 39955.582 | 44955.211 | 29.342 | 30569.543 |
| 25.028 | 1.021 | 14.751 | | | | | | |
| 1/5/2017 11:30:00 AM | 48600.000 | 122.675 | 19.179 | 276.338 | 39979.938 | 44981.445 | 29.361 | 30587.385 |
| 25.013 | 1.021 | 14.757 | | | | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 122.686 | 19.172 | 276.363 | 39964.605 | 44970.688 | 29.353 | 30580.070 |
| 25.022 | 1.021 | 14.750 | | | | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 122.708 | 19.169 | 276.413 | 39942.793 | 44948.754 | 29.337 | 30565.152 |
| 25.036 | 1.021 | 14.745 | | | | | | |
| 1/5/2017 12:15:00 PM | 51300.000 | 122.709 | 19.170 | 276.415 | 39928.082 | 44931.520 | 29.325 | 30553.434 |
| 25.045 | 1.021 | 14.749 | | | | | | |
| 1/5/2017 12:30:00 PM | 52200.000 | 122.737 | 19.169 | 276.478 | 39924.305 | 44927.855 | 29.322 | 30550.943 |
| 25.047 | 1.021 | 14.748 | | | | | | |
| 1/5/2017 12:45:00 PM | 53100.000 | 122.749 | 19.174 | 276.503 | 39924.004 | 44923.051 | 29.319 | 30547.678 |
| 25.048 | 1.021 | 14.742 | | | | | | |
| 1/5/2017 1:00:00 PM | 54000.000 | 122.766 | 19.172 | 276.543 | 39883.039 | 44878.730 | 29.286 | 30517.537 |
| 25.073 | 1.021 | 14.742 | | | | | | |
| 1/5/2017 1:15:00 PM | 54900.000 | 122.785 | 19.163 | 276.585 | 39903.375 | 44910.211 | 29.309 | 30538.943 |
| 25.061 | 1.021 | 14.736 | | | | | | |
| 1/5/2017 1:30:00 PM | 55800.000 | 122.803 | 19.163 | 276.625 | 39892.859 | 44898.121 | 29.300 | 30530.723 |
| 25.067 | 1.021 | 14.736 | | | | | | |
| 1/5/2017 1:45:00 PM | 56700.000 | 122.821 | 19.166 | 276.667 | 39876.816 | 44877.957 | 29.285 | 30517.014 |
| 25.077 | 1.021 | 14.740 | | | | | | |
| 1/5/2017 2:00:00 PM | 57600.000 | 122.828 | 19.166 | 276.681 | 39875.645 | 44876.559 | 29.284 | 30516.063 |
| 25.078 | 1.021 | 14.744 | | | | | | |
| 1/5/2017 2:15:00 PM | 58500.000 | 122.848 | 19.167 | 276.728 | 39900.883 | 44903.348 | 29.304 | 30534.279 |
| 25.062 | 1.021 | 14.741 | | | | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 122.869 | 19.163 | 276.775 | 39907.684 | 44914.805 | 29.312 | 30542.070 |
| 25.058 | 1.021 | 14.739 | | | | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 122.879 | 19.163 | 276.798 | 39902.133 | 44909.227 | 29.308 | 30538.275 |
| 25.061 | 1.021 | 14.738 | | | | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 122.932 | 19.162 | 276.917 | 39876.730 | 44881.145 | 29.288 | 30519.178 |
| 25.077 | 1.021 | 14.741 | | | | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 122.905 | 19.163 | 276.855 | 39872.441 | 44875.398 | 29.284 | 30515.271 |
| 25.080 | 1.021 | 14.740 | | | | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 122.917 | 19.161 | 276.882 | 39886.859 | 44893.723 | 29.297 | 30527.734 |
| 25.071 | 1.021 | 14.739 | | | | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 122.916 | 19.165 | 276.881 | 39878.566 | 44880.855 | 29.288 | 30518.984 |
| 25.076 | 1.021 | 14.740 | | | | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 122.925 | 19.157 | 276.901 | 39877.727 | 44886.969 | 29.292 | 30523.141 |
| 25.077 | 1.021 | 14.741 | | | | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 122.913 | 19.159 | 276.874 | 39877.758 | 44885.746 | 29.291 | 30522.311 |
| 25.077 | 1.021 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 122.920 | 19.154 | 276.888 | 39914.320 | 44931.707 | 29.324 | 30553.563 |
| 25.054 | 1.021 | 14.745 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 122.907 | 19.149 | 276.859 | 39882.852 | 44901.164 | 29.302 | 30532.793 |
| 25.073 | 1.021 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 122.909 | 19.139 | 276.865 | 39881.043 | 44907.902 | 29.306 | 30537.375 |
| 25.075 | 1.021 | 14.749 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 122.875 | 19.135 | 276.789 | 39879.117 | 44910.023 | 29.307 | 30538.818 |
| 25.076 | 1.021 | 14.751 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 122.859 | 19.130 | 276.752 | 39848.395 | 44880.305 | 29.286 | 30518.607 |
| 25.095 | 1.021 | 14.753 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 5:45:00 PM | 71100.000 | 122.848 | 19.132 | 276.726 | 39872.309 | 44905.133 | 29.304 | 30535.492 |
| 25.080 | 1.021 | 14.751 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 122.829 | 19.135 | 276.685 | 39866.484 | 44895.973 | 29.297 | 30529.262 |
| 25.084 | 1.021 | 14.745 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 122.792 | 19.127 | 276.602 | 39858.344 | 44894.555 | 29.296 | 30528.297 |
| 25.089 | 1.021 | 14.755 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 122.776 | 19.128 | 276.564 | 39859.332 | 44894.660 | 29.296 | 30528.369 |
| 25.088 | 1.021 | 14.748 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 122.743 | 19.127 | 276.490 | 39848.445 | 44883.320 | 29.288 | 30520.660 |
| 25.095 | 1.021 | 14.761 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 122.704 | 19.121 | 276.403 | 39862.008 | 44904.492 | 29.303 | 30535.057 |
| 25.087 | 1.021 | 14.759 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 122.686 | 19.126 | 276.363 | 39863.160 | 44900.477 | 29.300 | 30532.326 |
| 25.086 | 1.021 | 14.757 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 122.655 | 19.142 | 276.293 | 39903.879 | 44931.414 | 29.323 | 30553.361 |
| 25.060 | 1.021 | 14.760 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 122.621 | 19.153 | 276.216 | 39934.555 | 44954.918 | 29.341 | 30569.346 |
| 25.041 | 1.021 | 14.756 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 122.601 | 19.165 | 276.170 | 39941.434 | 44951.020 | 29.339 | 30566.693 |
| 25.037 | 1.021 | 14.758 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 122.587 | 19.170 | 276.139 | 39929.008 | 44932.648 | 29.325 | 30554.203 |
| 25.044 | 1.021 | 14.763 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 122.555 | 19.172 | 276.067 | 39964.645 | 44970.977 | 29.353 | 30580.266 |
| 25.022 | 1.021 | 14.759 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 122.532 | 19.173 | 276.015 | 39945.172 | 44948.055 | 29.337 | 30564.680 |
| 25.034 | 1.021 | 14.763 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 122.510 | 19.173 | 275.966 | 40002.344 | 45011.965 | 29.383 | 30608.139 |
| 24.999 | 1.021 | 14.769 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 122.500 | 19.174 | 275.944 | 39974.504 | 44980.129 | 29.360 | 30586.490 |
| 25.016 | 1.021 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 122.485 | 19.174 | 275.909 | 39979.980 | 44985.621 | 29.364 | 30590.223 |
| 25.013 | 1.021 | 14.767 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 122.480 | 19.173 | 275.898 | 40031.316 | 45044.137 | 29.407 | 30630.014 |
| 24.980 | 1.021 | 14.778 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 122.464 | 19.175 | 275.863 | 40015.488 | 45025.242 | 29.393 | 30617.164 |
| 24.990 | 1.021 | 14.773 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 122.469 | 19.175 | 275.873 | 39994.875 | 45001.449 | 29.376 | 30600.988 |
| 25.003 | 1.021 | 14.775 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 122.483 | 19.175 | 275.904 | 40068.496 | 45084.887 | 29.436 | 30657.725 |
| 24.957 | 1.021 | 14.768 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 122.502 | 19.175 | 275.947 | 40041.133 | 45053.336 | 29.413 | 30636.271 |
| 24.974 | 1.021 | 14.764 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 122.506 | 19.176 | 275.957 | 40035.000 | 45046.090 | 29.408 | 30631.344 |
| 24.978 | 1.021 | 14.773 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 122.516 | 19.177 | 275.978 | 40068.527 | 45082.289 | 29.434 | 30655.959 |
| 24.957 | 1.021 | 14.764 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 122.551 | 19.179 | 276.058 | 40075.215 | 45088.551 | 29.439 | 30660.215 |
| 24.953 | 1.021 | 14.770 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 122.571 | 19.180 | 276.103 | 40056.156 | 45065.332 | 29.422 | 30644.426 |
| 24.965 | 1.021 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 122.616 | 19.182 | 276.204 | 40056.234 | 45063.738 | 29.421 | 30643.344 |
| 24.965 | 1.021 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 122.648 | 19.178 | 276.276 | 40102.441 | 45119.523 | 29.462 | 30681.275 |
| 24.936 | 1.021 | 14.770 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 122.658 | 19.181 | 276.299 | 40074.309 | 45084.824 | 29.436 | 30657.682 |
| 24.954 | 1.021 | 14.772 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 122.727 | 19.181 | 276.454 | 40115.270 | 45131.168 | 29.470 | 30689.197 |
| 24.928 | 1.021 | 14.768 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 122.747 | 19.180 | 276.499 | 40112.383 | 45128.754 | 29.468 | 30687.553 |
| 24.930 | 1.021 | 14.772 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 122.791 | 19.181 | 276.599 | 40144.148 | 45163.730 | 29.494 | 30711.340 |
| 24.910 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 122.831 | 19.182 | 276.689 | 40138.125 | 45156.281 | 29.488 | 30706.271 |
| 24.914 | 1.021 | 14.772 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 122.873 | 19.183 | 276.784 | 40147.152 | 45165.672 | 29.495 | 30712.658 |
| 24.908 | 1.021 | 14.770 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 122.928 | 19.184 | 276.907 | 40150.168 | 45167.969 | 29.497 | 30714.221 |
| 24.906 | 1.021 | 14.765 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 122.936 | 19.184 | 276.926 | 40176.676 | 45197.871 | 29.519 | 30734.555 |
| 24.890 | 1.021 | 14.771 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 122.998 | 19.185 | 277.066 | 40190.227 | 45211.930 | 29.529 | 30744.113 |
| 24.882 | 1.021 | 14.765 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 123.028 | 19.185 | 277.132 | 40182.781 | 45203.305 | 29.523 | 30738.248 |
| 24.886 | 1.021 | 14.776 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 123.060 | 19.186 | 277.205 | 40146.262 | 45160.863 | 29.492 | 30709.389 |
| 24.909 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 123.090 | 19.185 | 277.273 | 40189.008 | 45210.395 | 29.528 | 30743.070 |
| 24.882 | 1.021 | 14.767 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 123.124 | 19.187 | 277.349 | 40201.883 | 45222.832 | 29.537 | 30751.527 |
| 24.874 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 123.143 | 19.186 | 277.392 | 40227.602 | 45252.699 | 29.559 | 30771.838 |
| 24.859 | 1.021 | 14.774 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 123.165 | 19.189 | 277.440 | 40205.727 | 45225.379 | 29.539 | 30753.260 |
| 24.872 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 123.189 | 19.188 | 277.495 | 40223.285 | 45245.820 | 29.554 | 30767.160 |
| 24.861 | 1.021 | 14.763 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 123.191 | 19.191 | 277.499 | 40225.531 | 45245.453 | 29.554 | 30766.910 |
| 24.860 | 1.021 | 14.765 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 123.201 | 19.192 | 277.523 | 40230.406 | 45249.750 | 29.557 | 30769.830 |
| 24.857 | 1.021 | 14.763 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 123.209 | 19.187 | 277.541 | 40230.668 | 45255.215 | 29.561 | 30773.549 |
| 24.857 | 1.021 | 14.759 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 123.188 | 19.191 | 277.493 | 40246.543 | 45269.512 | 29.571 | 30783.270 |
| 24.847 | 1.021 | 14.768 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 123.191 | 19.188 | 277.500 | 40248.328 | 45274.332 | 29.575 | 30786.549 |
| 24.846 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 123.181 | 19.189 | 277.477 | 40241.477 | 45265.938 | 29.569 | 30780.840 |
| 24.850 | 1.021 | 14.771 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 123.188 | 19.187 | 277.493 | 40252.707 | 45279.672 | 29.578 | 30790.178 |
| 24.843 | 1.021 | 14.767 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 123.171 | 19.183 | 277.454 | 40278.176 | 45312.734 | 29.602 | 30812.662 |
| 24.827 | 1.021 | 14.770 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 123.120 | 19.185 | 277.340 | 40261.707 | 45292.430 | 29.588 | 30798.854 |
| 24.837 | 1.021 | 14.767 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 123.105 | 19.198 | 277.307 | 40276.520 | 45295.930 | 29.591 | 30801.232 |
| 24.828 | 1.021 | 14.766 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 123.079 | 19.212 | 277.248 | 40320.637 | 45331.777 | 29.617 | 30825.611 |
| 24.801 | 1.021 | 14.773 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 123.030 | 19.211 | 277.137 | 40300.113 | 45310.070 | 29.602 | 30810.848 |
| 24.814 | 1.021 | 14.771 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 123.013 | 19.210 | 277.098 | 40301.336 | 45312.715 | 29.603 | 30812.648 |
| 24.813 | 1.021 | 14.774 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 122.977 | 19.203 | 277.018 | 40348.301 | 45372.234 | 29.646 | 30853.121 |
| 24.784 | 1.021 | 14.778 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 122.919 | 19.202 | 276.888 | 40305.027 | 45324.758 | 29.612 | 30820.838 |
| 24.811 | 1.021 | 14.774 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 122.880 | 19.196 | 276.798 | 40266.367 | 45286.375 | 29.584 | 30794.734 |
| 24.835 | 1.021 | 14.777 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 122.850 | 19.188 | 276.732 | 40265.266 | 45292.945 | 29.588 | 30799.203 |
| 24.835 | 1.021 | 14.780 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 122.802 | 19.188 | 276.623 | 40252.508 | 45278.773 | 29.578 | 30789.568 |
| 24.843 | 1.021 | 14.786 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 122.771 | 19.186 | 276.553 | 40272.223 | 45302.895 | 29.595 | 30805.971 |
| 24.831 | 1.021 | 14.783 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 122.775 | 19.187 | 276.563 | 40257.848 | 45286.129 | 29.583 | 30794.568 |
| 24.840 | 1.021 | 14.782 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 122.706 | 19.180 | 276.407 | 40228.953 | 45260.250 | 29.564 | 30776.973 |
| 24.858 | 1.021 | 14.784 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 122.671 | 19.186 | 276.328 | 40191.441 | 45211.941 | 29.529 | 30744.123 |
| 24.881 | 1.021 | 14.790 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 122.638 | 19.179 | 276.255 | 40151.250 | 45174.188 | 29.501 | 30718.449 |
| 24.906 | 1.021 | 14.785 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 122.619 | 19.180 | 276.212 | 40164.438 | 45187.406 | 29.511 | 30727.439 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24.898 | 1.021 | 14.784 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 122.602 | 19.179 | 276.174 | 40122.539 | 45141.625 | 29.478 | 30696.307 |
| 24.924 | 1.021 | 14.780 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 122.608 | 19.175 | 276.187 | 40090.266 | 45109.457 | 29.454 | 30674.434 |
| 24.944 | 1.021 | 14.774 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 122.583 | 19.173 | 276.131 | 40106.305 | 45128.516 | 29.468 | 30687.391 |
| 24.934 | 1.021 | 14.778 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 122.563 | 19.172 | 276.085 | 40070.777 | 45089.730 | 29.440 | 30661.018 |
| 24.956 | 1.021 | 14.780 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 122.558 | 19.169 | 276.073 | 40045.832 | 45064.445 | 29.421 | 30643.824 |
| 24.971 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 122.548 | 19.168 | 276.051 | 40056.578 | 45077.469 | 29.431 | 30652.682 |
| 24.965 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 122.546 | 19.172 | 276.048 | 40016.875 | 45029.418 | 29.396 | 30620.004 |
| 24.989 | 1.021 | 14.767 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 122.552 | 19.177 | 276.060 | 39992.117 | 44996.398 | 29.372 | 30597.551 |
| 25.005 | 1.021 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 122.562 | 19.173 | 276.083 | 39969.945 | 44975.590 | 29.357 | 30583.404 |
| 25.019 | 1.021 | 14.762 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 122.566 | 19.163 | 276.092 | 39975.289 | 44991.648 | 29.368 | 30594.322 |
| 25.015 | 1.021 | 14.763 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 122.591 | 19.173 | 276.147 | 39957.277 | 44961.512 | 29.346 | 30573.830 |
| 25.027 | 1.021 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 122.586 | 19.168 | 276.136 | 39938.313 | 44944.551 | 29.334 | 30562.297 |
| 25.039 | 1.021 | 14.757 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 122.604 | 19.166 | 276.178 | 39944.813 | 44953.895 | 29.341 | 30568.648 |
| 25.035 | 1.021 | 14.750 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 122.632 | 19.171 | 276.240 | 39951.539 | 44957.070 | 29.343 | 30570.811 |
| 25.030 | 1.021 | 14.752 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 122.660 | 19.168 | 276.304 | 39912.773 | 44915.551 | 29.313 | 30542.576 |
| 25.055 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 122.695 | 19.166 | 276.383 | 39892.258 | 44895.004 | 29.298 | 30528.605 |
| 25.068 | 1.021 | 14.737 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 122.706 | 19.161 | 276.408 | 39932.508 | 44945.016 | 29.334 | 30562.613 |
| 25.042 | 1.021 | 14.732 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 122.738 | 19.162 | 276.480 | 39925.070 | 44935.715 | 29.327 | 30556.287 |
| 25.047 | 1.021 | 14.739 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 122.749 | 19.169 | 276.505 | 39913.082 | 44915.738 | 29.313 | 30542.703 |
| 25.054 | 1.021 | 14.736 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 122.779 | 19.168 | 276.572 | 39890.660 | 44891.594 | 29.295 | 30526.285 |
| 25.069 | 1.021 | 14.739 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 122.797 | 19.161 | 276.612 | 39918.676 | 44929.695 | 29.323 | 30552.195 |
| 25.051 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 122.820 | 19.160 | 276.663 | 39928.441 | 44941.535 | 29.331 | 30560.246 |
| 25.045 | 1.021 | 14.748 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 122.842 | 19.168 | 276.714 | 39918.938 | 44922.578 | 29.318 | 30547.355 |
| 25.051 | 1.021 | 14.745 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 122.854 | 19.167 | 276.741 | 39900.613 | 44902.883 | 29.304 | 30533.963 |
| 25.062 | 1.021 | 14.741 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 122.886 | 19.172 | 276.813 | 39917.160 | 44916.961 | 29.314 | 30543.535 |
| 25.052 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 122.878 | 19.172 | 276.795 | 39927.480 | 44928.992 | 29.323 | 30551.717 |
| 25.045 | 1.021 | 14.748 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 122.881 | 19.160 | 276.802 | 39926.512 | 44938.773 | 29.329 | 30558.369 |
| 25.046 | 1.021 | 14.749 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 122.918 | 19.165 | 276.885 | 39916.617 | 44923.680 | 29.319 | 30548.104 |
| 25.052 | 1.021 | 14.738 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 122.896 | 19.156 | 276.836 | 39898.586 | 44911.215 | 29.309 | 30539.629 |
| 25.064 | 1.021 | 14.749 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 122.899 | 19.148 | 276.842 | 39907.277 | 44929.430 | 29.322 | 30552.014 |
| 25.058 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 122.903 | 19.137 | 276.850 | 39891.832 | 44922.070 | 29.316 | 30547.008 |
| 25.068 | 1.021 | 14.742 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 122.890 | 19.138 | 276.822 | 39880.078 | 44908.582 | 29.306 | 30537.838 |
| 25.075 | 1.021 | 14.747 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 122.882 | 19.136 | 276.804 | 39899.313 | 44932.094 | 29.323 | 30553.826 |
| 25.063 | 1.021 | 14.748 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 122.871 | 19.128 | 276.778 | 39912.344 | 44954.020 | 29.339 | 30568.734 |
| 25.055 | 1.021 | 14.751 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 122.854 | 19.125 | 276.741 | 39901.320 | 44944.305 | 29.332 | 30562.129 |
| 25.062 | 1.021 | 14.749 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 122.826 | 19.127 | 276.678 | 39901.781 | 44942.883 | 29.331 | 30561.160 |
| 25.062 | 1.021 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 122.805 | 19.123 | 276.630 | 39918.352 | 44965.691 | 29.347 | 30576.672 |
| 25.051 | 1.021 | 14.755 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 122.801 | 19.123 | 276.622 | 39882.297 | 44924.730 | 29.318 | 30548.818 |
| 25.074 | 1.021 | 14.753 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 122.788 | 19.120 | 276.592 | 39884.133 | 44930.344 | 29.321 | 30552.637 |
| 25.073 | 1.021 | 14.756 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 122.758 | 19.117 | 276.525 | 39883.574 | 44932.664 | 29.323 | 30554.213 |
| 25.073 | 1.021 | 14.749 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 122.760 | 19.120 | 276.529 | 39897.898 | 44946.027 | 29.333 | 30563.301 |
| 25.064 | 1.021 | 14.754 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 122.703 | 19.142 | 276.401 | 39927.590 | 44958.285 | 29.343 | 30571.637 |
| 25.045 | 1.021 | 14.749 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 122.680 | 19.157 | 276.349 | 39924.684 | 44940.172 | 29.330 | 30559.318 |
| 25.047 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 122.669 | 19.167 | 276.325 | 39974.211 | 44986.387 | 29.364 | 30590.746 |
| 25.016 | 1.021 | 14.748 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 122.661 | 19.170 | 276.306 | 39965.383 | 44972.984 | 29.355 | 30581.631 |
| 25.022 | 1.021 | 14.743 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 122.635 | 19.173 | 276.247 | 39964.980 | 44970.004 | 29.353 | 30579.605 |
| 25.022 | 1.021 | 14.746 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 122.614 | 19.172 | 276.199 | 39988.309 | 44997.020 | 29.372 | 30597.975 |
| 25.007 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 122.605 | 19.173 | 276.180 | 40011.609 | 45021.965 | 29.390 | 30614.938 |
| 24.993 | 1.021 | 14.747 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 122.598 | 19.174 | 276.163 | 40016.676 | 45027.250 | 29.394 | 30618.531 |
| 24.990 | 1.021 | 14.755 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 122.588 | 19.174 | 276.141 | 40030.945 | 45043.047 | 29.406 | 30629.273 |
| 24.981 | 1.021 | 14.756 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 122.580 | 19.175 | 276.123 | 40025.445 | 45035.848 | 29.401 | 30624.379 |
| 24.984 | 1.021 | 14.763 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 122.591 | 19.176 | 276.147 | 40035.332 | 45046.465 | 29.408 | 30631.598 |
| 24.978 | 1.021 | 14.759 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 122.600 | 19.177 | 276.167 | 40057.641 | 45070.715 | 29.426 | 30648.086 |
| 24.964 | 1.021 | 14.755 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 122.613 | 19.178 | 276.198 | 40063.109 | 45075.859 | 29.430 | 30651.584 |
| 24.961 | 1.021 | 14.750 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 122.625 | 19.176 | 276.225 | 40094.547 | 45112.758 | 29.457 | 30676.678 |
| 24.941 | 1.021 | 14.753 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 122.652 | 19.178 | 276.286 | 40065.590 | 45078.223 | 29.432 | 30653.193 |
| 24.959 | 1.021 | 14.739 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 122.713 | 19.181 | 276.422 | 40102.398 | 45116.344 | 29.459 | 30679.115 |
| 24.936 | 1.021 | 14.736 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 122.704 | 19.178 | 276.403 | 40110.441 | 45128.605 | 29.468 | 30687.453 |
| 24.931 | 1.021 | 14.732 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 122.738 | 19.182 | 276.480 | 40138.367 | 45156.301 | 29.488 | 30706.287 |
| 24.914 | 1.021 | 14.725 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 122.793 | 19.180 | 276.604 | 40098.773 | 45113.355 | 29.457 | 30677.084 |
| 24.938 | 1.021 | 14.718 | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 122.816 | 19.181 | 276.656 | 40111.559 | 45126.902 | 29.467 | 30686.295 |
| 24.930 | 1.021 | 14.716 | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 122.859 | 19.184 | 276.752 | 40116.891 | 45130.453 | 29.470 | 30688.711 |
| 24.927 | 1.021 | 14.717 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 122.900 | 19.185 | 276.844 | 40138.859 | 45153.805 | 29.487 | 30704.590 |
| 24.914 | 1.021 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 122.923 | 19.183 | 276.896 | 40109.504 | 45122.387 | 29.464 | 30683.225 |
| 24.932 | 1.021 | 14.715 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 122.984 | 19.197 | 277.033 | 40161.469 | 45167.395 | 29.497 | 30713.828 |
| 24.899 | 1.021 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 123.044 | 19.198 | 277.169 | 40157.566 | 45162.313 | 29.494 | 30710.375 |
| 24.902 | 1.021 | 14.713 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 3:00:00 AM | 190800.000 | 123.084 | 19.233 | 277.260 | 40211.289 | 45189.199 | 29.515 | 30728.656 |
| 24.869 | 1.021 | 14.709 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 123.117 | 19.237 | 277.334 | 40250.301 | 45229.234 | 29.544 | 30755.881 |
| 24.845 | 1.021 | 14.708 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 123.179 | 19.231 | 277.472 | 40259.359 | 45244.414 | 29.555 | 30766.203 |
| 24.839 | 1.021 | 14.700 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 123.208 | 19.227 | 277.537 | 40280.695 | 45272.281 | 29.575 | 30785.154 |
| 24.826 | 1.021 | 14.699 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 123.256 | 19.224 | 277.647 | 40263.883 | 45256.359 | 29.563 | 30774.326 |
| 24.836 | 1.021 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 123.285 | 19.217 | 277.711 | 40233.051 | 45229.078 | 29.543 | 30755.775 |
| 24.855 | 1.021 | 14.697 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 123.307 | 19.218 | 277.760 | 40224.961 | 45218.879 | 29.536 | 30748.838 |
| 24.860 | 1.021 | 14.694 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 123.306 | 19.214 | 277.759 | 40220.168 | 45217.215 | 29.534 | 30747.709 |
| 24.863 | 1.021 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 123.349 | 19.207 | 277.855 | 40223.547 | 45227.453 | 29.541 | 30754.670 |
| 24.861 | 1.021 | 14.692 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 123.352 | 19.202 | 277.862 | 40245.871 | 45258.070 | 29.563 | 30775.490 |
| 24.847 | 1.021 | 14.689 | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 123.374 | 19.198 | 277.913 | 40207.594 | 45218.926 | 29.535 | 30748.871 |
| 24.871 | 1.021 | 14.697 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 123.344 | 19.195 | 277.844 | 40232.109 | 45249.461 | 29.557 | 30769.635 |
| 24.856 | 1.021 | 14.698 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 123.348 | 19.201 | 277.853 | 40229.836 | 45241.137 | 29.551 | 30763.973 |
| 24.857 | 1.021 | 14.700 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 123.368 | 19.196 | 277.898 | 40222.746 | 45237.566 | 29.548 | 30761.547 |
| 24.862 | 1.021 | 14.698 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 123.355 | 19.196 | 277.870 | 40213.797 | 45227.082 | 29.541 | 30754.418 |
| 24.867 | 1.021 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 123.321 | 19.185 | 277.794 | 40198.523 | 45220.844 | 29.536 | 30750.176 |
| 24.877 | 1.021 | 14.695 | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 123.292 | 19.188 | 277.727 | 40193.336 | 45212.473 | 29.530 | 30744.484 |
| 24.880 | 1.021 | 14.697 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 123.292 | 19.185 | 277.728 | 40237.180 | 45264.922 | 29.568 | 30780.148 |
| 24.853 | 1.021 | 14.699 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 123.237 | 19.182 | 277.604 | 40244.879 | 45276.469 | 29.576 | 30788.002 |
| 24.848 | 1.021 | 14.702 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 123.201 | 19.182 | 277.523 | 40208.305 | 45234.902 | 29.546 | 30759.734 |
| 24.870 | 1.021 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 123.174 | 19.184 | 277.462 | 40186.492 | 45208.402 | 29.526 | 30741.717 |
| 24.884 | 1.021 | 14.700 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 123.120 | 19.191 | 277.340 | 40158.148 | 45170.008 | 29.499 | 30715.607 |
| 24.902 | 1.021 | 14.714 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 123.091 | 19.183 | 277.274 | 40155.441 | 45175.000 | 29.502 | 30719.002 |
| 24.903 | 1.021 | 14.712 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 123.037 | 19.184 | 277.153 | 40149.371 | 45166.992 | 29.496 | 30713.557 |
| 24.907 | 1.021 | 14.716 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 123.002 | 19.182 | 277.074 | 40128.422 | 45144.688 | 29.480 | 30698.391 |
| 24.920 | 1.021 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 122.967 | 19.179 | 276.994 | 40087.867 | 45102.617 | 29.449 | 30669.781 |
| 24.945 | 1.021 | 14.718 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 122.901 | 19.181 | 276.847 | 40081.133 | 45093.273 | 29.443 | 30663.428 |
| 24.949 | 1.021 | 14.728 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 122.874 | 19.183 | 276.785 | 40030.832 | 45034.566 | 29.400 | 30623.506 |
| 24.981 | 1.021 | 14.726 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 122.828 | 19.176 | 276.682 | 40033.664 | 45043.914 | 29.407 | 30629.861 |
| 24.979 | 1.021 | 14.732 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 122.771 | 19.178 | 276.555 | 39975.227 | 44976.902 | 29.358 | 30584.295 |
| 25.015 | 1.021 | 14.742 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 122.742 | 19.174 | 276.489 | 39951.125 | 44953.824 | 29.341 | 30568.604 |
| 25.031 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 122.723 | 19.175 | 276.446 | 39961.949 | 44964.742 | 29.349 | 30576.027 |
| 25.024 | 1.021 | 14.732 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 122.672 | 19.174 | 276.331 | 39936.262 | 44936.930 | 29.329 | 30557.115 |
| 25.040 | 1.021 | 14.737 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 122.635 | 19.170 | 276.247 | 39911.176 | 44912.328 | 29.311 | 30540.385 |
| 25.056 | 1.021 | 14.730 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 122.597 | 19.174 | 276.163 | 39875.297 | 44868.168 | 29.279 | 30510.357 |
| 25.078 | 1.021 | 14.732 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 122.593 | 19.176 | 276.154 | 39847.227 | 44834.223 | 29.254 | 30487.271 |
| 25.096 | 1.021 | 14.727 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 122.566 | 19.170 | 276.093 | 39838.633 | 44830.863 | 29.251 | 30484.988 |
| 25.101 | 1.021 | 14.721 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 122.552 | 19.173 | 276.060 | 39852.605 | 44843.730 | 29.261 | 30493.738 |
| 25.092 | 1.021 | 14.720 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 122.532 | 19.170 | 276.015 | 39804.375 | 44791.973 | 29.223 | 30458.541 |
| 25.123 | 1.021 | 14.723 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 122.533 | 19.166 | 276.018 | 39785.168 | 44774.141 | 29.210 | 30446.416 |
| 25.135 | 1.021 | 14.716 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 122.526 | 19.167 | 276.001 | 39751.887 | 44736.188 | 29.183 | 30420.609 |
| 25.156 | 1.021 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 122.517 | 19.169 | 275.982 | 39727.113 | 44705.953 | 29.161 | 30400.051 |
| 25.172 | 1.021 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 122.532 | 19.167 | 276.015 | 39751.859 | 44735.480 | 29.182 | 30420.127 |
| 25.156 | 1.021 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 122.553 | 19.168 | 276.063 | 39759.270 | 44742.984 | 29.188 | 30425.232 |
| 25.151 | 1.021 | 14.714 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 122.549 | 19.173 | 276.053 | 39771.672 | 44752.742 | 29.195 | 30431.867 |
| 25.144 | 1.021 | 14.723 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 122.589 | 19.168 | 276.144 | 39754.742 | 44738.219 | 29.184 | 30421.990 |
| 25.154 | 1.021 | 14.721 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 122.605 | 19.171 | 276.181 | 39708.184 | 44683.223 | 29.144 | 30384.594 |
| 25.184 | 1.021 | 14.715 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 122.619 | 19.164 | 276.211 | 39731.902 | 44716.461 | 29.168 | 30407.193 |
| 25.169 | 1.021 | 14.724 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 122.675 | 19.170 | 276.338 | 39713.977 | 44690.176 | 29.149 | 30389.322 |
| 25.180 | 1.021 | 14.718 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 122.671 | 19.172 | 276.328 | 39717.109 | 44692.430 | 29.151 | 30390.854 |
| 25.178 | 1.021 | 14.732 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 122.692 | 19.179 | 276.377 | 39696.574 | 44661.879 | 29.129 | 30370.078 |
| 25.191 | 1.020 | 14.728 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 122.723 | 19.175 | 276.445 | 39694.805 | 44664.410 | 29.131 | 30371.799 |
| 25.192 | 1.021 | 14.731 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 122.754 | 19.171 | 276.516 | 39721.039 | 44697.691 | 29.155 | 30394.432 |
| 25.176 | 1.021 | 14.735 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 122.784 | 19.163 | 276.584 | 39687.711 | 44667.313 | 29.132 | 30373.775 |
| 25.197 | 1.021 | 14.736 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 122.812 | 19.159 | 276.646 | 39686.098 | 44669.520 | 29.134 | 30375.275 |
| 25.198 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 122.850 | 19.159 | 276.731 | 39688.523 | 44672.578 | 29.136 | 30377.355 |
| 25.196 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 122.884 | 19.158 | 276.807 | 39684.621 | 44668.941 | 29.133 | 30374.881 |
| 25.199 | 1.021 | 14.731 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 122.891 | 19.153 | 276.825 | 39696.996 | 44687.148 | 29.146 | 30387.262 |
| 25.191 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 122.904 | 19.149 | 276.854 | 39698.188 | 44692.855 | 29.150 | 30391.145 |
| 25.190 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 122.935 | 19.151 | 276.923 | 39717.590 | 44712.422 | 29.165 | 30404.449 |
| 25.178 | 1.021 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 122.946 | 19.151 | 276.948 | 39700.363 | 44693.711 | 29.151 | 30391.725 |
| 25.189 | 1.021 | 14.734 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 122.957 | 19.147 | 276.972 | 39702.352 | 44698.973 | 29.155 | 30395.303 |
| 25.187 | 1.021 | 14.728 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 122.982 | 19.146 | 277.029 | 39719.000 | 44719.469 | 29.170 | 30409.238 |
| 25.177 | 1.021 | 14.735 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 122.967 | 19.135 | 276.995 | 39746.668 | 44760.445 | 29.199 | 30437.105 |
| 25.159 | 1.021 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 122.972 | 19.131 | 277.006 | 39715.078 | 44729.078 | 29.176 | 30415.775 |
| 25.179 | 1.021 | 14.743 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 122.976 | 19.135 | 277.016 | 39697.359 | 44705.762 | 29.159 | 30399.920 |
| 25.191 | 1.021 | 14.741 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 122.948 | 19.148 | 276.953 | 39749.313 | 44751.500 | 29.193 | 30431.021 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 25.158 | 1.021 | 14.750 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 122.946 | 19.170 | 276.949 | 39768.918 | 44751.902 | 29.194 | 30431.293 |
| 25.145 | 1.021 | 14.753 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 122.940 | 19.180 | 276.934 | 39784.691 | 44760.168 | 29.201 | 30436.916 |
| 25.135 | 1.021 | 14.761 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 122.918 | 19.183 | 276.886 | 39816.520 | 44793.035 | 29.225 | 30459.266 |
| 25.115 | 1.021 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 122.917 | 19.185 | 276.883 | 39829.332 | 44806.191 | 29.234 | 30468.213 |
| 25.107 | 1.021 | 14.756 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 122.880 | 19.184 | 276.799 | 39827.133 | 44803.895 | 29.233 | 30466.650 |
| 25.109 | 1.021 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 122.870 | 19.184 | 276.777 | 39881.980 | 44865.836 | 29.277 | 30508.771 |
| 25.074 | 1.021 | 14.762 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 122.845 | 19.184 | 276.720 | 39869.867 | 44852.719 | 29.268 | 30499.852 |
| 25.082 | 1.021 | 14.764 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 122.839 | 19.183 | 276.707 | 39906.645 | 44894.262 | 29.298 | 30528.100 |
| 25.058 | 1.021 | 14.760 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 122.802 | 19.184 | 276.625 | 39902.953 | 44889.691 | 29.295 | 30524.992 |
| 25.061 | 1.021 | 14.754 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 122.777 | 19.183 | 276.568 | 39951.195 | 44944.801 | 29.335 | 30562.465 |
| 25.031 | 1.021 | 14.763 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 122.790 | 19.183 | 276.595 | 39912.094 | 44900.730 | 29.303 | 30532.498 |
| 25.055 | 1.021 | 14.748 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 122.756 | 19.182 | 276.520 | 40002.172 | 45002.918 | 29.377 | 30601.986 |
| 24.999 | 1.021 | 14.763 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 122.734 | 19.182 | 276.469 | 40013.074 | 45015.434 | 29.386 | 30610.498 |
| 24.992 | 1.021 | 14.759 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 122.721 | 19.182 | 276.442 | 39988.688 | 44987.996 | 29.366 | 30591.838 |
| 25.007 | 1.021 | 14.755 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 122.719 | 19.181 | 276.437 | 40029.918 | 45034.883 | 29.400 | 30623.723 |
| 24.981 | 1.021 | 14.753 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 122.722 | 19.182 | 276.442 | 40043.723 | 45049.660 | 29.411 | 30633.771 |
| 24.973 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 122.713 | 19.181 | 276.422 | 40078.836 | 45090.598 | 29.441 | 30661.609 |
| 24.951 | 1.021 | 14.746 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 122.706 | 19.181 | 276.407 | 40089.977 | 45102.625 | 29.449 | 30669.787 |
| 24.944 | 1.021 | 14.747 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 122.710 | 19.184 | 276.416 | 40081.230 | 45090.496 | 29.441 | 30661.539 |
| 24.949 | 1.021 | 14.753 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 122.710 | 19.190 | 276.415 | 40144.191 | 45155.230 | 29.488 | 30705.559 |
| 24.910 | 1.021 | 14.756 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 122.771 | 19.199 | 276.553 | 40141.863 | 45144.063 | 29.480 | 30697.963 |
| 24.912 | 1.021 | 14.744 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 122.768 | 19.225 | 276.548 | 40196.059 | 45179.277 | 29.507 | 30721.910 |
| 24.878 | 1.021 | 14.750 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 122.797 | 19.233 | 276.612 | 40181.180 | 45154.602 | 29.490 | 30705.129 |
| 24.887 | 1.021 | 14.751 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 122.842 | 19.231 | 276.713 | 40194.633 | 45171.918 | 29.502 | 30716.906 |
| 24.879 | 1.021 | 14.735 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 122.854 | 19.222 | 276.742 | 40159.043 | 45141.215 | 29.479 | 30696.029 |
| 24.901 | 1.021 | 14.743 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 122.897 | 19.217 | 276.837 | 40149.035 | 45134.199 | 29.474 | 30691.258 |
| 24.907 | 1.021 | 14.732 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 122.933 | 19.213 | 276.919 | 40142.270 | 45130.652 | 29.471 | 30688.844 |
| 24.911 | 1.021 | 14.733 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 122.939 | 19.209 | 276.932 | 40158.109 | 45151.930 | 29.487 | 30703.314 |
| 24.902 | 1.021 | 14.732 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 123.031 | 19.208 | 277.139 | 40151.898 | 45146.469 | 29.482 | 30699.600 |
| 24.905 | 1.021 | 14.718 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 123.076 | 19.203 | 277.240 | 40163.867 | 45164.332 | 29.495 | 30711.748 |
| 24.898 | 1.021 | 14.723 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 123.123 | 19.201 | 277.347 | 40157.883 | 45159.969 | 29.492 | 30708.781 |
| 24.902 | 1.021 | 14.713 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 123.141 | 19.199 | 277.388 | 40174.215 | 45180.535 | 29.507 | 30722.766 |
| 24.892 | 1.021 | 14.720 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 123.201 | 19.201 | 277.523 | 40168.352 | 45171.910 | 29.501 | 30716.900 |
| 24.895 | 1.021 | 14.709 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 123.207 | 19.192 | 277.537 | 40166.004 | 45178.156 | 29.505 | 30721.148 |
| 24.897 | 1.021 | 14.704 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 123.267 | 19.186 | 277.671 | 40161.938 | 45178.500 | 29.505 | 30721.383 |
| 24.899 | 1.021 | 14.686 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 123.301 | 19.188 | 277.749 | 40148.324 | 45161.914 | 29.493 | 30710.102 |
| 24.908 | 1.021 | 14.707 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 123.334 | 19.184 | 277.821 | 40134.328 | 45149.813 | 29.484 | 30701.873 |
| 24.916 | 1.021 | 14.704 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 123.354 | 19.183 | 277.867 | 40136.770 | 45153.230 | 29.486 | 30704.199 |
| 24.915 | 1.021 | 14.714 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 123.416 | 19.172 | 278.007 | 40127.676 | 45153.594 | 29.486 | 30704.445 |
| 24.920 | 1.021 | 14.693 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 123.447 | 19.170 | 278.076 | 40112.418 | 45138.363 | 29.475 | 30694.090 |
| 24.930 | 1.021 | 14.701 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 123.439 | 19.179 | 278.059 | 40099.711 | 45115.348 | 29.459 | 30678.438 |
| 24.938 | 1.021 | 14.696 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 123.470 | 19.188 | 278.128 | 40133.430 | 45144.906 | 29.480 | 30698.537 |
| 24.917 | 1.021 | 14.702 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 123.461 | 19.174 | 278.108 | 40125.281 | 45149.453 | 29.483 | 30701.629 |
| 24.922 | 1.021 | 14.699 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 123.501 | 19.169 | 278.198 | 40132.344 | 45161.969 | 29.492 | 30710.141 |
| 24.918 | 1.021 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 123.465 | 19.166 | 278.116 | 40084.789 | 45111.164 | 29.455 | 30675.592 |
| 24.947 | 1.021 | 14.708 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 123.465 | 19.172 | 278.116 | 40126.039 | 45152.168 | 29.485 | 30703.477 |
| 24.921 | 1.021 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 123.476 | 19.177 | 278.142 | 40131.570 | 45153.391 | 29.486 | 30704.307 |
| 24.918 | 1.021 | 14.705 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 123.473 | 19.172 | 278.136 | 40143.191 | 45171.469 | 29.499 | 30716.600 |
| 24.911 | 1.021 | 14.700 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 123.450 | 19.172 | 278.082 | 40126.273 | 45152.762 | 29.485 | 30703.881 |
| 24.921 | 1.021 | 14.702 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 123.409 | 19.176 | 277.991 | 40117.531 | 45138.691 | 29.475 | 30694.311 |
| 24.927 | 1.021 | 14.700 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 123.385 | 19.177 | 277.937 | 40070.777 | 45085.250 | 29.437 | 30657.973 |
| 24.956 | 1.021 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 123.353 | 19.174 | 277.865 | 40068.594 | 45086.000 | 29.437 | 30658.482 |
| 24.957 | 1.021 | 14.709 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 123.295 | 19.171 | 277.734 | 40084.105 | 45106.074 | 29.451 | 30672.133 |
| 24.948 | 1.021 | 14.711 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 123.265 | 19.179 | 277.665 | 40055.914 | 45066.754 | 29.423 | 30645.393 |
| 24.965 | 1.021 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 123.206 | 19.178 | 277.533 | 39999.078 | 45003.066 | 29.377 | 30602.088 |
| 25.001 | 1.021 | 14.719 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 123.167 | 19.178 | 277.445 | 40003.789 | 45009.199 | 29.381 | 30606.256 |
| 24.998 | 1.021 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 123.094 | 19.171 | 277.282 | 39979.969 | 44988.480 | 29.366 | 30592.168 |
| 25.013 | 1.021 | 14.727 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 123.049 | 19.178 | 277.180 | 39959.984 | 44959.496 | 29.345 | 30572.459 |
| 25.025 | 1.021 | 14.724 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 122.983 | 19.178 | 277.031 | 39901.805 | 44893.785 | 29.298 | 30527.775 |
| 25.062 | 1.021 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 122.935 | 19.174 | 276.922 | 39869.797 | 44861.895 | 29.274 | 30506.090 |
| 25.082 | 1.021 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 122.890 | 19.179 | 276.823 | 39841.313 | 44825.387 | 29.248 | 30481.266 |
| 25.100 | 1.021 | 14.720 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 122.825 | 19.174 | 276.676 | 39774.574 | 44754.910 | 29.196 | 30433.342 |
| 25.142 | 1.021 | 14.724 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 122.765 | 19.175 | 276.539 | 39784.184 | 44764.977 | 29.204 | 30440.186 |
| 25.136 | 1.021 | 14.729 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 122.732 | 19.175 | 276.466 | 39757.785 | 44734.609 | 29.182 | 30419.537 |
| 25.152 | 1.021 | 14.715 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 122.689 | 19.173 | 276.369 | 39729.203 | 44704.785 | 29.160 | 30399.256 |
| 25.170 | 1.021 | 14.700 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 122.632 | 19.172 | 276.240 | 39728.906 | 44704.879 | 29.160 | 30399.320 |
| 25.171 | 1.021 | 14.709 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/8/2017 12:15:00 PM | 310500.000 | 122.584 | 19.174 | 276.132 | 39675.609 | 44643.301 | 29.115 | 30357.447 |
| 25.204 | 1.020 | 14.710 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 122.563 | 19.174 | 276.086 | 39636.246 | 44599.008 | 29.083 | 30327.328 |
| 25.229 | 1.020 | 14.701 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 122.525 | 19.172 | 276.001 | 39641.262 | 44606.754 | 29.089 | 30332.596 |
| 25.226 | 1.020 | 14.697 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 122.516 | 19.172 | 275.980 | 39636.141 | 44600.992 | 29.085 | 30328.678 |
| 25.229 | 1.020 | 14.701 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 122.492 | 19.169 | 275.925 | 39613.051 | 44578.027 | 29.068 | 30313.061 |
| 25.244 | 1.020 | 14.690 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 122.468 | 19.171 | 275.871 | 39599.734 | 44561.105 | 29.056 | 30301.555 |
| 25.253 | 1.020 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 122.491 | 19.171 | 275.922 | 39563.891 | 44520.852 | 29.026 | 30274.182 |
| 25.276 | 1.020 | 14.688 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 122.456 | 19.176 | 275.843 | 39560.422 | 44512.109 | 29.020 | 30268.236 |
| 25.278 | 1.020 | 14.683 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 122.487 | 19.172 | 275.913 | 39551.793 | 44506.164 | 29.016 | 30264.193 |
| 25.283 | 1.020 | 14.676 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 122.471 | 19.173 | 275.877 | 39557.734 | 44511.930 | 29.020 | 30268.113 |
| 25.280 | 1.020 | 14.685 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 122.481 | 19.172 | 275.900 | 39535.938 | 44488.148 | 29.003 | 30251.943 |
| 25.293 | 1.020 | 14.694 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 122.520 | 19.176 | 275.989 | 39586.895 | 44541.566 | 29.042 | 30288.268 |
| 25.261 | 1.020 | 14.684 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 122.547 | 19.169 | 276.048 | 39532.922 | 44487.680 | 29.002 | 30251.625 |
| 25.295 | 1.020 | 14.686 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 122.579 | 19.176 | 276.122 | 39516.609 | 44462.148 | 28.984 | 30234.262 |
| 25.306 | 1.020 | 14.683 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 122.584 | 19.168 | 276.132 | 39538.547 | 44494.418 | 29.007 | 30256.207 |
| 25.292 | 1.020 | 14.689 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 122.637 | 19.169 | 276.251 | 39530.316 | 44484.410 | 29.000 | 30249.398 |
| 25.297 | 1.020 | 14.691 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 122.667 | 19.168 | 276.320 | 39525.742 | 44480.516 | 28.997 | 30246.752 |
| 25.300 | 1.020 | 14.695 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 122.703 | 19.175 | 276.401 | 39537.938 | 44487.152 | 29.002 | 30251.264 |
| 25.292 | 1.020 | 14.686 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 122.748 | 19.167 | 276.503 | 39509.480 | 44463.301 | 28.985 | 30235.047 |
| 25.310 | 1.020 | 14.684 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 122.798 | 19.159 | 276.614 | 39529.262 | 44492.898 | 29.006 | 30255.172 |
| 25.298 | 1.020 | 14.687 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 122.823 | 19.157 | 276.670 | 39539.570 | 44506.184 | 29.015 | 30264.205 |
| 25.291 | 1.020 | 14.689 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 122.847 | 19.149 | 276.725 | 39495.844 | 44465.379 | 28.985 | 30236.457 |
| 25.319 | 1.020 | 14.693 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 122.913 | 19.147 | 276.873 | 39500.223 | 44472.148 | 28.990 | 30241.063 |
| 25.316 | 1.020 | 14.686 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 122.937 | 19.144 | 276.928 | 39533.250 | 44511.668 | 29.019 | 30267.936 |
| 25.295 | 1.020 | 14.689 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 123.012 | 19.145 | 277.096 | 39525.277 | 44502.277 | 29.012 | 30261.551 |
| 25.300 | 1.020 | 14.687 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 122.994 | 19.144 | 277.055 | 39532.711 | 44510.809 | 29.018 | 30267.352 |
| 25.296 | 1.020 | 14.696 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 123.016 | 19.140 | 277.105 | 39549.078 | 44533.590 | 29.034 | 30282.842 |
| 25.285 | 1.020 | 14.703 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 123.036 | 19.153 | 277.150 | 39558.023 | 44530.957 | 29.033 | 30281.051 |
| 25.279 | 1.020 | 14.704 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 123.059 | 19.178 | 277.202 | 39600.449 | 44554.809 | 29.051 | 30297.271 |
| 25.252 | 1.020 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 123.072 | 19.188 | 277.231 | 39633.715 | 44582.457 | 29.072 | 30316.072 |
| 25.231 | 1.020 | 14.704 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 123.076 | 19.191 | 277.240 | 39664.426 | 44614.246 | 29.095 | 30337.688 |
| 25.212 | 1.020 | 14.711 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 123.086 | 19.193 | 277.264 | 39711.598 | 44666.043 | 29.133 | 30372.912 |
| 25.182 | 1.020 | 14.702 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 123.082 | 19.192 | 277.254 | 39732.422 | 44689.965 | 29.150 | 30389.178 |
| 25.168 | 1.021 | 14.705 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 123.079 | 19.193 | 277.248 | 39750.695 | 44710.020 | 29.165 | 30402.816 |
| 25.157 | 1.021 | 14.703 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 123.087 | 19.193 | 277.267 | 39776.176 | 44738.344 | 29.185 | 30422.076 |
| 25.141 | 1.021 | 14.706 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 123.070 | 19.193 | 277.227 | 39805.148 | 44771.266 | 29.209 | 30444.461 |
| 25.122 | 1.021 | 14.710 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 123.049 | 19.192 | 277.181 | 39814.965 | 44782.984 | 29.218 | 30452.432 |
| 25.116 | 1.021 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 123.061 | 19.191 | 277.208 | 39850.363 | 44823.215 | 29.247 | 30479.787 |
| 25.094 | 1.021 | 14.714 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 123.032 | 19.191 | 277.141 | 39859.719 | 44833.910 | 29.255 | 30487.061 |
| 25.088 | 1.021 | 14.718 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 122.988 | 19.191 | 277.043 | 39913.535 | 44894.699 | 29.299 | 30528.398 |
| 25.054 | 1.021 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 122.977 | 19.190 | 277.017 | 39902.195 | 44882.613 | 29.290 | 30520.180 |
| 25.061 | 1.021 | 14.717 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 122.957 | 19.190 | 276.973 | 39956.402 | 44943.586 | 29.334 | 30561.641 |
| 25.027 | 1.021 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 122.951 | 19.189 | 276.959 | 40011.406 | 45006.387 | 29.380 | 30604.346 |
| 24.993 | 1.021 | 14.716 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 122.914 | 19.189 | 276.876 | 40009.199 | 45004.574 | 29.378 | 30603.113 |
| 24.994 | 1.021 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 122.885 | 19.188 | 276.810 | 40008.270 | 45004.457 | 29.378 | 30603.033 |
| 24.995 | 1.021 | 14.719 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 122.874 | 19.187 | 276.786 | 40047.684 | 45049.215 | 29.411 | 30633.469 |
| 24.970 | 1.021 | 14.725 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 122.851 | 19.187 | 276.734 | 40054.613 | 45057.512 | 29.417 | 30639.109 |
| 24.966 | 1.021 | 14.728 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 122.836 | 19.187 | 276.700 | 40076.363 | 45081.977 | 29.435 | 30655.746 |
| 24.952 | 1.021 | 14.733 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 122.872 | 19.189 | 276.780 | 40075.629 | 45079.039 | 29.433 | 30653.748 |
| 24.953 | 1.021 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 122.829 | 19.207 | 276.685 | 40124.293 | 45116.695 | 29.461 | 30679.355 |
| 24.923 | 1.021 | 14.727 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 122.829 | 19.227 | 276.685 | 40180.938 | 45160.164 | 29.493 | 30708.914 |
| 24.887 | 1.021 | 14.720 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 122.827 | 19.229 | 276.680 | 40170.582 | 45147.008 | 29.484 | 30699.967 |
| 24.894 | 1.021 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 122.838 | 19.229 | 276.704 | 40179.266 | 45157.191 | 29.491 | 30706.893 |
| 24.888 | 1.021 | 14.721 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 122.863 | 19.226 | 276.761 | 40176.563 | 45156.859 | 29.491 | 30706.664 |
| 24.890 | 1.021 | 14.722 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 122.844 | 19.219 | 276.719 | 40173.422 | 45159.668 | 29.493 | 30708.576 |
| 24.892 | 1.021 | 14.710 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 122.849 | 19.214 | 276.729 | 40169.207 | 45159.582 | 29.492 | 30708.518 |
| 24.895 | 1.021 | 14.722 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 122.885 | 19.208 | 276.812 | 40164.664 | 45160.824 | 29.493 | 30709.361 |
| 24.898 | 1.021 | 14.723 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 122.895 | 19.207 | 276.832 | 40105.762 | 45095.098 | 29.445 | 30664.668 |
| 24.934 | 1.021 | 14.736 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 122.962 | 19.202 | 276.984 | 40114.949 | 45110.410 | 29.456 | 30675.082 |
| 24.928 | 1.021 | 14.740 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 122.968 | 19.202 | 276.996 | 40123.672 | 45120.816 | 29.464 | 30682.158 |
| 24.923 | 1.021 | 14.739 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 122.989 | 19.197 | 277.044 | 40101.195 | 45099.770 | 29.448 | 30667.846 |
| 24.937 | 1.021 | 14.746 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 123.049 | 19.196 | 277.180 | 40114.117 | 45115.906 | 29.460 | 30678.818 |
| 24.929 | 1.021 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 123.089 | 19.193 | 277.271 | 40098.828 | 45101.082 | 29.449 | 30668.738 |
| 24.938 | 1.021 | 14.739 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 123.143 | 19.192 | 277.392 | 40117.918 | 45124.070 | 29.465 | 30684.367 |
| 24.927 | 1.021 | 14.737 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 123.187 | 19.191 | 277.490 | 40077.344 | 45078.691 | 29.432 | 30653.512 |
| 24.952 | 1.021 | 14.738 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 123.214 | 19.188 | 277.550 | 40049.063 | 45050.184 | 29.412 | 30634.127 |
| 24.969 | 1.021 | 14.748 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 123.248 | 19.196 | 277.629 | 40090.039 | 45088.063 | 29.440 | 30659.883 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24.944 | 1.021 | 14.751 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 123.339 | 19.189 | 277.833 | 40025.777 | 45022.883 | 29.392 | 30615.563 |
| 24.984 | 1.021 | 14.741 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 123.351 | 19.181 | 277.859 | 40009.855 | 45012.230 | 29.384 | 30608.318 |
| 24.994 | 1.021 | 14.738 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 123.385 | 19.183 | 277.937 | 40038.977 | 45043.133 | 29.406 | 30629.332 |
| 24.976 | 1.021 | 14.750 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 123.435 | 19.185 | 278.049 | 40028.535 | 45029.445 | 29.396 | 30620.025 |
| 24.982 | 1.021 | 14.746 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 123.467 | 19.184 | 278.121 | 40015.164 | 45015.754 | 29.386 | 30610.715 |
| 24.991 | 1.021 | 14.741 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 123.496 | 19.187 | 278.186 | 40043.457 | 45044.711 | 29.408 | 30630.406 |
| 24.973 | 1.021 | 14.750 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 123.495 | 19.181 | 278.184 | 40004.945 | 45006.789 | 29.380 | 30604.617 |
| 24.997 | 1.021 | 14.754 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 123.540 | 19.181 | 278.285 | 39992.262 | 44993.367 | 29.370 | 30595.492 |
| 25.005 | 1.021 | 14.749 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 123.569 | 19.177 | 278.351 | 39991.953 | 44996.051 | 29.372 | 30597.316 |
| 25.005 | 1.021 | 14.754 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 123.541 | 19.177 | 278.288 | 39979.156 | 44981.582 | 29.361 | 30587.479 |
| 25.013 | 1.021 | 14.761 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 123.542 | 19.186 | 278.290 | 39996.680 | 44993.191 | 29.370 | 30595.373 |
| 25.002 | 1.021 | 14.760 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 123.524 | 19.183 | 278.249 | 40002.426 | 45002.516 | 29.377 | 30601.713 |
| 24.998 | 1.021 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 123.516 | 19.189 | 278.232 | 39962.605 | 44951.566 | 29.340 | 30567.068 |
| 25.023 | 1.021 | 14.766 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 123.499 | 19.178 | 278.194 | 39968.902 | 44969.527 | 29.353 | 30579.281 |
| 25.019 | 1.021 | 14.765 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 123.482 | 19.179 | 278.154 | 39963.277 | 44962.609 | 29.348 | 30574.576 |
| 25.023 | 1.021 | 14.769 | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 123.448 | 19.179 | 278.078 | 39954.453 | 44952.090 | 29.340 | 30567.424 |
| 25.028 | 1.021 | 14.775 | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 123.410 | 19.179 | 277.993 | 39939.641 | 44935.168 | 29.328 | 30555.916 |
| 25.038 | 1.021 | 14.771 | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 123.367 | 19.174 | 277.896 | 39907.859 | 44904.883 | 29.305 | 30535.322 |
| 25.058 | 1.021 | 14.779 | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 123.319 | 19.180 | 277.787 | 39905.492 | 44896.488 | 29.300 | 30529.615 |
| 25.059 | 1.021 | 14.786 | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 123.278 | 19.182 | 277.696 | 39862.930 | 44846.516 | 29.263 | 30495.633 |
| 25.086 | 1.021 | 14.787 | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 123.208 | 19.184 | 277.537 | 39797.020 | 44770.102 | 29.208 | 30443.672 |
| 25.128 | 1.021 | 14.790 | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 123.143 | 19.181 | 277.391 | 39782.223 | 44756.641 | 29.198 | 30434.518 |
| 25.137 | 1.021 | 14.796 | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 123.084 | 19.180 | 277.259 | 39782.430 | 44757.707 | 29.199 | 30435.242 |
| 25.137 | 1.021 | 14.796 | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 122.995 | 19.183 | 277.058 | 39749.711 | 44718.551 | 29.170 | 30408.617 |
| 25.157 | 1.021 | 14.803 | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 122.966 | 19.181 | 276.992 | 39670.930 | 44631.684 | 29.107 | 30349.547 |
| 25.207 | 1.020 | 14.799 | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 122.880 | 19.181 | 276.798 | 39646.980 | 44604.828 | 29.088 | 30331.285 |
| 25.223 | 1.020 | 14.804 | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 122.820 | 19.175 | 276.665 | 39635.133 | 44596.754 | 29.082 | 30325.795 |
| 25.230 | 1.020 | 14.794 | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 122.795 | 19.175 | 276.608 | 39594.801 | 44551.465 | 29.049 | 30294.998 |
| 25.256 | 1.020 | 14.784 | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 122.696 | 19.177 | 276.384 | 39622.441 | 44580.723 | 29.070 | 30314.895 |
| 25.238 | 1.020 | 14.781 | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 122.673 | 19.176 | 276.333 | 39544.645 | 44494.445 | 29.008 | 30256.225 |
| 25.288 | 1.020 | 14.773 | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 122.577 | 19.173 | 276.117 | 39531.082 | 44481.520 | 28.998 | 30247.436 |
| 25.297 | 1.020 | 14.777 | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 122.523 | 19.179 | 275.996 | 39484.164 | 44423.648 | 28.956 | 30208.084 |
| 25.327 | 1.020 | 14.782 | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 122.474 | 19.175 | 275.884 | 39469.555 | 44410.211 | 28.946 | 30198.943 |
| 25.336 | 1.020 | 14.772 | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 122.442 | 19.176 | 275.813 | 39444.191 | 44381.504 | 28.926 | 30179.426 |
| 25.352 | 1.020 | 14.768 | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 122.407 | 19.177 | 275.735 | 39447.703 | 44384.363 | 28.928 | 30181.367 |
| 25.350 | 1.020 | 14.768 | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 122.382 | 19.175 | 275.676 | 39384.867 | 44314.832 | 28.877 | 30134.086 |
| 25.390 | 1.020 | 14.773 | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 122.342 | 19.176 | 275.588 | 39379.941 | 44308.457 | 28.873 | 30129.754 |
| 25.394 | 1.020 | 14.785 | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 122.320 | 19.179 | 275.537 | 39373.871 | 44299.215 | 28.866 | 30123.469 |
| 25.398 | 1.020 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 122.329 | 19.174 | 275.557 | 39383.289 | 44314.145 | 28.877 | 30133.621 |
| 25.391 | 1.020 | 14.780 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 122.306 | 19.174 | 275.505 | 39341.383 | 44266.902 | 28.843 | 30101.496 |
| 25.419 | 1.020 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 122.313 | 19.179 | 275.523 | 39333.391 | 44253.598 | 28.833 | 30092.449 |
| 25.424 | 1.020 | 14.779 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 122.311 | 19.174 | 275.518 | 39339.488 | 44265.184 | 28.841 | 30100.326 |
| 25.420 | 1.020 | 14.776 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 122.323 | 19.175 | 275.545 | 39384.246 | 44314.223 | 28.877 | 30133.672 |
| 25.391 | 1.020 | 14.779 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 122.351 | 19.180 | 275.609 | 39337.469 | 44257.598 | 28.836 | 30095.168 |
| 25.421 | 1.020 | 14.776 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 122.377 | 19.183 | 275.666 | 39346.172 | 44264.566 | 28.841 | 30099.906 |
| 25.415 | 1.020 | 14.778 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 122.421 | 19.173 | 275.765 | 39357.500 | 44286.031 | 28.856 | 30114.504 |
| 25.408 | 1.020 | 14.782 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 122.442 | 19.176 | 275.813 | 39320.539 | 44241.793 | 28.824 | 30084.422 |
| 25.432 | 1.020 | 14.775 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 122.484 | 19.174 | 275.907 | 39322.555 | 44246.289 | 28.828 | 30087.479 |
| 25.431 | 1.020 | 14.779 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 122.532 | 19.172 | 276.015 | 39317.840 | 44242.652 | 28.825 | 30085.004 |
| 25.434 | 1.020 | 14.776 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 122.577 | 19.169 | 276.117 | 39276.570 | 44199.375 | 28.793 | 30055.578 |
| 25.460 | 1.020 | 14.773 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 122.629 | 19.168 | 276.234 | 39363.977 | 44298.055 | 28.865 | 30122.680 |
| 25.404 | 1.020 | 14.770 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 122.667 | 19.164 | 276.319 | 39346.098 | 44281.836 | 28.853 | 30111.650 |
| 25.415 | 1.020 | 14.765 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 122.716 | 19.154 | 276.430 | 39313.965 | 44255.047 | 28.833 | 30093.434 |
| 25.436 | 1.020 | 14.769 | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 122.767 | 19.153 | 276.545 | 39312.414 | 44254.223 | 28.832 | 30092.873 |
| 25.437 | 1.020 | 14.773 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 122.813 | 19.150 | 276.649 | 39313.160 | 44258.215 | 28.835 | 30095.586 |
| 25.437 | 1.020 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 122.856 | 19.162 | 276.745 | 39377.688 | 44319.555 | 28.880 | 30137.299 |
| 25.395 | 1.020 | 14.777 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 122.875 | 19.189 | 276.788 | 39404.426 | 44323.875 | 28.884 | 30140.236 |
| 25.378 | 1.020 | 14.774 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 122.953 | 19.197 | 276.964 | 39454.223 | 44372.566 | 28.920 | 30173.348 |
| 25.346 | 1.020 | 14.779 | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 122.969 | 19.198 | 276.999 | 39528.281 | 44454.602 | 28.980 | 30229.129 |
| 25.298 | 1.020 | 14.778 | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 123.012 | 19.200 | 277.096 | 39546.676 | 44473.797 | 28.994 | 30242.184 |
| 25.287 | 1.020 | 14.775 | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 123.046 | 19.199 | 277.173 | 39598.926 | 44532.805 | 29.036 | 30282.309 |
| 25.253 | 1.020 | 14.777 | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 123.030 | 19.200 | 277.137 | 39610.262 | 44544.891 | 29.045 | 30290.527 |
| 25.246 | 1.020 | 14.786 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 123.082 | 19.200 | 277.253 | 39668.547 | 44610.516 | 29.093 | 30335.152 |
| 25.209 | 1.020 | 14.782 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 123.071 | 19.200 | 277.228 | 39686.648 | 44630.613 | 29.107 | 30348.818 |
| 25.197 | 1.020 | 14.774 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 123.095 | 19.200 | 277.284 | 39739.613 | 44690.355 | 29.151 | 30389.443 |
| 25.164 | 1.021 | 14.783 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 123.075 | 19.200 | 277.238 | 39791.551 | 44749.094 | 29.193 | 30429.387 |
| 25.131 | 1.021 | 14.780 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/9/2017 9:30:00 PM | 430200.000 | 123.080 | 19.199 | 277.250 | 39796.879 | 44755.668 | 29.198 | 30433.857 |
| 25.128 | 1.021 | 14.771 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 123.094 | 19.199 | 277.282 | 39844.770 | 44809.277 | 29.237 | 30470.311 |
| 25.097 | 1.021 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 123.070 | 19.199 | 277.227 | 39878.637 | 44848.035 | 29.265 | 30496.666 |
| 25.076 | 1.021 | 14.775 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 123.038 | 19.198 | 277.155 | 39902.344 | 44875.719 | 29.285 | 30515.490 |
| 25.061 | 1.021 | 14.779 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 123.035 | 19.197 | 277.149 | 39940.578 | 44919.051 | 29.317 | 30544.957 |
| 25.037 | 1.021 | 14.785 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 123.040 | 19.197 | 277.161 | 39980.996 | 44965.094 | 29.350 | 30576.266 |
| 25.012 | 1.021 | 14.780 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 123.005 | 19.195 | 277.080 | 39995.770 | 44982.887 | 29.363 | 30588.365 |
| 25.003 | 1.021 | 14.776 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 122.966 | 19.195 | 276.993 | 39994.168 | 44981.680 | 29.362 | 30587.543 |
| 25.004 | 1.021 | 14.783 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 122.945 | 19.195 | 276.947 | 40072.289 | 45069.371 | 29.426 | 30647.174 |
| 24.955 | 1.021 | 14.772 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 122.933 | 19.196 | 276.919 | 40078.957 | 45075.941 | 29.431 | 30651.643 |
| 24.951 | 1.021 | 14.769 | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 122.921 | 19.209 | 276.892 | 40142.395 | 45134.766 | 29.474 | 30691.643 |
| 24.911 | 1.021 | 14.772 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 122.903 | 19.226 | 276.850 | 40129.207 | 45103.039 | 29.452 | 30670.068 |
| 24.920 | 1.021 | 14.777 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 122.876 | 19.238 | 276.790 | 40143.180 | 45107.000 | 29.455 | 30672.762 |
| 24.911 | 1.021 | 14.776 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 122.854 | 19.237 | 276.741 | 40156.289 | 45123.156 | 29.467 | 30683.748 |
| 24.903 | 1.021 | 14.769 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 122.845 | 19.230 | 276.720 | 40194.574 | 45172.785 | 29.503 | 30717.494 |
| 24.879 | 1.021 | 14.766 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 122.822 | 19.226 | 276.668 | 40162.332 | 45140.867 | 29.479 | 30695.791 |
| 24.899 | 1.021 | 14.770 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 122.834 | 19.220 | 276.695 | 40144.258 | 45125.879 | 29.468 | 30685.598 |
| 24.910 | 1.021 | 14.767 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 122.799 | 19.216 | 276.617 | 40164.633 | 45152.918 | 29.488 | 30703.984 |
| 24.898 | 1.021 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 122.820 | 19.212 | 276.665 | 40126.582 | 45113.523 | 29.459 | 30677.197 |
| 24.921 | 1.021 | 14.771 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 122.839 | 19.209 | 276.707 | 40132.098 | 45123.270 | 29.466 | 30683.826 |
| 24.918 | 1.021 | 14.766 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 122.820 | 19.205 | 276.664 | 40116.293 | 45108.723 | 29.455 | 30673.934 |
| 24.928 | 1.021 | 14.769 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 122.874 | 19.204 | 276.786 | 40113.145 | 45106.184 | 29.453 | 30672.207 |
| 24.929 | 1.021 | 14.770 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 122.883 | 19.201 | 276.805 | 40095.898 | 45089.676 | 29.441 | 30660.982 |
| 24.940 | 1.021 | 14.762 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 122.921 | 19.197 | 276.891 | 40084.363 | 45081.008 | 29.434 | 30655.086 |
| 24.947 | 1.021 | 14.759 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 122.962 | 19.199 | 276.983 | 40102.609 | 45099.242 | 29.448 | 30667.486 |
| 24.936 | 1.021 | 14.754 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 122.960 | 19.194 | 276.979 | 40043.426 | 45037.500 | 29.403 | 30625.502 |
| 24.973 | 1.021 | 14.757 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 123.011 | 19.194 | 277.095 | 40028.008 | 45020.074 | 29.390 | 30613.650 |
| 24.983 | 1.021 | 14.761 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 123.048 | 19.191 | 277.179 | 39998.910 | 44990.301 | 29.368 | 30593.406 |
| 25.001 | 1.021 | 14.753 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 123.126 | 19.191 | 277.353 | 40016.344 | 45010.508 | 29.383 | 30607.146 |
| 24.990 | 1.021 | 14.749 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 123.143 | 19.196 | 277.393 | 40003.344 | 44990.902 | 29.369 | 30593.816 |
| 24.998 | 1.021 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 123.200 | 19.186 | 277.520 | 39936.492 | 44925.223 | 29.321 | 30549.154 |
| 25.040 | 1.021 | 14.744 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 123.263 | 19.191 | 277.663 | 39931.547 | 44915.289 | 29.314 | 30542.398 |
| 25.043 | 1.021 | 14.733 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 123.297 | 19.191 | 277.738 | 39959.684 | 44946.348 | 29.336 | 30563.518 |
| 25.025 | 1.021 | 14.741 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 123.353 | 19.188 | 277.866 | 39957.145 | 44946.859 | 29.337 | 30563.867 |
| 25.027 | 1.021 | 14.735 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 123.427 | 19.185 | 278.032 | 39921.980 | 44910.086 | 29.310 | 30538.859 |
| 25.049 | 1.021 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 123.447 | 19.184 | 278.076 | 39912.176 | 44899.805 | 29.302 | 30531.867 |
| 25.055 | 1.021 | 14.740 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 123.479 | 19.184 | 278.149 | 39890.125 | 44875.508 | 29.284 | 30515.346 |
| 25.069 | 1.021 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 123.515 | 19.187 | 278.230 | 39879.117 | 44859.508 | 29.273 | 30504.467 |
| 25.076 | 1.021 | 14.734 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 123.540 | 19.185 | 278.287 | 39853.668 | 44833.320 | 29.254 | 30486.660 |
| 25.092 | 1.021 | 14.742 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 123.611 | 19.186 | 278.447 | 39885.957 | 44868.895 | 29.280 | 30510.850 |
| 25.071 | 1.021 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 123.593 | 19.190 | 278.406 | 39866.219 | 44842.813 | 29.261 | 30493.115 |
| 25.084 | 1.021 | 14.740 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 123.612 | 19.196 | 278.447 | 39848.180 | 44816.645 | 29.242 | 30475.318 |
| 25.095 | 1.021 | 14.737 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 123.615 | 19.185 | 278.455 | 39855.766 | 44835.598 | 29.256 | 30488.209 |
| 25.090 | 1.021 | 14.739 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 123.632 | 19.192 | 278.493 | 39836.648 | 44807.035 | 29.235 | 30468.787 |
| 25.103 | 1.021 | 14.737 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 123.612 | 19.188 | 278.448 | 39836.543 | 44810.527 | 29.238 | 30471.158 |
| 25.103 | 1.021 | 14.739 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 123.609 | 19.185 | 278.441 | 39840.266 | 44817.902 | 29.243 | 30476.176 |
| 25.100 | 1.021 | 14.743 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 123.582 | 19.185 | 278.380 | 39842.742 | 44821.027 | 29.245 | 30478.301 |
| 25.099 | 1.021 | 14.740 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 123.558 | 19.185 | 278.326 | 39809.215 | 44783.230 | 29.218 | 30452.598 |
| 25.120 | 1.021 | 14.747 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 123.523 | 19.188 | 278.249 | 39758.309 | 44722.688 | 29.174 | 30411.428 |
| 25.152 | 1.021 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 123.487 | 19.191 | 278.167 | 39734.133 | 44693.148 | 29.152 | 30391.344 |
| 25.167 | 1.021 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 123.444 | 19.187 | 278.070 | 39700.230 | 44658.457 | 29.127 | 30367.754 |
| 25.189 | 1.020 | 14.750 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 123.393 | 19.186 | 277.955 | 39641.242 | 44593.016 | 29.080 | 30323.252 |
| 25.226 | 1.020 | 14.746 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 123.345 | 19.188 | 277.848 | 39603.539 | 44548.688 | 29.047 | 30293.107 |
| 25.250 | 1.020 | 14.743 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 123.269 | 19.186 | 277.675 | 39610.035 | 44558.246 | 29.054 | 30299.607 |
| 25.246 | 1.020 | 14.740 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 123.221 | 19.188 | 277.567 | 39542.938 | 44480.926 | 28.998 | 30247.029 |
| 25.289 | 1.020 | 14.733 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 123.141 | 19.185 | 277.386 | 39506.547 | 44442.578 | 28.970 | 30220.955 |
| 25.312 | 1.020 | 14.730 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 123.104 | 19.187 | 277.303 | 39466.004 | 44394.719 | 28.936 | 30188.410 |
| 25.338 | 1.020 | 14.729 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 122.989 | 19.190 | 277.045 | 39403.773 | 44322.148 | 28.883 | 30139.063 |
| 25.378 | 1.020 | 14.730 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 122.928 | 19.188 | 276.907 | 39338.832 | 44251.336 | 28.832 | 30090.910 |
| 25.420 | 1.020 | 14.717 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 122.853 | 19.187 | 276.739 | 39305.281 | 44214.180 | 28.805 | 30065.643 |
| 25.442 | 1.020 | 14.716 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 122.790 | 19.188 | 276.596 | 39279.688 | 44184.891 | 28.784 | 30045.729 |
| 25.458 | 1.020 | 14.707 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 122.732 | 19.186 | 276.465 | 39234.992 | 44135.770 | 28.748 | 30012.326 |
| 25.487 | 1.020 | 14.700 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 122.655 | 19.186 | 276.293 | 39187.227 | 44082.039 | 28.709 | 29975.789 |
| 25.519 | 1.020 | 14.708 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 122.604 | 19.185 | 276.177 | 39166.988 | 44061.086 | 28.694 | 29961.541 |
| 25.532 | 1.020 | 14.696 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 122.554 | 19.185 | 276.065 | 39136.988 | 44026.512 | 28.669 | 29938.029 |
| 25.551 | 1.020 | 14.698 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 122.482 | 19.187 | 275.902 | 39117.258 | 44002.590 | 28.652 | 29921.762 |
| 25.564 | 1.020 | 14.694 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 122.485 | 19.186 | 275.909 | 39097.727 | 43982.102 | 28.637 | 29907.832 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 25.577 | 1.020 | 14.689 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 122.410 | 19.183 | 275.742 | 39060.227 | 43942.793 | 28.608 | 29881.102 |
| 25.601 | 1.020 | 14.677 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 122.363 | 19.183 | 275.635 | 39054.387 | 43935.977 | 28.603 | 29876.467 |
| 25.605 | 1.020 | 14.688 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 122.343 | 19.185 | 275.589 | 39045.480 | 43924.070 | 28.595 | 29868.367 |
| 25.611 | 1.020 | 14.683 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 122.322 | 19.184 | 275.542 | 39041.121 | 43920.066 | 28.592 | 29865.646 |
| 25.614 | 1.020 | 14.681 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 122.300 | 19.188 | 275.493 | 39028.930 | 43902.410 | 28.579 | 29853.639 |
| 25.622 | 1.020 | 14.679 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 122.305 | 19.187 | 275.504 | 39016.262 | 43888.891 | 28.569 | 29844.445 |
| 25.630 | 1.020 | 14.671 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 122.314 | 19.188 | 275.524 | 39011.141 | 43882.977 | 28.565 | 29840.426 |
| 25.634 | 1.020 | 14.666 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 122.372 | 19.182 | 275.654 | 39029.574 | 43908.813 | 28.583 | 29857.994 |
| 25.622 | 1.020 | 14.664 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 122.360 | 19.179 | 275.628 | 39014.465 | 43894.613 | 28.573 | 29848.340 |
| 25.632 | 1.020 | 14.663 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 122.394 | 19.185 | 275.704 | 39027.895 | 43904.613 | 28.581 | 29855.139 |
| 25.623 | 1.020 | 14.666 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 122.392 | 19.175 | 275.700 | 39007.277 | 43890.805 | 28.570 | 29845.748 |
| 25.636 | 1.020 | 14.662 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 122.466 | 19.170 | 275.867 | 39022.543 | 43912.176 | 28.585 | 29860.281 |
| 25.626 | 1.020 | 14.640 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 122.478 | 19.172 | 275.894 | 39025.207 | 43913.203 | 28.586 | 29860.979 |
| 25.624 | 1.020 | 14.647 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 122.565 | 19.170 | 276.090 | 39058.895 | 43953.336 | 28.615 | 29888.271 |
| 25.602 | 1.020 | 14.637 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 122.592 | 19.164 | 276.150 | 39026.332 | 43921.797 | 28.592 | 29866.822 |
| 25.624 | 1.020 | 14.649 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 122.649 | 19.160 | 276.279 | 39014.125 | 43912.676 | 28.585 | 29860.621 |
| 25.632 | 1.020 | 14.648 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 122.703 | 19.187 | 276.400 | 39089.613 | 43972.063 | 28.629 | 29901.002 |
| 25.582 | 1.020 | 14.644 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 122.773 | 19.205 | 276.558 | 39166.918 | 44041.348 | 28.680 | 29948.119 |
| 25.532 | 1.020 | 14.638 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 122.807 | 19.209 | 276.635 | 39206.020 | 44081.441 | 28.710 | 29975.383 |
| 25.506 | 1.020 | 14.639 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 122.899 | 19.210 | 276.842 | 39241.625 | 44120.574 | 28.738 | 30001.992 |
| 25.483 | 1.020 | 14.625 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 122.896 | 19.211 | 276.835 | 39308.555 | 44194.816 | 28.792 | 30052.477 |
| 25.440 | 1.020 | 14.628 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 123.029 | 19.212 | 277.135 | 39379.355 | 44274.172 | 28.849 | 30106.439 |
| 25.394 | 1.020 | 14.617 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 123.037 | 19.214 | 277.152 | 39434.809 | 44334.785 | 28.893 | 30147.656 |
| 25.358 | 1.020 | 14.624 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 123.062 | 19.213 | 277.210 | 39493.676 | 44401.707 | 28.942 | 30193.160 |
| 25.321 | 1.020 | 14.617 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 123.129 | 19.213 | 277.360 | 39540.000 | 44453.621 | 28.980 | 30228.465 |
| 25.291 | 1.020 | 14.616 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 123.142 | 19.213 | 277.390 | 39613.547 | 44535.891 | 29.039 | 30284.408 |
| 25.244 | 1.020 | 14.619 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 123.225 | 19.213 | 277.576 | 39637.625 | 44563.215 | 29.059 | 30302.988 |
| 25.229 | 1.020 | 14.607 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 123.252 | 19.214 | 277.638 | 39657.539 | 44585.102 | 29.075 | 30317.871 |
| 25.216 | 1.020 | 14.612 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 123.275 | 19.213 | 277.689 | 39730.391 | 44667.590 | 29.135 | 30373.963 |
| 25.170 | 1.020 | 14.635 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 123.223 | 19.213 | 277.571 | 39774.598 | 44717.625 | 29.171 | 30407.986 |
| 25.142 | 1.021 | 14.649 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 123.285 | 19.212 | 277.711 | 39787.590 | 44732.816 | 29.182 | 30418.318 |
| 25.133 | 1.021 | 14.644 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 123.235 | 19.212 | 277.598 | 39855.699 | 44809.563 | 29.238 | 30470.502 |
| 25.091 | 1.021 | 14.659 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 123.287 | 19.211 | 277.716 | 39863.043 | 44818.492 | 29.244 | 30476.576 |
| 25.086 | 1.021 | 14.652 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 123.268 | 19.211 | 277.673 | 39881.277 | 44838.910 | 29.259 | 30490.461 |
| 25.074 | 1.021 | 14.645 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 123.251 | 19.213 | 277.635 | 39942.668 | 44906.586 | 29.308 | 30536.480 |
| 25.036 | 1.021 | 14.655 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 123.257 | 19.224 | 277.649 | 39974.801 | 44931.934 | 29.327 | 30553.717 |
| 25.016 | 1.021 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 123.215 | 19.233 | 277.553 | 39997.926 | 44949.168 | 29.340 | 30565.436 |
| 25.001 | 1.021 | 14.660 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 123.208 | 19.244 | 277.539 | 39972.121 | 44909.320 | 29.312 | 30538.340 |
| 25.017 | 1.021 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 123.164 | 19.242 | 277.440 | 40030.750 | 44977.633 | 29.361 | 30584.793 |
| 24.981 | 1.021 | 14.657 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 123.157 | 19.234 | 277.423 | 39991.574 | 44940.852 | 29.334 | 30559.779 |
| 25.005 | 1.021 | 14.660 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 123.125 | 19.231 | 277.351 | 39986.500 | 44937.680 | 29.332 | 30557.625 |
| 25.008 | 1.021 | 14.651 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 123.101 | 19.225 | 277.296 | 39990.867 | 44949.148 | 29.340 | 30565.424 |
| 25.006 | 1.021 | 14.657 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 123.084 | 19.222 | 277.258 | 39986.609 | 44947.230 | 29.338 | 30564.119 |
| 25.008 | 1.021 | 14.661 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 123.080 | 19.214 | 277.250 | 39958.031 | 44922.594 | 29.320 | 30547.365 |
| 25.026 | 1.021 | 14.657 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 123.033 | 19.214 | 277.145 | 39919.555 | 44878.996 | 29.288 | 30517.717 |
| 25.050 | 1.021 | 14.652 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 122.996 | 19.214 | 277.061 | 39899.949 | 44857.293 | 29.273 | 30502.961 |
| 25.063 | 1.021 | 14.662 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 122.997 | 19.210 | 277.063 | 39848.766 | 44803.539 | 29.233 | 30466.408 |
| 25.095 | 1.021 | 14.666 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 122.973 | 19.211 | 277.009 | 39814.762 | 44764.383 | 29.205 | 30439.783 |
| 25.116 | 1.021 | 14.669 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 122.929 | 19.207 | 276.910 | 39781.965 | 44731.605 | 29.181 | 30417.494 |
| 25.137 | 1.021 | 14.665 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 122.911 | 19.205 | 276.868 | 39721.977 | 44665.332 | 29.133 | 30372.428 |
| 25.175 | 1.020 | 14.666 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 122.951 | 19.203 | 276.959 | 39697.637 | 44639.883 | 29.114 | 30355.121 |
| 25.190 | 1.020 | 14.671 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 122.953 | 19.205 | 276.965 | 39684.371 | 44623.453 | 29.102 | 30343.951 |
| 25.199 | 1.020 | 14.672 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 122.931 | 19.199 | 276.915 | 39633.426 | 44572.270 | 29.065 | 30309.146 |
| 25.231 | 1.020 | 14.668 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 122.972 | 19.202 | 277.007 | 39577.789 | 44506.285 | 29.017 | 30264.275 |
| 25.267 | 1.020 | 14.675 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 122.995 | 19.202 | 277.059 | 39539.672 | 44464.004 | 28.987 | 30235.525 |
| 25.291 | 1.020 | 14.671 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 123.009 | 19.199 | 277.090 | 39502.965 | 44425.469 | 28.959 | 30209.320 |
| 25.315 | 1.020 | 14.676 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 123.031 | 19.197 | 277.140 | 39484.191 | 44405.938 | 28.944 | 30196.039 |
| 25.327 | 1.020 | 14.678 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 123.074 | 19.198 | 277.236 | 39443.355 | 44359.434 | 28.911 | 30164.418 |
| 25.353 | 1.020 | 14.679 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 123.102 | 19.198 | 277.298 | 39457.406 | 44374.648 | 28.922 | 30174.764 |
| 25.344 | 1.020 | 14.680 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 123.167 | 19.200 | 277.445 | 39409.371 | 44319.219 | 28.882 | 30137.070 |
| 25.375 | 1.020 | 14.675 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 123.202 | 19.200 | 277.525 | 39438.613 | 44352.102 | 28.905 | 30159.432 |
| 25.356 | 1.020 | 14.669 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 123.246 | 19.200 | 277.624 | 39381.402 | 44287.184 | 28.858 | 30115.285 |
| 25.393 | 1.020 | 14.671 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 123.321 | 19.197 | 277.792 | 39344.234 | 44248.207 | 28.830 | 30088.783 |
| 25.417 | 1.020 | 14.672 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 123.363 | 19.199 | 277.887 | 39340.508 | 44242.105 | 28.826 | 30084.635 |
| 25.419 | 1.020 | 14.673 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 123.356 | 19.199 | 277.873 | 39336.023 | 44237.805 | 28.822 | 30081.709 |
| 25.422 | 1.020 | 14.679 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 123.415 | 19.198 | 278.005 | 39350.199 | 44254.078 | 28.834 | 30092.775 |
| 25.413 | 1.020 | 14.688 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/11/2017 6:45:00 AM | 549900.000 | 123.468 | 19.198 | 278.125 | 39307.383 | 44206.270 | 28.800 | 30060.264 |
| 25.441 | 1.020 | 14.681 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 123.510 | 19.199 | 278.219 | 39346.605 | 44249.125 | 28.831 | 30089.406 |
| 25.415 | 1.020 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 123.559 | 19.198 | 278.329 | 39339.320 | 44242.012 | 28.825 | 30084.570 |
| 25.420 | 1.020 | 14.683 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 123.625 | 19.193 | 278.478 | 39347.691 | 44256.570 | 28.836 | 30094.471 |
| 25.414 | 1.020 | 14.687 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 123.624 | 19.195 | 278.476 | 39338.617 | 44244.211 | 28.827 | 30086.064 |
| 25.420 | 1.020 | 14.689 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 123.659 | 19.196 | 278.553 | 39365.242 | 44273.492 | 28.848 | 30105.977 |
| 25.403 | 1.020 | 14.696 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 123.689 | 19.182 | 278.622 | 39305.172 | 44219.117 | 28.808 | 30069.002 |
| 25.442 | 1.020 | 14.698 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 123.724 | 19.209 | 278.699 | 39349.207 | 44242.852 | 28.827 | 30085.141 |
| 25.413 | 1.020 | 14.702 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 123.720 | 19.226 | 278.690 | 39383.953 | 44265.750 | 28.844 | 30100.711 |
| 25.391 | 1.020 | 14.694 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 123.712 | 19.213 | 278.674 | 39409.660 | 44307.426 | 28.874 | 30129.053 |
| 25.374 | 1.020 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 123.746 | 19.199 | 278.749 | 39387.961 | 44295.969 | 28.865 | 30121.262 |
| 25.388 | 1.020 | 14.702 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 123.765 | 19.203 | 278.793 | 39351.887 | 44251.996 | 28.833 | 30091.357 |
| 25.412 | 1.020 | 14.704 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 123.750 | 19.207 | 278.759 | 39381.391 | 44280.609 | 28.854 | 30110.814 |
| 25.393 | 1.020 | 14.714 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 123.670 | 19.209 | 278.578 | 39347.105 | 44240.820 | 28.825 | 30083.760 |
| 25.415 | 1.020 | 14.709 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 123.666 | 19.206 | 278.569 | 39321.160 | 44214.547 | 28.806 | 30065.893 |
| 25.432 | 1.020 | 14.720 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 123.573 | 19.208 | 278.361 | 39266.293 | 44150.211 | 28.759 | 30022.146 |
| 25.467 | 1.020 | 14.719 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 123.553 | 19.209 | 278.314 | 39227.289 | 44105.770 | 28.727 | 29991.926 |
| 25.492 | 1.020 | 14.726 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 123.475 | 19.208 | 278.139 | 39152.254 | 44022.563 | 28.667 | 29935.344 |
| 25.541 | 1.020 | 14.724 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 123.436 | 19.210 | 278.053 | 39043.063 | 43897.652 | 28.577 | 29850.406 |
| 25.613 | 1.020 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 123.332 | 19.213 | 277.818 | 38964.504 | 43806.609 | 28.511 | 29788.496 |
| 25.664 | 1.020 | 14.722 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 123.267 | 19.216 | 277.671 | 38871.277 | 43699.012 | 28.433 | 29715.330 |
| 25.726 | 1.020 | 14.721 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 123.235 | 19.215 | 277.598 | 38745.414 | 43558.738 | 28.332 | 29619.943 |
| 25.810 | 1.020 | 14.719 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 123.170 | 19.217 | 277.453 | 38646.250 | 43445.063 | 28.249 | 29542.645 |
| 25.876 | 1.020 | 14.714 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 123.079 | 19.215 | 277.248 | 38539.223 | 43326.777 | 28.164 | 29462.209 |
| 25.948 | 1.020 | 14.712 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 122.964 | 19.217 | 276.989 | 38455.023 | 43230.414 | 28.094 | 29396.684 |
| 26.004 | 1.020 | 14.708 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 122.888 | 19.216 | 276.817 | 38423.816 | 43195.977 | 28.069 | 29373.264 |
| 26.026 | 1.020 | 14.707 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 122.847 | 19.218 | 276.726 | 38273.188 | 43024.223 | 27.946 | 29256.473 |
| 26.128 | 1.020 | 14.708 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 122.749 | 19.217 | 276.504 | 38217.008 | 42962.281 | 27.901 | 29214.354 |
| 26.166 | 1.020 | 14.704 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 122.689 | 19.222 | 276.368 | 38056.285 | 42776.867 | 27.767 | 29088.270 |
| 26.277 | 1.019 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 122.626 | 19.222 | 276.227 | 38006.383 | 42721.023 | 27.727 | 29050.299 |
| 26.311 | 1.019 | 14.703 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 122.589 | 19.222 | 276.144 | 37939.328 | 42645.727 | 27.673 | 28999.096 |
| 26.358 | 1.019 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 122.521 | 19.222 | 275.990 | 37929.168 | 42634.305 | 27.665 | 28991.330 |
| 26.365 | 1.019 | 14.706 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 122.476 | 19.223 | 275.889 | 37844.152 | 42537.629 | 27.595 | 28925.588 |
| 26.424 | 1.019 | 14.702 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 122.438 | 19.219 | 275.804 | 37825.895 | 42520.848 | 27.583 | 28914.178 |
| 26.437 | 1.019 | 14.706 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 122.396 | 19.223 | 275.709 | 37817.648 | 42508.316 | 27.574 | 28905.656 |
| 26.443 | 1.019 | 14.708 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 122.331 | 19.218 | 275.563 | 37791.176 | 42483.094 | 27.555 | 28888.506 |
| 26.461 | 1.019 | 14.705 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 122.309 | 19.216 | 275.514 | 37829.484 | 42527.363 | 27.587 | 28918.609 |
| 26.434 | 1.019 | 14.703 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 122.284 | 19.210 | 275.456 | 37823.391 | 42525.918 | 27.586 | 28917.625 |
| 26.439 | 1.019 | 14.700 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 122.306 | 19.206 | 275.506 | 37799.000 | 42502.797 | 27.569 | 28901.902 |
| 26.456 | 1.019 | 14.703 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 122.313 | 19.206 | 275.523 | 37844.258 | 42553.215 | 27.605 | 28936.188 |
| 26.424 | 1.019 | 14.702 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 122.348 | 19.222 | 275.602 | 37831.227 | 42523.750 | 27.585 | 28916.150 |
| 26.433 | 1.019 | 14.710 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 122.358 | 19.245 | 275.623 | 37966.914 | 42656.047 | 27.681 | 29006.113 |
| 26.339 | 1.019 | 14.709 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 122.371 | 19.247 | 275.652 | 38083.035 | 42784.336 | 27.774 | 29093.352 |
| 26.258 | 1.019 | 14.707 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 122.421 | 19.247 | 275.764 | 38215.754 | 42932.965 | 27.881 | 29194.418 |
| 26.167 | 1.020 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 122.438 | 19.247 | 275.803 | 38339.605 | 43072.660 | 27.982 | 29289.412 |
| 26.083 | 1.020 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 122.518 | 19.246 | 275.985 | 38433.047 | 43178.047 | 28.058 | 29361.074 |
| 26.019 | 1.020 | 14.704 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 122.505 | 19.247 | 275.955 | 38510.184 | 43263.734 | 28.120 | 29419.342 |
| 25.967 | 1.020 | 14.708 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 122.564 | 19.246 | 276.087 | 38624.699 | 43393.523 | 28.213 | 29507.598 |
| 25.890 | 1.020 | 14.703 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 122.597 | 19.247 | 276.161 | 38677.352 | 43452.262 | 28.256 | 29547.541 |
| 25.855 | 1.020 | 14.706 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 122.708 | 19.246 | 276.412 | 38786.242 | 43575.582 | 28.345 | 29631.396 |
| 25.782 | 1.020 | 14.705 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 122.726 | 19.245 | 276.453 | 38867.348 | 43667.188 | 28.411 | 29693.689 |
| 25.729 | 1.020 | 14.708 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 122.804 | 19.245 | 276.627 | 38948.477 | 43758.758 | 28.478 | 29755.957 |
| 25.675 | 1.020 | 14.703 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 122.820 | 19.245 | 276.664 | 39018.355 | 43837.016 | 28.534 | 29809.174 |
| 25.629 | 1.020 | 14.704 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 122.907 | 19.244 | 276.860 | 39067.398 | 43893.336 | 28.575 | 29847.469 |
| 25.597 | 1.020 | 14.706 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 122.928 | 19.244 | 276.907 | 39170.004 | 44008.301 | 28.658 | 29925.646 |
| 25.530 | 1.020 | 14.705 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 123.007 | 19.243 | 277.085 | 39188.211 | 44029.328 | 28.673 | 29939.945 |
| 25.518 | 1.020 | 14.699 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 123.050 | 19.243 | 277.183 | 39230.844 | 44077.227 | 28.708 | 29972.516 |
| 25.490 | 1.020 | 14.700 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 123.110 | 19.243 | 277.317 | 39303.434 | 44159.527 | 28.768 | 30028.480 |
| 25.443 | 1.020 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 123.153 | 19.242 | 277.415 | 39332.523 | 44192.547 | 28.792 | 30050.934 |
| 25.424 | 1.020 | 14.692 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 123.159 | 19.242 | 277.428 | 39390.906 | 44258.555 | 28.839 | 30095.820 |
| 25.387 | 1.020 | 14.691 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 123.205 | 19.240 | 277.531 | 39416.137 | 44288.723 | 28.861 | 30116.332 |
| 25.370 | 1.020 | 14.697 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 123.226 | 19.240 | 277.578 | 39460.680 | 44338.527 | 28.897 | 30150.199 |
| 25.342 | 1.020 | 14.692 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 123.248 | 19.240 | 277.628 | 39506.719 | 44390.504 | 28.935 | 30185.545 |
| 25.312 | 1.020 | 14.691 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 123.246 | 19.242 | 277.625 | 39528.863 | 44413.645 | 28.952 | 30201.281 |
| 25.298 | 1.020 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 123.250 | 19.251 | 277.633 | 39557.422 | 44437.074 | 28.969 | 30217.213 |
| 25.280 | 1.020 | 14.689 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 123.279 | 19.257 | 277.698 | 39592.605 | 44470.359 | 28.994 | 30239.846 |
| 25.257 | 1.020 | 14.681 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 123.256 | 19.255 | 277.647 | 39570.441 | 44447.875 | 28.977 | 30224.557 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 25.271 | 1.020 | 14.685 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 123.266 | 19.249 | 277.668 | 39566.055 | 44448.605 | 28.977 | 30225.055 |
| 25.274 | 1.020 | 14.688 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 123.238 | 19.243 | 277.605 | 39538.984 | 44424.016 | 28.959 | 30208.332 |
| 25.291 | 1.020 | 14.686 | | | | | | |

Report Date: 1/16/2017 8:31:49 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-1M Pre Test_2017-01-12_09-07-11-109-BaroMerge.wsl
Create Date: 1/16/2017 8:29:55 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-1M
Device Name:
Serial Number: 469248
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-1M Pre Test
Created By: SKuiper
Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 11/10/2016 8:52:14 AM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 11/10/2016 10:00:00 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: Depth
Specific Gravity: 1.024

Other Log Settings
Depth of Probe: 34.0136 (ft)
Head Pressure: 15.0997 (PSI)
Temperature: 21.2831 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 11/10/2016 8:52:23 AM | Used Battery: 2% Used Memory: 3% User Name: SKuiper |
| 11/10/2016 11:02:58 AM | Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper Interval - Start Time: 11/10/2016 10:00:00 AM Stop Time: 11/10/2016 11:45:00 AM |
| 11/17/2016 8:37:45 AM | Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:30:00 AM |
| 11/24/2016 4:02:42 PM | Log Download - Used Battery: 3% Used Memory: 4% 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 12:18:15 PM | Log Download - Used Battery: 3% Used Memory: 4% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 AM Stop Time: 12/1/2016 1:15:00 PM |
| 12/8/2016 12:36:36 PM | Log Download - Used Battery: 3% Used Memory: 6% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 12:30:00 PM |
| 12/15/2016 10:45:51 AM | Log Download - Used Battery: 4% Used Memory: 6% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 10:45:00 AM |
| 12/22/2016 7:38:32 PM | Log Download - Used Battery: 4% Used Memory: 7% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 8:30:00 PM |
| 1/5/2017 3:38:38 PM | Log Download - Used Battery: 5% Used Memory: 9% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 3:30:00 PM |
| 1/12/2017 9:06:35 AM | Log Download - Used Battery: 5% Used Memory: 9% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 9:45:00 AM |
| 1/16/2017 8:29:55 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 717
Sensors: 2
1 - 469248: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(A) 197.3ft SN#: 469248 Pressure (PSI) | Sensor: PCTD(A) 197.3ft SN#: 469248 Temperature (C) | Sensor: PCTD(A) 197.3ft SN#: 469248 Corrected Depth (ft) | Sensor: PCTD(A) 197.3ft SN#: 469248 Actual Conductivity (µS/cm) | Sensor: PCTD(A) 197.3ft SN#: 469248 Specific Conductivity (µS/cm) | Sensor: PCTD(A) 197.3ft SN#: 469248 Salinity (PSU) | Sensor: PCTD(A) 197.3ft SN#: 469248 Total Dissolved Solids (ppt) | Sensor: PCTD(A) 197.3ft SN#: 469248 Resistivity (ohm-cm) | Sensor: PCTD(A) 197.3ft SN#: 469248 Water Density (g/cm3) | Sensor: Baro-Adj Calc SN#: 000000 Barometric Pressure (PSI) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 70.508 | 15.398 | 158.827 | 41796.340 | 51182.898 | 33.666 | 34.804 | 23.926 | 1.025 | 14.703 |
| 1/5/2017 12:15:00 AM | 8100.000 | 70.513 | 15.398 | 158.838 | 41849.148 | 51247.344 | 33.714 | 34.848 | 23.895 | 1.025 | 14.710 |
| 1/5/2017 12:30:00 AM | 9000.000 | 70.510 | 15.399 | 158.830 | 41801.426 | 51187.746 | 33.670 | 34.808 | 23.923 | 1.025 | 14.713 |
| 1/5/2017 12:45:00 AM | 9900.000 | 70.511 | 15.399 | 158.833 | 41810.281 | 51198.910 | 33.678 | 34.815 | 23.918 | 1.025 | 14.717 |
| 1/5/2017 1:00:00 AM | 10800.000 | 70.518 | 15.400 | 158.849 | 41807.707 | 51194.797 | 33.675 | 34.812 | 23.919 | 1.025 | 14.716 |
| 1/5/2017 1:15:00 AM | 11700.000 | 70.527 | 15.400 | 158.868 | 41840.809 | 51234.809 | 33.705 | 34.840 | 23.900 | 1.025 | 14.714 |
| 1/5/2017 1:30:00 AM | 12600.000 | 70.532 | 15.401 | 158.879 | 41809.973 | 51196.832 | 33.677 | 34.814 | 23.918 | 1.025 | 14.717 |
| 1/5/2017 1:45:00 AM | 13500.000 | 70.533 | 15.401 | 158.883 | 41850.156 | 51245.617 | 33.713 | 34.847 | 23.895 | 1.025 | 14.720 |
| 1/5/2017 2:00:00 AM | 14400.000 | 70.542 | 15.401 | 158.904 | 41838.488 | 51231.652 | 33.702 | 34.838 | 23.901 | 1.025 | 14.723 |
| 1/5/2017 2:15:00 AM | 15300.000 | 70.555 | 15.401 | 158.932 | 41845.660 | 51239.801 | 33.708 | 34.843 | 23.897 | 1.025 | 14.718 |
| 1/5/2017 2:30:00 AM | 16200.000 | 70.560 | 15.401 | 158.944 | 41821.328 | 51210.316 | 33.687 | 34.823 | 23.911 | 1.025 | 14.718 |
| 1/5/2017 2:45:00 AM | 17100.000 | 70.561 | 15.402 | 158.946 | 41834.180 | 51225.313 | 33.698 | 34.833 | 23.904 | 1.025 | 14.721 |
| 1/5/2017 3:00:00 AM | 18000.000 | 70.566 | 15.401 | 158.957 | 41827.082 | 51216.934 | 33.692 | 34.828 | 23.908 | 1.025 | 14.724 |
| 1/5/2017 3:15:00 AM | 18900.000 | 70.584 | 15.401 | 158.998 | 41838.039 | 51230.152 | 33.701 | 34.837 | 23.902 | 1.025 | 14.718 |
| 1/5/2017 3:30:00 AM | 19800.000 | 70.581 | 15.402 | 158.991 | 41787.387 | 51168.016 | 33.656 | 34.794 | 23.931 | 1.025 | 14.721 |
| 1/5/2017 3:45:00 AM | 20700.000 | 70.587 | 15.402 | 159.004 | 41857.777 | 51253.898 | 33.719 | 34.853 | 23.890 | 1.025 | 14.722 |
| 1/5/2017 4:00:00 AM | 21600.000 | 70.589 | 15.402 | 159.008 | 41843.289 | 51236.039 | 33.706 | 34.841 | 23.899 | 1.025 | 14.720 |
| 1/5/2017 4:15:00 AM | 22500.000 | 70.595 | 15.402 | 159.022 | 41849.367 | 51243.820 | 33.711 | 34.846 | 23.895 | 1.025 | 14.717 |
| 1/5/2017 4:30:00 AM | 23400.000 | 70.595 | 15.402 | 159.021 | 41816.848 | 51203.781 | 33.682 | 34.819 | 23.914 | 1.025 | 14.725 |
| 1/5/2017 4:45:00 AM | 24300.000 | 70.600 | 15.402 | 159.035 | 41838.906 | 51231.102 | 33.702 | 34.837 | 23.901 | 1.025 | 14.722 |
| 1/5/2017 5:00:00 AM | 25200.000 | 70.613 | 15.401 | 159.064 | 41821.816 | 51210.285 | 33.687 | 34.823 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23.911 | 1.025 | 14.707 | | | | | | |
| 1/5/2017 5:15:00 AM | 26100.000 | 70.600 | 15.401 | 159.033 | 41840.043 | 51233.133 | 33.703 | 34.839 |
| 23.901 | 1.025 | 14.722 | | | | | | |
| 1/5/2017 5:30:00 AM | 27000.000 | 70.604 | 15.401 | 159.043 | 41854.078 | 51250.641 | 33.716 | 34.850 |
| 23.893 | 1.025 | 14.718 | | | | | | |
| 1/5/2017 5:45:00 AM | 27900.000 | 70.603 | 15.401 | 159.040 | 41832.469 | 51224.070 | 33.697 | 34.832 |
| 23.905 | 1.025 | 14.722 | | | | | | |
| 1/5/2017 6:00:00 AM | 28800.000 | 70.602 | 15.401 | 159.039 | 41840.086 | 51233.398 | 33.704 | 34.839 |
| 23.901 | 1.025 | 14.720 | | | | | | |
| 1/5/2017 6:15:00 AM | 29700.000 | 70.597 | 15.400 | 159.027 | 41831.195 | 51223.359 | 33.696 | 34.832 |
| 23.906 | 1.025 | 14.728 | | | | | | |
| 1/5/2017 6:30:00 AM | 30600.000 | 70.602 | 15.400 | 159.037 | 41819.902 | 51209.313 | 33.686 | 34.822 |
| 23.912 | 1.025 | 14.723 | | | | | | |
| 1/5/2017 6:45:00 AM | 31500.000 | 70.591 | 15.400 | 159.013 | 41781.480 | 51162.801 | 33.652 | 34.791 |
| 23.934 | 1.025 | 14.733 | | | | | | |
| 1/5/2017 7:00:00 AM | 32400.000 | 70.587 | 15.400 | 159.004 | 41811.117 | 51198.973 | 33.678 | 34.815 |
| 23.917 | 1.025 | 14.736 | | | | | | |
| 1/5/2017 7:15:00 AM | 33300.000 | 70.584 | 15.400 | 158.998 | 41830.668 | 51223.031 | 33.696 | 34.832 |
| 23.906 | 1.025 | 14.735 | | | | | | |
| 1/5/2017 7:30:00 AM | 34200.000 | 70.586 | 15.399 | 159.003 | 41821.484 | 51212.410 | 33.688 | 34.824 |
| 23.911 | 1.025 | 14.730 | | | | | | |
| 1/5/2017 7:45:00 AM | 35100.000 | 70.580 | 15.400 | 158.988 | 41792.883 | 51177.184 | 33.662 | 34.800 |
| 23.928 | 1.025 | 14.731 | | | | | | |
| 1/5/2017 8:00:00 AM | 36000.000 | 70.569 | 15.399 | 158.964 | 41829.809 | 51223.230 | 33.696 | 34.832 |
| 23.906 | 1.025 | 14.737 | | | | | | |
| 1/5/2017 8:15:00 AM | 36900.000 | 70.570 | 15.399 | 158.965 | 41809.129 | 51197.398 | 33.677 | 34.814 |
| 23.918 | 1.025 | 14.739 | | | | | | |
| 1/5/2017 8:30:00 AM | 37800.000 | 70.556 | 15.399 | 158.934 | 41844.133 | 51240.262 | 33.709 | 34.843 |
| 23.898 | 1.025 | 14.745 | | | | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 70.550 | 15.399 | 158.920 | 41810.445 | 51199.520 | 33.679 | 34.816 |
| 23.917 | 1.025 | 14.750 | | | | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 70.551 | 15.399 | 158.922 | 41837.348 | 51231.836 | 33.702 | 34.838 |
| 23.902 | 1.025 | 14.747 | | | | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 70.534 | 15.399 | 158.886 | 41816.473 | 51206.273 | 33.684 | 34.820 |
| 23.914 | 1.025 | 14.760 | | | | | | |
| 1/5/2017 9:30:00 AM | 41400.000 | 70.544 | 15.399 | 158.906 | 41802.953 | 51190.035 | 33.672 | 34.809 |
| 23.922 | 1.025 | 14.750 | | | | | | |
| 1/5/2017 9:45:00 AM | 42300.000 | 70.528 | 15.400 | 158.871 | 41841.313 | 51236.379 | 33.706 | 34.841 |
| 23.900 | 1.025 | 14.758 | | | | | | |
| 1/5/2017 10:00:00 AM | 43200.000 | 70.526 | 15.400 | 158.867 | 41866.898 | 51267.398 | 33.729 | 34.862 |
| 23.885 | 1.025 | 14.757 | | | | | | |
| 1/5/2017 10:15:00 AM | 44100.000 | 70.519 | 15.400 | 158.852 | 41830.352 | 51222.848 | 33.696 | 34.832 |
| 23.906 | 1.025 | 14.757 | | | | | | |
| 1/5/2017 10:30:00 AM | 45000.000 | 70.515 | 15.400 | 158.842 | 41772.445 | 51151.738 | 33.644 | 34.783 |
| 23.939 | 1.025 | 14.758 | | | | | | |
| 1/5/2017 10:45:00 AM | 45900.000 | 70.510 | 15.400 | 158.830 | 41840.438 | 51234.766 | 33.705 | 34.840 |
| 23.900 | 1.025 | 14.758 | | | | | | |
| 1/5/2017 11:00:00 AM | 46800.000 | 70.521 | 15.401 | 158.855 | 41832.191 | 51224.039 | 33.697 | 34.832 |
| 23.905 | 1.025 | 14.746 | | | | | | |
| 1/5/2017 11:15:00 AM | 47700.000 | 70.511 | 15.401 | 158.833 | 41779.617 | 51159.141 | 33.649 | 34.788 |
| 23.935 | 1.025 | 14.751 | | | | | | |
| 1/5/2017 11:30:00 AM | 48600.000 | 70.503 | 15.401 | 158.815 | 41838.723 | 51231.617 | 33.702 | 34.838 |
| 23.901 | 1.025 | 14.757 | | | | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 70.500 | 15.401 | 158.807 | 41832.719 | 51224.375 | 33.697 | 34.833 |
| 23.905 | 1.025 | 14.750 | | | | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 70.506 | 15.402 | 158.821 | 41812.063 | 51198.230 | 33.678 | 34.815 |
| 23.917 | 1.025 | 14.745 | | | | | | |
| 1/5/2017 12:15:00 PM | 51300.000 | 70.504 | 15.402 | 158.818 | 41761.918 | 51136.520 | 33.633 | 34.773 |
| 23.945 | 1.025 | 14.749 | | | | | | |
| 1/5/2017 12:30:00 PM | 52200.000 | 70.503 | 15.401 | 158.815 | 41811.945 | 51198.199 | 33.678 | 34.815 |
| 23.917 | 1.025 | 14.748 | | | | | | |
| 1/5/2017 12:45:00 PM | 53100.000 | 70.509 | 15.402 | 158.829 | 41832.023 | 51221.934 | 33.695 | 34.831 |
| 23.905 | 1.025 | 14.742 | | | | | | |
| 1/5/2017 1:00:00 PM | 54000.000 | 70.500 | 15.403 | 158.809 | 41816.637 | 51202.152 | 33.681 | 34.817 |
| 23.914 | 1.025 | 14.742 | | | | | | |
| 1/5/2017 1:15:00 PM | 54900.000 | 70.508 | 15.403 | 158.827 | 41790.855 | 51170.254 | 33.657 | 34.796 |
| 23.929 | 1.025 | 14.736 | | | | | | |
| 1/5/2017 1:30:00 PM | 55800.000 | 70.505 | 15.403 | 158.820 | 41847.762 | 51240.152 | 33.709 | 34.843 |
| 23.896 | 1.025 | 14.736 | | | | | | |
| 1/5/2017 1:45:00 PM | 56700.000 | 70.509 | 15.404 | 158.828 | 41819.316 | 51204.684 | 33.683 | 34.819 |
| 23.912 | 1.025 | 14.740 | | | | | | |
| 1/5/2017 2:00:00 PM | 57600.000 | 70.508 | 15.403 | 158.827 | 41844.852 | 51236.590 | 33.706 | 34.841 |
| 23.898 | 1.025 | 14.744 | | | | | | |
| 1/5/2017 2:15:00 PM | 58500.000 | 70.513 | 15.403 | 158.838 | 41819.043 | 51204.559 | 33.683 | 34.819 |
| 23.913 | 1.025 | 14.741 | | | | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 70.515 | 15.404 | 158.842 | 41834.809 | 51223.332 | 33.696 | 34.832 |
| 23.904 | 1.025 | 14.739 | | | | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 70.521 | 15.404 | 158.855 | 41825.055 | 51210.648 | 33.687 | 34.823 |
| 23.909 | 1.025 | 14.738 | | | | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 70.515 | 15.404 | 158.841 | 41855.957 | 51248.586 | 33.715 | 34.849 |
| 23.891 | 1.025 | 14.741 | | | | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 70.517 | 15.404 | 158.846 | 41851.980 | 51244.148 | 33.712 | 34.846 |
| 23.894 | 1.025 | 14.740 | | | | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 70.522 | 15.404 | 158.857 | 41812.887 | 51196.078 | 33.676 | 34.813 |
| 23.916 | 1.025 | 14.739 | | | | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 70.522 | 15.406 | 158.857 | 41858.496 | 51249.367 | 33.716 | 34.850 |
| 23.890 | 1.025 | 14.740 | | | | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 70.541 | 15.405 | 158.901 | 41814.402 | 51196.449 | 33.677 | 34.814 |
| 23.915 | 1.025 | 14.741 | | | | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 70.520 | 15.406 | 158.854 | 41802.488 | 51181.762 | 33.666 | 34.804 |
| 23.922 | 1.025 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 70.519 | 15.405 | 158.852 | 41819.699 | 51203.242 | 33.682 | 34.818 |
| 23.912 | 1.025 | 14.745 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 70.517 | 15.405 | 158.847 | 41833.055 | 51219.695 | 33.694 | 34.829 |
| 23.905 | 1.025 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 70.517 | 15.406 | 158.846 | 41866.852 | 51260.563 | 33.724 | 34.857 |
| 23.885 | 1.025 | 14.749 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 70.513 | 15.406 | 158.838 | 41812.699 | 51193.402 | 33.675 | 34.812 |
| 23.916 | 1.025 | 14.751 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 70.504 | 15.406 | 158.817 | 41830.949 | 51216.066 | 33.691 | 34.827 |
| 23.906 | 1.025 | 14.753 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 70.509 | 15.406 | 158.828 | 41778.719 | 51152.430 | 33.645 | 34.784 |
| 23.936 | 1.025 | 14.751 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 70.512 | 15.406 | 158.835 | 41851.816 | 51242.035 | 33.710 | 34.845 |
| 23.894 | 1.025 | 14.745 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 70.499 | 15.407 | 158.805 | 41870.852 | 51264.289 | 33.727 | 34.860 |
| 23.883 | 1.025 | 14.755 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 70.499 | 15.406 | 158.806 | 41810.828 | 51191.004 | 33.673 | 34.810 |
| 23.917 | 1.025 | 14.748 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 70.483 | 15.407 | 158.771 | 41818.488 | 51200.180 | 33.680 | 34.816 |
| 23.913 | 1.025 | 14.761 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 70.478 | 15.407 | 158.760 | 41831.266 | 51215.406 | 33.691 | 34.826 |
| 23.906 | 1.025 | 14.759 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 70.474 | 15.407 | 158.749 | 41853.367 | 51242.676 | 33.711 | 34.845 |
| 23.893 | 1.025 | 14.757 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 70.466 | 15.407 | 158.731 | 41839.297 | 51224.605 | 33.698 | 34.833 |
| 23.901 | 1.025 | 14.760 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 70.462 | 15.407 | 158.724 | 41798.523 | 51174.996 | 33.661 | 34.799 |
| 23.924 | 1.025 | 14.756 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 70.458 | 15.408 | 158.714 | 41850.168 | 51237.688 | 33.707 | 34.842 |
| 23.895 | 1.025 | 14.758 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 70.450 | 15.408 | 158.697 | 41839.988 | 51224.715 | 33.698 | 34.833 |
| 23.901 | 1.025 | 14.763 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 70.443 | 15.408 | 158.679 | 41803.805 | 51180.926 | 33.666 | 34.803 |
| 23.921 | 1.025 | 14.759 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 70.435 | 15.409 | 158.663 | 41844.891 | 51229.762 | 33.702 | 34.836 |
| 23.898 | 1.025 | 14.763 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 70.431 | 15.409 | 158.653 | 41816.074 | 51193.945 | 33.675 | 34.812 |
| 23.914 | 1.025 | 14.769 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 70.424 | 15.409 | 158.638 | 41802.719 | 51178.332 | 33.664 | 34.801 |
| 23.922 | 1.025 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 70.428 | 15.409 | 158.646 | 41819.133 | 51197.688 | 33.678 | 34.814 |
| 23.913 | 1.025 | 14.767 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 9:45:00 PM | 85500.000 | 70.409 | 15.409 | 158.604 | 41856.848 | 51243.863 | 33.712 | 34.846 |
| 23.891 | 1.025 | 14.778 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 70.409 | 15.410 | 158.604 | 41816.324 | 51193.191 | 33.675 | 34.811 |
| 23.914 | 1.025 | 14.773 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 70.408 | 15.411 | 158.601 | 41872.039 | 51260.879 | 33.725 | 34.857 |
| 23.882 | 1.025 | 14.775 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 70.407 | 15.410 | 158.599 | 41861.988 | 51248.883 | 33.716 | 34.849 |
| 23.888 | 1.025 | 14.768 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 70.412 | 15.411 | 158.609 | 41810.074 | 51184.480 | 33.668 | 34.805 |
| 23.918 | 1.025 | 14.764 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 70.402 | 15.411 | 158.587 | 41849.074 | 51232.332 | 33.704 | 34.838 |
| 23.895 | 1.025 | 14.773 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 70.408 | 15.411 | 158.600 | 41815.660 | 51190.898 | 33.673 | 34.810 |
| 23.914 | 1.025 | 14.764 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 70.406 | 15.412 | 158.597 | 41840.754 | 51221.199 | 33.696 | 34.830 |
| 23.900 | 1.025 | 14.770 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 70.405 | 15.413 | 158.593 | 41813.840 | 51186.652 | 33.670 | 34.807 |
| 23.916 | 1.025 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 70.408 | 15.413 | 158.601 | 41811.563 | 51183.762 | 33.668 | 34.805 |
| 23.917 | 1.025 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 70.410 | 15.413 | 158.605 | 41864.066 | 51248.465 | 33.716 | 34.849 |
| 23.887 | 1.025 | 14.770 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 70.415 | 15.414 | 158.616 | 41850.422 | 51230.711 | 33.703 | 34.837 |
| 23.895 | 1.025 | 14.772 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 70.418 | 15.414 | 158.625 | 41839.305 | 51216.676 | 33.692 | 34.827 |
| 23.901 | 1.025 | 14.768 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 70.414 | 15.414 | 158.615 | 41855.121 | 51235.605 | 33.706 | 34.840 |
| 23.892 | 1.025 | 14.772 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 70.428 | 15.415 | 158.646 | 41863.168 | 51244.297 | 33.713 | 34.846 |
| 23.887 | 1.025 | 14.769 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 70.425 | 15.415 | 158.638 | 41842.031 | 51218.422 | 33.694 | 34.829 |
| 23.899 | 1.025 | 14.772 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 70.438 | 15.416 | 158.668 | 41827.938 | 51200.957 | 33.681 | 34.817 |
| 23.907 | 1.025 | 14.770 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 70.467 | 15.416 | 158.733 | 41807.086 | 51175.016 | 33.662 | 34.799 |
| 23.919 | 1.025 | 14.765 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 70.449 | 15.416 | 158.693 | 41833.855 | 51207.785 | 33.686 | 34.821 |
| 23.904 | 1.025 | 14.771 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 70.460 | 15.415 | 158.718 | 41832.305 | 51206.410 | 33.685 | 34.820 |
| 23.905 | 1.025 | 14.765 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 70.462 | 15.416 | 158.723 | 41824.430 | 51195.828 | 33.677 | 34.813 |
| 23.909 | 1.025 | 14.776 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 70.470 | 15.416 | 158.740 | 41866.688 | 51247.332 | 33.715 | 34.848 |
| 23.885 | 1.025 | 14.769 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 70.477 | 15.417 | 158.757 | 41802.965 | 51168.484 | 33.657 | 34.795 |
| 23.922 | 1.025 | 14.767 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 70.483 | 15.417 | 158.769 | 41806.496 | 51173.016 | 33.661 | 34.798 |
| 23.920 | 1.025 | 14.769 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 70.492 | 15.417 | 158.789 | 41836.875 | 51210.090 | 33.688 | 34.823 |
| 23.902 | 1.025 | 14.774 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 70.501 | 15.416 | 158.811 | 41848.391 | 51224.938 | 33.699 | 34.833 |
| 23.896 | 1.025 | 14.769 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 70.512 | 15.417 | 158.834 | 41853.473 | 51230.520 | 33.703 | 34.837 |
| 23.893 | 1.025 | 14.763 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 70.515 | 15.416 | 158.841 | 41842.172 | 51217.426 | 33.693 | 34.828 |
| 23.899 | 1.025 | 14.765 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 70.517 | 15.417 | 158.846 | 41875.824 | 51257.879 | 33.723 | 34.855 |
| 23.880 | 1.025 | 14.763 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 70.528 | 15.417 | 158.871 | 41814.359 | 51182.844 | 33.668 | 34.804 |
| 23.915 | 1.025 | 14.759 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 70.526 | 15.417 | 158.866 | 41864.672 | 51244.547 | 33.713 | 34.846 |
| 23.886 | 1.025 | 14.768 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 70.527 | 15.416 | 158.869 | 41820.445 | 51190.730 | 33.674 | 34.810 |
| 23.912 | 1.025 | 14.769 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 70.530 | 15.417 | 158.876 | 41877.727 | 51260.527 | 33.725 | 34.857 |
| 23.879 | 1.025 | 14.771 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 70.532 | 15.416 | 158.880 | 41886.617 | 51272.367 | 33.733 | 34.865 |
| 23.874 | 1.025 | 14.767 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 70.529 | 15.416 | 158.874 | 41835.121 | 51209.645 | 33.687 | 34.823 |
| 23.903 | 1.025 | 14.770 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 70.535 | 15.414 | 158.886 | 41786.727 | 51151.992 | 33.645 | 34.783 |
| 23.931 | 1.025 | 14.767 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 70.538 | 15.415 | 158.894 | 41810.109 | 51180.297 | 33.666 | 34.803 |
| 23.918 | 1.025 | 14.766 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 70.530 | 15.414 | 158.876 | 41865.980 | 51248.898 | 33.716 | 34.849 |
| 23.886 | 1.025 | 14.773 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 70.529 | 15.413 | 158.875 | 41853.531 | 51234.723 | 33.706 | 34.840 |
| 23.893 | 1.025 | 14.771 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 70.532 | 15.414 | 158.879 | 41801.406 | 51170.711 | 33.659 | 34.796 |
| 23.923 | 1.025 | 14.774 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 70.522 | 15.414 | 158.858 | 41804.637 | 51174.766 | 33.662 | 34.799 |
| 23.921 | 1.025 | 14.778 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 70.525 | 15.413 | 158.864 | 41875.762 | 51261.934 | 33.726 | 34.858 |
| 23.880 | 1.025 | 14.774 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 70.518 | 15.413 | 158.849 | 41846.828 | 51226.934 | 33.700 | 34.834 |
| 23.897 | 1.025 | 14.777 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 70.514 | 15.413 | 158.841 | 41853.984 | 51235.484 | 33.706 | 34.840 |
| 23.893 | 1.025 | 14.780 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 70.503 | 15.412 | 158.815 | 41855.266 | 51238.324 | 33.708 | 34.842 |
| 23.892 | 1.025 | 14.786 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 70.504 | 15.413 | 158.816 | 41837.629 | 51216.414 | 33.692 | 34.827 |
| 23.902 | 1.025 | 14.783 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 70.493 | 15.412 | 158.792 | 41840.895 | 51221.043 | 33.695 | 34.830 |
| 23.900 | 1.025 | 14.782 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 70.489 | 15.412 | 158.783 | 41822.059 | 51197.781 | 33.678 | 34.814 |
| 23.911 | 1.025 | 14.784 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 70.481 | 15.411 | 158.765 | 41845.098 | 51226.836 | 33.700 | 34.834 |
| 23.898 | 1.025 | 14.790 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 70.476 | 15.412 | 158.753 | 41885.875 | 51276.336 | 33.736 | 34.868 |
| 23.874 | 1.025 | 14.785 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 70.467 | 15.412 | 158.734 | 41847.801 | 51229.406 | 33.702 | 34.836 |
| 23.896 | 1.025 | 14.784 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 70.465 | 15.412 | 158.729 | 41856.055 | 51239.602 | 33.709 | 34.843 |
| 23.891 | 1.025 | 14.780 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 70.472 | 15.411 | 158.744 | 41828.609 | 51206.750 | 33.685 | 34.821 |
| 23.907 | 1.025 | 14.774 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 70.453 | 15.412 | 158.703 | 41867.012 | 51252.813 | 33.719 | 34.852 |
| 23.885 | 1.025 | 14.778 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 70.450 | 15.412 | 158.695 | 41842.156 | 51222.699 | 33.697 | 34.831 |
| 23.899 | 1.025 | 14.780 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 70.450 | 15.413 | 158.696 | 41814.777 | 51188.336 | 33.671 | 34.808 |
| 23.915 | 1.025 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 70.440 | 15.412 | 158.672 | 41817.441 | 51191.914 | 33.674 | 34.811 |
| 23.913 | 1.025 | 14.769 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 70.436 | 15.413 | 158.664 | 41860.367 | 51243.508 | 33.712 | 34.846 |
| 23.889 | 1.025 | 14.767 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 70.429 | 15.413 | 158.649 | 41836.262 | 51213.582 | 33.690 | 34.825 |
| 23.903 | 1.025 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 70.431 | 15.413 | 158.652 | 41824.430 | 51200.152 | 33.680 | 34.816 |
| 23.909 | 1.025 | 14.762 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 70.420 | 15.413 | 158.628 | 41857.465 | 51240.055 | 33.709 | 34.843 |
| 23.891 | 1.025 | 14.763 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 70.423 | 15.414 | 158.635 | 41864.402 | 51247.598 | 33.715 | 34.848 |
| 23.887 | 1.025 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 70.422 | 15.414 | 158.632 | 41844.246 | 51222.824 | 33.697 | 34.832 |
| 23.898 | 1.025 | 14.757 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 70.424 | 15.414 | 158.636 | 41877.180 | 51263.570 | 33.727 | 34.859 |
| 23.879 | 1.025 | 14.750 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 70.418 | 15.414 | 158.623 | 41820.273 | 51193.477 | 33.675 | 34.812 |
| 23.912 | 1.025 | 14.752 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 70.422 | 15.414 | 158.633 | 41862.699 | 51245.313 | 33.713 | 34.847 |
| 23.888 | 1.025 | 14.744 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 70.422 | 15.415 | 158.633 | 41858.668 | 51239.637 | 33.709 | 34.843 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23.890 | 1.025 | 14.737 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 70.427 | 15.415 | 158.644 | 41853.105 | 51232.930 | 33.704 | 34.838 |
| 23.893 | 1.025 | 14.732 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 70.423 | 15.415 | 158.634 | 41801.848 | 51169.652 | 33.658 | 34.795 |
| 23.922 | 1.025 | 14.739 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 70.425 | 15.416 | 158.640 | 41833.867 | 51207.691 | 33.686 | 34.821 |
| 23.904 | 1.025 | 14.736 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 70.429 | 15.416 | 158.648 | 41856.656 | 51235.484 | 33.706 | 34.840 |
| 23.891 | 1.025 | 14.739 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 70.431 | 15.416 | 158.653 | 41796.965 | 51162.316 | 33.653 | 34.790 |
| 23.925 | 1.025 | 14.744 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 70.431 | 15.416 | 158.653 | 41874.180 | 51257.563 | 33.723 | 34.855 |
| 23.881 | 1.025 | 14.748 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 70.436 | 15.417 | 158.664 | 41873.672 | 51255.035 | 33.721 | 34.853 |
| 23.881 | 1.025 | 14.745 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 70.440 | 15.417 | 158.674 | 41871.438 | 51252.086 | 33.719 | 34.851 |
| 23.883 | 1.025 | 14.741 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 70.440 | 15.417 | 158.673 | 41849.367 | 51225.613 | 33.699 | 34.833 |
| 23.895 | 1.025 | 14.744 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 70.436 | 15.417 | 158.663 | 41883.770 | 51266.984 | 33.730 | 34.862 |
| 23.876 | 1.025 | 14.748 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 70.437 | 15.418 | 158.667 | 41816.820 | 51184.707 | 33.669 | 34.806 |
| 23.914 | 1.025 | 14.749 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 70.451 | 15.417 | 158.698 | 41859.301 | 51237.230 | 33.708 | 34.841 |
| 23.890 | 1.025 | 14.738 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 70.440 | 15.417 | 158.672 | 41794.488 | 51157.898 | 33.649 | 34.787 |
| 23.927 | 1.025 | 14.749 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 70.447 | 15.417 | 158.688 | 41800.141 | 51164.816 | 33.655 | 34.792 |
| 23.923 | 1.025 | 14.744 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 70.445 | 15.418 | 158.685 | 41857.980 | 51235.184 | 33.706 | 34.840 |
| 23.890 | 1.025 | 14.742 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 70.449 | 15.417 | 158.693 | 41871.441 | 51252.836 | 33.719 | 34.852 |
| 23.883 | 1.025 | 14.747 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 70.443 | 15.418 | 158.680 | 41850.719 | 51226.199 | 33.700 | 34.834 |
| 23.894 | 1.025 | 14.748 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 70.441 | 15.418 | 158.675 | 41856.637 | 51233.441 | 33.705 | 34.839 |
| 23.891 | 1.025 | 14.751 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 70.443 | 15.418 | 158.680 | 41856.957 | 51233.422 | 33.705 | 34.839 |
| 23.891 | 1.025 | 14.749 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 70.437 | 15.418 | 158.666 | 41873.090 | 51252.848 | 33.719 | 34.852 |
| 23.882 | 1.025 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 70.433 | 15.418 | 158.657 | 41844.324 | 51218.270 | 33.694 | 34.828 |
| 23.898 | 1.025 | 14.755 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 70.434 | 15.419 | 158.660 | 41866.922 | 51245.078 | 33.714 | 34.847 |
| 23.885 | 1.025 | 14.753 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 70.430 | 15.419 | 158.649 | 41845.344 | 51218.668 | 33.694 | 34.829 |
| 23.898 | 1.025 | 14.756 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 70.426 | 15.418 | 158.641 | 41820.199 | 51188.199 | 33.672 | 34.808 |
| 23.912 | 1.025 | 14.749 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 70.418 | 15.417 | 158.623 | 41829.742 | 51200.949 | 33.681 | 34.817 |
| 23.906 | 1.025 | 14.754 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 70.420 | 15.418 | 158.627 | 41809.051 | 51174.355 | 33.662 | 34.799 |
| 23.918 | 1.025 | 14.749 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 70.420 | 15.419 | 158.628 | 41871.469 | 51250.445 | 33.718 | 34.850 |
| 23.883 | 1.025 | 14.744 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 70.408 | 15.419 | 158.601 | 41835.820 | 51206.813 | 33.686 | 34.821 |
| 23.903 | 1.025 | 14.748 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 70.407 | 15.419 | 158.599 | 41842.629 | 51214.605 | 33.691 | 34.826 |
| 23.899 | 1.025 | 14.743 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 70.398 | 15.419 | 158.578 | 41835.852 | 51206.309 | 33.685 | 34.820 |
| 23.903 | 1.025 | 14.746 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 70.395 | 15.419 | 158.572 | 41815.109 | 51181.344 | 33.667 | 34.803 |
| 23.915 | 1.025 | 14.744 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 70.391 | 15.419 | 158.563 | 41867.832 | 51245.352 | 33.714 | 34.847 |
| 23.885 | 1.025 | 14.747 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 70.404 | 15.420 | 158.592 | 41856.902 | 51231.645 | 33.704 | 34.838 |
| 23.891 | 1.025 | 14.755 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 70.385 | 15.420 | 158.550 | 41847.469 | 51220.008 | 33.695 | 34.830 |
| 23.896 | 1.025 | 14.756 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 70.376 | 15.420 | 158.528 | 41851.340 | 51224.207 | 33.698 | 34.832 |
| 23.894 | 1.025 | 14.763 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 70.382 | 15.420 | 158.542 | 41864.852 | 51240.324 | 33.710 | 34.843 |
| 23.886 | 1.025 | 14.759 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 70.378 | 15.420 | 158.533 | 41850.043 | 51222.199 | 33.697 | 34.831 |
| 23.895 | 1.025 | 14.755 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 70.380 | 15.421 | 158.537 | 41858.242 | 51231.715 | 33.704 | 34.838 |
| 23.890 | 1.025 | 14.750 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 70.379 | 15.421 | 158.535 | 41864.336 | 51238.523 | 33.709 | 34.842 |
| 23.887 | 1.025 | 14.753 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 70.385 | 15.421 | 158.548 | 41883.352 | 51261.906 | 33.726 | 34.858 |
| 23.876 | 1.025 | 14.739 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 70.384 | 15.421 | 158.547 | 41830.066 | 51196.473 | 33.678 | 34.814 |
| 23.906 | 1.025 | 14.736 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 70.389 | 15.422 | 158.559 | 41863.523 | 51236.898 | 33.708 | 34.841 |
| 23.887 | 1.025 | 14.732 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 70.391 | 15.422 | 158.562 | 41814.281 | 51176.633 | 33.664 | 34.800 |
| 23.915 | 1.025 | 14.725 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 70.396 | 15.422 | 158.575 | 41841.949 | 51209.953 | 33.688 | 34.823 |
| 23.899 | 1.025 | 14.718 | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 70.398 | 15.422 | 158.578 | 41856.551 | 51228.266 | 33.702 | 34.835 |
| 23.891 | 1.025 | 14.716 | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 70.399 | 15.423 | 158.580 | 41879.723 | 51255.984 | 33.722 | 34.854 |
| 23.878 | 1.025 | 14.717 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 70.409 | 15.423 | 158.603 | 41850.309 | 51219.445 | 33.695 | 34.829 |
| 23.895 | 1.025 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 70.422 | 15.422 | 158.631 | 41836.801 | 51203.551 | 33.683 | 34.818 |
| 23.902 | 1.025 | 14.715 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 70.424 | 15.423 | 158.637 | 41828.480 | 51193.270 | 33.676 | 34.811 |
| 23.907 | 1.025 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 70.436 | 15.424 | 158.664 | 41833.188 | 51197.555 | 33.679 | 34.814 |
| 23.904 | 1.025 | 14.713 | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 70.443 | 15.423 | 158.679 | 41832.762 | 51197.348 | 33.679 | 34.814 |
| 23.905 | 1.025 | 14.709 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 70.453 | 15.424 | 158.703 | 41873.133 | 51245.898 | 33.715 | 34.847 |
| 23.882 | 1.025 | 14.708 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 70.467 | 15.423 | 158.734 | 41856.750 | 51226.816 | 33.701 | 34.834 |
| 23.891 | 1.025 | 14.700 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 70.475 | 15.423 | 158.751 | 41853.098 | 51222.348 | 33.697 | 34.831 |
| 23.893 | 1.025 | 14.699 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 70.486 | 15.424 | 158.777 | 41834.582 | 51199.355 | 33.680 | 34.816 |
| 23.904 | 1.025 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 70.498 | 15.424 | 158.804 | 41840.094 | 51206.102 | 33.685 | 34.820 |
| 23.901 | 1.025 | 14.697 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 70.504 | 15.423 | 158.817 | 41868.523 | 51241.957 | 33.712 | 34.845 |
| 23.884 | 1.025 | 14.694 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 70.538 | 15.422 | 158.893 | 41863.191 | 51235.852 | 33.707 | 34.840 |
| 23.887 | 1.025 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 70.525 | 15.423 | 158.865 | 41848.148 | 51217.121 | 33.693 | 34.828 |
| 23.896 | 1.025 | 14.692 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 70.544 | 15.423 | 158.907 | 41859.375 | 51231.082 | 33.704 | 34.837 |
| 23.890 | 1.025 | 14.689 | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 70.542 | 15.422 | 158.902 | 41873.496 | 51249.422 | 33.717 | 34.850 |
| 23.881 | 1.025 | 14.697 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 70.548 | 15.422 | 158.917 | 41843.918 | 51213.102 | 33.690 | 34.825 |
| 23.898 | 1.025 | 14.698 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 70.557 | 15.422 | 158.937 | 41859.863 | 51232.320 | 33.705 | 34.838 |
| 23.889 | 1.025 | 14.700 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 70.560 | 15.421 | 158.943 | 41855.742 | 51228.977 | 33.702 | 34.836 |
| 23.892 | 1.025 | 14.698 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 70.564 | 15.420 | 158.952 | 41825.383 | 51192.559 | 33.675 | 34.811 |
| 23.909 | 1.025 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 70.572 | 15.420 | 158.970 | 41846.035 | 51217.715 | 33.694 | 34.828 |
| 23.897 | 1.025 | 14.695 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 7:00:00 AM | 205200.000 | 70.568 | 15.420 | 158.960 | 41804.184 | 51167.117 | 33.656 | 34.794 |
| 23.921 | 1.025 | 14.697 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 70.567 | 15.418 | 158.958 | 41823.348 | 51191.855 | 33.674 | 34.810 |
| 23.910 | 1.025 | 14.699 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 70.570 | 15.419 | 158.966 | 41857.281 | 51233.176 | 33.705 | 34.839 |
| 23.891 | 1.025 | 14.702 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 70.569 | 15.418 | 158.964 | 41813.668 | 51180.117 | 33.666 | 34.802 |
| 23.916 | 1.025 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 70.574 | 15.418 | 158.975 | 41837.602 | 51209.730 | 33.688 | 34.823 |
| 23.902 | 1.025 | 14.700 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 70.559 | 15.417 | 158.941 | 41850.211 | 51226.215 | 33.700 | 34.834 |
| 23.895 | 1.025 | 14.714 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 70.557 | 15.416 | 158.937 | 41845.223 | 51221.160 | 33.696 | 34.830 |
| 23.898 | 1.025 | 14.712 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 70.551 | 15.416 | 158.924 | 41825.953 | 51197.801 | 33.679 | 34.815 |
| 23.909 | 1.025 | 14.716 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 70.549 | 15.416 | 158.919 | 41849.063 | 51226.188 | 33.700 | 34.834 |
| 23.895 | 1.025 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 70.551 | 15.415 | 158.922 | 41881.379 | 51266.480 | 33.729 | 34.861 |
| 23.877 | 1.025 | 14.718 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 70.536 | 15.415 | 158.890 | 41822.211 | 51194.578 | 33.676 | 34.812 |
| 23.911 | 1.025 | 14.728 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 70.532 | 15.415 | 158.881 | 41810.961 | 51180.500 | 33.666 | 34.803 |
| 23.917 | 1.025 | 14.726 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 70.525 | 15.414 | 158.865 | 41851.141 | 51231.055 | 33.703 | 34.837 |
| 23.894 | 1.025 | 14.732 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 70.515 | 15.414 | 158.841 | 41833.387 | 51209.633 | 33.687 | 34.823 |
| 23.904 | 1.025 | 14.742 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 70.508 | 15.413 | 158.826 | 41862.945 | 51246.246 | 33.714 | 34.847 |
| 23.887 | 1.025 | 14.738 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 70.507 | 15.414 | 158.825 | 41834.391 | 51210.230 | 33.688 | 34.823 |
| 23.904 | 1.025 | 14.732 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 70.499 | 15.414 | 158.806 | 41869.137 | 51253.293 | 33.719 | 34.852 |
| 23.884 | 1.025 | 14.737 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 70.493 | 15.413 | 158.791 | 41842.441 | 51221.145 | 33.696 | 34.830 |
| 23.899 | 1.025 | 14.730 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 70.481 | 15.413 | 158.765 | 41845.137 | 51224.965 | 33.698 | 34.833 |
| 23.898 | 1.025 | 14.732 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 70.484 | 15.413 | 158.773 | 41846.004 | 51226.563 | 33.700 | 34.834 |
| 23.897 | 1.025 | 14.727 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 70.471 | 15.414 | 158.744 | 41844.555 | 51223.301 | 33.697 | 34.832 |
| 23.898 | 1.025 | 14.721 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 70.467 | 15.413 | 158.733 | 41808.500 | 51179.703 | 33.665 | 34.802 |
| 23.919 | 1.025 | 14.720 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 70.458 | 15.414 | 158.714 | 41849.156 | 51229.164 | 33.702 | 34.836 |
| 23.895 | 1.025 | 14.723 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 70.458 | 15.414 | 158.714 | 41858.473 | 51239.816 | 33.709 | 34.843 |
| 23.890 | 1.025 | 14.716 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 70.448 | 15.415 | 158.691 | 41840.762 | 51217.719 | 33.693 | 34.828 |
| 23.900 | 1.025 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 70.447 | 15.415 | 158.690 | 41860.414 | 51241.773 | 33.711 | 34.844 |
| 23.889 | 1.025 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 70.459 | 15.415 | 158.716 | 41799.457 | 51167.047 | 33.656 | 34.794 |
| 23.924 | 1.025 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 70.441 | 15.415 | 158.675 | 41876.586 | 51260.723 | 33.725 | 34.857 |
| 23.880 | 1.025 | 14.714 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 70.432 | 15.415 | 158.654 | 41862.543 | 51243.531 | 33.712 | 34.846 |
| 23.888 | 1.025 | 14.723 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 70.429 | 15.416 | 158.648 | 41823.824 | 51195.922 | 33.677 | 34.813 |
| 23.910 | 1.025 | 14.721 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 70.438 | 15.416 | 158.669 | 41825.816 | 51197.945 | 33.679 | 34.815 |
| 23.909 | 1.025 | 14.715 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 70.428 | 15.416 | 158.645 | 41867.066 | 51248.539 | 33.716 | 34.849 |
| 23.885 | 1.025 | 14.724 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 70.439 | 15.417 | 158.670 | 41815.668 | 51184.363 | 33.669 | 34.805 |
| 23.914 | 1.025 | 14.718 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 70.427 | 15.417 | 158.643 | 41858.488 | 51236.656 | 33.707 | 34.841 |
| 23.890 | 1.025 | 14.732 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 70.428 | 15.417 | 158.647 | 41861.680 | 51239.945 | 33.710 | 34.843 |
| 23.888 | 1.025 | 14.728 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 70.431 | 15.417 | 158.652 | 41817.676 | 51186.180 | 33.670 | 34.807 |
| 23.913 | 1.025 | 14.731 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 70.427 | 15.417 | 158.643 | 41830.449 | 51201.719 | 33.682 | 34.817 |
| 23.906 | 1.025 | 14.735 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 70.430 | 15.418 | 158.651 | 41842.637 | 51215.574 | 33.692 | 34.827 |
| 23.899 | 1.025 | 14.736 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 70.432 | 15.418 | 158.655 | 41877.543 | 51258.820 | 33.724 | 34.856 |
| 23.879 | 1.025 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 70.434 | 15.419 | 158.660 | 41849.922 | 51224.070 | 33.698 | 34.832 |
| 23.895 | 1.025 | 14.738 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 70.447 | 15.419 | 158.689 | 41871.723 | 51250.523 | 33.718 | 34.850 |
| 23.882 | 1.025 | 14.731 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 70.436 | 15.419 | 158.664 | 41888.191 | 51270.793 | 33.733 | 34.864 |
| 23.873 | 1.025 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 70.443 | 15.419 | 158.680 | 41829.738 | 51199.367 | 33.680 | 34.816 |
| 23.906 | 1.025 | 14.738 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 70.449 | 15.419 | 158.694 | 41842.918 | 51215.172 | 33.692 | 34.826 |
| 23.899 | 1.025 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 70.444 | 15.419 | 158.681 | 41837.348 | 51208.039 | 33.686 | 34.821 |
| 23.902 | 1.025 | 14.734 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 70.453 | 15.420 | 158.703 | 41785.777 | 51144.281 | 33.640 | 34.778 |
| 23.932 | 1.025 | 14.728 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 70.450 | 15.419 | 158.697 | 41828.012 | 51196.395 | 33.678 | 34.814 |
| 23.907 | 1.025 | 14.735 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 70.451 | 15.419 | 158.699 | 41817.043 | 51183.285 | 33.668 | 34.805 |
| 23.914 | 1.025 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 70.460 | 15.420 | 158.719 | 41876.008 | 51253.977 | 33.720 | 34.853 |
| 23.880 | 1.025 | 14.743 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 70.466 | 15.420 | 158.733 | 41853.563 | 51226.930 | 33.700 | 34.834 |
| 23.893 | 1.025 | 14.741 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 70.455 | 15.420 | 158.706 | 41825.285 | 51192.316 | 33.675 | 34.811 |
| 23.909 | 1.025 | 14.750 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 70.458 | 15.420 | 158.713 | 41831.691 | 51200.160 | 33.681 | 34.816 |
| 23.905 | 1.025 | 14.753 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 70.459 | 15.420 | 158.716 | 41827.023 | 51194.984 | 33.677 | 34.813 |
| 23.908 | 1.025 | 14.761 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 70.460 | 15.419 | 158.717 | 41864.672 | 51241.484 | 33.711 | 34.844 |
| 23.886 | 1.025 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 70.458 | 15.420 | 158.713 | 41854.727 | 51228.242 | 33.701 | 34.835 |
| 23.892 | 1.025 | 14.756 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 70.450 | 15.420 | 158.696 | 41825.211 | 51192.652 | 33.675 | 34.811 |
| 23.909 | 1.025 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 70.447 | 15.420 | 158.690 | 41815.406 | 51180.543 | 33.666 | 34.803 |
| 23.915 | 1.025 | 14.762 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 70.448 | 15.420 | 158.692 | 41822.055 | 51188.902 | 33.672 | 34.808 |
| 23.911 | 1.025 | 14.764 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 70.455 | 15.419 | 158.707 | 41839.867 | 51211.121 | 33.689 | 34.824 |
| 23.901 | 1.025 | 14.760 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 70.448 | 15.419 | 158.692 | 41827.383 | 51195.625 | 33.677 | 34.813 |
| 23.908 | 1.025 | 14.754 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 70.433 | 15.420 | 158.657 | 41832.063 | 51200.930 | 33.681 | 34.817 |
| 23.905 | 1.025 | 14.763 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 70.445 | 15.419 | 158.684 | 41852.855 | 51226.805 | 33.700 | 34.834 |
| 23.893 | 1.025 | 14.748 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 70.428 | 15.420 | 158.645 | 41860.813 | 51236.227 | 33.707 | 34.841 |
| 23.889 | 1.025 | 14.763 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 70.432 | 15.420 | 158.655 | 41834.348 | 51203.949 | 33.683 | 34.819 |
| 23.904 | 1.025 | 14.759 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 70.426 | 15.420 | 158.642 | 41809.141 | 51172.875 | 33.661 | 34.798 |
| 23.918 | 1.025 | 14.755 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 70.424 | 15.420 | 158.638 | 41828.258 | 51196.078 | 33.678 | 34.813 |
| 23.907 | 1.025 | 14.753 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 70.444 | 15.420 | 158.682 | 41838.230 | 51207.641 | 33.686 | 34.821 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23.902 | 1.025 | 14.738 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 70.422 | 15.420 | 158.632 | 41881.984 | 51261.836 | 33.726 | 34.858 |
| 23.877 | 1.025 | 14.746 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 70.418 | 15.420 | 158.623 | 41843.320 | 51214.184 | 33.691 | 34.826 |
| 23.899 | 1.025 | 14.747 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 70.412 | 15.420 | 158.609 | 41864.770 | 51240.645 | 33.710 | 34.844 |
| 23.886 | 1.025 | 14.753 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 70.413 | 15.420 | 158.613 | 41868.992 | 51245.391 | 33.714 | 34.847 |
| 23.884 | 1.025 | 14.756 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 70.416 | 15.420 | 158.620 | 41862.906 | 51237.941 | 33.709 | 34.842 |
| 23.887 | 1.025 | 14.744 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 70.410 | 15.421 | 158.605 | 41886.230 | 51266.293 | 33.729 | 34.861 |
| 23.874 | 1.025 | 14.750 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 70.412 | 15.421 | 158.610 | 41869.633 | 51245.977 | 33.714 | 34.847 |
| 23.884 | 1.025 | 14.751 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 70.420 | 15.421 | 158.628 | 41866.270 | 51241.539 | 33.711 | 34.844 |
| 23.886 | 1.025 | 14.735 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 70.418 | 15.421 | 158.623 | 41844.625 | 51214.629 | 33.691 | 34.826 |
| 23.898 | 1.025 | 14.743 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 70.435 | 15.422 | 158.662 | 41796.320 | 51154.969 | 33.648 | 34.785 |
| 23.926 | 1.025 | 14.732 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 70.432 | 15.422 | 158.654 | 41872.031 | 51246.891 | 33.715 | 34.848 |
| 23.882 | 1.025 | 14.733 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 70.440 | 15.421 | 158.672 | 41867.645 | 51242.465 | 33.712 | 34.845 |
| 23.885 | 1.025 | 14.732 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 70.458 | 15.422 | 158.713 | 41833.762 | 51200.672 | 33.681 | 34.816 |
| 23.904 | 1.025 | 14.718 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 70.461 | 15.422 | 158.720 | 41827.625 | 51192.863 | 33.676 | 34.811 |
| 23.908 | 1.025 | 14.723 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 70.473 | 15.422 | 158.747 | 41858.922 | 51231.168 | 33.704 | 34.837 |
| 23.890 | 1.025 | 14.713 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 70.470 | 15.423 | 158.740 | 41824.012 | 51187.582 | 33.672 | 34.808 |
| 23.910 | 1.025 | 14.720 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 70.490 | 15.423 | 158.785 | 41856.484 | 51227.121 | 33.701 | 34.834 |
| 23.891 | 1.025 | 14.709 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 70.494 | 15.422 | 158.796 | 41869.363 | 51243.945 | 33.713 | 34.846 |
| 23.884 | 1.025 | 14.704 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 70.524 | 15.421 | 158.862 | 41814.543 | 51177.813 | 33.664 | 34.801 |
| 23.915 | 1.025 | 14.686 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 70.518 | 15.421 | 158.849 | 41859.133 | 51232.582 | 33.705 | 34.838 |
| 23.890 | 1.025 | 14.707 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 70.532 | 15.422 | 158.880 | 41854.348 | 51226.090 | 33.700 | 34.834 |
| 23.892 | 1.025 | 14.704 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 70.537 | 15.421 | 158.891 | 41887.547 | 51266.930 | 33.730 | 34.862 |
| 23.873 | 1.025 | 14.714 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 70.558 | 15.422 | 158.939 | 41845.250 | 51214.953 | 33.692 | 34.826 |
| 23.898 | 1.025 | 14.693 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 70.572 | 15.421 | 158.969 | 41842.613 | 51212.168 | 33.690 | 34.824 |
| 23.899 | 1.025 | 14.701 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 70.582 | 15.421 | 158.994 | 41884.969 | 51264.313 | 33.728 | 34.860 |
| 23.875 | 1.025 | 14.696 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 70.587 | 15.420 | 159.005 | 41868.809 | 51245.168 | 33.714 | 34.847 |
| 23.884 | 1.025 | 14.702 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 70.599 | 15.419 | 159.032 | 41859.914 | 51235.973 | 33.707 | 34.840 |
| 23.889 | 1.025 | 14.699 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 70.605 | 15.419 | 159.046 | 41870.648 | 51248.797 | 33.716 | 34.849 |
| 23.883 | 1.025 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 70.610 | 15.418 | 159.057 | 41875.043 | 51255.328 | 33.721 | 34.854 |
| 23.881 | 1.025 | 14.708 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 70.617 | 15.418 | 159.071 | 41851.691 | 51227.059 | 33.700 | 34.834 |
| 23.894 | 1.025 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 70.626 | 15.418 | 159.091 | 41792.148 | 51154.715 | 33.647 | 34.785 |
| 23.928 | 1.025 | 14.705 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 70.634 | 15.417 | 159.109 | 41824.766 | 51195.379 | 33.677 | 34.813 |
| 23.909 | 1.025 | 14.700 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 70.635 | 15.416 | 159.111 | 41794.254 | 51158.672 | 33.650 | 34.788 |
| 23.927 | 1.025 | 14.702 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 70.641 | 15.416 | 159.125 | 41814.348 | 51183.797 | 33.668 | 34.805 |
| 23.915 | 1.025 | 14.700 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 70.643 | 15.415 | 159.131 | 41824.344 | 51196.980 | 33.678 | 34.814 |
| 23.910 | 1.025 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 70.642 | 15.414 | 159.128 | 41846.926 | 51225.574 | 33.699 | 34.833 |
| 23.897 | 1.025 | 14.709 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 70.635 | 15.414 | 159.113 | 41887.117 | 51275.406 | 33.736 | 34.867 |
| 23.874 | 1.025 | 14.711 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 70.638 | 15.413 | 159.119 | 41848.668 | 51228.875 | 33.701 | 34.836 |
| 23.896 | 1.025 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 70.629 | 15.412 | 159.098 | 41842.645 | 51223.297 | 33.697 | 34.832 |
| 23.899 | 1.025 | 14.719 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 70.632 | 15.412 | 159.106 | 41860.473 | 51245.121 | 33.713 | 34.847 |
| 23.889 | 1.025 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 70.610 | 15.411 | 159.057 | 41832.336 | 51211.418 | 33.688 | 34.824 |
| 23.905 | 1.025 | 14.727 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 70.634 | 15.411 | 159.110 | 41838.941 | 51219.301 | 33.694 | 34.829 |
| 23.901 | 1.025 | 14.724 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 70.607 | 15.410 | 159.049 | 41813.820 | 51190.027 | 33.673 | 34.809 |
| 23.916 | 1.025 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 70.602 | 15.410 | 159.037 | 41818.918 | 51195.945 | 33.677 | 34.813 |
| 23.913 | 1.025 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 70.597 | 15.410 | 159.026 | 41837.805 | 51220.219 | 33.695 | 34.830 |
| 23.902 | 1.025 | 14.720 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 70.581 | 15.409 | 158.990 | 41817.988 | 51196.188 | 33.677 | 34.813 |
| 23.913 | 1.025 | 14.724 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 70.572 | 15.410 | 158.970 | 41857.406 | 51244.016 | 33.712 | 34.846 |
| 23.891 | 1.025 | 14.729 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 70.568 | 15.409 | 158.960 | 41847.801 | 51232.887 | 33.704 | 34.838 |
| 23.896 | 1.025 | 14.715 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 70.591 | 15.409 | 159.012 | 41857.902 | 51245.254 | 33.713 | 34.847 |
| 23.890 | 1.025 | 14.700 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 70.548 | 15.409 | 158.917 | 41861.453 | 51249.602 | 33.716 | 34.850 |
| 23.888 | 1.025 | 14.709 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 70.535 | 15.409 | 158.886 | 41834.609 | 51217.066 | 33.692 | 34.828 |
| 23.904 | 1.025 | 14.710 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 70.526 | 15.408 | 158.867 | 41790.051 | 51163.348 | 33.653 | 34.791 |
| 23.929 | 1.025 | 14.701 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 70.521 | 15.409 | 158.856 | 41846.664 | 51231.934 | 33.703 | 34.838 |
| 23.897 | 1.025 | 14.697 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 70.513 | 15.409 | 158.837 | 41820.816 | 51200.070 | 33.680 | 34.816 |
| 23.912 | 1.025 | 14.701 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 70.507 | 15.410 | 158.823 | 41862.191 | 51249.766 | 33.716 | 34.850 |
| 23.888 | 1.025 | 14.690 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 70.503 | 15.410 | 158.815 | 41849.445 | 51233.527 | 33.704 | 34.839 |
| 23.895 | 1.025 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 70.487 | 15.410 | 158.778 | 41802.051 | 51175.938 | 33.662 | 34.800 |
| 23.922 | 1.025 | 14.688 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 70.485 | 15.411 | 158.774 | 41833.469 | 51213.332 | 33.690 | 34.825 |
| 23.904 | 1.025 | 14.683 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 70.486 | 15.411 | 158.777 | 41832.266 | 51211.648 | 33.688 | 34.824 |
| 23.905 | 1.025 | 14.676 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 70.470 | 15.411 | 158.740 | 41838.031 | 51218.914 | 33.694 | 34.829 |
| 23.902 | 1.025 | 14.685 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 70.456 | 15.412 | 158.709 | 41815.555 | 51190.559 | 33.673 | 34.810 |
| 23.915 | 1.025 | 14.694 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 70.468 | 15.412 | 158.737 | 41829.910 | 51207.395 | 33.685 | 34.821 |
| 23.906 | 1.025 | 14.684 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 70.462 | 15.412 | 158.723 | 41819.672 | 51194.750 | 33.676 | 34.812 |
| 23.912 | 1.025 | 14.686 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 70.464 | 15.413 | 158.727 | 41875.738 | 51262.426 | 33.726 | 34.858 |
| 23.880 | 1.025 | 14.683 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 70.462 | 15.413 | 158.723 | 41839.805 | 51218.551 | 33.694 | 34.829 |
| 23.901 | 1.025 | 14.689 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 70.461 | 15.413 | 158.720 | 41822.500 | 51196.945 | 33.678 | 34.814 |
| 23.911 | 1.025 | 14.691 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/8/2017 4:15:00 PM | 324900.000 | 70.457 | 15.414 | 158.712 | 41851.098 | 51231.000 | 33.703 | 34.837 |
| 23.894 | 1.025 | 14.695 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 70.460 | 15.414 | 158.718 | 41843.129 | 51220.816 | 33.695 | 34.830 |
| 23.899 | 1.025 | 14.686 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 70.469 | 15.415 | 158.739 | 41845.336 | 51222.777 | 33.697 | 34.831 |
| 23.898 | 1.025 | 14.684 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 70.465 | 15.415 | 158.729 | 41872.758 | 51256.984 | 33.722 | 34.855 |
| 23.882 | 1.025 | 14.687 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 70.474 | 15.415 | 158.749 | 41843.074 | 51220.012 | 33.695 | 34.830 |
| 23.899 | 1.025 | 14.689 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 70.467 | 15.416 | 158.735 | 41877.969 | 51261.672 | 33.726 | 34.858 |
| 23.879 | 1.025 | 14.693 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 70.480 | 15.417 | 158.762 | 41870.918 | 51252.301 | 33.719 | 34.852 |
| 23.883 | 1.025 | 14.686 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 70.482 | 15.417 | 158.768 | 41842.313 | 51217.059 | 33.693 | 34.828 |
| 23.899 | 1.025 | 14.689 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 70.483 | 15.417 | 158.769 | 41853.984 | 51230.723 | 33.703 | 34.837 |
| 23.893 | 1.025 | 14.687 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 70.483 | 15.417 | 158.771 | 41868.145 | 51248.367 | 33.716 | 34.849 |
| 23.885 | 1.025 | 14.696 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 70.484 | 15.417 | 158.773 | 41854.980 | 51231.742 | 33.704 | 34.838 |
| 23.892 | 1.025 | 14.703 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 70.489 | 15.417 | 158.784 | 41888.965 | 51273.754 | 33.735 | 34.866 |
| 23.873 | 1.025 | 14.704 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 70.495 | 15.417 | 158.797 | 41789.711 | 51152.051 | 33.645 | 34.783 |
| 23.929 | 1.025 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 70.495 | 15.418 | 158.796 | 41878.324 | 51259.773 | 33.724 | 34.857 |
| 23.879 | 1.025 | 14.704 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 70.498 | 15.418 | 158.804 | 41861.184 | 51238.477 | 33.709 | 34.842 |
| 23.888 | 1.025 | 14.711 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 70.508 | 15.418 | 158.827 | 41812.926 | 51179.609 | 33.665 | 34.802 |
| 23.916 | 1.025 | 14.702 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 70.505 | 15.418 | 158.820 | 41820.078 | 51187.961 | 33.672 | 34.808 |
| 23.912 | 1.025 | 14.705 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 70.502 | 15.418 | 158.812 | 41817.367 | 51184.535 | 33.669 | 34.805 |
| 23.914 | 1.025 | 14.703 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 70.511 | 15.418 | 158.833 | 41860.629 | 51238.227 | 33.709 | 34.842 |
| 23.889 | 1.025 | 14.706 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 70.511 | 15.418 | 158.832 | 41839.008 | 51211.223 | 33.689 | 34.824 |
| 23.901 | 1.025 | 14.710 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 70.502 | 15.418 | 158.812 | 41851.848 | 51226.738 | 33.700 | 34.834 |
| 23.894 | 1.025 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 70.502 | 15.418 | 158.813 | 41863.125 | 51240.543 | 33.710 | 34.844 |
| 23.887 | 1.025 | 14.714 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 70.507 | 15.418 | 158.824 | 41821.605 | 51190.461 | 33.673 | 34.810 |
| 23.911 | 1.025 | 14.718 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 70.502 | 15.418 | 158.813 | 41846.227 | 51220.059 | 33.695 | 34.830 |
| 23.897 | 1.025 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 70.500 | 15.418 | 158.808 | 41815.336 | 51182.477 | 33.668 | 34.804 |
| 23.915 | 1.025 | 14.717 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 70.496 | 15.418 | 158.800 | 41857.813 | 51234.352 | 33.706 | 34.839 |
| 23.890 | 1.025 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 70.501 | 15.418 | 158.810 | 41845.824 | 51219.797 | 33.695 | 34.829 |
| 23.897 | 1.025 | 14.716 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 70.501 | 15.418 | 158.810 | 41815.102 | 51182.191 | 33.667 | 34.804 |
| 23.915 | 1.025 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 70.499 | 15.418 | 158.807 | 41816.914 | 51184.918 | 33.669 | 34.806 |
| 23.914 | 1.025 | 14.719 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 70.485 | 15.418 | 158.774 | 41862.129 | 51240.164 | 33.710 | 34.843 |
| 23.888 | 1.025 | 14.725 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 70.483 | 15.418 | 158.769 | 41844.184 | 51218.199 | 33.694 | 34.828 |
| 23.898 | 1.025 | 14.728 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 70.478 | 15.417 | 158.758 | 41816.762 | 51185.059 | 33.669 | 34.806 |
| 23.914 | 1.025 | 14.733 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 70.480 | 15.417 | 158.762 | 41836.191 | 51209.055 | 33.687 | 34.822 |
| 23.903 | 1.025 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 70.476 | 15.417 | 158.754 | 41842.953 | 51218.070 | 33.694 | 34.828 |
| 23.899 | 1.025 | 14.727 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 70.478 | 15.417 | 158.759 | 41859.637 | 51238.387 | 33.709 | 34.842 |
| 23.889 | 1.025 | 14.720 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 70.478 | 15.417 | 158.759 | 41857.402 | 51234.707 | 33.706 | 34.840 |
| 23.891 | 1.025 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 70.467 | 15.418 | 158.733 | 41879.480 | 51261.613 | 33.726 | 34.858 |
| 23.878 | 1.025 | 14.721 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 70.473 | 15.417 | 158.747 | 41860.355 | 51238.633 | 33.709 | 34.842 |
| 23.889 | 1.025 | 14.722 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 70.486 | 15.418 | 158.777 | 41863.109 | 51240.953 | 33.711 | 34.844 |
| 23.887 | 1.025 | 14.710 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 70.476 | 15.418 | 158.754 | 41861.668 | 51239.500 | 33.709 | 34.843 |
| 23.888 | 1.025 | 14.722 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 70.484 | 15.418 | 158.773 | 41837.199 | 51209.121 | 33.687 | 34.822 |
| 23.902 | 1.025 | 14.723 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 70.473 | 15.418 | 158.747 | 41842.188 | 51215.023 | 33.692 | 34.826 |
| 23.899 | 1.025 | 14.736 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 70.476 | 15.418 | 158.754 | 41868.781 | 51247.777 | 33.716 | 34.848 |
| 23.884 | 1.025 | 14.740 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 70.490 | 15.418 | 158.786 | 41842.656 | 51216.539 | 33.693 | 34.827 |
| 23.899 | 1.025 | 14.739 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 70.484 | 15.418 | 158.773 | 41877.414 | 51258.461 | 33.723 | 34.856 |
| 23.879 | 1.025 | 14.746 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 70.504 | 15.418 | 158.817 | 41864.516 | 51242.758 | 33.712 | 34.845 |
| 23.887 | 1.025 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 70.512 | 15.418 | 158.835 | 41856.195 | 51232.492 | 33.704 | 34.838 |
| 23.891 | 1.025 | 14.739 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 70.520 | 15.418 | 158.852 | 41849.098 | 51223.805 | 33.698 | 34.832 |
| 23.895 | 1.025 | 14.737 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 70.534 | 15.418 | 158.885 | 41873.453 | 51253.496 | 33.720 | 34.852 |
| 23.881 | 1.025 | 14.738 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 70.535 | 15.418 | 158.886 | 41876.598 | 51257.344 | 33.723 | 34.855 |
| 23.880 | 1.025 | 14.748 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 70.546 | 15.418 | 158.911 | 41823.176 | 51191.645 | 33.674 | 34.810 |
| 23.910 | 1.025 | 14.751 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 70.565 | 15.418 | 158.955 | 41831.254 | 51202.273 | 33.682 | 34.818 |
| 23.906 | 1.025 | 14.741 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 70.577 | 15.418 | 158.981 | 41846.512 | 51220.836 | 33.696 | 34.830 |
| 23.897 | 1.025 | 14.738 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 70.581 | 15.417 | 158.990 | 41836.742 | 51210.160 | 33.688 | 34.823 |
| 23.902 | 1.025 | 14.750 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 70.605 | 15.416 | 159.044 | 41827.082 | 51198.855 | 33.679 | 34.815 |
| 23.908 | 1.025 | 14.746 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 70.618 | 15.417 | 159.075 | 41880.129 | 51263.266 | 33.727 | 34.859 |
| 23.878 | 1.025 | 14.741 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 70.627 | 15.416 | 159.095 | 41846.137 | 51222.508 | 33.697 | 34.831 |
| 23.897 | 1.025 | 14.750 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 70.636 | 15.416 | 159.115 | 41907.543 | 51297.984 | 33.752 | 34.883 |
| 23.862 | 1.025 | 14.754 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 70.648 | 15.416 | 159.141 | 41841.430 | 51217.156 | 33.693 | 34.828 |
| 23.900 | 1.025 | 14.749 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 70.657 | 15.415 | 159.162 | 41798.945 | 51166.531 | 33.656 | 34.793 |
| 23.924 | 1.025 | 14.754 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 70.665 | 15.415 | 159.181 | 41819.316 | 51191.566 | 33.674 | 34.810 |
| 23.912 | 1.025 | 14.761 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 70.680 | 15.414 | 159.213 | 41846.980 | 51226.500 | 33.700 | 34.834 |
| 23.897 | 1.025 | 14.760 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 70.679 | 15.412 | 159.211 | 41826.383 | 51202.766 | 33.682 | 34.818 |
| 23.908 | 1.025 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 70.716 | 15.413 | 159.295 | 41854.508 | 51237.074 | 33.707 | 34.841 |
| 23.892 | 1.025 | 14.766 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 70.695 | 15.412 | 159.248 | 41839.563 | 51219.949 | 33.695 | 34.830 |
| 23.901 | 1.025 | 14.765 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 70.701 | 15.411 | 159.262 | 41830.598 | 51210.145 | 33.687 | 34.823 |
| 23.906 | 1.025 | 14.769 | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 70.705 | 15.410 | 159.270 | 41856.902 | 51242.770 | 33.711 | 34.845 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23.891 | 1.025 | 14.775 | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 70.707 | 15.409 | 159.274 | 41862.277 | 51250.719 | 33.717 | 34.850 |
| 23.888 | 1.025 | 14.771 | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 70.700 | 15.409 | 159.258 | 41872.129 | 51263.000 | 33.726 | 34.859 |
| 23.882 | 1.025 | 14.779 | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 70.700 | 15.408 | 159.259 | 41838.656 | 51223.500 | 33.697 | 34.832 |
| 23.901 | 1.025 | 14.786 | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 70.694 | 15.406 | 159.246 | 41877.215 | 51272.191 | 33.733 | 34.865 |
| 23.879 | 1.025 | 14.787 | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 70.693 | 15.406 | 159.242 | 41851.898 | 51242.027 | 33.710 | 34.845 |
| 23.894 | 1.025 | 14.790 | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 70.684 | 15.405 | 159.224 | 41843.645 | 51232.664 | 33.703 | 34.838 |
| 23.898 | 1.025 | 14.796 | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 70.681 | 15.405 | 159.215 | 41874.098 | 51270.375 | 33.731 | 34.864 |
| 23.881 | 1.025 | 14.796 | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 70.662 | 15.405 | 159.173 | 41838.527 | 51226.934 | 33.699 | 34.834 |
| 23.901 | 1.025 | 14.803 | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 70.662 | 15.404 | 159.174 | 41838.234 | 51227.949 | 33.700 | 34.835 |
| 23.902 | 1.025 | 14.799 | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 70.645 | 15.403 | 159.135 | 41807.617 | 51190.879 | 33.673 | 34.810 |
| 23.919 | 1.025 | 14.804 | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 70.639 | 15.403 | 159.120 | 41866.703 | 51263.867 | 33.726 | 34.859 |
| 23.885 | 1.025 | 14.794 | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 70.633 | 15.402 | 159.107 | 41880.027 | 51280.402 | 33.738 | 34.871 |
| 23.878 | 1.025 | 14.784 | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 70.619 | 15.402 | 159.077 | 41776.309 | 51154.250 | 33.646 | 34.785 |
| 23.937 | 1.025 | 14.781 | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 70.610 | 15.402 | 159.056 | 41848.984 | 51243.012 | 33.711 | 34.845 |
| 23.895 | 1.025 | 14.773 | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 70.598 | 15.402 | 159.029 | 41803.352 | 51187.363 | 33.670 | 34.807 |
| 23.922 | 1.025 | 14.777 | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 70.586 | 15.402 | 159.001 | 41870.758 | 51269.363 | 33.730 | 34.863 |
| 23.883 | 1.025 | 14.782 | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 70.578 | 15.402 | 158.985 | 41836.449 | 51227.563 | 33.699 | 34.835 |
| 23.903 | 1.025 | 14.772 | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 70.564 | 15.402 | 158.953 | 41849.859 | 51243.563 | 33.711 | 34.846 |
| 23.895 | 1.025 | 14.768 | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 70.556 | 15.403 | 158.933 | 41865.195 | 51261.707 | 33.725 | 34.858 |
| 23.886 | 1.025 | 14.768 | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 70.543 | 15.402 | 158.906 | 41876.484 | 51276.164 | 33.735 | 34.868 |
| 23.880 | 1.025 | 14.773 | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 70.528 | 15.404 | 158.872 | 41836.121 | 51225.359 | 33.698 | 34.833 |
| 23.903 | 1.025 | 14.785 | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 70.523 | 15.402 | 158.859 | 41843.543 | 51235.727 | 33.705 | 34.840 |
| 23.899 | 1.025 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 70.513 | 15.404 | 158.838 | 41833.332 | 51221.746 | 33.695 | 34.831 |
| 23.904 | 1.025 | 14.780 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 70.506 | 15.404 | 158.821 | 41838.457 | 51227.281 | 33.699 | 34.835 |
| 23.901 | 1.025 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 70.496 | 15.405 | 158.800 | 41858.012 | 51250.363 | 33.716 | 34.850 |
| 23.890 | 1.025 | 14.779 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 70.491 | 15.405 | 158.788 | 41848.012 | 51237.598 | 33.707 | 34.842 |
| 23.896 | 1.025 | 14.776 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 70.490 | 15.406 | 158.787 | 41838.449 | 51225.789 | 33.698 | 34.834 |
| 23.901 | 1.025 | 14.779 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 70.479 | 15.406 | 158.762 | 41849.910 | 51238.852 | 33.708 | 34.842 |
| 23.895 | 1.025 | 14.776 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 70.479 | 15.406 | 158.761 | 41831.234 | 51215.895 | 33.691 | 34.827 |
| 23.906 | 1.025 | 14.778 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 70.474 | 15.407 | 158.749 | 41834.820 | 51219.758 | 33.694 | 34.829 |
| 23.904 | 1.025 | 14.782 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 70.475 | 15.408 | 158.752 | 41825.324 | 51206.762 | 33.685 | 34.821 |
| 23.909 | 1.025 | 14.775 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 70.472 | 15.409 | 158.745 | 41823.086 | 51203.168 | 33.682 | 34.818 |
| 23.910 | 1.025 | 14.779 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 70.471 | 15.409 | 158.743 | 41844.074 | 51228.434 | 33.701 | 34.835 |
| 23.898 | 1.025 | 14.776 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 70.480 | 15.409 | 158.764 | 41851.051 | 51236.973 | 33.707 | 34.841 |
| 23.894 | 1.025 | 14.773 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 70.484 | 15.410 | 158.772 | 41831.266 | 51211.273 | 33.688 | 34.824 |
| 23.906 | 1.025 | 14.770 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 70.488 | 15.411 | 158.780 | 41857.102 | 51242.363 | 33.711 | 34.845 |
| 23.891 | 1.025 | 14.765 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 70.485 | 15.411 | 158.773 | 41863.566 | 51249.969 | 33.717 | 34.850 |
| 23.887 | 1.025 | 14.769 | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 70.490 | 15.411 | 158.786 | 41817.691 | 51193.805 | 33.675 | 34.812 |
| 23.913 | 1.025 | 14.773 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 70.488 | 15.411 | 158.781 | 41844.867 | 51226.973 | 33.700 | 34.834 |
| 23.898 | 1.025 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 70.490 | 15.412 | 158.786 | 41867.754 | 51254.035 | 33.720 | 34.853 |
| 23.885 | 1.025 | 14.777 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 70.497 | 15.412 | 158.802 | 41854.371 | 51237.230 | 33.707 | 34.841 |
| 23.892 | 1.025 | 14.774 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 70.499 | 15.413 | 158.805 | 41828.969 | 51205.395 | 33.684 | 34.820 |
| 23.907 | 1.025 | 14.779 | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 70.499 | 15.413 | 158.805 | 41849.547 | 51230.793 | 33.703 | 34.837 |
| 23.895 | 1.025 | 14.778 | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 70.512 | 15.414 | 158.835 | 41858.113 | 51240.008 | 33.710 | 34.843 |
| 23.890 | 1.025 | 14.775 | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 70.519 | 15.413 | 158.851 | 41802.457 | 51172.199 | 33.660 | 34.797 |
| 23.922 | 1.025 | 14.777 | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 70.516 | 15.414 | 158.843 | 41849.500 | 51229.586 | 33.702 | 34.836 |
| 23.895 | 1.025 | 14.786 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 70.521 | 15.414 | 158.854 | 41857.949 | 51239.391 | 33.709 | 34.843 |
| 23.890 | 1.025 | 14.782 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 70.529 | 15.414 | 158.874 | 41803.867 | 51172.863 | 33.660 | 34.798 |
| 23.921 | 1.025 | 14.774 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 70.525 | 15.415 | 158.865 | 41821.117 | 51193.672 | 33.676 | 34.812 |
| 23.911 | 1.025 | 14.783 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 70.529 | 15.415 | 158.872 | 41901.586 | 51291.863 | 33.748 | 34.878 |
| 23.865 | 1.025 | 14.780 | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 70.540 | 15.415 | 158.899 | 41869.184 | 51252.508 | 33.719 | 34.852 |
| 23.884 | 1.025 | 14.771 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 70.540 | 15.415 | 158.898 | 41792.219 | 51158.086 | 33.649 | 34.788 |
| 23.928 | 1.025 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 70.534 | 15.415 | 158.884 | 41888.086 | 51274.906 | 33.735 | 34.867 |
| 23.873 | 1.025 | 14.775 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 70.533 | 15.415 | 158.882 | 41869.734 | 51252.441 | 33.719 | 34.852 |
| 23.884 | 1.025 | 14.779 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 70.531 | 15.416 | 158.878 | 41847.281 | 51224.422 | 33.698 | 34.833 |
| 23.896 | 1.025 | 14.785 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 70.531 | 15.415 | 158.879 | 41869.199 | 51251.789 | 33.718 | 34.851 |
| 23.884 | 1.025 | 14.780 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 70.534 | 15.416 | 158.885 | 41846.824 | 51223.969 | 33.698 | 34.832 |
| 23.897 | 1.025 | 14.776 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 70.525 | 15.415 | 158.865 | 41839.719 | 51215.699 | 33.692 | 34.827 |
| 23.901 | 1.025 | 14.783 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 70.526 | 15.415 | 158.867 | 41838.996 | 51214.707 | 33.691 | 34.826 |
| 23.901 | 1.025 | 14.772 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 70.527 | 15.415 | 158.870 | 41840.480 | 51217.266 | 33.693 | 34.828 |
| 23.900 | 1.025 | 14.769 | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 70.526 | 15.415 | 158.866 | 41867.754 | 51250.121 | 33.717 | 34.850 |
| 23.885 | 1.025 | 14.772 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 70.518 | 15.415 | 158.849 | 41872.730 | 51256.742 | 33.722 | 34.855 |
| 23.882 | 1.025 | 14.777 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 70.509 | 15.415 | 158.827 | 41849.352 | 51228.234 | 33.701 | 34.835 |
| 23.895 | 1.025 | 14.776 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 70.509 | 15.415 | 158.828 | 41801.246 | 51169.238 | 33.658 | 34.795 |
| 23.923 | 1.025 | 14.769 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 70.508 | 15.415 | 158.826 | 41859.211 | 51239.453 | 33.709 | 34.843 |
| 23.890 | 1.025 | 14.766 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 70.507 | 15.415 | 158.823 | 41843.102 | 51220.473 | 33.695 | 34.830 |
| 23.899 | 1.025 | 14.770 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/10/2017 1:30:00 AM | 444600.000 | 70.507 | 15.415 | 158.824 | 41875.965 | 51259.852 | 33.724 | 34.857 |
| 23.880 | 1.025 | 14.767 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 70.493 | 15.415 | 158.793 | 41857.902 | 51237.961 | 33.708 | 34.842 |
| 23.890 | 1.025 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 70.497 | 15.415 | 158.801 | 41880.789 | 51266.074 | 33.729 | 34.861 |
| 23.877 | 1.025 | 14.771 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 70.502 | 15.415 | 158.814 | 41860.004 | 51240.734 | 33.710 | 34.844 |
| 23.889 | 1.025 | 14.766 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 70.502 | 15.415 | 158.812 | 41848.027 | 51226.074 | 33.699 | 34.834 |
| 23.896 | 1.025 | 14.769 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 70.496 | 15.416 | 158.800 | 41862.344 | 51242.656 | 33.712 | 34.845 |
| 23.888 | 1.025 | 14.770 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 70.504 | 15.415 | 158.818 | 41833.734 | 51208.477 | 33.686 | 34.822 |
| 23.904 | 1.025 | 14.762 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 70.510 | 15.415 | 158.830 | 41854.484 | 51233.777 | 33.705 | 34.839 |
| 23.892 | 1.025 | 14.759 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 70.520 | 15.415 | 158.853 | 41832.621 | 51206.906 | 33.685 | 34.821 |
| 23.905 | 1.025 | 14.754 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 70.514 | 15.416 | 158.840 | 41830.207 | 51203.316 | 33.683 | 34.818 |
| 23.906 | 1.025 | 14.757 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 70.521 | 15.416 | 158.856 | 41870.430 | 51252.555 | 33.719 | 34.852 |
| 23.883 | 1.025 | 14.761 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 70.535 | 15.415 | 158.887 | 41837.863 | 51213.215 | 33.690 | 34.825 |
| 23.902 | 1.025 | 14.753 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 70.545 | 15.416 | 158.909 | 41881.426 | 51265.703 | 33.729 | 34.861 |
| 23.877 | 1.025 | 14.749 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 70.560 | 15.416 | 158.943 | 41856.879 | 51236.066 | 33.707 | 34.841 |
| 23.891 | 1.025 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 70.566 | 15.416 | 158.956 | 41827.141 | 51199.254 | 33.680 | 34.815 |
| 23.908 | 1.025 | 14.744 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 70.588 | 15.416 | 159.006 | 41870.219 | 51252.297 | 33.719 | 34.852 |
| 23.883 | 1.025 | 14.733 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 70.588 | 15.416 | 159.007 | 41858.582 | 51237.844 | 33.708 | 34.842 |
| 23.890 | 1.025 | 14.741 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 70.612 | 15.416 | 159.060 | 41888.781 | 51274.910 | 33.735 | 34.867 |
| 23.873 | 1.025 | 14.735 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 70.621 | 15.415 | 159.080 | 41880.426 | 51265.633 | 33.728 | 34.861 |
| 23.878 | 1.025 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 70.633 | 15.415 | 159.109 | 41809.320 | 51178.691 | 33.665 | 34.802 |
| 23.918 | 1.025 | 14.740 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 70.657 | 15.414 | 159.163 | 41863.141 | 51245.422 | 33.714 | 34.847 |
| 23.887 | 1.025 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 70.670 | 15.414 | 159.191 | 41848.246 | 51227.820 | 33.701 | 34.835 |
| 23.896 | 1.025 | 14.734 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 70.675 | 15.414 | 159.201 | 41831.121 | 51206.656 | 33.685 | 34.821 |
| 23.906 | 1.025 | 14.742 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 70.687 | 15.414 | 159.230 | 41823.113 | 51197.281 | 33.678 | 34.814 |
| 23.910 | 1.025 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 70.708 | 15.414 | 159.277 | 41872.367 | 51257.680 | 33.722 | 34.855 |
| 23.882 | 1.025 | 14.740 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 70.717 | 15.413 | 159.297 | 41875.008 | 51261.961 | 33.726 | 34.858 |
| 23.881 | 1.025 | 14.737 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 70.725 | 15.412 | 159.314 | 41823.598 | 51199.980 | 33.680 | 34.816 |
| 23.910 | 1.025 | 14.739 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 70.743 | 15.410 | 159.356 | 41871.707 | 51260.672 | 33.724 | 34.857 |
| 23.882 | 1.025 | 14.737 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 70.749 | 15.410 | 159.369 | 41869.078 | 51257.563 | 33.722 | 34.855 |
| 23.884 | 1.025 | 14.739 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 70.759 | 15.410 | 159.391 | 41873.668 | 51263.391 | 33.726 | 34.859 |
| 23.881 | 1.025 | 14.743 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 70.759 | 15.409 | 159.392 | 41881.445 | 51273.875 | 33.734 | 34.866 |
| 23.877 | 1.025 | 14.740 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 70.765 | 15.408 | 159.405 | 41863.754 | 51253.582 | 33.719 | 34.852 |
| 23.887 | 1.025 | 14.747 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 70.769 | 15.407 | 159.415 | 41857.805 | 51247.777 | 33.715 | 34.848 |
| 23.890 | 1.025 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 70.769 | 15.406 | 159.414 | 41821.047 | 51204.363 | 33.683 | 34.819 |
| 23.911 | 1.025 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 70.775 | 15.405 | 159.427 | 41819.887 | 51203.574 | 33.682 | 34.818 |
| 23.912 | 1.025 | 14.750 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 70.771 | 15.404 | 159.417 | 41824.914 | 51211.008 | 33.687 | 34.823 |
| 23.909 | 1.025 | 14.746 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 70.771 | 15.403 | 159.418 | 41879.855 | 51279.762 | 33.738 | 34.870 |
| 23.878 | 1.025 | 14.743 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 70.784 | 15.403 | 159.448 | 41844.234 | 51236.453 | 33.706 | 34.841 |
| 23.898 | 1.025 | 14.740 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 70.771 | 15.401 | 159.418 | 41846.129 | 51241.008 | 33.709 | 34.844 |
| 23.897 | 1.025 | 14.733 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 70.755 | 15.401 | 159.382 | 41793.695 | 51176.801 | 33.662 | 34.800 |
| 23.927 | 1.025 | 14.730 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 70.752 | 15.400 | 159.375 | 41815.500 | 51204.660 | 33.682 | 34.819 |
| 23.915 | 1.025 | 14.729 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 70.735 | 15.399 | 159.338 | 41840.477 | 51236.297 | 33.706 | 34.841 |
| 23.900 | 1.025 | 14.730 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 70.733 | 15.398 | 159.333 | 41816.094 | 51207.520 | 33.684 | 34.821 |
| 23.914 | 1.025 | 14.717 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 70.715 | 15.398 | 159.293 | 41810.922 | 51201.387 | 33.680 | 34.817 |
| 23.917 | 1.025 | 14.716 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 70.692 | 15.397 | 159.241 | 41836.305 | 51233.426 | 33.703 | 34.839 |
| 23.903 | 1.025 | 14.707 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 70.700 | 15.397 | 159.258 | 41863.043 | 51266.273 | 33.727 | 34.861 |
| 23.887 | 1.025 | 14.700 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 70.682 | 15.397 | 159.219 | 41854.957 | 51256.691 | 33.720 | 34.855 |
| 23.892 | 1.025 | 14.708 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 70.680 | 15.396 | 159.214 | 41839.273 | 51237.695 | 33.706 | 34.842 |
| 23.901 | 1.025 | 14.696 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 70.668 | 15.397 | 159.186 | 41808.996 | 51199.875 | 33.679 | 34.816 |
| 23.918 | 1.025 | 14.698 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 70.647 | 15.397 | 159.138 | 41860.359 | 51262.984 | 33.725 | 34.859 |
| 23.889 | 1.025 | 14.694 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 70.641 | 15.398 | 159.125 | 41839.582 | 51236.793 | 33.706 | 34.841 |
| 23.901 | 1.025 | 14.689 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 70.639 | 15.397 | 159.121 | 41811.813 | 51203.016 | 33.681 | 34.818 |
| 23.917 | 1.025 | 14.677 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 70.620 | 15.398 | 159.078 | 41842.398 | 51240.141 | 33.708 | 34.843 |
| 23.899 | 1.025 | 14.688 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 70.629 | 15.398 | 159.098 | 41819.828 | 51212.293 | 33.688 | 34.824 |
| 23.912 | 1.025 | 14.683 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 70.599 | 15.398 | 159.030 | 41818.418 | 51210.773 | 33.687 | 34.823 |
| 23.913 | 1.025 | 14.681 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 70.591 | 15.400 | 159.012 | 41833.391 | 51226.789 | 33.699 | 34.834 |
| 23.904 | 1.025 | 14.679 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 70.584 | 15.399 | 158.996 | 41881.469 | 51286.723 | 33.743 | 34.875 |
| 23.877 | 1.025 | 14.671 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 70.585 | 15.399 | 159.000 | 41858.473 | 51258.023 | 33.722 | 34.855 |
| 23.890 | 1.025 | 14.666 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 70.582 | 15.400 | 158.994 | 41850.301 | 51247.496 | 33.714 | 34.848 |
| 23.895 | 1.025 | 14.664 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 70.574 | 15.400 | 158.975 | 41792.098 | 51175.164 | 33.661 | 34.799 |
| 23.928 | 1.025 | 14.663 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 70.567 | 15.401 | 158.959 | 41809.570 | 51196.141 | 33.676 | 34.813 |
| 23.918 | 1.025 | 14.666 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 70.555 | 15.401 | 158.933 | 41853.559 | 51249.262 | 33.715 | 34.850 |
| 23.893 | 1.025 | 14.662 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 70.572 | 15.402 | 158.970 | 41833.648 | 51224.352 | 33.697 | 34.833 |
| 23.904 | 1.025 | 14.640 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 70.565 | 15.402 | 158.955 | 41824.914 | 51213.020 | 33.689 | 34.825 |
| 23.909 | 1.025 | 14.647 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 70.573 | 15.403 | 158.972 | 41845.203 | 51236.902 | 33.706 | 34.841 |
| 23.898 | 1.025 | 14.637 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 70.565 | 15.403 | 158.955 | 41853.063 | 51246.523 | 33.713 | 34.848 |
| 23.893 | 1.025 | 14.649 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 70.578 | 15.404 | 158.984 | 41852.750 | 51245.301 | 33.713 | 34.847 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23.893 | 1.025 | 14.648 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 70.588 | 15.404 | 159.007 | 41890.441 | 51291.449 | 33.747 | 34.878 |
| 23.872 | 1.025 | 14.644 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 70.586 | 15.404 | 159.001 | 41843.355 | 51233.387 | 33.704 | 34.839 |
| 23.899 | 1.025 | 14.638 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 70.593 | 15.405 | 159.018 | 41848.367 | 51238.871 | 33.708 | 34.842 |
| 23.896 | 1.025 | 14.639 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 70.609 | 15.405 | 159.054 | 41855.102 | 51246.277 | 33.713 | 34.847 |
| 23.892 | 1.025 | 14.625 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 70.603 | 15.406 | 159.041 | 41818.797 | 51201.500 | 33.681 | 34.817 |
| 23.913 | 1.025 | 14.628 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 70.625 | 15.406 | 159.090 | 41904.684 | 51306.656 | 33.758 | 34.889 |
| 23.864 | 1.025 | 14.617 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 70.617 | 15.406 | 159.071 | 41870.465 | 51264.336 | 33.727 | 34.860 |
| 23.883 | 1.025 | 14.624 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 70.632 | 15.406 | 159.107 | 41820.723 | 51203.758 | 33.682 | 34.819 |
| 23.912 | 1.025 | 14.617 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 70.642 | 15.406 | 159.129 | 41842.367 | 51229.523 | 33.701 | 34.836 |
| 23.899 | 1.025 | 14.616 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 70.642 | 15.407 | 159.129 | 41868.059 | 51260.660 | 33.724 | 34.857 |
| 23.885 | 1.025 | 14.619 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 70.666 | 15.406 | 159.183 | 41901.027 | 51301.668 | 33.754 | 34.885 |
| 23.866 | 1.025 | 14.607 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 70.672 | 15.407 | 159.196 | 41801.465 | 51178.289 | 33.664 | 34.801 |
| 23.923 | 1.025 | 14.612 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 70.660 | 15.408 | 159.169 | 41853.492 | 51241.348 | 33.710 | 34.844 |
| 23.893 | 1.025 | 14.635 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 70.664 | 15.407 | 159.176 | 41851.582 | 51239.750 | 33.709 | 34.843 |
| 23.894 | 1.025 | 14.649 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 70.676 | 15.406 | 159.204 | 41870.344 | 51263.777 | 33.726 | 34.859 |
| 23.883 | 1.025 | 14.644 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 70.673 | 15.406 | 159.198 | 41841.805 | 51228.836 | 33.701 | 34.836 |
| 23.900 | 1.025 | 14.659 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 70.684 | 15.407 | 159.222 | 41862.551 | 51253.918 | 33.719 | 34.853 |
| 23.888 | 1.025 | 14.652 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 70.688 | 15.406 | 159.232 | 41856.918 | 51247.750 | 33.715 | 34.848 |
| 23.891 | 1.025 | 14.645 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 70.689 | 15.406 | 159.234 | 41870.613 | 51264.840 | 33.727 | 34.860 |
| 23.883 | 1.025 | 14.655 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 70.696 | 15.406 | 159.251 | 41876.926 | 51272.469 | 33.733 | 34.865 |
| 23.879 | 1.025 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 70.696 | 15.406 | 159.249 | 41883.438 | 51280.129 | 33.738 | 34.870 |
| 23.876 | 1.025 | 14.660 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 70.707 | 15.405 | 159.274 | 41814.645 | 51196.840 | 33.677 | 34.814 |
| 23.915 | 1.025 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 70.704 | 15.405 | 159.268 | 41902.117 | 51304.574 | 33.756 | 34.887 |
| 23.865 | 1.025 | 14.657 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 70.700 | 15.405 | 159.259 | 41818.559 | 51202.055 | 33.681 | 34.817 |
| 23.913 | 1.025 | 14.660 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 70.705 | 15.404 | 159.269 | 41849.410 | 51240.469 | 33.709 | 34.844 |
| 23.895 | 1.025 | 14.651 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 70.713 | 15.404 | 159.287 | 41865.891 | 51261.391 | 33.724 | 34.858 |
| 23.886 | 1.025 | 14.657 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 70.702 | 15.404 | 159.264 | 41843.180 | 51233.684 | 33.704 | 34.839 |
| 23.899 | 1.025 | 14.661 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 70.709 | 15.404 | 159.280 | 41881.844 | 51281.145 | 33.739 | 34.871 |
| 23.877 | 1.025 | 14.657 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 70.706 | 15.404 | 159.271 | 41842.156 | 51232.227 | 33.703 | 34.838 |
| 23.899 | 1.025 | 14.652 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 70.702 | 15.403 | 159.264 | 41847.402 | 51239.594 | 33.708 | 34.843 |
| 23.896 | 1.025 | 14.662 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 70.702 | 15.404 | 159.262 | 41855.199 | 51248.723 | 33.715 | 34.849 |
| 23.892 | 1.025 | 14.666 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 70.697 | 15.403 | 159.252 | 41883.648 | 51284.305 | 33.741 | 34.873 |
| 23.876 | 1.025 | 14.669 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 70.696 | 15.402 | 159.249 | 41808.938 | 51193.777 | 33.675 | 34.812 |
| 23.918 | 1.025 | 14.665 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 70.693 | 15.402 | 159.243 | 41880.723 | 51281.992 | 33.739 | 34.872 |
| 23.877 | 1.025 | 14.666 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 70.695 | 15.402 | 159.247 | 41848.254 | 51241.598 | 33.710 | 34.844 |
| 23.896 | 1.025 | 14.671 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 70.697 | 15.402 | 159.251 | 41848.492 | 51242.410 | 33.710 | 34.845 |
| 23.896 | 1.025 | 14.672 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 70.701 | 15.402 | 159.261 | 41827.199 | 51216.027 | 33.691 | 34.827 |
| 23.908 | 1.025 | 14.668 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 70.701 | 15.402 | 159.261 | 41834.945 | 51226.160 | 33.698 | 34.834 |
| 23.903 | 1.025 | 14.675 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 70.707 | 15.402 | 159.275 | 41815.801 | 51202.379 | 33.681 | 34.818 |
| 23.914 | 1.025 | 14.671 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 70.708 | 15.401 | 159.277 | 41852.309 | 51247.625 | 33.714 | 34.848 |
| 23.894 | 1.025 | 14.676 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 70.715 | 15.402 | 159.293 | 41851.109 | 51245.840 | 33.713 | 34.847 |
| 23.894 | 1.025 | 14.678 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 70.719 | 15.402 | 159.302 | 41851.129 | 51245.637 | 33.713 | 34.847 |
| 23.894 | 1.025 | 14.679 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 70.725 | 15.402 | 159.315 | 41809.344 | 51194.813 | 33.675 | 34.812 |
| 23.918 | 1.025 | 14.680 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 70.736 | 15.401 | 159.339 | 41863.375 | 51261.285 | 33.724 | 34.858 |
| 23.887 | 1.025 | 14.675 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 70.750 | 15.401 | 159.372 | 41830.582 | 51221.129 | 33.695 | 34.830 |
| 23.906 | 1.025 | 14.669 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 70.762 | 15.400 | 159.399 | 41835.898 | 51229.012 | 33.700 | 34.836 |
| 23.903 | 1.025 | 14.671 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 70.765 | 15.400 | 159.406 | 41828.551 | 51219.902 | 33.694 | 34.830 |
| 23.907 | 1.025 | 14.672 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 70.785 | 15.400 | 159.451 | 41872.980 | 51274.617 | 33.734 | 34.867 |
| 23.882 | 1.025 | 14.673 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 70.787 | 15.400 | 159.455 | 41833.719 | 51226.230 | 33.698 | 34.834 |
| 23.904 | 1.025 | 14.679 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 70.794 | 15.400 | 159.470 | 41854.484 | 51252.617 | 33.718 | 34.852 |
| 23.892 | 1.025 | 14.688 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 70.816 | 15.400 | 159.521 | 41834.691 | 51228.273 | 33.700 | 34.835 |
| 23.904 | 1.025 | 14.681 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 70.825 | 15.399 | 159.539 | 41840.574 | 51236.004 | 33.705 | 34.840 |
| 23.900 | 1.025 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 70.843 | 15.399 | 159.580 | 41854.617 | 51253.199 | 33.718 | 34.852 |
| 23.892 | 1.025 | 14.683 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 70.854 | 15.399 | 159.604 | 41830.793 | 51224.336 | 33.697 | 34.833 |
| 23.906 | 1.025 | 14.687 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 70.866 | 15.398 | 159.632 | 41860.523 | 51261.926 | 33.724 | 34.858 |
| 23.889 | 1.025 | 14.689 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 70.873 | 15.397 | 159.649 | 41852.297 | 51252.691 | 33.718 | 34.852 |
| 23.894 | 1.025 | 14.696 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 70.889 | 15.397 | 159.684 | 41809.352 | 51200.629 | 33.679 | 34.816 |
| 23.918 | 1.025 | 14.698 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 70.898 | 15.396 | 159.705 | 41841.941 | 51241.391 | 33.709 | 34.844 |
| 23.899 | 1.025 | 14.702 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 70.907 | 15.395 | 159.725 | 41875.965 | 51284.539 | 33.741 | 34.873 |
| 23.880 | 1.025 | 14.694 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 70.923 | 15.395 | 159.762 | 41815.203 | 51210.336 | 33.686 | 34.823 |
| 23.915 | 1.025 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 70.941 | 15.394 | 159.801 | 41854.535 | 51259.559 | 33.722 | 34.857 |
| 23.892 | 1.025 | 14.702 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 70.553 | 15.392 | 158.928 | 41834.336 | 51236.633 | 33.705 | 34.841 |
| 23.904 | 1.025 | 14.704 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 70.341 | 15.391 | 158.450 | 41854.184 | 51262.730 | 33.724 | 34.859 |
| 23.892 | 1.025 | 14.714 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 70.250 | 15.388 | 158.245 | 41801.273 | 51201.000 | 33.679 | 34.817 |
| 23.923 | 1.025 | 14.709 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 70.176 | 15.387 | 158.077 | 41829.438 | 51237.180 | 33.705 | 34.841 |
| 23.907 | 1.025 | 14.720 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 70.109 | 15.387 | 157.928 | 41825.555 | 51232.754 | 33.702 | 34.838 |
| 23.909 | 1.025 | 14.719 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 10:45:00 AM | 564300.000 | 70.052 | 15.387 | 157.800 | 41788.566 | 51187.344 | 33.669 | 34.807 |
| 23.930 | 1.025 | 14.726 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 70.008 | 15.385 | 157.700 | 41804.906 | 51208.949 | 33.684 | 34.822 |
| 23.921 | 1.025 | 14.724 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 69.964 | 15.385 | 157.601 | 41814.516 | 51220.492 | 33.693 | 34.830 |
| 23.915 | 1.025 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 69.923 | 15.385 | 157.507 | 41777.891 | 51176.059 | 33.660 | 34.800 |
| 23.936 | 1.025 | 14.722 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 69.881 | 15.385 | 157.413 | 41750.844 | 51143.465 | 33.636 | 34.778 |
| 23.952 | 1.025 | 14.721 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 69.840 | 15.383 | 157.320 | 41786.762 | 51189.363 | 33.670 | 34.809 |
| 23.931 | 1.025 | 14.719 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 69.798 | 15.383 | 157.226 | 41778.723 | 51179.094 | 33.662 | 34.802 |
| 23.936 | 1.025 | 14.714 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 69.762 | 15.383 | 157.145 | 41780.348 | 51181.285 | 33.664 | 34.803 |
| 23.935 | 1.025 | 14.712 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 69.729 | 15.383 | 157.072 | 41789.434 | 51192.215 | 33.672 | 34.811 |
| 23.929 | 1.025 | 14.708 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 69.694 | 15.383 | 156.991 | 41722.355 | 51111.098 | 33.612 | 34.756 |
| 23.968 | 1.025 | 14.707 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 69.652 | 15.384 | 156.897 | 41751.113 | 51144.945 | 33.637 | 34.779 |
| 23.951 | 1.025 | 14.708 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 69.609 | 15.383 | 156.802 | 41742.051 | 51134.254 | 33.629 | 34.771 |
| 23.957 | 1.025 | 14.704 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 69.574 | 15.384 | 156.723 | 41722.879 | 51110.457 | 33.612 | 34.755 |
| 23.968 | 1.025 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 69.541 | 15.383 | 156.647 | 41707.203 | 51091.566 | 33.598 | 34.742 |
| 23.977 | 1.025 | 14.703 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 69.514 | 15.384 | 156.586 | 41738.227 | 51128.520 | 33.625 | 34.767 |
| 23.959 | 1.025 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 69.467 | 15.384 | 156.482 | 41745.152 | 51137.434 | 33.632 | 34.773 |
| 23.955 | 1.025 | 14.706 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 69.443 | 15.384 | 156.426 | 41728.613 | 51116.855 | 33.617 | 34.759 |
| 23.964 | 1.025 | 14.702 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 69.418 | 15.385 | 156.370 | 41682.770 | 51059.648 | 33.575 | 34.721 |
| 23.991 | 1.025 | 14.706 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 69.381 | 15.385 | 156.286 | 41722.406 | 51108.629 | 33.611 | 34.754 |
| 23.968 | 1.025 | 14.708 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 69.357 | 15.387 | 156.233 | 41734.547 | 51121.176 | 33.620 | 34.762 |
| 23.961 | 1.025 | 14.705 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 69.326 | 15.386 | 156.164 | 41684.539 | 51061.176 | 33.576 | 34.722 |
| 23.990 | 1.025 | 14.703 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 69.309 | 15.386 | 156.125 | 41730.027 | 51115.949 | 33.616 | 34.759 |
| 23.964 | 1.025 | 14.700 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 69.287 | 15.387 | 156.075 | 41712.906 | 51093.707 | 33.600 | 34.744 |
| 23.973 | 1.025 | 14.703 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 69.269 | 15.387 | 156.035 | 41720.254 | 51103.031 | 33.607 | 34.750 |
| 23.969 | 1.025 | 14.702 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 69.247 | 15.388 | 155.986 | 41684.086 | 51058.090 | 33.574 | 34.720 |
| 23.990 | 1.025 | 14.710 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 69.225 | 15.389 | 155.935 | 41706.559 | 51084.027 | 33.593 | 34.737 |
| 23.977 | 1.025 | 14.709 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 69.218 | 15.390 | 155.921 | 41689.934 | 51062.609 | 33.577 | 34.723 |
| 23.987 | 1.025 | 14.707 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 69.207 | 15.390 | 155.896 | 41707.109 | 51084.074 | 33.593 | 34.737 |
| 23.977 | 1.025 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 69.184 | 15.390 | 155.845 | 41724.777 | 51105.285 | 33.609 | 34.752 |
| 23.967 | 1.025 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 69.192 | 15.391 | 155.862 | 41641.082 | 51001.836 | 33.533 | 34.681 |
| 24.015 | 1.025 | 14.704 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 69.166 | 15.389 | 155.804 | 41643.914 | 51006.980 | 33.536 | 34.685 |
| 24.013 | 1.025 | 14.708 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 69.163 | 15.392 | 155.797 | 41682.805 | 51051.980 | 33.570 | 34.715 |
| 23.991 | 1.025 | 14.703 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 69.158 | 15.391 | 155.784 | 41679.020 | 51047.992 | 33.567 | 34.713 |
| 23.993 | 1.025 | 14.706 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 69.167 | 15.392 | 155.806 | 41712.676 | 51088.250 | 33.596 | 34.740 |
| 23.974 | 1.025 | 14.705 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 69.147 | 15.392 | 155.761 | 41707.500 | 51082.008 | 33.592 | 34.736 |
| 23.977 | 1.025 | 14.708 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 69.163 | 15.392 | 155.796 | 41664.648 | 51029.219 | 33.553 | 34.700 |
| 24.001 | 1.025 | 14.703 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 69.149 | 15.393 | 155.765 | 41670.289 | 51034.438 | 33.557 | 34.703 |
| 23.998 | 1.025 | 14.704 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 69.157 | 15.393 | 155.784 | 41691.602 | 51060.969 | 33.576 | 34.721 |
| 23.986 | 1.025 | 14.706 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 69.146 | 15.393 | 155.758 | 41690.414 | 51059.297 | 33.575 | 34.720 |
| 23.986 | 1.025 | 14.705 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 69.160 | 15.393 | 155.790 | 41698.012 | 51069.129 | 33.582 | 34.727 |
| 23.982 | 1.025 | 14.699 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 69.156 | 15.394 | 155.780 | 41665.504 | 51027.949 | 33.552 | 34.699 |
| 24.001 | 1.025 | 14.700 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 69.158 | 15.393 | 155.785 | 41679.531 | 51046.707 | 33.566 | 34.712 |
| 23.993 | 1.025 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 69.167 | 15.393 | 155.805 | 41680.973 | 51048.262 | 33.567 | 34.713 |
| 23.992 | 1.025 | 14.692 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 69.154 | 15.392 | 155.776 | 41696.730 | 51068.816 | 33.582 | 34.727 |
| 23.983 | 1.025 | 14.691 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 69.153 | 15.393 | 155.774 | 41697.879 | 51068.438 | 33.582 | 34.727 |
| 23.982 | 1.025 | 14.697 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 69.156 | 15.393 | 155.780 | 41709.902 | 51082.953 | 33.593 | 34.736 |
| 23.975 | 1.025 | 14.692 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 69.151 | 15.392 | 155.768 | 41644.055 | 51003.355 | 33.534 | 34.682 |
| 24.013 | 1.025 | 14.691 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 69.151 | 15.392 | 155.770 | 41689.703 | 51060.328 | 33.576 | 34.721 |
| 23.987 | 1.025 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 69.144 | 15.393 | 155.754 | 41689.227 | 51058.477 | 33.574 | 34.720 |
| 23.987 | 1.025 | 14.689 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 69.144 | 15.393 | 155.755 | 41706.750 | 51079.941 | 33.590 | 34.734 |
| 23.977 | 1.025 | 14.681 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 69.134 | 15.392 | 155.730 | 41663.078 | 51026.887 | 33.551 | 34.698 |
| 24.002 | 1.025 | 14.685 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 69.122 | 15.392 | 155.705 | 41674.027 | 51040.813 | 33.561 | 34.708 |
| 23.996 | 1.025 | 14.688 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 69.116 | 15.393 | 155.690 | 41688.766 | 51057.805 | 33.574 | 34.719 |
| 23.987 | 1.025 | 14.686 | | | | | | |

Report Date: 1/16/2017 8:31:54 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-1S LT Test_2017-01-12_09-10-42-538.wsl
Create Date: 1/12/2017 9:10:16 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-1S
Device Name:
Serial Number: 421436
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 1

Log Configuration
Log Name: MPWSP MW-1S LT Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 10/27/2015 10:02:35 AM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 10/27/2015 10:45:00 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: -0.0405503 (ft)
Head Pressure: -0.0180016 (PSI)
Temperature: 22.3238 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

| Date and Time | Note |
| --- | --- |
| 10/27/2015 10:02:43 AM | Used Battery: 1% Used Memory: 3% User Name: nreynolds |
| 10/27/2015 11:43:58 AM | Log Download - Used Battery: 1% Used Memory: 3% User Name: nreynolds |
| 10/29/2015 2:42:47 PM | Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar |
| 11/5/2015 1:40:01 PM | Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar |
| Interval - Start Time: 10/27/2015 10:45:00 AM Stop Time: 11/5/2015 1:40:00 PM | |
| 11/12/2015 9:38:27 AM | Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw |
| 11/19/2015 2:51:59 PM | Log Download - Used Battery: 3% Used Memory: 4% User Name: KMakar |
| Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 2:50:00 PM | |
| 11/29/2015 9:11:53 AM | Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw |
| Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:00:00 AM | |
| 12/3/2015 10:41:36 AM | Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar |
| Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:30:00 AM | |
| 12/10/2015 8:55:03 AM | Log Download - Used Battery: 4% Used Memory: 7% User Name: CShaw |
| Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 8:45:00 AM | |
| 12/17/2015 11:08:11 AM | Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar |
| Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:00:00 AM | |
| 1/3/2016 9:58:57 AM | Log Download - Used Battery: 5% Used Memory: 10% User Name: CShaw |
| Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 10:45:00 AM | |
| 1/7/2016 10:10:38 AM | Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar |
| Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:00:00 AM | |
| 1/14/2016 8:23:59 AM | Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar |
| Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:15:00 AM | |
| 1/21/2016 11:41:44 AM | Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar |
| Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:30:00 AM | |
| 1/28/2016 1:45:04 PM | Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar |
| Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:30:00 PM | |
| 2/4/2016 9:17:52 AM | Log Download - Used Battery: 7% Used Memory: 14% User Name: CShaw |
| Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:15:00 AM | |
| 2/11/2016 9:09:41 AM | Log Download - Used Battery: 7% Used Memory: 14% User Name: CShaw |
| Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:00:00 AM | |
| 2/18/2016 8:57:42 AM | Log Download - Used Battery: 7% Used Memory: 15% User Name: CShaw |
| Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 9:45:00 AM | |
| 2/25/2016 11:53:54 AM | Log Download - Used Battery: 8% Used Memory: 17% User Name: KMakar |
| Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:45:00 AM | |
| 3/3/2016 8:50:41 AM | Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper |
| Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 9:00:00 AM | |
| 3/10/2016 8:32:37 AM | Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar |
| Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30:00 AM | |
| 3/17/2016 5:50:14 PM | Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper |
| Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:45:00 PM | |
| 3/24/2016 12:17:20 PM | Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar |
| Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15:00 PM | |
| 3/31/2016 10:58:28 AM | Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper |
| Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 11:45:00 AM | |
| 4/7/2016 12:00:10 PM | Log Download - Used Battery: 10% Used Memory: 21% User Name: KMakar |
| Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 12:00:00 PM | |
| 4/14/2016 1:21:07 PM | Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper |
| Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 2:15:00 PM | |
| 4/21/2016 10:34:29 AM | Log Download - Used Battery: 11% Used Memory: 23% User Name: ELinden |
| Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:30:00 AM | |
| 4/28/2016 11:02:06 AM | Log Download - Used Battery: 11% Used Memory: 23% User Name: KMakar |
| Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 11:00:00 AM | |

5/5/2016 12:37:13 PM Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper
Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 12:30:00 PM
5/12/2016 4:00:09 PM Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper
Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 4:45:00 PM
5/19/2016 4:34:29 PM Log Download - Used Battery: 12% Used Memory: 26% User Name: ELinden
Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 5:30:00 PM
5/26/2016 2:16:52 PM Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper
Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:15:00 PM
6/2/2016 2:25:53 PM Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper
Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:15:00 PM
6/9/2016 10:57:13 AM Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw
Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:45:00 AM
6/16/2016 5:37:24 PM Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper
Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 6:30:00 PM
6/23/2016 5:37:01 PM Log Download - Used Battery: 14% Used Memory: 29% User Name: SKuiper
Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 5:30:00 PM
6/30/2016 3:09:09 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper
Interval - Start Time: 6/22/2016 12:00:00 PM Stop Time: 6/30/2016 5:45:00 PM
6/30/2016 3:47:57 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper
Interval - Start Time: 6/29/2016 12:00:00 PM Stop Time: 6/30/2016 3:45:00 PM
7/1/2016 9:20:26 AM Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper
Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 9:15:00 AM
7/8/2016 9:19:17 AM Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper
Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 10:00:00 AM
7/14/2016 12:44:20 PM Log Download - Used Battery: 15% Used Memory: 32% User Name: ELinden
Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 1:30:00 PM
7/21/2016 1:52:40 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper
Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 1:45:00 PM
7/28/2016 2:44:42 PM Log Download - Used Battery: 16% Used Memory: 34% User Name: SKuiper
Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 3:30:00 PM
8/4/2016 12:08:13 PM Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper
Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 12:00:00 PM
8/11/2016 1:56:30 PM Log Download - Used Battery: 16% Used Memory: 35% User Name: ELinden
Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 2:45:00 PM
8/18/2016 11:17:02 AM Log Download - Used Battery: 17% Used Memory: 37% User Name: SKuiper
Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 12:00:00 PM
8/25/2016 4:34:43 PM Log Download - Used Battery: 17% Used Memory: 37% User Name: ELinden
Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:30:00 PM
9/1/2016 1:17:51 PM Log Download - Used Battery: 17% Used Memory: 39% User Name: skuiper
Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:15:00 PM
9/8/2016 11:31:16 AM Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper
Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 12:15:00 PM
9/15/2016 6:31:56 PM Log Download - Used Battery: 18% Used Memory: 40% User Name: ANorris
Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:30:00 PM
9/22/2016 3:44:50 PM Log Download - Used Battery: 19% Used Memory: 40% User Name: ANorris
Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:30:00 PM
10/2/2016 8:30:18 AM Log Download - Used Battery: 19% Used Memory: 42% User Name: ANorris
Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:15:00 AM
10/7/2016 6:21:22 PM Log Download - Used Battery: 19% Used Memory: 42% User Name: SKuiper
Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:15:00 PM
10/13/2016 1:26:25 PM Log Download - Used Battery: 20% Used Memory: 43% User Name: SKuiper
Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 1:15:00 PM
10/20/2016 12:17:54 PM Log Download - Used Battery: 20% Used Memory: 43% User Name: SKuiper
Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 12:15:00 PM
10/27/2016 9:50:30 AM Log Download - Used Battery: 20% Used Memory: 45% 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 9:19:50 AM Log Download - Used Battery: 21% Used Memory: 45% User Name: SKuiper

Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 10:15:00 AM
11/10/2016 10:45:56 AM Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper
Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM
11/17/2016 8:39:36 AM Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper
Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 8:30:00 AM
11/24/2016 4:03:34 PM Log Download - Used Battery: 22% Used Memory: 48% 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 12:21:33 PM Log Download - Used Battery: 22% Used Memory: 48% User Name: SKuiper
Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:15:00 PM
12/8/2016 12:37:22 PM Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper
Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 12:30:00 PM
12/15/2016 10:48:17 AM Log Download - Used Battery: 23% Used Memory: 51% User Name: SKuiper
Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 10:45:00 AM
12/22/2016 7:30:04 PM Log Download - Used Battery: 23% Used Memory: 51% User Name: ANorris
Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 8:15:00 PM
1/5/2017 3:40:50 PM Log Download - Used Battery: 24% Used Memory: 53% User Name: SKuiper
Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 3:30:00 PM

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Log Data:
Record Count: 716
Sensors: 1
1 - 421436: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

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
Sensor: PCTD(G) 231ft

| Date and Time | Elapsed Time Seconds | SN#: 421436 Pressure (PSI) | SN#: 421436 Temperature (C) | SN#: 421436 Depth (ft) | SN#: 421436 Actual Conductivity (µS/cm) | SN#: 421436 Specific Conductivity (µS/cm) | SN#: 421436 Salinity (PSU) | SN#: 421436 Total Dissolved Solids (ppm) | SN#: 421436 Resistivity (ohm-cm) | SN#: 421436 Water Density (g/cm3) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 22.869 | 14.262 | 51.516 | 40840.930 | 51378.766 | 33.715 | 34937.566 | 24.485 | 1.025 |
| 1/5/2017 12:15:00 AM | 8100.000 | 22.874 | 14.260 | 51.525 | 40828.730 | 51365.398 | 33.705 | 34928.473 | 24.493 | 1.025 |
| 1/5/2017 12:30:00 AM | 9000.000 | 22.869 | 14.257 | 51.516 | 40839.793 | 51383.047 | 33.718 | 34940.477 | 24.486 | 1.025 |
| 1/5/2017 12:45:00 AM | 9900.000 | 22.870 | 14.255 | 51.516 | 40821.469 | 51362.836 | | | | |

33.703 34926.730 24.497
1.025
1/5/2017 1:00:00 AM 10800.000 22.869 14.255
51.516 40826.750 51369.266
33.708 34931.102 24.494
1.025
1/5/2017 1:15:00 AM 11700.000 22.870 14.253
51.516 40808.988 51349.543
33.693 34917.695 24.504
1.025
1/5/2017 1:30:00 AM 12600.000 22.864 14.253
51.503 40791.004 51327.258
33.677 34902.539 24.515
1.025
1/5/2017 1:45:00 AM 13500.000 22.872 14.254
51.521 40822.215 51365.316
33.705 34928.418 24.496
1.025
1/5/2017 2:00:00 AM 14400.000 22.871 14.256
51.520 40817.270 51356.355
33.698 34922.320 24.499
1.025
1/5/2017 2:15:00 AM 15300.000 22.870 14.256
51.517 40856.387 51405.348
33.734 34955.641 24.476
1.025
1/5/2017 2:30:00 AM 16200.000 22.873 14.257
51.524 40804.563 51338.930
33.686 34910.473 24.507
1.025
1/5/2017 2:45:00 AM 17100.000 22.874 14.258
51.527 40807.797 51341.781
33.688 34912.410 24.505
1.025
1/5/2017 3:00:00 AM 18000.000 22.874 14.257
51.527 40816.617 51353.988
33.697 34920.711 24.500
1.025
1/5/2017 3:15:00 AM 18900.000 22.872 14.257
51.521 40794.629 51326.891
33.677 34902.285 24.513
1.025
1/5/2017 3:30:00 AM 19800.000 22.873 14.258
51.524 40823.582 51361.445
33.702 34925.781 24.496
1.025
1/5/2017 3:45:00 AM 20700.000 22.880 14.258
51.540 40831.641 51371.148
33.709 34932.383 24.491
1.025
1/5/2017 4:00:00 AM 21600.000 22.878 14.258
51.536 40839.914 51381.992
33.717 34939.754 24.486
1.025
1/5/2017 4:15:00 AM 22500.000 22.884 14.258
51.548 40816.172 51351.688
33.695 34919.152 24.500

1.025
1/5/2017 4:30:00 AM 23400.000 22.885 14.260
51.552 40835.902 51374.422
33.712 34934.609 24.488
1.025
1/5/2017 4:45:00 AM 24300.000 22.885 14.260
51.550 40845.352 51386.203
33.721 34942.621 24.483
1.025
1/5/2017 5:00:00 AM 25200.000 22.883 14.261
51.547 40822.785 51356.809
33.699 34922.629 24.496
1.025
1/5/2017 5:15:00 AM 26100.000 22.890 14.261
51.563 40849.629 51390.918
33.724 34945.828 24.480
1.025
1/5/2017 5:30:00 AM 27000.000 22.891 14.262
51.565 40832.988 51369.004
33.708 34930.922 24.490
1.025
1/5/2017 5:45:00 AM 27900.000 22.893 14.262
51.569 40832.586 51368.270
33.708 34930.422 24.490
1.025
1/5/2017 6:00:00 AM 28800.000 22.893 14.262
51.569 40823.328 51356.191
33.699 34922.211 24.496
1.025
1/5/2017 6:15:00 AM 29700.000 22.896 14.263
51.575 40877.516 51423.691
33.748 34968.109 24.463
1.025
1/5/2017 6:30:00 AM 30600.000 22.896 14.262
51.576 40827.000 51360.367
33.702 34925.051 24.494
1.025
1/5/2017 6:45:00 AM 31500.000 22.899 14.261
51.582 40807.801 51338.398
33.686 34910.109 24.505
1.025
1/5/2017 7:00:00 AM 32400.000 22.896 14.259
51.576 40825.461 51362.387
33.703 34926.422 24.495
1.025
1/5/2017 7:15:00 AM 33300.000 22.893 14.261
51.568 40823.129 51357.352
33.700 34923.000 24.496
1.025
1/5/2017 7:30:00 AM 34200.000 22.894 14.260
51.571 40811.777 51344.398
33.690 34914.191 24.503
1.025
1/5/2017 7:45:00 AM 35100.000 22.893 14.261
51.569 40835.738 51373.547
33.711 34934.012 24.488
1.025

1/5/2017 8:00:00 AM 36000.000 22.894 14.259
51.571 40835.797 51375.926
33.713 34935.629 24.488
1.025
1/5/2017 8:15:00 AM 36900.000 22.893 14.259
51.569 40815.434 51350.309
33.694 34918.211 24.501
1.025
1/5/2017 8:30:00 AM 37800.000 22.889 14.257
51.559 40844.105 51388.246
33.722 34944.008 24.483
1.025
1/5/2017 8:45:00 AM 38700.000 22.890 14.258
51.562 40795.957 51326.453
33.677 34901.988 24.512
1.025
1/5/2017 9:00:00 AM 39600.000 22.886 14.258
51.553 40796.270 51326.848
33.677 34902.262 24.512
1.025
1/5/2017 9:15:00 AM 40500.000 22.886 14.258
51.554 40828.520 51368.199
33.707 34930.379 24.493
1.025
1/5/2017 9:30:00 AM 41400.000 22.882 14.256
51.543 40848.605 51394.996
33.727 34948.602 24.481
1.025
1/5/2017 9:45:00 AM 42300.000 22.874 14.257
51.525 40826.398 51366.750
33.706 34929.395 24.494
1.025
1/5/2017 10:00:00 AM 43200.000 22.876 14.256
51.531 40815.883 51354.496
33.697 34921.059 24.500
1.025
1/5/2017 10:15:00 AM 44100.000 22.877 14.254
51.532 40807.773 51346.254
33.691 34915.453 24.505
1.025
1/5/2017 10:30:00 AM 45000.000 22.870 14.254
51.517 40800.109 51337.391
33.684 34909.426 24.510
1.025
1/5/2017 10:45:00 AM 45900.000 22.873 14.253
51.524 40819.441 51362.930
33.703 34926.797 24.498
1.025
1/5/2017 11:00:00 AM 46800.000 22.865 14.252
51.507 40806.746 51347.152
33.691 34916.066 24.506
1.025
1/5/2017 11:15:00 AM 47700.000 22.866 14.253
51.508 40841.332 51390.125
33.723 34945.285 24.485
1.025
1/5/2017 11:30:00 AM 48600.000 22.860 14.252

| | | | |
|---|---|---|---|
| 51.494 | 40838.207 | 51387.840 | |
| 33.721 | 34943.734 | 24.487 | |
| 1.025 | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 22.860 | 14.252 |
| 51.494 | 40805.211 | 51346.320 | |
| 33.691 | 34915.500 | 24.507 | |
| 1.025 | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 22.857 | 14.250 |
| 51.488 | 40843.359 | 51395.977 | |
| 33.727 | 34949.270 | 24.484 | |
| 1.025 | | | |
| 1/5/2017 12:15:00 PM | 51300.000 | 22.861 | 14.251 |
| 51.497 | 40854.996 | 51409.977 | |
| 33.737 | 34958.785 | 24.477 | |
| 1.025 | | | |
| 1/5/2017 12:30:00 PM | 52200.000 | 22.852 | 14.251 |
| 51.477 | 40815.762 | 51359.824 | |
| 33.700 | 34924.684 | 24.500 | |
| 1.025 | | | |
| 1/5/2017 12:45:00 PM | 53100.000 | 22.852 | 14.252 |
| 51.477 | 40819.531 | 51363.695 | |
| 33.703 | 34927.316 | 24.498 | |
| 1.025 | | | |
| 1/5/2017 1:00:00 PM | 54000.000 | 22.852 | 14.254 |
| 51.475 | 40810.414 | 51350.242 | |
| 33.694 | 34918.168 | 24.504 | |
| 1.025 | | | |
| 1/5/2017 1:15:00 PM | 54900.000 | 22.853 | 14.256 |
| 51.478 | 40807.473 | 51343.914 | |
| 33.689 | 34913.863 | 24.505 | |
| 1.025 | | | |
| 1/5/2017 1:30:00 PM | 55800.000 | 22.852 | 14.258 |
| 51.476 | 40831.133 | 51371.598 | |
| 33.710 | 34932.691 | 24.491 | |
| 1.025 | | | |
| 1/5/2017 1:45:00 PM | 56700.000 | 22.853 | 14.257 |
| 51.479 | 40829.297 | 51369.840 | |
| 33.708 | 34931.496 | 24.492 | |
| 1.025 | | | |
| 1/5/2017 2:00:00 PM | 57600.000 | 22.850 | 14.256 |
| 51.472 | 40831.898 | 51373.977 | |
| 33.711 | 34934.309 | 24.491 | |
| 1.025 | | | |
| 1/5/2017 2:15:00 PM | 58500.000 | 22.850 | 14.256 |
| 51.472 | 40820.129 | 51359.727 | |
| 33.701 | 34924.613 | 24.498 | |
| 1.025 | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 22.847 | 14.256 |
| 51.465 | 40789.977 | 51321.355 | |
| 33.673 | 34898.523 | 24.516 | |
| 1.025 | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 22.846 | 14.257 |
| 51.462 | 40849.078 | 51394.500 | |
| 33.726 | 34948.266 | 24.480 | |
| 1.025 | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 22.845 | 14.258 |
| 51.461 | 40808.957 | 51342.707 | |

| | | | |
|---|---|---|---|
| 33.689 | 34913.043 | 24.504 | |
| 1.025 | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 22.847 | 14.257 |
| 51.464 | 40822.254 | 51360.641 | |
| 33.702 | 34925.234 | 24.496 | |
| 1.025 | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 22.844 | 14.258 |
| 51.458 | 40811.832 | 51346.324 | |
| 33.691 | 34915.500 | 24.503 | |
| 1.025 | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 22.844 | 14.258 |
| 51.459 | 40820.289 | 51356.867 | |
| 33.699 | 34922.672 | 24.498 | |
| 1.025 | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 22.844 | 14.259 |
| 51.459 | 40837.621 | 51378.551 | |
| 33.715 | 34937.418 | 24.487 | |
| 1.025 | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 22.839 | 14.258 |
| 51.446 | 40848.504 | 51393.121 | |
| 33.725 | 34947.328 | 24.481 | |
| 1.025 | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 22.847 | 14.257 |
| 51.465 | 40838.824 | 51381.602 | |
| 33.717 | 34939.492 | 24.487 | |
| 1.025 | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 22.844 | 14.257 |
| 51.459 | 40839.605 | 51382.367 | |
| 33.718 | 34940.016 | 24.486 | |
| 1.025 | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 22.839 | 14.257 |
| 51.446 | 40848.855 | 51394.109 | |
| 33.726 | 34948.000 | 24.480 | |
| 1.025 | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 22.839 | 14.257 |
| 51.446 | 40831.246 | 51372.066 | |
| 33.710 | 34933.008 | 24.491 | |
| 1.025 | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 22.835 | 14.259 |
| 51.439 | 40806.602 | 51339.410 | |
| 33.686 | 34910.801 | 24.506 | |
| 1.025 | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 22.836 | 14.260 |
| 51.440 | 40836.695 | 51376.066 | |
| 33.713 | 34935.730 | 24.488 | |
| 1.025 | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 22.834 | 14.262 |
| 51.435 | 40817.742 | 51349.598 | |
| 33.694 | 34917.727 | 24.499 | |
| 1.025 | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 22.833 | 14.264 |
| 51.434 | 40832.465 | 51365.152 | |
| 33.705 | 34928.305 | 24.490 | |
| 1.025 | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 22.829 | 14.265 |
| 51.425 | 40850.566 | 51386.945 | |
| 33.722 | 34943.125 | 24.479 | |

1.025
1/5/2017 6:45:00 PM 74700.000 22.823 14.264
51.410 40820.816 51351.035
33.695 34918.703 24.497
1.025
1/5/2017 7:00:00 PM 75600.000 22.827 14.263
51.420 40841.227 51377.059
33.714 34936.402 24.485
1.025
1/5/2017 7:15:00 PM 76500.000 22.834 14.264
51.435 40839.070 51373.020
33.711 34933.656 24.486
1.025
1/5/2017 7:30:00 PM 77400.000 22.823 14.263
51.411 40841.574 51377.707
33.715 34936.840 24.485
1.025
1/5/2017 7:45:00 PM 78300.000 22.818 14.262
51.400 40839.266 51376.465
33.714 34935.996 24.486
1.025
1/5/2017 8:00:00 PM 79200.000 22.817 14.260
51.396 40844.664 51385.539
33.720 34942.168 24.483
1.025
1/5/2017 8:15:00 PM 80100.000 22.816 14.259
51.396 40826.676 51364.016
33.704 34927.531 24.494
1.025
1/5/2017 8:30:00 PM 81000.000 22.812 14.258
51.386 40847.148 51391.414
33.724 34946.164 24.482
1.025
1/5/2017 8:45:00 PM 81900.000 22.811 14.258
51.385 40804.461 51337.492
33.685 34909.496 24.507
1.025
1/5/2017 9:00:00 PM 82800.000 22.811 14.257
51.385 40810.098 51345.457
33.690 34914.914 24.504
1.025
1/5/2017 9:15:00 PM 83700.000 22.801 14.257
51.361 40848.340 51393.574
33.726 34947.633 24.481
1.025
1/5/2017 9:30:00 PM 84600.000 22.798 14.256
51.354 40835.184 51378.559
33.715 34937.422 24.489
1.025
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33.707 34930.656 24.493
1.025

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| 33.693 | 34916.730 | 24.498 | |
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| 33.711 | 34933.406 | 24.486 | |
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| 51.399 | 40834.945 | 51369.590 | |
| 33.709 | 34931.320 | 24.489 | |
| 1.025 | | | |
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| 33.721 | 34942.867 | 24.481 | |
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| 33.679 | 34903.969 | 24.508 | |
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| 33.681 | 34905.398 | 24.507 | |
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| 1/6/2017 7:45:00 AM | 121500.000 | 22.813 | 14.263 |
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| 33.700 | 34922.879 | 24.495 | |
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| 1/6/2017 8:00:00 AM | 122400.000 | 22.817 | 14.263 |
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| 33.722 | 34943.582 | 24.480 | |
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| 33.718 | 34939.645 | 24.483 | |
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| 51.400 | 40875.609 | 51415.477 | |
| 33.743 | 34962.523 | 24.464 | |
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| 1/6/2017 8:45:00 AM | 125100.000 | 22.819 | 14.269 |
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| 33.710 | 34932.363 | 24.485 | |

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24.493 1.025

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33.702 34925.535 24.498
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33.705 34928.844 24.496
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51.306 40837.090 51384.902
33.719 34941.734 24.488
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33.698 34922.598 24.502
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33.686 34910.762 24.510
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1/6/2017 3:45:00 PM 150300.000 22.763 14.259
51.277 40841.430 51383.230
33.718 34940.598 24.485
1.025
1/6/2017 4:00:00 PM 151200.000 22.763 14.258

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| 33.715 | 34938.078 | 24.487 | |
| 1.025 | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 22.770 | 14.259 |
| 51.292 | 40828.656 | 51367.047 | |
| 33.706 | 34929.598 | 24.493 | |
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| 1/6/2017 4:30:00 PM | 153000.000 | 22.763 | 14.260 |
| 51.276 | 40871.285 | 51419.266 | |
| 33.745 | 34965.102 | 24.467 | |
| 1.025 | | | |
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| 51.277 | 40808.156 | 51340.500 | |
| 33.687 | 34911.539 | 24.505 | |
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| 51.279 | 40805.840 | 51336.375 | |
| 33.684 | 34908.738 | 24.506 | |
| 1.025 | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 22.768 | 14.262 |
| 51.287 | 40854.016 | 51394.797 | |
| 33.727 | 34948.465 | 24.477 | |
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| 51.274 | 40837.719 | 51375.059 | |
| 33.713 | 34935.039 | 24.487 | |
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| 1/6/2017 5:45:00 PM | 157500.000 | 22.766 | 14.261 |
| 51.283 | 40835.594 | 51372.387 | |
| 33.711 | 34933.223 | 24.488 | |
| 1.025 | | | |
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| 51.285 | 40844.859 | 51384.688 | |
| 33.720 | 34941.590 | 24.483 | |
| 1.025 | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 22.763 | 14.261 |
| 51.276 | 40802.523 | 51330.781 | |
| 33.680 | 34904.930 | 24.508 | |
| 1.025 | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 22.766 | 14.261 |
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| 33.692 | 34915.680 | 24.501 | |
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| 1/6/2017 6:45:00 PM | 161100.000 | 22.763 | 14.262 |
| 51.275 | 40845.953 | 51384.977 | |
| 33.720 | 34941.789 | 24.482 | |
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| 1.025 | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 22.766 | 14.261 |
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| 33.705 | 34927.625 | 24.492 | |
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24.495 1.025
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24.489 1.025
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24.488 1.025
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14.266 51.214 40826.121
51354.648 33.698 34921.160
24.494 1.025
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51371.332 33.710 34932.512
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14.264 51.214 40853.809
51392.219 33.725 34946.711
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1.025

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1/7/2017 5:30:00 AM 199800.000 22.787 14.267
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51.355 40845.918 51378.570
33.716 34937.430 24.482
1.025
1/7/2017 6:15:00 AM 202500.000 22.805 14.268

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| 33.730 | 34951.137 | 24.473 | |
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| 51.397 | 40861.773 | 51399.387 | |
| 33.731 | 34951.582 | 24.473 | |
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| 1/7/2017 7:15:00 AM | 206100.000 | 22.819 | 14.265 |
| 51.402 | 40860.340 | 51398.797 | |
| 33.730 | 34951.188 | 24.474 | |
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| 1/7/2017 7:30:00 AM | 207000.000 | 22.819 | 14.265 |
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| 33.715 | 34937.234 | 24.484 | |
| 1.025 | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 22.831 | 14.264 |
| 51.430 | 40800.961 | 51326.059 | |
| 33.677 | 34901.723 | 24.509 | |
| 1.025 | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 22.841 | 14.267 |
| 51.450 | 40820.742 | 51346.789 | |
| 33.692 | 34915.816 | 24.497 | |
| 1.025 | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 22.833 | 14.266 |
| 51.434 | 40840.551 | 51373.344 | |
| 33.712 | 34933.875 | 24.485 | |
| 1.025 | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 22.840 | 14.267 |
| 51.448 | 40839.227 | 51369.930 | |
| 33.709 | 34931.555 | 24.486 | |
| 1.025 | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 22.833 | 14.267 |
| 51.434 | 40801.988 | 51323.313 | |
| 33.675 | 34899.852 | 24.509 | |
| 1.025 | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 22.839 | 14.269 |
| 51.446 | 40840.813 | 51369.297 | |
| 33.709 | 34931.121 | 24.485 | |
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| 1/7/2017 9:30:00 AM | 214200.000 | 22.842 | 14.270 |
| 51.453 | 40854.012 | 51385.563 | |
| 33.721 | 34942.184 | 24.477 | |
| 1.025 | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 22.841 | 14.273 |
| 51.452 | 40826.512 | 51346.172 | |

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24.465 1.025
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24.489 1.025
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33.726 34947.598 24.479
1.025
1/8/2017 9:15:00 PM 342900.000 22.803 14.265
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33.700 34922.895 24.494
1.025

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1.025
1/8/2017 10:00:00 PM 345600.000 22.804
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1/8/2017 10:30:00 PM 347400.000 22.808
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24.496 1.025
1/8/2017 10:45:00 PM 348300.000 22.807
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51364.832 33.705 34928.090
24.490 1.025
1/8/2017 11:00:00 PM 349200.000 22.803
14.265 51.366 40832.605
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24.490 1.025
1/8/2017 11:15:00 PM 350100.000 22.807
14.265 51.374 40793.117
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24.514 1.025
1/8/2017 11:30:00 PM 351000.000 22.808
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24.489 1.025
1/8/2017 11:45:00 PM 351900.000 22.803
14.268 51.366 40797.965
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24.511 1.025
1/9/2017 12:00:00 AM 352800.000 22.799
14.270 51.358 40814.852
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1/9/2017 12:15:00 AM 353700.000 22.807
14.265 51.375 40845.809
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24.505 1.025
1/9/2017 12:45:00 AM 355500.000 22.804
14.263 51.368 40847.652
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24.481 1.025
1/9/2017 1:00:00 AM 356400.000 22.802 14.266

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| 51.364 | 40836.750 | 51368.133 | |
| 33.708 | 34930.332 | 24.488 | |
| 1.025 | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 22.803 | 14.267 |
| 51.366 | 40836.570 | 51366.590 | |
| 33.707 | 34929.281 | 24.488 | |
| 1.025 | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 22.799 | 14.263 |
| 51.358 | 40823.352 | 51355.441 | |
| 33.698 | 34921.699 | 24.496 | |
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| 1/9/2017 1:45:00 AM | 359100.000 | 22.801 | 14.261 |
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| 33.711 | 34933.488 | 24.489 | |
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| 1/9/2017 2:00:00 AM | 360000.000 | 22.797 | 14.261 |
| 51.352 | 40821.832 | 51355.836 | |
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| 1.025 | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 22.797 | 14.258 |
| 51.353 | 40825.297 | 51363.707 | |
| 33.704 | 34927.324 | 24.495 | |
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| 33.715 | 34937.418 | 24.488 | |
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| 51.344 | 40818.336 | 51355.496 | |
| 33.698 | 34921.742 | 24.499 | |
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| 1/9/2017 3:00:00 AM | 363600.000 | 22.794 | 14.257 |
| 51.345 | 40807.633 | 51342.793 | |
| 33.688 | 34913.102 | 24.505 | |
| 1.025 | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 22.797 | 14.256 |
| 51.353 | 40838.754 | 51383.391 | |
| 33.718 | 34940.707 | 24.487 | |
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| 1/9/2017 3:30:00 AM | 365400.000 | 22.798 | 14.261 |
| 51.354 | 40847.395 | 51387.766 | |
| 33.722 | 34943.680 | 24.481 | |
| 1.025 | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 22.807 | 14.264 |
| 51.376 | 40812.523 | 51340.406 | |
| 33.687 | 34911.480 | 24.502 | |
| 1.025 | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 22.803 | 14.268 |
| 51.366 | 40837.402 | 51367.082 | |
| 33.707 | 34929.617 | 24.487 | |
| 1.025 | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 22.810 | 14.270 |
| 51.382 | 40855.305 | 51386.535 | |
| 33.722 | 34942.844 | 24.477 | |
| 1.025 | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 22.814 | 14.270 |
| 51.391 | 40832.809 | 51358.563 | |

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| 33.701 | 34923.824 | 24.490 | |
| 1.025 | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 22.817 | 14.269 |
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| 33.705 | 34927.063 | 24.488 | |
| 1.025 | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 22.827 | 14.269 |
| 51.421 | 40849.574 | 51380.078 | |
| 33.717 | 34938.453 | 24.480 | |
| 1.025 | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 22.834 | 14.271 |
| 51.435 | 40811.719 | 51331.059 | |
| 33.681 | 34905.121 | 24.503 | |
| 1.025 | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 22.839 | 14.272 |
| 51.446 | 40842.781 | 51369.023 | |
| 33.709 | 34930.938 | 24.484 | |
| 1.025 | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 22.844 | 14.272 |
| 51.459 | 40836.902 | 51361.199 | |
| 33.703 | 34925.617 | 24.488 | |
| 1.025 | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 22.854 | 14.271 |
| 51.481 | 40823.477 | 51345.082 | |
| 33.691 | 34914.656 | 24.496 | |
| 1.025 | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 22.857 | 14.273 |
| 51.487 | 40883.262 | 51418.410 | |
| 33.745 | 34964.520 | 24.460 | |
| 1.025 | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 22.862 | 14.272 |
| 51.498 | 40812.504 | 51329.738 | |
| 33.680 | 34904.223 | 24.502 | |
| 1.025 | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 22.872 | 14.275 |
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| 33.715 | 34936.559 | 24.478 | |
| 1.025 | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 22.883 | 14.274 |
| 51.545 | 40830.816 | 51351.234 | |
| 33.696 | 34918.844 | 24.491 | |
| 1.025 | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 22.883 | 14.271 |
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| 33.704 | 34926.238 | 24.488 | |
| 1.025 | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 22.889 | 14.269 |
| 51.559 | 40840.910 | 51369.637 | |
| 33.709 | 34931.355 | 24.485 | |
| 1.025 | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 22.903 | 14.268 |
| 51.592 | 40844.949 | 51376.488 | |
| 33.714 | 34936.012 | 24.483 | |
| 1.025 | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 22.906 | 14.269 |
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| 33.721 | 34941.844 | 24.478 | |

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1/9/2017 8:15:00 AM 382500.000 22.909 14.269
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33.712 34934.188 24.483
1.025
1/9/2017 8:30:00 AM 383400.000 22.915 14.277
51.618 40841.902 51360.578
33.703 34925.199 24.485
1.025
1/9/2017 8:45:00 AM 384300.000 22.920 14.279
51.629 40845.676 51363.891
33.706 34927.449 24.482
1.025
1/9/2017 9:00:00 AM 385200.000 22.923 14.279
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33.715 34935.922 24.476
1.025
1/9/2017 9:15:00 AM 386100.000 22.926 14.280
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33.692 34914.738 24.491
1.025
1/9/2017 9:30:00 AM 387000.000 22.929 14.292
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33.697 34917.945 24.481
1.025
1/9/2017 9:45:00 AM 387900.000 22.934 14.301
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1/9/2017 10:00:00 AM 388800.000 22.932
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24.481 1.025
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24.469 1.025
1/9/2017 10:45:00 AM 391500.000 22.940
14.308 51.675 40860.680
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24.473 1.025
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24.466 1.025
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14.306 51.690 40888.293
51383.813 33.723 34940.996
24.457 1.025
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14.305 51.694 40896.023
51395.070 33.731 34948.648
24.452 1.025

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14.302 51.697 40855.160
51347.109 33.696 34916.039
24.477 1.025
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24.441 1.025
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24.438 1.025
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51417.418 33.748 34963.844
24.434 1.025
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51.686 40906.074 51369.027
33.715 34930.938 24.446
1.025
1/9/2017 1:15:00 PM 400500.000 22.946 14.332
51.688 40915.820 51386.406
33.727 34942.762 24.440
1.025
1/9/2017 1:30:00 PM 401400.000 22.941 14.323
51.676 40912.227 51392.199
33.731 34946.695 24.443
1.025
1/9/2017 1:45:00 PM 402300.000 22.926 14.318
51.642 40924.215 51413.934
33.746 34961.480 24.435
1.025
1/9/2017 2:00:00 PM 403200.000 22.934 14.338
51.662 40972.371 51450.203
33.774 34986.137 24.407
1.025
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33.764 34976.941 24.416
1.025
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51.627 40969.168 51457.801
33.779 34991.305 24.409
1.025
1/9/2017 2:45:00 PM 405900.000 22.922 14.323
51.635 40965.605 51460.020
33.780 34992.813 24.411
1.025
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33.778 34990.813 24.415
1.025
1/9/2017 3:15:00 PM 407700.000 22.906 14.310

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| 33.758 | 34973.621 | 24.432 | |
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| 1/9/2017 3:30:00 PM | 408600.000 | 22.901 | 14.296 |
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| 33.772 | 34987.223 | 24.431 | |
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| 1/9/2017 3:45:00 PM | 409500.000 | 22.893 | 14.290 |
| 51.569 | 40892.137 | 51408.395 | |
| 33.739 | 34957.711 | 24.455 | |
| 1.025 | | | |
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| 51.569 | 40928.484 | 51457.707 | |
| 33.775 | 34991.246 | 24.433 | |
| 1.025 | | | |
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| 51.547 | 40914.754 | 51444.055 | |
| 33.765 | 34981.961 | 24.441 | |
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| 33.756 | 34974.086 | 24.450 | |
| 1.025 | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 22.884 | 14.277 |
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| 33.728 | 34948.484 | 24.469 | |
| 1.025 | | | |
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| 33.763 | 34980.289 | 24.446 | |
| 1.025 | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 22.873 | 14.260 |
| 51.523 | 40890.617 | 51443.473 | |
| 33.763 | 34981.563 | 24.455 | |
| 1.025 | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 22.865 | 14.254 |
| 51.507 | 40866.047 | 51419.375 | |
| 33.744 | 34965.176 | 24.470 | |
| 1.025 | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 22.870 | 14.252 |
| 51.516 | 40804.684 | 51345.656 | |
| 33.690 | 34915.047 | 24.507 | |
| 1.025 | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 22.862 | 14.252 |
| 51.498 | 40815.242 | 51358.738 | |
| 33.700 | 34923.941 | 24.501 | |
| 1.025 | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 22.858 | 14.252 |
| 51.491 | 40846.594 | 51397.848 | |
| 33.728 | 34950.539 | 24.482 | |
| 1.025 | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 22.858 | 14.252 |
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| 33.733 | 34954.973 | 24.479 | |
| 1.025 | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 22.857 | 14.253 |
| 51.487 | 40840.871 | 51390.008 | |

33.723 34945.211 24.485
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1/9/2017 7:00:00 PM 421200.000 22.853 14.254
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33.719 34941.379 24.487
1.025
1/9/2017 7:15:00 PM 422100.000 22.858 14.252
51.489 40826.699 51372.383
33.710 34933.219 24.494
1.025
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51.482 40830.336 51375.207
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51.463 40808.777 51346.648
33.691 34915.727 24.505
1.025
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33.730 34951.441 24.479
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33.708 34931.105 24.494
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1.025
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33.682 34906.613 24.509
1.025
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51.455 40846.840 51389.168
33.723 34944.633 24.482
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33.749 34968.938 24.465
1.025
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51.458 40794.758 51325.375
33.676 34901.258 24.513
1.025
1/9/2017 10:00:00 PM 432000.000 22.844
14.259 51.458 40822.992
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24.496 1.025
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14.262 51.458 40831.164
51366.598 33.706 34929.285

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| 24.491 | | 1.025 | | |
| 1/9/2017 10:30:00 PM | 433800.000 | | 22.842 | |
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| 51317.828 | | 33.671 | | 34896.125 |
| 24.513 | | 1.025 | | |
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| 51407.453 | | 33.737 | | 34957.074 |
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| 51395.430 | | 33.728 | | 34948.891 |
| 24.473 | | 1.025 | | |
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| 14.270 | | 51.452 | 40832.594 | |
| 51358.082 | | 33.701 | | 34923.496 |
| 24.490 | | 1.025 | | |
| 1/10/2017 12:00:00 AM | 439200.000 | | 22.844 | |
| 14.273 | | 51.458 | 40837.660 | |
| 51361.059 | | 33.703 | | 34925.523 |
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| 1/10/2017 12:15:00 AM | 440100.000 | | 22.844 | |
| 14.272 | | 51.458 | 40830.656 | |
| 51352.797 | | 33.697 | | 34919.902 |
| 24.491 | | 1.025 | | |
| 1/10/2017 12:30:00 AM | 441000.000 | | 22.841 | |
| 14.272 | | 51.452 | 40832.602 | |
| 51356.004 | | 33.699 | | 34922.086 |
| 24.490 | | 1.025 | | |
| 1/10/2017 12:45:00 AM | 441900.000 | | 22.847 | |
| 14.274 | | 51.465 | 40857.414 | |
| 51384.688 | | 33.721 | | 34941.590 |
| 24.475 | | 1.025 | | |
| 1/10/2017 1:00:00 AM | 442800.000 | | 22.841 | |
| 14.273 | | 51.452 | 40866.449 | |
| 51396.813 | | 33.729 | | 34949.832 |
| 24.470 | | 1.025 | | |
| 1/10/2017 1:15:00 AM | 443700.000 | | 22.842 | |
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| 51368.715 | | 33.709 | | 34930.730 |
| 24.484 | | 1.025 | | |
| 1/10/2017 1:30:00 AM | 444600.000 | | 22.841 | |
| 14.271 | | 51.450 | 40832.391 | |
| 51356.387 | | 33.700 | | 34922.344 |
| 24.490 | | 1.025 | | |
| 1/10/2017 1:45:00 AM | 445500.000 | | 22.840 | |
| 14.268 | | 51.450 | 40832.414 | |
| 51360.258 | | 33.702 | | 34924.977 |
| 24.490 | | 1.025 | | |

1/10/2017 2:00:00 AM 446400.000 22.841
14.266 51.452 40839.852
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24.486 1.025
1/10/2017 2:15:00 AM 447300.000 22.841
14.265 51.452 40817.891
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24.499 1.025
1/10/2017 2:30:00 AM 448200.000 22.838
14.267 51.444 40844.367
51376.395 33.714 34935.953
24.483 1.025
1/10/2017 2:45:00 AM 449100.000 22.839
14.270 51.446 40845.902
51375.031 33.713 34935.023
24.482 1.025
1/10/2017 3:00:00 AM 450000.000 22.834
14.266 51.436 40831.594
51361.859 33.703 34926.066
24.491 1.025
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14.262 51.441 40800.449
51327.957 33.678 34903.016
24.510 1.025
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14.261 51.443 40814.953
51346.520 33.692 34915.633
24.501 1.025
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51393.039 33.726 34947.266
24.477 1.025
1/10/2017 4:00:00 AM 453600.000 22.844
14.265 51.458 40812.254
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24.502 1.025
1/10/2017 4:15:00 AM 454500.000 22.846
14.264 51.463 40847.492
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24.481 1.025
1/10/2017 4:30:00 AM 455400.000 22.850
14.264 51.472 40851.922
51389.730 33.723 34945.020
24.479 1.025
1/10/2017 4:45:00 AM 456300.000 22.853
14.263 51.478 40848.785
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24.481 1.025
1/10/2017 5:00:00 AM 457200.000 22.858
14.260 51.490 40813.223
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24.502 1.025
1/10/2017 5:15:00 AM 458100.000 22.866
14.258 51.508 40843.973
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24.483 1.025
1/10/2017 5:30:00 AM 459000.000 22.870

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| 51413.793 | 33.741 | 34961.379 |
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| 1/10/2017 6:00:00 AM | 460800.000 | 22.885 |
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| 51347.863 | 33.693 | 34916.551 |
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| 51364.598 | 33.706 | 34927.930 |
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| 51336.102 | 33.685 | 34908.555 |
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| 1/10/2017 7:30:00 AM | 466200.000 | 22.925 |
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| 51390.914 | 33.725 | 34945.824 |
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| 51341.125 | 33.689 | 34911.969 |
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| 51389.668 | 33.724 | 34944.973 |
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| 14.280 | | 51.879 | 40872.527 | |
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| 14.280 | | 51.900 | 40833.617 | |
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| 24.482 | | 1.025 | | |

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1/11/2017 10:00:00 AM 561600.000 21.874

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| 51473.563 | 33.806 | 35002.027 |
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| 51432.367 | 33.776 | 34974.016 |
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| 51440.195 | 33.782 | 34979.332 |
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| 51473.668 | 33.806 | 35002.094 |
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| 24.303 | 1.025 | |
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| 51465.086 | 33.800 | 34996.258 |
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| 24.304 | 1.025 | |
| 1/11/2017 1:15:00 PM | 573300.000 | 21.150 |
| 14.510 | 47.643 | 41150.469 |
| 51461.355 | 33.797 | 34993.727 |
| 24.301 | 1.025 | |
| 1/11/2017 1:30:00 PM | 574200.000 | 21.114 |
| 14.510 | 47.561 | 41148.445 |

| | | |
|---|---|---|
| 51458.609 | 33.795 | 34991.855 |
| 24.302 | 1.025 | |
| 1/11/2017 1:45:00 PM | 575100.000 | 21.078 |
| 14.511 | 47.480 | 41148.238 |
| 51457.578 | 33.795 | 34991.152 |
| 24.302 | 1.025 | |
| 1/11/2017 2:00:00 PM | 576000.000 | 21.049 |
| 14.511 | 47.416 | 41152.789 |
| 51462.523 | 33.798 | 34994.520 |
| 24.300 | 1.025 | |
| 1/11/2017 2:15:00 PM | 576900.000 | 21.024 |
| 14.511 | 47.357 | 41150.781 |
| 51460.012 | 33.797 | 34992.809 |
| 24.301 | 1.025 | |
| 1/11/2017 2:30:00 PM | 577800.000 | 20.989 |
| 14.511 | 47.279 | 41138.992 |
| 51445.270 | 33.786 | 34982.789 |
| 24.308 | 1.025 | |
| 1/11/2017 2:45:00 PM | 578700.000 | 20.957 |
| 14.512 | 47.207 | 41170.934 |
| 51484.113 | 33.814 | 35009.199 |
| 24.289 | 1.025 | |
| 1/11/2017 3:00:00 PM | 579600.000 | 20.935 |
| 14.512 | 47.157 | 41182.938 |
| 51499.555 | 33.826 | 35019.699 |
| 24.282 | 1.025 | |
| 1/11/2017 3:15:00 PM | 580500.000 | 20.908 |
| 14.513 | 47.098 | 41152.148 |
| 51460.078 | 33.797 | 34992.855 |
| 24.300 | 1.025 | |
| 1/11/2017 3:30:00 PM | 581400.000 | 20.888 |
| 14.512 | 47.053 | 41163.098 |
| 51474.531 | 33.807 | 35002.684 |
| 24.294 | 1.025 | |
| 1/11/2017 3:45:00 PM | 582300.000 | 20.863 |
| 14.513 | 46.996 | 41148.832 |
| 51455.934 | 33.794 | 34990.035 |
| 24.302 | 1.025 | |
| 1/11/2017 4:00:00 PM | 583200.000 | 20.837 |
| 14.512 | 46.937 | 41154.996 |
| 51464.297 | 33.800 | 34995.723 |
| 24.298 | 1.025 | |
| 1/11/2017 4:15:00 PM | 584100.000 | 20.815 |
| 14.513 | 46.888 | 41162.043 |
| 51472.328 | 33.806 | 35001.188 |
| 24.294 | 1.025 | |
| 1/11/2017 4:30:00 PM | 585000.000 | 20.792 |
| 14.513 | 46.836 | 41125.535 |
| 51426.133 | 33.772 | 34969.773 |
| 24.316 | 1.025 | |
| 1/11/2017 4:45:00 PM | 585900.000 | 20.776 |
| 14.514 | 46.800 | 41165.254 |
| 51475.047 | 33.808 | 35003.031 |
| 24.292 | 1.025 | |
| 1/11/2017 5:00:00 PM | 586800.000 | 20.752 |
| 14.514 | 46.747 | 41128.801 |
| 51428.914 | 33.774 | 34971.660 |

24.314 1.025
1/11/2017 5:15:00 PM 587700.000 20.737
14.514 46.713 41151.211
51457.051 33.795 34990.797
24.301 1.025
1/11/2017 5:30:00 PM 588600.000 20.715
14.514 46.662 41160.629
51468.711 33.803 34998.727
24.295 1.025
1/11/2017 5:45:00 PM 589500.000 20.698
14.515 46.625 41127.645
51426.934 33.773 34970.316
24.315 1.025
1/11/2017 6:00:00 PM 590400.000 20.680
14.515 46.584 41170.797
51480.895 33.812 35007.008
24.289 1.025
1/11/2017 6:15:00 PM 591300.000 20.668
14.513 46.557 41151.230
51458.059 33.795 34991.480
24.301 1.025
1/11/2017 6:30:00 PM 592200.000 20.648
14.514 46.511 41134.672
51436.480 33.780 34976.809
24.310 1.025
1/11/2017 6:45:00 PM 593100.000 20.634
14.514 46.480 41124.902
51423.938 33.770 34968.281
24.316 1.025
1/11/2017 7:00:00 PM 594000.000 20.620
14.516 46.448 41165.086
51472.551 33.806 35001.340
24.292 1.025
1/11/2017 7:15:00 PM 594900.000 20.606
14.515 46.417 41128.953
51427.578 33.773 34970.758
24.314 1.025
1/11/2017 7:30:00 PM 595800.000 20.591
14.515 46.384 41177.855
51489.383 33.818 35012.781
24.285 1.025
1/11/2017 7:45:00 PM 596700.000 20.583
14.515 46.365 41162.621
51470.332 33.804 34999.824
24.294 1.025
1/11/2017 8:00:00 PM 597600.000 20.564
14.515 46.322 41125.254
51422.953 33.770 34967.609
24.316 1.025
1/11/2017 8:15:00 PM 598500.000 20.556
14.516 46.305 41137.691
51437.953 33.781 34977.809
24.309 1.025
1/11/2017 8:30:00 PM 599400.000 20.549
14.516 46.290 41132.633
51431.523 33.776 34973.438
24.312 1.025

1/11/2017 8:45:00 PM 600300.000 20.540
14.516 46.268 41117.984
51413.313 33.763 34961.055
24.320 1.025
1/11/2017 9:00:00 PM 601200.000 20.525
14.516 46.234 41145.676
51448.172 33.788 34984.762
24.304 1.025
1/11/2017 9:15:00 PM 602100.000 20.518
14.516 46.219 41129.574
51427.805 33.773 34970.910
24.313 1.025
1/11/2017 9:30:00 PM 603000.000 20.508
14.517 46.197 41153.793
51456.461 33.794 34990.395
24.299 1.025
1/11/2017 9:45:00 PM 603900.000 20.498
14.517 46.174 41138.762
51438.109 33.781 34977.918
24.308 1.025
1/11/2017 10:00:00 PM 604800.000 20.482
14.517 46.138 41171.418
51478.941 33.811 35005.680
24.289 1.025
1/11/2017 10:15:00 PM 605700.000 20.478
14.517 46.128 41163.336
51469.051 33.804 34998.953
24.293 1.025
1/11/2017 10:30:00 PM 606600.000 20.461
14.518 46.089 41122.188
51416.512 33.765 34963.227
24.318 1.025
1/11/2017 10:45:00 PM 607500.000 20.454
14.517 46.074 41164.250
51470.195 33.805 34999.738
24.293 1.025
1/11/2017 11:00:00 PM 608400.000 20.445
14.517 46.054 41130.699
51428.457 33.774 34971.352
24.313 1.025
1/11/2017 11:15:00 PM 609300.000 20.430
14.517 46.020 41124.914
51420.473 33.768 34965.922
24.316 1.025
1/11/2017 11:30:00 PM 610200.000 20.421
14.517 46.000 41115.879
51409.395 33.760 34958.391
24.322 1.025
1/11/2017 11:45:00 PM 611100.000 20.410
14.518 45.976 41153.676
51454.789 33.793 34989.258
24.299 1.025

Report Date: 1/16/2017 8:31:59 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-3D LT Test_2017-01-12_08-47-22-396-BaroMerge.wsl
Create Date: 1/16/2017 8:29:55 AM

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: WinSitu.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: Depth
Specific Gravity: 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

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Log Notes:

| Date and Time | Note |
|---|---|
| 3/9/2016 6:36:41 PM | Used Battery: 0% Used Memory: 3% User Name: KMakar |
| 3/9/2016 6:37:49 PM | Sensor SN: 446752 Cache Timeout: 1000 User Name: KMakar |
| 3/9/2016 6:37:54 PM | Device Taken Offline |
| 3/9/2016 6:39:03 PM | Device Put Online |
| 3/9/2016 6:39:04 PM | Sensor SN: 446752 Cache Timeout: 1750 User Name: KMakar |
| 3/17/2016 5:02:59 PM | Log Download - Used Battery: 0% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/10/2016 9:00:00 AM Stop Time: 3/17/2016 5:00:00 PM |
| 3/24/2016 1:04:11 PM | 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 8:47:15 AM | 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 1:07:21 PM | 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 12:53:34 PM | 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 11:16:11 AM | 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 3:06:41 PM | 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 10:41:59 AM | 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 12:05:39 PM | 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 2:33:06 PM | 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 1:29:34 PM | 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 2:01:35 PM | 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 10:11:07 AM | 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 4:19:34 PM | 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 11:55:38 AM | 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 7:41:47 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 7:15:00 PM |
| 7/8/2016 6:42:39 AM | 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 7:36:39 PM | 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 12:16:46 PM | 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 9:23:14 AM | 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 9:12:35 AM | 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 1:11:02 PM | 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 1:59:45 PM |
| 8/18/2016 9:16:49 AM | 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 4:13:43 PM | 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 12:53:24 PM | 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 11:08:26 AM | 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 11:10:49 AM | 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 7:00:38 PM | 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 3:10:51 PM | 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 7:50:06 AM | 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 6:02:01 PM | 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 9:39:45 AM | 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 8:49:33 AM | 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 8:52:35 AM | 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 9:57:08 AM | 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 8:51:03 AM | 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 1:01:12 PM | 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 8:14:48 AM | 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 3:02:25 PM | 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 1:53:10 PM | 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 10:08:35 AM | Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 11:00:00 AM |
| 12/8/2016 8:44:58 AM | 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 11:00:00 AM |
| 12/15/2016 8:07:29 AM | 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 11:15:00 AM |
| 12/22/2016 6:55:13 PM | 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 2:25:20 PM | 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 8:41:24 AM | 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 8:46:33 AM | 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 8:45:00 AM |
| 1/16/2017 8:29:55 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 715
Sensors: 2
1 - 446752: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| Date and Time | Elapsed Time (ppt) | Seconds | Corrected Pressure (PSI) | Resistivity (ohm-cm) | Temperature (C) | Water Density (g/cm3) | Corrected Depth (ft) | Barometric Pressure (PSI) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sensor: PCTD(A) 197.3ft SN#: 446752 | | | | | | | | | | | | |
| Sensor: PCTD(A) 197.3ft SN#: 446752 | | | | | | | | | | | | |
| Sensor: PCTD(A) 197.3ft SN#: 446752 | | | | | | | | | | | | |
| Sensor: Baro-Adj Calc SN#: 000000 | | | | | | | | | | | | |
| Sensor: PCTD(A) 197.3ft SN#: 446752 | | | | | | | | | | | | |
| Sensor: PCTD(A) 197.3ft SN#: 446752 | | | | | | | | | | | | |
| Sensor: PCTD(A) 197.3ft SN#: 446752 | | | | | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 124.906 | 19.675 | 281.363 | 41822.184 | 46557.215 | 30.532 | 31.659 |
| 23.911 | 1.021 | 14.703 | | | | | | |
| 1/5/2017 12:15:00 AM | 8100.000 | 124.935 | 19.678 | 281.428 | 41836.676 | 46570.684 | 30.542 | 31.668 |
| 23.902 | 1.021 | 14.710 | | | | | | |
| 1/5/2017 12:30:00 AM | 9000.000 | 124.962 | 19.677 | 281.490 | 41820.598 | 46553.387 | 30.529 | 31.656 |
| 23.912 | 1.021 | 14.713 | | | | | | |
| 1/5/2017 12:45:00 AM | 9900.000 | 124.994 | 19.676 | 281.561 | 41830.438 | 46565.973 | 30.538 | 31.665 |
| 23.906 | 1.021 | 14.717 | | | | | | |
| 1/5/2017 1:00:00 AM | 10800.000 | 125.031 | 19.679 | 281.645 | 41802.230 | 46531.223 | 30.513 | 31.641 |
| 23.922 | 1.021 | 14.716 | | | | | | |
| 1/5/2017 1:15:00 AM | 11700.000 | 125.065 | 19.679 | 281.721 | 41804.652 | 46534.258 | 30.515 | 31.643 |
| 23.921 | 1.021 | 14.714 | | | | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 125.105 | 19.680 | 281.812 | 41794.988 | 46522.375 | 30.507 | 31.635 |
| 23.926 | 1.021 | 14.717 | | | | | | |
| 1/5/2017 1:45:00 AM | 13500.000 | 125.122 | 19.679 | 281.850 | 41820.344 | 46550.957 | 30.528 | 31.655 |
| 23.912 | 1.021 | 14.720 | | | | | | |
| 1/5/2017 2:00:00 AM | 14400.000 | 125.157 | 19.680 | 281.929 | 41779.000 | 46504.844 | 30.494 | 31.623 |
| 23.935 | 1.021 | 14.723 | | | | | | |
| 1/5/2017 2:15:00 AM | 15300.000 | 125.195 | 19.679 | 282.014 | 41862.211 | 46598.328 | 30.562 | 31.687 |
| 23.888 | 1.021 | 14.718 | | | | | | |
| 1/5/2017 2:30:00 AM | 16200.000 | 125.220 | 19.681 | 282.071 | 41821.441 | 46551.141 | 30.528 | 31.655 |
| 23.911 | 1.021 | 14.718 | | | | | | |
| 1/5/2017 2:45:00 AM | 17100.000 | 125.252 | 19.679 | 282.142 | 41824.309 | 46556.320 | 30.531 | 31.658 |
| 23.910 | 1.021 | 14.721 | | | | | | |
| 1/5/2017 3:00:00 AM | 18000.000 | 125.266 | 19.678 | 282.174 | 41824.984 | 46557.492 | 30.532 | 31.659 |
| 23.909 | 1.021 | 14.724 | | | | | | |
| 1/5/2017 3:15:00 AM | 18900.000 | 125.292 | 19.680 | 282.232 | 41829.406 | 46560.344 | 30.535 | 31.661 |
| 23.907 | 1.021 | 14.718 | | | | | | |
| 1/5/2017 3:30:00 AM | 19800.000 | 125.304 | 19.679 | 282.259 | 41819.582 | 46550.961 | 30.528 | 31.655 |
| 23.912 | 1.021 | 14.721 | | | | | | |
| 1/5/2017 3:45:00 AM | 20700.000 | 125.313 | 19.680 | 282.280 | 41802.168 | 46530.449 | 30.513 | 31.641 |
| 23.922 | 1.021 | 14.722 | | | | | | |
| 1/5/2017 4:00:00 AM | 21600.000 | 125.329 | 19.678 | 282.315 | 41821.250 | 46553.594 | 30.529 | 31.656 |
| 23.911 | 1.021 | 14.720 | | | | | | |
| 1/5/2017 4:15:00 AM | 22500.000 | 125.335 | 19.676 | 282.330 | 41788.711 | 46518.754 | 30.504 | 31.633 |
| 23.930 | 1.021 | 14.717 | | | | | | |
| 1/5/2017 4:30:00 AM | 23400.000 | 125.332 | 19.677 | 282.322 | 41811.289 | 46543.027 | 30.522 | 31.649 |
| 23.917 | 1.021 | 14.725 | | | | | | |
| 1/5/2017 4:45:00 AM | 24300.000 | 125.332 | 19.677 | 282.322 | 41800.770 | 46531.398 | 30.513 | 31.641 |
| 23.923 | 1.021 | 14.722 | | | | | | |
| 1/5/2017 5:00:00 AM | 25200.000 | 125.333 | 19.680 | 282.326 | 41836.086 | 46567.602 | 30.540 | 31.666 |
| 23.903 | 1.021 | 14.707 | | | | | | |
| 1/5/2017 5:15:00 AM | 26100.000 | 125.322 | 19.680 | 282.301 | 41800.172 | 46527.980 | 30.511 | 31.639 |
| 23.923 | 1.021 | 14.722 | | | | | | |
| 1/5/2017 5:30:00 AM | 27000.000 | 125.312 | 19.680 | 282.278 | 41832.719 | 46564.031 | 30.537 | 31.664 |
| 23.905 | 1.021 | 14.718 | | | | | | |
| 1/5/2017 5:45:00 AM | 27900.000 | 125.294 | 19.681 | 282.238 | 41822.340 | 46551.793 | 30.528 | 31.655 |
| 23.911 | 1.021 | 14.722 | | | | | | |
| 1/5/2017 6:00:00 AM | 28800.000 | 125.284 | 19.681 | 282.214 | 41816.855 | 46545.258 | 30.524 | 31.651 |
| 23.914 | 1.021 | 14.720 | | | | | | |
| 1/5/2017 6:15:00 AM | 29700.000 | 125.255 | 19.682 | 282.149 | 41791.406 | 46516.586 | 30.503 | 31.631 |
| 23.928 | 1.021 | 14.728 | | | | | | |
| 1/5/2017 6:30:00 AM | 30600.000 | 125.242 | 19.681 | 282.121 | 41819.836 | 46548.578 | 30.526 | 31.653 |
| 23.912 | 1.021 | 14.723 | | | | | | |
| 1/5/2017 6:45:00 AM | 31500.000 | 125.210 | 19.679 | 282.048 | 41832.039 | 46564.570 | 30.538 | 31.664 |
| 23.905 | 1.021 | 14.733 | | | | | | |
| 1/5/2017 7:00:00 AM | 32400.000 | 125.188 | 19.680 | 281.997 | 41834.992 | 46566.563 | 30.539 | 31.665 |
| 23.903 | 1.021 | 14.736 | | | | | | |
| 1/5/2017 7:15:00 AM | 33300.000 | 125.161 | 19.681 | 281.937 | 41811.051 | 46539.137 | 30.519 | 31.647 |
| 23.917 | 1.021 | 14.735 | | | | | | |
| 1/5/2017 7:30:00 AM | 34200.000 | 125.140 | 19.683 | 281.889 | 41834.418 | 46562.648 | 30.536 | 31.663 |
| 23.904 | 1.021 | 14.730 | | | | | | |
| 1/5/2017 7:45:00 AM | 35100.000 | 125.117 | 19.679 | 281.839 | 41810.422 | 46540.074 | 30.520 | 31.647 |
| 23.917 | 1.021 | 14.731 | | | | | | |
| 1/5/2017 8:00:00 AM | 36000.000 | 125.087 | 19.679 | 281.771 | 41827.188 | 46559.523 | 30.534 | 31.660 |
| 23.908 | 1.021 | 14.737 | | | | | | |
| 1/5/2017 8:15:00 AM | 36900.000 | 125.067 | 19.680 | 281.726 | 41824.887 | 46555.578 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.739 | | | | | | |
| 1/5/2017 8:30:00 AM | 37800.000 | 125.039 | 19.681 | 281.663 | 41815.129 | 46544.113 | 30.523 | 31.650 |
| 23.915 | 1.021 | 14.745 | | | | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 125.020 | 19.685 | 281.619 | 41803.754 | 46527.480 | 30.511 | 31.639 |
| 23.921 | 1.021 | 14.750 | | | | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 125.003 | 19.681 | 281.582 | 41836.336 | 46566.766 | 30.539 | 31.665 |
| 23.903 | 1.021 | 14.747 | | | | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 124.975 | 19.681 | 281.520 | 41842.027 | 46573.277 | 30.544 | 31.670 |
| 23.899 | 1.021 | 14.760 | | | | | | |
| 1/5/2017 9:30:00 AM | 41400.000 | 124.972 | 19.682 | 281.512 | 41809.691 | 46536.500 | 30.517 | 31.645 |
| 23.918 | 1.021 | 14.750 | | | | | | |
| 1/5/2017 9:45:00 AM | 42300.000 | 124.953 | 19.682 | 281.470 | 41800.918 | 46527.172 | 30.510 | 31.638 |
| 23.923 | 1.021 | 14.758 | | | | | | |
| 1/5/2017 10:00:00 AM | 43200.000 | 124.942 | 19.681 | 281.444 | 41804.414 | 46532.008 | 30.514 | 31.642 |
| 23.921 | 1.021 | 14.757 | | | | | | |
| 1/5/2017 10:15:00 AM | 44100.000 | 124.928 | 19.683 | 281.412 | 41810.414 | 46536.883 | 30.517 | 31.645 |
| 23.917 | 1.021 | 14.757 | | | | | | |
| 1/5/2017 10:30:00 AM | 45000.000 | 124.920 | 19.680 | 281.396 | 41818.645 | 46548.707 | 30.526 | 31.653 |
| 23.913 | 1.021 | 14.758 | | | | | | |
| 1/5/2017 10:45:00 AM | 45900.000 | 124.920 | 19.680 | 281.395 | 41821.324 | 46551.434 | 30.528 | 31.655 |
| 23.911 | 1.021 | 14.758 | | | | | | |
| 1/5/2017 11:00:00 AM | 46800.000 | 124.959 | 19.679 | 281.481 | 41830.453 | 46562.637 | 30.536 | 31.663 |
| 23.906 | 1.021 | 14.746 | | | | | | |
| 1/5/2017 11:15:00 AM | 47700.000 | 124.928 | 19.679 | 281.412 | 41824.609 | 46556.391 | 30.532 | 31.658 |
| 23.909 | 1.021 | 14.751 | | | | | | |
| 1/5/2017 11:30:00 AM | 48600.000 | 124.924 | 19.678 | 281.403 | 41821.352 | 46553.188 | 30.529 | 31.656 |
| 23.911 | 1.021 | 14.757 | | | | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 124.930 | 19.681 | 281.417 | 41834.473 | 46565.125 | 30.538 | 31.664 |
| 23.904 | 1.021 | 14.750 | | | | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 124.945 | 19.679 | 281.451 | 41819.258 | 46550.176 | 30.527 | 31.654 |
| 23.912 | 1.021 | 14.745 | | | | | | |
| 1/5/2017 12:15:00 PM | 51300.000 | 124.944 | 19.681 | 281.449 | 41816.461 | 46545.598 | 30.524 | 31.651 |
| 23.914 | 1.021 | 14.749 | | | | | | |
| 1/5/2017 12:30:00 PM | 52200.000 | 124.963 | 19.678 | 281.492 | 41805.383 | 46536.105 | 30.517 | 31.645 |
| 23.920 | 1.021 | 14.748 | | | | | | |
| 1/5/2017 12:45:00 PM | 53100.000 | 124.977 | 19.680 | 281.522 | 41838.184 | 46570.453 | 30.542 | 31.668 |
| 23.902 | 1.021 | 14.742 | | | | | | |
| 1/5/2017 1:00:00 PM | 54000.000 | 124.985 | 19.680 | 281.541 | 41817.574 | 46547.441 | 30.525 | 31.652 |
| 23.913 | 1.021 | 14.742 | | | | | | |
| 1/5/2017 1:15:00 PM | 54900.000 | 125.010 | 19.679 | 281.596 | 41785.914 | 46512.879 | 30.500 | 31.629 |
| 23.932 | 1.021 | 14.736 | | | | | | |
| 1/5/2017 1:30:00 PM | 55800.000 | 125.022 | 19.679 | 281.625 | 41805.988 | 46535.066 | 30.516 | 31.644 |
| 23.920 | 1.021 | 14.736 | | | | | | |
| 1/5/2017 1:45:00 PM | 56700.000 | 125.033 | 19.678 | 281.648 | 41825.625 | 46558.465 | 30.533 | 31.660 |
| 23.909 | 1.021 | 14.740 | | | | | | |
| 1/5/2017 2:00:00 PM | 57600.000 | 125.044 | 19.680 | 281.674 | 41824.645 | 46554.867 | 30.531 | 31.657 |
| 23.909 | 1.021 | 14.744 | | | | | | |
| 1/5/2017 2:15:00 PM | 58500.000 | 125.064 | 19.681 | 281.719 | 41786.504 | 46512.070 | 30.499 | 31.628 |
| 23.931 | 1.021 | 14.741 | | | | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 125.075 | 19.679 | 281.743 | 41808.418 | 46538.277 | 30.518 | 31.646 |
| 23.919 | 1.021 | 14.739 | | | | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 125.091 | 19.677 | 281.780 | 41828.855 | 46563.188 | 30.536 | 31.663 |
| 23.907 | 1.021 | 14.738 | | | | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 125.100 | 19.679 | 281.801 | 41801.793 | 46531.258 | 30.513 | 31.641 |
| 23.922 | 1.021 | 14.741 | | | | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 125.105 | 19.680 | 281.811 | 41836.594 | 46568.684 | 30.541 | 31.667 |
| 23.903 | 1.021 | 14.740 | | | | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 125.117 | 19.682 | 281.838 | 41829.105 | 46558.207 | 30.533 | 31.660 |
| 23.907 | 1.021 | 14.739 | | | | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 125.124 | 19.682 | 281.855 | 41803.234 | 46529.410 | 30.512 | 31.640 |
| 23.922 | 1.021 | 14.740 | | | | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 125.125 | 19.680 | 281.857 | 41815.504 | 46544.691 | 30.523 | 31.650 |
| 23.915 | 1.021 | 14.741 | | | | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 125.119 | 19.680 | 281.844 | 41824.789 | 46555.727 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.745 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 4:30:00 PM | 66600.000 | 125.121 | 19.681 | 281.848 | 41829.219 | 46559.617 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.745 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 125.115 | 19.682 | 281.833 | 41864.113 | 46597.074 | 30.561 | 31.686 |
| 23.887 | 1.021 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 125.109 | 19.681 | 281.821 | 41825.457 | 46554.742 | 30.530 | 31.657 |
| 23.909 | 1.021 | 14.749 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 125.100 | 19.682 | 281.799 | 41792.852 | 46518.191 | 30.504 | 31.632 |
| 23.928 | 1.021 | 14.751 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 125.081 | 19.679 | 281.758 | 41830.117 | 46562.688 | 30.536 | 31.663 |
| 23.906 | 1.021 | 14.753 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 125.068 | 19.680 | 281.728 | 41830.727 | 46562.082 | 30.536 | 31.662 |
| 23.906 | 1.021 | 14.751 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 125.056 | 19.680 | 281.701 | 41830.043 | 46560.797 | 30.535 | 31.661 |
| 23.906 | 1.021 | 14.745 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 125.035 | 19.681 | 281.655 | 41789.395 | 46515.371 | 30.502 | 31.630 |
| 23.930 | 1.021 | 14.755 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 125.013 | 19.681 | 281.603 | 41842.926 | 46574.441 | 30.545 | 31.671 |
| 23.899 | 1.021 | 14.748 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 124.991 | 19.679 | 281.553 | 41814.582 | 46545.047 | 30.523 | 31.651 |
| 23.915 | 1.021 | 14.761 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 124.968 | 19.676 | 281.503 | 41796.727 | 46527.938 | 30.511 | 31.639 |
| 23.925 | 1.021 | 14.759 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 124.944 | 19.675 | 281.448 | 41798.094 | 46530.320 | 30.512 | 31.641 |
| 23.925 | 1.021 | 14.757 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 124.920 | 19.678 | 281.394 | 41829.199 | 46561.840 | 30.536 | 31.662 |
| 23.907 | 1.021 | 14.760 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 124.898 | 19.678 | 281.346 | 41829.152 | 46562.215 | 30.536 | 31.662 |
| 23.907 | 1.021 | 14.756 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 124.881 | 19.679 | 281.307 | 41815.148 | 46545.262 | 30.523 | 31.651 |
| 23.915 | 1.021 | 14.758 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 124.851 | 19.677 | 281.239 | 41849.773 | 46585.949 | 30.553 | 31.678 |
| 23.895 | 1.021 | 14.763 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 124.833 | 19.675 | 281.198 | 41807.422 | 46541.301 | 30.520 | 31.648 |
| 23.919 | 1.021 | 14.759 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 124.811 | 19.676 | 281.150 | 41800.813 | 46532.992 | 30.514 | 31.642 |
| 23.923 | 1.021 | 14.763 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 124.792 | 19.678 | 281.106 | 41804.543 | 46534.566 | 30.516 | 31.644 |
| 23.921 | 1.021 | 14.769 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 124.788 | 19.679 | 281.097 | 41806.688 | 46536.605 | 30.517 | 31.645 |
| 23.920 | 1.021 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 124.769 | 19.678 | 281.055 | 41806.465 | 46536.961 | 30.517 | 31.645 |
| 23.920 | 1.021 | 14.767 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 124.755 | 19.676 | 281.022 | 41800.992 | 46533.109 | 30.514 | 31.643 |
| 23.923 | 1.021 | 14.778 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 124.751 | 19.680 | 281.013 | 41799.195 | 46526.801 | 30.510 | 31.638 |
| 23.924 | 1.021 | 14.773 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 124.749 | 19.679 | 281.008 | 41826.426 | 46557.727 | 30.533 | 31.659 |
| 23.908 | 1.021 | 14.775 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 124.762 | 19.677 | 281.039 | 41783.023 | 46512.082 | 30.499 | 31.628 |
| 23.933 | 1.021 | 14.768 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 124.762 | 19.680 | 281.039 | 41831.500 | 46562.852 | 30.536 | 31.663 |
| 23.905 | 1.021 | 14.764 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 124.764 | 19.683 | 281.042 | 41837.977 | 46566.781 | 30.539 | 31.665 |
| 23.902 | 1.021 | 14.773 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 124.780 | 19.680 | 281.080 | 41824.000 | 46554.410 | 30.530 | 31.657 |
| 23.910 | 1.021 | 14.764 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 124.794 | 19.676 | 281.111 | 41828.711 | 46563.621 | 30.537 | 31.663 |
| 23.907 | 1.021 | 14.770 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 124.814 | 19.675 | 281.156 | 41793.152 | 46524.980 | 30.508 | 31.637 |
| 23.927 | 1.021 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 124.840 | 19.679 | 281.214 | 41808.266 | 46538.195 | 30.518 | 31.646 |
| 23.919 | 1.021 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 124.862 | 19.677 | 281.264 | 41838.637 | 46573.551 | 30.544 | 31.670 |
| 23.901 | 1.021 | 14.770 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 124.882 | 19.679 | 281.308 | 41828.848 | 46561.105 | 30.535 | 31.662 |
| 23.907 | 1.021 | 14.772 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 124.923 | 19.680 | 281.402 | 41843.496 | 46576.367 | 30.546 | 31.672 |
| 23.899 | 1.021 | 14.768 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 124.951 | 19.678 | 281.464 | 41807.422 | 46538.203 | 30.518 | 31.646 |
| 23.919 | 1.021 | 14.772 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 124.979 | 19.681 | 281.528 | 41847.371 | 46580.000 | 30.549 | 31.674 |
| 23.896 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 125.013 | 19.676 | 281.604 | 41819.883 | 46553.715 | 30.529 | 31.657 |
| 23.912 | 1.021 | 14.772 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 125.049 | 19.679 | 281.686 | 41839.016 | 46572.336 | 30.543 | 31.669 |
| 23.901 | 1.021 | 14.770 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 125.095 | 19.681 | 281.790 | 41818.820 | 46547.445 | 30.525 | 31.652 |
| 23.913 | 1.021 | 14.765 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 125.115 | 19.680 | 281.834 | 41829.332 | 46560.172 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.771 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 125.158 | 19.677 | 281.930 | 41841.676 | 46577.109 | 30.547 | 31.672 |
| 23.900 | 1.021 | 14.765 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 125.180 | 19.678 | 281.980 | 41830.926 | 46564.105 | 30.537 | 31.664 |
| 23.906 | 1.021 | 14.776 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 125.217 | 19.679 | 282.065 | 41807.254 | 46536.633 | 30.517 | 31.645 |
| 23.919 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 125.254 | 19.678 | 282.146 | 41794.145 | 46523.340 | 30.507 | 31.636 |
| 23.927 | 1.021 | 14.767 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 125.274 | 19.676 | 282.191 | 41808.793 | 46541.793 | 30.521 | 31.648 |
| 23.918 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 125.300 | 19.677 | 282.250 | 41815.434 | 46547.461 | 30.525 | 31.652 |
| 23.915 | 1.021 | 14.774 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 125.320 | 19.680 | 282.296 | 41825.191 | 46555.563 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 125.342 | 19.679 | 282.346 | 41811.227 | 46541.492 | 30.521 | 31.648 |
| 23.917 | 1.021 | 14.763 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 125.353 | 19.679 | 282.369 | 41816.473 | 46547.242 | 30.525 | 31.652 |
| 23.914 | 1.021 | 14.765 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 125.362 | 19.681 | 282.391 | 41837.824 | 46569.027 | 30.541 | 31.667 |
| 23.902 | 1.021 | 14.763 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 125.372 | 19.680 | 282.413 | 41825.805 | 46556.078 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.759 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 125.372 | 19.681 | 282.413 | 41814.445 | 46543.258 | 30.522 | 31.649 |
| 23.915 | 1.021 | 14.768 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 125.369 | 19.679 | 282.407 | 41795.316 | 46523.527 | 30.508 | 31.636 |
| 23.926 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 125.361 | 19.680 | 282.388 | 41817.469 | 46547.141 | 30.525 | 31.652 |
| 23.913 | 1.021 | 14.771 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 125.355 | 19.680 | 282.375 | 41809.898 | 46538.969 | 30.519 | 31.647 |
| 23.918 | 1.021 | 14.767 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 125.340 | 19.680 | 282.341 | 41800.020 | 46528.059 | 30.511 | 31.639 |
| 23.923 | 1.021 | 14.770 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 125.327 | 19.678 | 282.311 | 41844.008 | 46579.008 | 30.548 | 31.674 |
| 23.898 | 1.021 | 14.767 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 125.309 | 19.678 | 282.271 | 41811.422 | 46542.570 | 30.521 | 31.649 |
| 23.917 | 1.021 | 14.766 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 125.287 | 19.682 | 282.221 | 41820.703 | 46548.754 | 30.526 | 31.653 |
| 23.912 | 1.021 | 14.773 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 125.262 | 19.681 | 282.166 | 41793.395 | 46519.742 | 30.505 | 31.633 |
| 23.927 | 1.021 | 14.771 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 125.232 | 19.679 | 282.097 | 41819.738 | 46550.785 | 30.527 | 31.655 |
| 23.912 | 1.021 | 14.774 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 125.198 | 19.679 | 282.020 | 41833.445 | 46566.492 | 30.539 | 31.665 |
| 23.904 | 1.021 | 14.778 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 125.177 | 19.683 | 281.974 | 41793.074 | 46517.324 | 30.503 | 31.632 |
| 23.927 | 1.021 | 14.774 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 125.142 | 19.679 | 281.895 | 41825.172 | 46556.418 | 30.532 | 31.658 |
| 23.909 | 1.021 | 14.777 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 125.145 | 19.679 | 281.900 | 41794.441 | 46522.809 | 30.507 | 31.636 |
| 23.927 | 1.021 | 14.780 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 125.078 | 19.678 | 281.751 | 41823.660 | 46556.539 | 30.532 | 31.658 |
| 23.910 | 1.021 | 14.786 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 125.050 | 19.679 | 281.687 | 41820.445 | 46551.070 | 30.528 | 31.655 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23.912 | 1.021 | 14.783 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 125.020 | 19.679 | 281.620 | 41808.242 | 46537.824 | 30.518 | 31.646 |
| 23.919 | 1.021 | 14.782 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 124.995 | 19.679 | 281.563 | 41828.371 | 46560.320 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.784 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 124.963 | 19.681 | 281.492 | 41825.070 | 46554.313 | 30.530 | 31.657 |
| 23.909 | 1.021 | 14.790 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 124.938 | 19.681 | 281.435 | 41806.910 | 46534.965 | 30.516 | 31.644 |
| 23.919 | 1.021 | 14.785 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 124.913 | 19.677 | 281.378 | 41807.297 | 46539.188 | 30.519 | 31.647 |
| 23.919 | 1.021 | 14.784 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 124.895 | 19.680 | 281.339 | 41806.836 | 46535.133 | 30.516 | 31.644 |
| 23.920 | 1.021 | 14.780 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 124.884 | 19.682 | 281.314 | 41817.559 | 46545.594 | 30.524 | 31.651 |
| 23.913 | 1.021 | 14.774 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 124.862 | 19.679 | 281.265 | 41830.945 | 46563.258 | 30.537 | 31.663 |
| 23.906 | 1.021 | 14.778 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 124.844 | 19.679 | 281.222 | 41822.168 | 46553.414 | 30.529 | 31.656 |
| 23.911 | 1.021 | 14.780 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 124.843 | 19.676 | 281.221 | 41826.563 | 46561.410 | 30.535 | 31.662 |
| 23.908 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 124.836 | 19.676 | 281.205 | 41799.449 | 46531.309 | 30.513 | 31.641 |
| 23.924 | 1.021 | 14.769 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 124.826 | 19.677 | 281.182 | 41819.602 | 46552.102 | 30.528 | 31.655 |
| 23.912 | 1.021 | 14.767 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 124.823 | 19.677 | 281.175 | 41823.762 | 46556.730 | 30.532 | 31.659 |
| 23.910 | 1.021 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 124.831 | 19.679 | 281.194 | 41819.355 | 46550.625 | 30.527 | 31.654 |
| 23.912 | 1.021 | 14.762 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 124.826 | 19.677 | 281.182 | 41791.684 | 46521.879 | 30.506 | 31.635 |
| 23.928 | 1.021 | 14.763 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 124.839 | 19.679 | 281.211 | 41834.520 | 46567.238 | 30.539 | 31.666 |
| 23.904 | 1.021 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 124.843 | 19.680 | 281.222 | 41807.230 | 46536.000 | 30.517 | 31.644 |
| 23.919 | 1.021 | 14.757 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 124.861 | 19.680 | 281.261 | 41830.984 | 46562.707 | 30.536 | 31.663 |
| 23.906 | 1.021 | 14.750 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 124.864 | 19.679 | 281.268 | 41818.363 | 46549.254 | 30.526 | 31.653 |
| 23.913 | 1.021 | 14.752 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 124.893 | 19.676 | 281.334 | 41776.961 | 46505.848 | 30.494 | 31.624 |
| 23.937 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 124.917 | 19.676 | 281.389 | 41820.828 | 46555.027 | 30.530 | 31.657 |
| 23.912 | 1.021 | 14.737 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 124.934 | 19.677 | 281.425 | 41814.316 | 46546.734 | 30.524 | 31.652 |
| 23.915 | 1.021 | 14.732 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 124.947 | 19.676 | 281.455 | 41828.188 | 46562.961 | 30.536 | 31.663 |
| 23.907 | 1.021 | 14.739 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 124.969 | 19.676 | 281.504 | 41809.828 | 46542.523 | 30.521 | 31.649 |
| 23.918 | 1.021 | 14.736 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 124.987 | 19.679 | 281.545 | 41837.633 | 46570.289 | 30.542 | 31.668 |
| 23.902 | 1.021 | 14.739 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 125.007 | 19.679 | 281.590 | 41813.891 | 46544.113 | 30.523 | 31.650 |
| 23.915 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 125.022 | 19.680 | 281.624 | 41835.512 | 46567.141 | 30.539 | 31.666 |
| 23.903 | 1.021 | 14.748 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 125.041 | 19.680 | 281.668 | 41814.066 | 46543.609 | 30.522 | 31.650 |
| 23.915 | 1.021 | 14.745 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 125.055 | 19.680 | 281.698 | 41826.621 | 46557.766 | 30.533 | 31.659 |
| 23.908 | 1.021 | 14.741 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 125.071 | 19.679 | 281.734 | 41774.527 | 46500.297 | 30.491 | 31.620 |
| 23.938 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 125.076 | 19.679 | 281.745 | 41797.324 | 46525.496 | 30.509 | 31.637 |
| 23.925 | 1.021 | 14.748 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 125.087 | 19.682 | 281.771 | 41835.910 | 46565.945 | 30.539 | 31.665 |
| 23.903 | 1.021 | 14.749 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 125.111 | 19.679 | 281.825 | 41834.020 | 46566.180 | 30.539 | 31.665 |
| 23.904 | 1.021 | 14.738 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 125.100 | 19.679 | 281.799 | 41790.316 | 46517.777 | 30.503 | 31.632 |
| 23.929 | 1.021 | 14.749 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 125.104 | 19.680 | 281.808 | 41822.973 | 46553.605 | 30.530 | 31.656 |
| 23.910 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 125.102 | 19.680 | 281.805 | 41811.688 | 46540.621 | 30.520 | 31.648 |
| 23.917 | 1.021 | 14.742 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 125.096 | 19.679 | 281.791 | 41824.441 | 46555.516 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.747 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 125.088 | 19.681 | 281.773 | 41809.227 | 46537.449 | 30.518 | 31.645 |
| 23.918 | 1.021 | 14.748 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 125.080 | 19.680 | 281.755 | 41824.773 | 46554.934 | 30.531 | 31.657 |
| 23.909 | 1.021 | 14.751 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 125.075 | 19.680 | 281.743 | 41821.883 | 46552.395 | 30.529 | 31.656 |
| 23.911 | 1.021 | 14.749 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 125.053 | 19.680 | 281.694 | 41828.879 | 46560.098 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 125.037 | 19.681 | 281.658 | 41814.820 | 46543.770 | 30.522 | 31.650 |
| 23.915 | 1.021 | 14.755 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 125.031 | 19.680 | 281.644 | 41814.570 | 46543.914 | 30.522 | 31.650 |
| 23.915 | 1.021 | 14.753 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 125.016 | 19.679 | 281.612 | 41807.133 | 46537.102 | 30.517 | 31.645 |
| 23.919 | 1.021 | 14.756 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 124.993 | 19.680 | 281.558 | 41843.457 | 46575.984 | 30.546 | 31.672 |
| 23.899 | 1.021 | 14.749 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 124.976 | 19.678 | 281.521 | 41829.773 | 46562.563 | 30.536 | 31.663 |
| 23.906 | 1.021 | 14.754 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 124.962 | 19.682 | 281.490 | 41852.379 | 46584.535 | 30.552 | 31.677 |
| 23.894 | 1.021 | 14.749 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 124.948 | 19.680 | 281.457 | 41802.605 | 46531.117 | 30.513 | 31.641 |
| 23.922 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 124.928 | 19.679 | 281.413 | 41810.352 | 46540.602 | 30.520 | 31.648 |
| 23.918 | 1.021 | 14.748 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 124.914 | 19.678 | 281.381 | 41827.148 | 46560.160 | 30.534 | 31.661 |
| 23.908 | 1.021 | 14.743 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 124.901 | 19.678 | 281.352 | 41835.137 | 46569.133 | 30.541 | 31.667 |
| 23.903 | 1.021 | 14.746 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 124.882 | 19.680 | 281.309 | 41812.234 | 46541.051 | 30.520 | 31.648 |
| 23.916 | 1.021 | 14.744 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 124.881 | 19.681 | 281.306 | 41804.797 | 46531.746 | 30.514 | 31.642 |
| 23.921 | 1.021 | 14.747 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 124.862 | 19.681 | 281.263 | 41842.867 | 46574.285 | 30.545 | 31.671 |
| 23.899 | 1.021 | 14.755 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 124.855 | 19.682 | 281.247 | 41847.660 | 46578.859 | 30.548 | 31.674 |
| 23.896 | 1.021 | 14.756 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 124.843 | 19.680 | 281.221 | 41828.516 | 46559.777 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.763 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 124.848 | 19.678 | 281.233 | 41827.660 | 46560.207 | 30.534 | 31.661 |
| 23.908 | 1.021 | 14.759 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 124.856 | 19.679 | 281.250 | 41808.695 | 46538.328 | 30.518 | 31.646 |
| 23.918 | 1.021 | 14.755 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 124.863 | 19.681 | 281.265 | 41819.395 | 46547.910 | 30.525 | 31.653 |
| 23.912 | 1.021 | 14.750 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 124.871 | 19.679 | 281.284 | 41828.156 | 46560.422 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.753 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 124.890 | 19.678 | 281.327 | 41821.773 | 46553.836 | 30.530 | 31.657 |
| 23.911 | 1.021 | 14.739 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 124.911 | 19.682 | 281.375 | 41807.969 | 46534.848 | 30.516 | 31.644 |
| 23.919 | 1.021 | 14.736 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 124.935 | 19.678 | 281.428 | 41833.371 | 46566.566 | 30.539 | 31.665 |
| 23.904 | 1.021 | 14.732 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 124.959 | 19.679 | 281.483 | 41817.746 | 46549.016 | 30.526 | 31.653 |
| 23.913 | 1.021 | 14.725 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 124.993 | 19.679 | 281.559 | 41845.348 | 46578.789 | 30.548 | 31.674 |
| 23.898 | 1.021 | 14.718 | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 125.020 | 19.681 | 281.620 | 41817.746 | 46546.324 | 30.524 | 31.652 |
| 23.913 | 1.021 | 14.716 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 1:45:00 AM | 186300.000 | 125.049 | 19.679 | 281.685 | 41849.441 | 46583.508 | 30.551 | 31.677 |
| 23.895 | 1.021 | 14.717 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 125.118 | 19.678 | 281.841 | 41833.633 | 46567.039 | 30.539 | 31.666 |
| 23.904 | 1.021 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 125.117 | 19.679 | 281.839 | 41820.965 | 46551.809 | 30.528 | 31.655 |
| 23.911 | 1.021 | 14.715 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 125.150 | 19.677 | 281.912 | 41831.027 | 46565.254 | 30.538 | 31.664 |
| 23.906 | 1.021 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 125.192 | 19.678 | 282.008 | 41826.484 | 46558.988 | 30.533 | 31.660 |
| 23.908 | 1.021 | 14.713 | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 125.226 | 19.677 | 282.083 | 41827.980 | 46561.688 | 30.535 | 31.662 |
| 23.907 | 1.021 | 14.709 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 125.261 | 19.678 | 282.163 | 41822.031 | 46554.465 | 30.530 | 31.657 |
| 23.911 | 1.021 | 14.708 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 125.304 | 19.675 | 282.259 | 41807.594 | 46541.578 | 30.521 | 31.648 |
| 23.919 | 1.021 | 14.700 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 125.340 | 19.677 | 282.340 | 41833.691 | 46568.047 | 30.540 | 31.666 |
| 23.904 | 1.021 | 14.699 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 125.369 | 19.678 | 282.407 | 41784.488 | 46512.332 | 30.499 | 31.628 |
| 23.932 | 1.021 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 125.403 | 19.680 | 282.482 | 41810.184 | 46539.215 | 30.519 | 31.647 |
| 23.918 | 1.021 | 14.697 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 125.429 | 19.678 | 282.542 | 41815.227 | 46546.715 | 30.524 | 31.652 |
| 23.915 | 1.021 | 14.694 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 125.457 | 19.681 | 282.605 | 41824.387 | 46553.715 | 30.530 | 31.657 |
| 23.909 | 1.021 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 125.471 | 19.678 | 282.636 | 41842.016 | 46576.535 | 30.546 | 31.672 |
| 23.899 | 1.021 | 14.692 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 125.493 | 19.679 | 282.686 | 41806.199 | 46535.895 | 30.517 | 31.644 |
| 23.920 | 1.021 | 14.689 | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 125.496 | 19.682 | 282.692 | 41832.133 | 46561.660 | 30.536 | 31.662 |
| 23.905 | 1.021 | 14.697 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 125.508 | 19.682 | 282.720 | 41871.902 | 46606.266 | 30.568 | 31.692 |
| 23.882 | 1.021 | 14.698 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 125.516 | 19.679 | 282.737 | 41819.730 | 46550.703 | 30.527 | 31.654 |
| 23.912 | 1.021 | 14.700 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 125.514 | 19.679 | 282.732 | 41876.504 | 46613.469 | 30.573 | 31.697 |
| 23.880 | 1.021 | 14.698 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 125.505 | 19.681 | 282.713 | 41809.770 | 46537.875 | 30.518 | 31.646 |
| 23.918 | 1.021 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 125.501 | 19.679 | 282.703 | 41825.754 | 46557.746 | 30.533 | 31.659 |
| 23.909 | 1.021 | 14.695 | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 125.485 | 19.680 | 282.668 | 41803.465 | 46531.379 | 30.513 | 31.641 |
| 23.921 | 1.021 | 14.697 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 125.468 | 19.680 | 282.628 | 41824.719 | 46555.734 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.699 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 125.445 | 19.683 | 282.577 | 41813.617 | 46540.449 | 30.520 | 31.648 |
| 23.916 | 1.021 | 14.702 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 125.419 | 19.681 | 282.519 | 41833.379 | 46564.082 | 30.537 | 31.664 |
| 23.904 | 1.021 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 125.399 | 19.680 | 282.473 | 41815.301 | 46544.820 | 30.523 | 31.650 |
| 23.915 | 1.021 | 14.700 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 125.358 | 19.676 | 282.381 | 41793.301 | 46524.203 | 30.508 | 31.636 |
| 23.927 | 1.021 | 14.714 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 125.328 | 19.681 | 282.313 | 41828.820 | 46559.352 | 30.534 | 31.660 |
| 23.907 | 1.021 | 14.712 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 125.292 | 19.678 | 282.233 | 41841.641 | 46575.688 | 30.546 | 31.671 |
| 23.900 | 1.021 | 14.716 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 125.263 | 19.681 | 282.166 | 41842.984 | 46574.684 | 30.545 | 31.671 |
| 23.899 | 1.021 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 125.231 | 19.684 | 282.095 | 41868.891 | 46600.758 | 30.564 | 31.689 |
| 23.884 | 1.021 | 14.718 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 125.177 | 19.686 | 281.973 | 41799.508 | 46521.301 | 30.506 | 31.634 |
| 23.924 | 1.021 | 14.728 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 125.145 | 19.685 | 281.901 | 41859.270 | 46588.836 | 30.556 | 31.680 |
| 23.890 | 1.021 | 14.726 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 125.112 | 19.684 | 281.828 | 41831.145 | 46558.316 | 30.533 | 31.660 |
| 23.906 | 1.021 | 14.732 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 125.063 | 19.683 | 281.716 | 41857.918 | 46589.406 | 30.556 | 31.681 |
| 23.890 | 1.021 | 14.742 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 125.035 | 19.681 | 281.653 | 41826.625 | 46556.813 | 30.532 | 31.659 |
| 23.908 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 125.001 | 19.682 | 281.577 | 41826.219 | 46554.813 | 30.531 | 31.657 |
| 23.908 | 1.021 | 14.732 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 124.968 | 19.680 | 281.504 | 41790.270 | 46516.781 | 30.503 | 31.631 |
| 23.929 | 1.021 | 14.737 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 124.944 | 19.679 | 281.449 | 41833.539 | 46565.645 | 30.538 | 31.665 |
| 23.904 | 1.021 | 14.730 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 124.908 | 19.679 | 281.366 | 41825.496 | 46557.461 | 30.532 | 31.659 |
| 23.909 | 1.021 | 14.732 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 124.894 | 19.679 | 281.335 | 41831.973 | 46563.898 | 30.537 | 31.663 |
| 23.905 | 1.021 | 14.727 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 124.870 | 19.683 | 281.283 | 41839.203 | 46568.832 | 30.541 | 31.667 |
| 23.901 | 1.021 | 14.721 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 124.849 | 19.681 | 281.236 | 41824.906 | 46554.383 | 30.530 | 31.657 |
| 23.909 | 1.021 | 14.720 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 124.835 | 19.680 | 281.204 | 41835.453 | 46567.160 | 30.539 | 31.666 |
| 23.903 | 1.021 | 14.723 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 124.826 | 19.680 | 281.183 | 41831.047 | 46562.082 | 30.536 | 31.662 |
| 23.906 | 1.021 | 14.716 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 124.820 | 19.678 | 281.170 | 41807.059 | 46537.367 | 30.518 | 31.645 |
| 23.919 | 1.021 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 124.816 | 19.680 | 281.161 | 41788.168 | 46514.867 | 30.501 | 31.630 |
| 23.930 | 1.021 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 124.819 | 19.681 | 281.166 | 41827.426 | 46557.801 | 30.533 | 31.659 |
| 23.908 | 1.021 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 124.826 | 19.683 | 281.184 | 41841.766 | 46571.777 | 30.543 | 31.669 |
| 23.900 | 1.021 | 14.714 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 124.825 | 19.684 | 281.181 | 41847.203 | 46576.711 | 30.547 | 31.672 |
| 23.896 | 1.021 | 14.723 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 124.841 | 19.684 | 281.218 | 41790.844 | 46513.539 | 30.500 | 31.629 |
| 23.929 | 1.021 | 14.721 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 124.859 | 19.684 | 281.257 | 41813.051 | 46538.434 | 30.519 | 31.646 |
| 23.916 | 1.021 | 14.715 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 124.869 | 19.678 | 281.280 | 41822.344 | 46554.730 | 30.530 | 31.657 |
| 23.911 | 1.021 | 14.724 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 124.892 | 19.683 | 281.332 | 41816.848 | 46543.785 | 30.523 | 31.650 |
| 23.914 | 1.021 | 14.718 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 124.899 | 19.679 | 281.348 | 41812.270 | 46542.398 | 30.521 | 31.649 |
| 23.916 | 1.021 | 14.732 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 124.924 | 19.680 | 281.404 | 41834.539 | 46565.801 | 30.539 | 31.665 |
| 23.904 | 1.021 | 14.728 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 124.946 | 19.682 | 281.454 | 41821.141 | 46549.340 | 30.527 | 31.654 |
| 23.911 | 1.021 | 14.731 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 124.967 | 19.682 | 281.500 | 41839.043 | 46569.352 | 30.541 | 31.667 |
| 23.901 | 1.021 | 14.735 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 124.996 | 19.680 | 281.566 | 41831.090 | 46562.742 | 30.536 | 31.663 |
| 23.906 | 1.021 | 14.736 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 125.016 | 19.679 | 281.611 | 41846.645 | 46581.184 | 30.550 | 31.675 |
| 23.897 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 125.041 | 19.681 | 281.666 | 41809.996 | 46538.305 | 30.518 | 31.646 |
| 23.918 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 125.072 | 19.681 | 281.737 | 41833.199 | 46564.227 | 30.537 | 31.664 |
| 23.904 | 1.021 | 14.731 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 125.082 | 19.680 | 281.760 | 41832.633 | 46563.758 | 30.537 | 31.663 |
| 23.905 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 125.102 | 19.678 | 281.804 | 41845.867 | 46580.656 | 30.549 | 31.675 |
| 23.897 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 125.116 | 19.680 | 281.836 | 41802.230 | 46530.617 | 30.513 | 31.641 |
| 23.922 | 1.021 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 125.132 | 19.677 | 281.873 | 41786.809 | 46516.297 | 30.502 | 31.631 |
| 23.931 | 1.021 | 14.734 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 125.154 | 19.678 | 281.922 | 41817.070 | 46548.941 | 30.526 | 31.653 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23.914 | 1.021 | 14.728 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 125.161 | 19.680 | 281.938 | 41821.359 | 46551.473 | 30.528 | 31.655 |
| 23.911 | 1.021 | 14.735 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 125.162 | 19.679 | 281.941 | 41804.738 | 46533.832 | 30.515 | 31.643 |
| 23.921 | 1.021 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 125.171 | 19.678 | 281.959 | 41847.742 | 46583.086 | 30.551 | 31.677 |
| 23.896 | 1.021 | 14.743 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 125.175 | 19.677 | 281.969 | 41793.957 | 46523.988 | 30.508 | 31.636 |
| 23.927 | 1.021 | 14.741 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 125.167 | 19.680 | 281.951 | 41791.180 | 46517.617 | 30.503 | 31.632 |
| 23.928 | 1.021 | 14.750 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 125.166 | 19.677 | 281.949 | 41799.918 | 46530.449 | 30.513 | 31.641 |
| 23.923 | 1.021 | 14.753 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 125.156 | 19.677 | 281.927 | 41818.645 | 46551.387 | 30.528 | 31.655 |
| 23.913 | 1.021 | 14.761 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 125.139 | 19.679 | 281.887 | 41843.191 | 46576.551 | 30.546 | 31.672 |
| 23.899 | 1.021 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 125.139 | 19.678 | 281.887 | 41822.156 | 46554.266 | 30.530 | 31.657 |
| 23.911 | 1.021 | 14.756 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 125.120 | 19.679 | 281.845 | 41836.113 | 46569.461 | 30.541 | 31.667 |
| 23.903 | 1.021 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 125.116 | 19.679 | 281.835 | 41830.152 | 46562.039 | 30.536 | 31.662 |
| 23.906 | 1.021 | 14.762 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 125.092 | 19.680 | 281.781 | 41821.594 | 46551.824 | 30.528 | 31.655 |
| 23.911 | 1.021 | 14.764 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 125.085 | 19.680 | 281.765 | 41819.527 | 46549.773 | 30.527 | 31.654 |
| 23.912 | 1.021 | 14.760 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 125.064 | 19.680 | 281.719 | 41815.391 | 46544.742 | 30.523 | 31.650 |
| 23.915 | 1.021 | 14.754 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 125.035 | 19.680 | 281.654 | 41877.340 | 46613.875 | 30.574 | 31.697 |
| 23.879 | 1.021 | 14.763 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 125.042 | 19.681 | 281.670 | 41827.754 | 46557.988 | 30.533 | 31.659 |
| 23.908 | 1.021 | 14.748 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 125.011 | 19.684 | 281.598 | 41799.988 | 46523.465 | 30.508 | 31.636 |
| 23.923 | 1.021 | 14.763 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 125.000 | 19.680 | 281.574 | 41795.742 | 46522.617 | 30.507 | 31.635 |
| 23.926 | 1.021 | 14.759 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 124.984 | 19.682 | 281.539 | 41792.961 | 46518.398 | 30.504 | 31.633 |
| 23.927 | 1.021 | 14.755 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 124.984 | 19.682 | 281.539 | 41816.195 | 46543.836 | 30.523 | 31.650 |
| 23.914 | 1.021 | 14.753 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 124.978 | 19.682 | 281.526 | 41823.430 | 46552.313 | 30.529 | 31.656 |
| 23.910 | 1.021 | 14.738 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 124.972 | 19.679 | 281.512 | 41824.961 | 46556.258 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.746 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 124.969 | 19.678 | 281.506 | 41812.176 | 46542.973 | 30.522 | 31.649 |
| 23.916 | 1.021 | 14.747 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 124.965 | 19.680 | 281.496 | 41824.105 | 46554.355 | 30.530 | 31.657 |
| 23.910 | 1.021 | 14.753 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 124.972 | 19.680 | 281.512 | 41814.258 | 46543.660 | 30.522 | 31.650 |
| 23.915 | 1.021 | 14.756 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 124.987 | 19.678 | 281.546 | 41830.105 | 46563.113 | 30.536 | 31.663 |
| 23.906 | 1.021 | 14.744 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 125.006 | 19.679 | 281.587 | 41822.121 | 46553.621 | 30.530 | 31.656 |
| 23.911 | 1.021 | 14.750 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 125.010 | 19.684 | 281.598 | 41824.160 | 46550.973 | 30.528 | 31.655 |
| 23.910 | 1.021 | 14.751 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 125.048 | 19.680 | 281.684 | 41829.801 | 46560.867 | 30.535 | 31.661 |
| 23.906 | 1.021 | 14.735 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 125.053 | 19.679 | 281.695 | 41847.289 | 46580.949 | 30.550 | 31.675 |
| 23.896 | 1.021 | 14.743 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 125.087 | 19.680 | 281.770 | 41837.063 | 46568.609 | 30.541 | 31.667 |
| 23.902 | 1.021 | 14.732 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 125.115 | 19.678 | 281.834 | 41839.910 | 46574.105 | 30.544 | 31.670 |
| 23.901 | 1.021 | 14.733 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 125.137 | 19.677 | 281.884 | 41817.207 | 46550.137 | 30.527 | 31.654 |
| 23.914 | 1.021 | 14.732 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 125.192 | 19.678 | 282.007 | 41817.684 | 46549.887 | 30.527 | 31.654 |
| 23.913 | 1.021 | 14.718 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 125.221 | 19.679 | 282.072 | 41825.988 | 46558.008 | 30.533 | 31.659 |
| 23.909 | 1.021 | 14.723 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 125.262 | 19.679 | 282.165 | 41816.668 | 46547.367 | 30.525 | 31.652 |
| 23.914 | 1.021 | 14.713 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 125.277 | 19.680 | 282.198 | 41844.266 | 46576.629 | 30.546 | 31.672 |
| 23.898 | 1.021 | 14.720 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 125.333 | 19.679 | 282.325 | 41844.523 | 46578.465 | 30.548 | 31.673 |
| 23.898 | 1.021 | 14.709 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 125.362 | 19.678 | 282.391 | 41808.055 | 46538.824 | 30.519 | 31.646 |
| 23.919 | 1.021 | 14.704 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 125.420 | 19.676 | 282.521 | 41835.785 | 46571.156 | 30.542 | 31.668 |
| 23.903 | 1.021 | 14.686 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 125.446 | 19.678 | 282.579 | 41823.789 | 46556.082 | 30.531 | 31.658 |
| 23.910 | 1.021 | 14.707 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 125.476 | 19.676 | 282.646 | 41827.891 | 46563.137 | 30.536 | 31.663 |
| 23.907 | 1.021 | 14.704 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 125.501 | 19.675 | 282.703 | 41821.863 | 46556.941 | 30.532 | 31.659 |
| 23.911 | 1.021 | 14.714 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 125.539 | 19.679 | 282.789 | 41832.438 | 46564.922 | 30.538 | 31.664 |
| 23.905 | 1.021 | 14.693 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 125.572 | 19.679 | 282.863 | 41821.504 | 46552.676 | 30.529 | 31.656 |
| 23.911 | 1.021 | 14.701 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 125.585 | 19.679 | 282.893 | 41813.633 | 46543.730 | 30.522 | 31.650 |
| 23.916 | 1.021 | 14.696 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 125.603 | 19.677 | 282.933 | 41849.309 | 46585.168 | 30.553 | 31.678 |
| 23.895 | 1.021 | 14.702 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 125.615 | 19.681 | 282.959 | 41826.617 | 46556.289 | 30.532 | 31.658 |
| 23.908 | 1.021 | 14.699 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 125.632 | 19.679 | 282.999 | 41851.809 | 46586.574 | 30.554 | 31.679 |
| 23.894 | 1.021 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 125.631 | 19.680 | 282.996 | 41814.027 | 46543.566 | 30.522 | 31.650 |
| 23.915 | 1.021 | 14.708 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 125.634 | 19.680 | 283.003 | 41810.996 | 46540.191 | 30.520 | 31.647 |
| 23.917 | 1.021 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 125.632 | 19.680 | 282.998 | 41804.629 | 46532.586 | 30.514 | 31.642 |
| 23.921 | 1.021 | 14.705 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 125.630 | 19.678 | 282.993 | 41832.875 | 46566.535 | 30.539 | 31.665 |
| 23.905 | 1.021 | 14.700 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 125.620 | 19.678 | 282.972 | 41832.977 | 46566.473 | 30.539 | 31.665 |
| 23.905 | 1.021 | 14.702 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 125.602 | 19.678 | 282.930 | 41819.762 | 46551.504 | 30.528 | 31.655 |
| 23.912 | 1.021 | 14.700 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 125.576 | 19.679 | 282.872 | 41833.387 | 46565.977 | 30.539 | 31.665 |
| 23.904 | 1.021 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 125.555 | 19.680 | 282.824 | 41836.160 | 46567.605 | 30.540 | 31.666 |
| 23.903 | 1.021 | 14.709 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 125.520 | 19.681 | 282.746 | 41826.648 | 46556.758 | 30.532 | 31.659 |
| 23.908 | 1.021 | 14.711 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 125.491 | 19.682 | 282.681 | 41785.258 | 46509.566 | 30.497 | 31.627 |
| 23.932 | 1.021 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 125.448 | 19.681 | 282.583 | 41815.688 | 46544.641 | 30.523 | 31.650 |
| 23.914 | 1.021 | 14.719 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 125.416 | 19.680 | 282.513 | 41823.672 | 46554.227 | 30.530 | 31.657 |
| 23.910 | 1.021 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 125.356 | 19.679 | 282.376 | 41800.004 | 46528.402 | 30.511 | 31.639 |
| 23.923 | 1.021 | 14.727 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 125.322 | 19.680 | 282.299 | 41836.016 | 46567.879 | 30.540 | 31.666 |
| 23.903 | 1.021 | 14.724 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 125.276 | 19.683 | 282.196 | 41835.629 | 46564.688 | 30.538 | 31.664 |
| 23.903 | 1.021 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 125.228 | 19.684 | 282.088 | 41826.449 | 46553.613 | 30.530 | 31.656 |
| 23.908 | 1.021 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 125.188 | 19.680 | 281.997 | 41808.410 | 46537.238 | 30.518 | 31.645 |
| 23.919 | 1.021 | 14.720 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/8/2017 11:00:00 AM | 306000.000 | 125.130 | 19.680 | 281.866 | 41797.785 | 46524.891 | 30.509 | 31.637 |
| 23.925 | 1.021 | 14.724 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 125.080 | 19.679 | 281.756 | 41814.145 | 46544.484 | 30.523 | 31.650 |
| 23.915 | 1.021 | 14.729 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 125.050 | 19.683 | 281.687 | 41821.902 | 46549.668 | 30.527 | 31.654 |
| 23.911 | 1.021 | 14.715 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 125.014 | 19.683 | 281.606 | 41842.906 | 46572.270 | 30.543 | 31.669 |
| 23.899 | 1.021 | 14.700 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 124.968 | 19.682 | 281.503 | 41853.379 | 46585.391 | 30.553 | 31.678 |
| 23.893 | 1.021 | 14.709 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 124.914 | 19.682 | 281.380 | 41824.707 | 46553.309 | 30.529 | 31.656 |
| 23.909 | 1.021 | 14.710 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 124.892 | 19.682 | 281.330 | 41839.172 | 46569.055 | 30.541 | 31.667 |
| 23.901 | 1.021 | 14.701 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 124.862 | 19.684 | 281.265 | 41802.273 | 46526.355 | 30.510 | 31.638 |
| 23.922 | 1.021 | 14.697 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 124.841 | 19.681 | 281.216 | 41797.688 | 46524.000 | 30.508 | 31.636 |
| 23.925 | 1.021 | 14.701 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 124.821 | 19.682 | 281.171 | 41802.184 | 46527.977 | 30.511 | 31.639 |
| 23.922 | 1.021 | 14.690 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 124.803 | 19.683 | 281.132 | 41837.184 | 46566.156 | 30.539 | 31.665 |
| 23.902 | 1.021 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 124.790 | 19.681 | 281.102 | 41814.734 | 46542.805 | 30.522 | 31.649 |
| 23.915 | 1.021 | 14.688 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 124.776 | 19.680 | 281.070 | 41816.848 | 46546.109 | 30.524 | 31.651 |
| 23.914 | 1.021 | 14.683 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 124.784 | 19.683 | 281.088 | 41817.191 | 46544.078 | 30.523 | 31.650 |
| 23.914 | 1.021 | 14.676 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 124.777 | 19.682 | 281.072 | 41827.895 | 46556.941 | 30.532 | 31.659 |
| 23.907 | 1.021 | 14.685 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 124.776 | 19.679 | 281.070 | 41834.773 | 46567.180 | 30.539 | 31.666 |
| 23.904 | 1.021 | 14.694 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 124.802 | 19.680 | 281.128 | 41829.039 | 46560.203 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.684 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 124.810 | 19.679 | 281.147 | 41838.996 | 46571.965 | 30.543 | 31.669 |
| 23.901 | 1.021 | 14.686 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 124.839 | 19.680 | 281.213 | 41825.238 | 46555.527 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.683 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 124.847 | 19.680 | 281.231 | 41843.055 | 46576.059 | 30.546 | 31.672 |
| 23.899 | 1.021 | 14.689 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 124.876 | 19.680 | 281.295 | 41818.715 | 46548.785 | 30.526 | 31.653 |
| 23.913 | 1.021 | 14.691 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 124.908 | 19.680 | 281.367 | 41819.008 | 46549.375 | 30.526 | 31.654 |
| 23.913 | 1.021 | 14.695 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 124.933 | 19.681 | 281.423 | 41794.387 | 46520.508 | 30.505 | 31.634 |
| 23.927 | 1.021 | 14.686 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 124.971 | 19.680 | 281.510 | 41827.520 | 46558.422 | 30.533 | 31.660 |
| 23.908 | 1.021 | 14.684 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 124.996 | 19.681 | 281.565 | 41859.410 | 46592.625 | 30.558 | 31.683 |
| 23.889 | 1.021 | 14.687 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 125.036 | 19.679 | 281.656 | 41845.348 | 46579.035 | 30.548 | 31.674 |
| 23.898 | 1.021 | 14.689 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 125.055 | 19.678 | 281.698 | 41818.480 | 46550.336 | 30.527 | 31.654 |
| 23.913 | 1.021 | 14.693 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 125.100 | 19.677 | 281.800 | 41827.320 | 46561.395 | 30.535 | 31.662 |
| 23.908 | 1.021 | 14.686 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 125.123 | 19.677 | 281.851 | 41820.688 | 46553.406 | 30.529 | 31.656 |
| 23.912 | 1.021 | 14.689 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 125.155 | 19.680 | 281.924 | 41845.934 | 46578.918 | 30.548 | 31.674 |
| 23.897 | 1.021 | 14.687 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 125.175 | 19.680 | 281.968 | 41815.828 | 46545.836 | 30.524 | 31.651 |
| 23.914 | 1.021 | 14.696 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 125.196 | 19.679 | 282.017 | 41838.434 | 46571.254 | 30.542 | 31.668 |
| 23.901 | 1.021 | 14.703 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 125.215 | 19.679 | 282.060 | 41853.090 | 46587.910 | 30.555 | 31.680 |
| 23.893 | 1.021 | 14.704 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 125.245 | 19.678 | 282.126 | 41806.852 | 46537.227 | 30.518 | 31.645 |
| 23.920 | 1.021 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 125.252 | 19.678 | 282.142 | 41804.520 | 46534.539 | 30.516 | 31.643 |
| 23.921 | 1.021 | 14.704 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 125.260 | 19.678 | 282.160 | 41821.828 | 46554.500 | 30.530 | 31.657 |
| 23.911 | 1.021 | 14.711 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 125.279 | 19.677 | 282.204 | 41835.859 | 46570.551 | 30.542 | 31.668 |
| 23.903 | 1.021 | 14.702 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 125.278 | 19.679 | 282.201 | 41821.125 | 46552.594 | 30.529 | 31.656 |
| 23.911 | 1.021 | 14.705 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 125.288 | 19.677 | 282.224 | 41834.059 | 46568.191 | 30.540 | 31.666 |
| 23.904 | 1.021 | 14.703 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 125.284 | 19.680 | 282.215 | 41846.336 | 46579.527 | 30.549 | 31.674 |
| 23.897 | 1.021 | 14.706 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 125.279 | 19.680 | 282.204 | 41809.902 | 46538.637 | 30.519 | 31.646 |
| 23.918 | 1.021 | 14.710 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 125.267 | 19.679 | 282.177 | 41824.422 | 46556.000 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 125.256 | 19.680 | 282.152 | 41851.973 | 46585.887 | 30.553 | 31.678 |
| 23.894 | 1.021 | 14.714 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 125.253 | 19.683 | 282.145 | 41823.934 | 46551.234 | 30.528 | 31.655 |
| 23.910 | 1.021 | 14.718 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 125.226 | 19.681 | 282.083 | 41812.305 | 46540.969 | 30.520 | 31.648 |
| 23.916 | 1.021 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 125.214 | 19.679 | 282.058 | 41836.684 | 46569.391 | 30.541 | 31.667 |
| 23.902 | 1.021 | 14.717 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 125.200 | 19.680 | 282.026 | 41834.066 | 46566.055 | 30.539 | 31.665 |
| 23.904 | 1.021 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 125.192 | 19.678 | 282.007 | 41832.547 | 46565.910 | 30.538 | 31.665 |
| 23.905 | 1.021 | 14.716 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 125.171 | 19.679 | 281.961 | 41839.559 | 46573.195 | 30.544 | 31.670 |
| 23.901 | 1.021 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 125.151 | 19.678 | 281.914 | 41827.793 | 46561.051 | 30.535 | 31.662 |
| 23.908 | 1.021 | 14.719 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 125.130 | 19.679 | 281.867 | 41821.367 | 46552.184 | 30.528 | 31.655 |
| 23.911 | 1.021 | 14.725 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 125.115 | 19.677 | 281.834 | 41792.992 | 46522.914 | 30.507 | 31.636 |
| 23.927 | 1.021 | 14.728 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 125.098 | 19.677 | 281.795 | 41841.336 | 46576.555 | 30.546 | 31.672 |
| 23.900 | 1.021 | 14.733 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 125.093 | 19.676 | 281.784 | 41830.773 | 46565.668 | 30.538 | 31.665 |
| 23.906 | 1.021 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 125.081 | 19.680 | 281.758 | 41820.934 | 46550.656 | 30.527 | 31.654 |
| 23.911 | 1.021 | 14.727 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 125.079 | 19.681 | 281.753 | 41818.383 | 46547.465 | 30.525 | 31.652 |
| 23.913 | 1.021 | 14.720 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 125.076 | 19.681 | 281.745 | 41834.543 | 46565.723 | 30.538 | 31.665 |
| 23.904 | 1.021 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 125.073 | 19.677 | 281.740 | 41816.793 | 46549.070 | 30.526 | 31.653 |
| 23.914 | 1.021 | 14.721 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 125.083 | 19.680 | 281.762 | 41804.797 | 46533.293 | 30.515 | 31.643 |
| 23.921 | 1.021 | 14.722 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 125.101 | 19.681 | 281.803 | 41825.211 | 46554.559 | 30.530 | 31.657 |
| 23.909 | 1.021 | 14.710 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 125.097 | 19.679 | 281.793 | 41805.750 | 46535.215 | 30.516 | 31.644 |
| 23.920 | 1.021 | 14.722 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 125.122 | 19.680 | 281.849 | 41815.035 | 46544.770 | 30.523 | 31.650 |
| 23.915 | 1.021 | 14.723 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 125.127 | 19.680 | 281.861 | 41838.363 | 46570.059 | 30.542 | 31.668 |
| 23.902 | 1.021 | 14.736 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 125.148 | 19.679 | 281.908 | 41816.051 | 46546.605 | 30.524 | 31.652 |
| 23.914 | 1.021 | 14.740 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 125.173 | 19.679 | 281.965 | 41829.125 | 46560.977 | 30.535 | 31.661 |
| 23.907 | 1.021 | 14.739 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 125.201 | 19.679 | 282.027 | 41814.133 | 46544.637 | 30.523 | 31.650 |
| 23.915 | 1.021 | 14.746 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 125.241 | 19.680 | 282.118 | 41805.215 | 46533.938 | 30.515 | 31.643 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23.920 | 1.021 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 125.269 | 19.680 | 282.181 | 41828.758 | 46559.891 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.739 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 125.303 | 19.680 | 282.257 | 41843.215 | 46576.055 | 30.546 | 31.672 |
| 23.899 | 1.021 | 14.737 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 125.341 | 19.678 | 282.344 | 41849.945 | 46585.199 | 30.553 | 31.678 |
| 23.895 | 1.021 | 14.738 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 125.373 | 19.681 | 282.415 | 41839.770 | 46571.445 | 30.543 | 31.669 |
| 23.901 | 1.021 | 14.748 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 125.409 | 19.680 | 282.496 | 41831.203 | 46562.684 | 30.536 | 31.663 |
| 23.906 | 1.021 | 14.751 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 125.459 | 19.682 | 282.608 | 41819.574 | 46547.680 | 30.525 | 31.652 |
| 23.912 | 1.021 | 14.741 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 125.493 | 19.680 | 282.684 | 41835.715 | 46567.188 | 30.540 | 31.666 |
| 23.903 | 1.021 | 14.738 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 125.526 | 19.680 | 282.759 | 41831.297 | 46563.055 | 30.536 | 31.663 |
| 23.906 | 1.021 | 14.750 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 125.561 | 19.681 | 282.839 | 41837.547 | 46568.887 | 30.541 | 31.667 |
| 23.902 | 1.021 | 14.746 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 125.592 | 19.681 | 282.909 | 41807.563 | 46534.738 | 30.516 | 31.644 |
| 23.919 | 1.021 | 14.741 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 125.615 | 19.680 | 282.961 | 41843.129 | 46575.797 | 30.546 | 31.672 |
| 23.899 | 1.021 | 14.750 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 125.640 | 19.681 | 283.017 | 41865.672 | 46600.371 | 30.564 | 31.688 |
| 23.886 | 1.021 | 14.754 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 125.662 | 19.681 | 283.065 | 41794.398 | 46520.426 | 30.505 | 31.634 |
| 23.927 | 1.021 | 14.749 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 125.677 | 19.681 | 283.100 | 41808.836 | 46536.590 | 30.517 | 31.645 |
| 23.918 | 1.021 | 14.754 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 125.684 | 19.682 | 283.116 | 41840.762 | 46571.348 | 30.543 | 31.669 |
| 23.900 | 1.021 | 14.761 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 125.697 | 19.681 | 283.144 | 41828.293 | 46557.898 | 30.533 | 31.659 |
| 23.907 | 1.021 | 14.760 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 125.691 | 19.680 | 283.131 | 41834.688 | 46566.563 | 30.539 | 31.665 |
| 23.904 | 1.021 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 125.687 | 19.679 | 283.121 | 41818.156 | 46549.117 | 30.526 | 31.653 |
| 23.913 | 1.021 | 14.766 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 125.681 | 19.682 | 283.109 | 41798.426 | 46524.297 | 30.508 | 31.637 |
| 23.924 | 1.021 | 14.765 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 125.666 | 19.681 | 283.076 | 41861.270 | 46595.035 | 30.560 | 31.685 |
| 23.888 | 1.021 | 14.769 | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 125.645 | 19.680 | 283.028 | 41836.676 | 46568.777 | 30.541 | 31.667 |
| 23.902 | 1.021 | 14.775 | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 125.619 | 19.683 | 282.968 | 41838.164 | 46567.770 | 30.540 | 31.666 |
| 23.902 | 1.021 | 14.771 | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 125.585 | 19.684 | 282.893 | 41838.352 | 46566.859 | 30.539 | 31.665 |
| 23.902 | 1.021 | 14.779 | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 125.549 | 19.682 | 282.812 | 41834.906 | 46564.828 | 30.538 | 31.664 |
| 23.903 | 1.021 | 14.786 | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 125.506 | 19.681 | 282.714 | 41828.766 | 46559.020 | 30.534 | 31.660 |
| 23.907 | 1.021 | 14.787 | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 125.469 | 19.681 | 282.630 | 41809.590 | 46537.246 | 30.518 | 31.645 |
| 23.918 | 1.021 | 14.790 | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 125.415 | 19.681 | 282.509 | 41828.180 | 46557.863 | 30.533 | 31.659 |
| 23.907 | 1.021 | 14.796 | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 125.365 | 19.682 | 282.397 | 41835.746 | 46565.840 | 30.539 | 31.665 |
| 23.903 | 1.021 | 14.796 | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 125.299 | 19.683 | 282.248 | 41832.512 | 46561.387 | 30.535 | 31.662 |
| 23.905 | 1.021 | 14.803 | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 125.261 | 19.682 | 282.164 | 41786.633 | 46510.668 | 30.498 | 31.627 |
| 23.931 | 1.021 | 14.799 | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 125.190 | 19.686 | 282.003 | 41852.633 | 46580.770 | 30.550 | 31.675 |
| 23.893 | 1.021 | 14.804 | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 125.139 | 19.683 | 281.888 | 41808.527 | 46534.262 | 30.516 | 31.643 |
| 23.919 | 1.021 | 14.794 | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 125.084 | 19.682 | 281.763 | 41843.273 | 46574.398 | 30.545 | 31.671 |
| 23.899 | 1.021 | 14.784 | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 125.041 | 19.683 | 281.667 | 41828.527 | 46556.863 | 30.532 | 31.659 |
| 23.907 | 1.021 | 14.781 | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 124.992 | 19.682 | 281.557 | 41796.531 | 46521.512 | 30.506 | 31.635 |
| 23.925 | 1.021 | 14.773 | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 124.932 | 19.683 | 281.423 | 41805.215 | 46531.098 | 30.513 | 31.641 |
| 23.920 | 1.021 | 14.777 | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 124.886 | 19.683 | 281.317 | 41843.742 | 46573.977 | 30.545 | 31.670 |
| 23.898 | 1.021 | 14.782 | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 124.837 | 19.684 | 281.207 | 41812.832 | 46538.363 | 30.519 | 31.646 |
| 23.916 | 1.021 | 14.772 | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 124.804 | 19.682 | 281.134 | 41839.734 | 46569.598 | 30.541 | 31.667 |
| 23.901 | 1.021 | 14.768 | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 124.768 | 19.681 | 281.052 | 41825.742 | 46555.316 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.768 | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 124.738 | 19.678 | 280.984 | 41834.953 | 46568.672 | 30.540 | 31.667 |
| 23.903 | 1.021 | 14.773 | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 124.696 | 19.682 | 280.890 | 41802.391 | 46528.555 | 30.511 | 31.639 |
| 23.922 | 1.021 | 14.785 | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 124.675 | 19.679 | 280.843 | 41797.160 | 46525.652 | 30.509 | 31.637 |
| 23.925 | 1.021 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 124.670 | 19.683 | 280.830 | 41853.141 | 46584.348 | 30.552 | 31.677 |
| 23.893 | 1.021 | 14.780 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 124.646 | 19.681 | 280.778 | 41814.340 | 46542.461 | 30.521 | 31.649 |
| 23.915 | 1.021 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 124.641 | 19.681 | 280.765 | 41848.621 | 46580.875 | 30.550 | 31.675 |
| 23.896 | 1.021 | 14.779 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 124.643 | 19.679 | 280.770 | 41839.027 | 46572.094 | 30.543 | 31.669 |
| 23.901 | 1.021 | 14.776 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 124.645 | 19.677 | 280.774 | 41820.738 | 46553.977 | 30.530 | 31.657 |
| 23.912 | 1.021 | 14.779 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 124.664 | 19.680 | 280.818 | 41835.813 | 46567.742 | 30.540 | 31.666 |
| 23.903 | 1.021 | 14.776 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 124.670 | 19.679 | 280.831 | 41825.883 | 46557.461 | 30.532 | 31.659 |
| 23.909 | 1.021 | 14.778 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 124.694 | 19.677 | 280.886 | 41795.980 | 46526.324 | 30.509 | 31.638 |
| 23.926 | 1.021 | 14.782 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 124.718 | 19.677 | 280.939 | 41857.859 | 46594.867 | 30.560 | 31.685 |
| 23.890 | 1.021 | 14.775 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 124.744 | 19.678 | 280.997 | 41817.320 | 46549.137 | 30.526 | 31.653 |
| 23.914 | 1.021 | 14.779 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 124.778 | 19.678 | 281.075 | 41863.145 | 46599.891 | 30.563 | 31.688 |
| 23.887 | 1.021 | 14.776 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 124.814 | 19.677 | 281.156 | 41816.574 | 46549.340 | 30.526 | 31.654 |
| 23.914 | 1.021 | 14.773 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 124.854 | 19.677 | 281.247 | 41812.004 | 46543.996 | 30.522 | 31.650 |
| 23.917 | 1.021 | 14.770 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 124.893 | 19.675 | 281.333 | 41812.094 | 46545.824 | 30.524 | 31.651 |
| 23.917 | 1.021 | 14.765 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 124.927 | 19.676 | 281.410 | 41823.535 | 46558.289 | 30.533 | 31.660 |
| 23.910 | 1.021 | 14.769 | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 124.961 | 19.679 | 281.487 | 41817.867 | 46548.793 | 30.526 | 31.653 |
| 23.913 | 1.021 | 14.773 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 124.999 | 19.677 | 281.572 | 41844.691 | 46580.125 | 30.549 | 31.674 |
| 23.898 | 1.021 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 125.037 | 19.681 | 281.657 | 41803.922 | 46531.543 | 30.513 | 31.641 |
| 23.921 | 1.021 | 14.777 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 125.071 | 19.680 | 281.734 | 41808.805 | 46537.234 | 30.518 | 31.645 |
| 23.918 | 1.021 | 14.774 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 125.133 | 19.681 | 281.874 | 41800.340 | 46527.473 | 30.510 | 31.639 |
| 23.923 | 1.021 | 14.779 | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 125.134 | 19.678 | 281.877 | 41852.332 | 46587.590 | 30.554 | 31.680 |
| 23.894 | 1.021 | 14.778 | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 125.170 | 19.679 | 281.959 | 41831.672 | 46564.516 | 30.537 | 31.664 |
| 23.905 | 1.021 | 14.775 | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 125.200 | 19.680 | 282.024 | 41835.305 | 46566.652 | 30.539 | 31.665 |
| 23.903 | 1.021 | 14.777 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/9/2017 8:15:00 PM | 425700.000 | 125.209 | 19.681 | 282.045 | 41814.563 | 46542.781 | 30.522 | 31.649 |
| 23.915 | 1.021 | 14.786 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 125.228 | 19.679 | 282.089 | 41847.113 | 46580.844 | 30.549 | 31.675 |
| 23.897 | 1.021 | 14.782 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 125.256 | 19.681 | 282.152 | 41795.594 | 46522.098 | 30.507 | 31.635 |
| 23.926 | 1.021 | 14.774 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 125.262 | 19.683 | 282.164 | 41862.344 | 46593.902 | 30.559 | 31.684 |
| 23.888 | 1.021 | 14.783 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 125.265 | 19.679 | 282.172 | 41816.668 | 46547.293 | 30.525 | 31.652 |
| 23.914 | 1.021 | 14.780 | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 125.275 | 19.678 | 282.195 | 41814.305 | 46546.035 | 30.524 | 31.651 |
| 23.915 | 1.021 | 14.771 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 125.280 | 19.678 | 282.205 | 41826.887 | 46559.348 | 30.534 | 31.660 |
| 23.908 | 1.021 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 125.277 | 19.676 | 282.200 | 41789.340 | 46520.223 | 30.505 | 31.634 |
| 23.930 | 1.021 | 14.775 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 125.259 | 19.678 | 282.157 | 41819.941 | 46552.313 | 30.529 | 31.656 |
| 23.912 | 1.021 | 14.779 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 125.248 | 19.680 | 282.133 | 41818.949 | 46548.527 | 30.526 | 31.653 |
| 23.913 | 1.021 | 14.785 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 125.241 | 19.678 | 282.118 | 41882.566 | 46621.590 | 30.579 | 31.703 |
| 23.876 | 1.021 | 14.780 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 125.230 | 19.679 | 282.092 | 41817.477 | 46548.531 | 30.526 | 31.653 |
| 23.913 | 1.021 | 14.776 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 125.204 | 19.680 | 282.035 | 41833.879 | 46565.664 | 30.538 | 31.665 |
| 23.904 | 1.021 | 14.783 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 125.195 | 19.679 | 282.014 | 41845.934 | 46580.211 | 30.549 | 31.675 |
| 23.897 | 1.021 | 14.772 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 125.179 | 19.682 | 281.978 | 41806.316 | 46532.840 | 30.514 | 31.642 |
| 23.920 | 1.021 | 14.769 | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 125.157 | 19.677 | 281.929 | 41829.176 | 46562.938 | 30.536 | 31.663 |
| 23.907 | 1.021 | 14.772 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 125.132 | 19.683 | 281.871 | 41847.543 | 46578.117 | 30.548 | 31.673 |
| 23.896 | 1.021 | 14.777 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 125.121 | 19.679 | 281.847 | 41811.680 | 46541.742 | 30.521 | 31.648 |
| 23.917 | 1.021 | 14.776 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 125.099 | 19.679 | 281.798 | 41791.711 | 46519.422 | 30.505 | 31.633 |
| 23.928 | 1.021 | 14.769 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 125.095 | 19.680 | 281.789 | 41851.938 | 46585.246 | 30.553 | 31.678 |
| 23.894 | 1.021 | 14.766 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 125.077 | 19.682 | 281.748 | 41801.742 | 46527.570 | 30.511 | 31.639 |
| 23.922 | 1.021 | 14.770 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 125.071 | 19.682 | 281.734 | 41833.332 | 46562.813 | 30.536 | 31.663 |
| 23.904 | 1.021 | 14.767 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 125.060 | 19.682 | 281.710 | 41825.902 | 46554.809 | 30.531 | 31.657 |
| 23.909 | 1.021 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 125.059 | 19.682 | 281.707 | 41824.746 | 46553.594 | 30.530 | 31.656 |
| 23.909 | 1.021 | 14.771 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 125.066 | 19.681 | 281.723 | 41792.047 | 46517.809 | 30.503 | 31.632 |
| 23.928 | 1.021 | 14.766 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 125.073 | 19.679 | 281.739 | 41855.672 | 46590.711 | 30.557 | 31.682 |
| 23.892 | 1.021 | 14.769 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 125.086 | 19.681 | 281.769 | 41814.137 | 46543.008 | 30.522 | 31.649 |
| 23.915 | 1.021 | 14.770 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 125.100 | 19.682 | 281.800 | 41804.758 | 46531.188 | 30.513 | 31.641 |
| 23.921 | 1.021 | 14.762 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 125.117 | 19.677 | 281.839 | 41810.152 | 46542.367 | 30.521 | 31.649 |
| 23.918 | 1.021 | 14.759 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 125.151 | 19.676 | 281.914 | 41816.520 | 46549.711 | 30.527 | 31.654 |
| 23.914 | 1.021 | 14.754 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 125.171 | 19.675 | 281.959 | 41850.723 | 46588.824 | 30.555 | 31.680 |
| 23.894 | 1.021 | 14.757 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 125.196 | 19.681 | 282.017 | 41872.871 | 46607.684 | 30.569 | 31.693 |
| 23.882 | 1.021 | 14.761 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 125.238 | 19.680 | 282.110 | 41845.684 | 46578.375 | 30.548 | 31.673 |
| 23.897 | 1.021 | 14.753 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 125.274 | 19.680 | 282.193 | 41823.727 | 46554.105 | 30.530 | 31.657 |
| 23.910 | 1.021 | 14.749 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 125.312 | 19.678 | 282.278 | 41816.086 | 46547.414 | 30.525 | 31.652 |
| 23.914 | 1.021 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 125.354 | 19.681 | 282.371 | 41817.875 | 46546.652 | 30.525 | 31.652 |
| 23.913 | 1.021 | 14.744 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 125.407 | 19.681 | 282.492 | 41810.742 | 46538.957 | 30.519 | 31.646 |
| 23.917 | 1.021 | 14.733 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 125.441 | 19.680 | 282.569 | 41821.754 | 46552.348 | 30.529 | 31.656 |
| 23.911 | 1.021 | 14.741 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 125.489 | 19.680 | 282.677 | 41848.477 | 46581.750 | 30.550 | 31.676 |
| 23.896 | 1.021 | 14.735 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 125.527 | 19.681 | 282.762 | 41792.262 | 46517.961 | 30.504 | 31.632 |
| 23.928 | 1.021 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 125.563 | 19.681 | 282.842 | 41856.121 | 46588.789 | 30.555 | 31.680 |
| 23.891 | 1.021 | 14.740 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 125.612 | 19.680 | 282.954 | 41804.219 | 46532.051 | 30.514 | 31.642 |
| 23.921 | 1.021 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 125.641 | 19.682 | 283.018 | 41823.699 | 46551.926 | 30.528 | 31.655 |
| 23.910 | 1.021 | 14.734 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 125.668 | 19.683 | 283.079 | 41875.848 | 46609.020 | 30.570 | 31.694 |
| 23.880 | 1.021 | 14.742 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 125.698 | 19.682 | 283.147 | 41837.938 | 46568.461 | 30.541 | 31.667 |
| 23.902 | 1.021 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 125.720 | 19.680 | 283.197 | 41829.199 | 46560.637 | 30.535 | 31.661 |
| 23.907 | 1.021 | 14.740 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 125.745 | 19.682 | 283.253 | 41853.563 | 46585.250 | 30.553 | 31.678 |
| 23.893 | 1.021 | 14.737 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 125.759 | 19.681 | 283.284 | 41842.391 | 46573.938 | 30.544 | 31.670 |
| 23.899 | 1.021 | 14.739 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 125.768 | 19.680 | 283.306 | 41834.137 | 46565.785 | 30.538 | 31.665 |
| 23.904 | 1.021 | 14.737 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 125.767 | 19.683 | 283.301 | 41836.531 | 46565.090 | 30.538 | 31.664 |
| 23.903 | 1.021 | 14.739 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 125.766 | 19.685 | 283.300 | 41829.434 | 46555.543 | 30.531 | 31.658 |
| 23.907 | 1.021 | 14.743 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 125.752 | 19.685 | 283.268 | 41831.293 | 46557.441 | 30.533 | 31.659 |
| 23.906 | 1.021 | 14.740 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 125.740 | 19.682 | 283.241 | 41852.309 | 46583.676 | 30.552 | 31.677 |
| 23.894 | 1.021 | 14.747 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 125.715 | 19.684 | 283.186 | 41836.133 | 46564.465 | 30.538 | 31.664 |
| 23.903 | 1.021 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 125.692 | 19.681 | 283.132 | 41818.770 | 46547.391 | 30.525 | 31.652 |
| 23.913 | 1.021 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 125.658 | 19.680 | 283.058 | 41826.621 | 46557.246 | 30.532 | 31.659 |
| 23.908 | 1.021 | 14.750 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 125.620 | 19.683 | 282.971 | 41866.109 | 46598.441 | 30.562 | 31.687 |
| 23.886 | 1.021 | 14.746 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 125.576 | 19.684 | 282.873 | 41840.590 | 46569.004 | 30.541 | 31.667 |
| 23.900 | 1.021 | 14.743 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 125.529 | 19.683 | 282.766 | 41808.559 | 46534.297 | 30.516 | 31.643 |
| 23.919 | 1.021 | 14.740 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 125.486 | 19.684 | 282.670 | 41820.004 | 46545.828 | 30.524 | 31.651 |
| 23.912 | 1.021 | 14.733 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 125.425 | 19.684 | 282.531 | 41815.734 | 46541.504 | 30.521 | 31.648 |
| 23.914 | 1.021 | 14.730 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 125.375 | 19.682 | 282.420 | 41816.238 | 46543.527 | 30.522 | 31.650 |
| 23.914 | 1.021 | 14.729 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 125.302 | 19.681 | 282.254 | 41807.945 | 46535.250 | 30.516 | 31.644 |
| 23.919 | 1.021 | 14.730 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 125.255 | 19.682 | 282.149 | 41847.535 | 46578.719 | 30.548 | 31.674 |
| 23.896 | 1.021 | 14.717 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 125.189 | 19.682 | 282.002 | 41823.328 | 46552.016 | 30.528 | 31.655 |
| 23.910 | 1.021 | 14.716 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 125.136 | 19.684 | 281.880 | 41826.559 | 46553.641 | 30.530 | 31.656 |
| 23.908 | 1.021 | 14.707 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 125.074 | 19.684 | 281.742 | 41831.426 | 46559.152 | 30.534 | 31.660 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23.905 | 1.021 | 14.700 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 125.012 | 19.683 | 281.602 | 41842.035 | 46572.078 | 30.543 | 31.669 |
| 23.899 | 1.021 | 14.708 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 124.968 | 19.680 | 281.504 | 41856.871 | 46591.258 | 30.557 | 31.682 |
| 23.891 | 1.021 | 14.696 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 124.914 | 19.681 | 281.380 | 41838.824 | 46570.051 | 30.542 | 31.668 |
| 23.901 | 1.021 | 14.698 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 124.861 | 19.682 | 281.262 | 41824.051 | 46552.227 | 30.529 | 31.656 |
| 23.910 | 1.021 | 14.694 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 124.820 | 19.681 | 281.169 | 41807.426 | 46535.266 | 30.516 | 31.644 |
| 23.919 | 1.021 | 14.689 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 124.791 | 19.680 | 281.103 | 41857.887 | 46592.387 | 30.558 | 31.683 |
| 23.890 | 1.021 | 14.677 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 124.742 | 19.682 | 280.994 | 41822.770 | 46550.977 | 30.528 | 31.655 |
| 23.910 | 1.021 | 14.688 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 124.713 | 19.683 | 280.928 | 41852.238 | 46583.344 | 30.551 | 31.677 |
| 23.894 | 1.021 | 14.683 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 124.686 | 19.682 | 280.868 | 41820.176 | 46548.691 | 30.526 | 31.653 |
| 23.912 | 1.021 | 14.681 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 124.667 | 19.683 | 280.825 | 41817.523 | 46544.102 | 30.523 | 31.650 |
| 23.913 | 1.021 | 14.679 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 124.671 | 19.678 | 280.834 | 41822.602 | 46554.668 | 30.530 | 31.657 |
| 23.911 | 1.021 | 14.671 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 124.662 | 19.680 | 280.814 | 41828.430 | 46559.863 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.666 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 124.671 | 19.679 | 280.834 | 41809.512 | 46538.898 | 30.519 | 31.646 |
| 23.918 | 1.021 | 14.664 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 124.676 | 19.677 | 280.844 | 41843.398 | 46578.684 | 30.548 | 31.674 |
| 23.899 | 1.021 | 14.663 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 124.692 | 19.680 | 280.880 | 41838.777 | 46570.777 | 30.542 | 31.668 |
| 23.901 | 1.021 | 14.666 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 124.700 | 19.682 | 280.900 | 41822.281 | 46550.430 | 30.527 | 31.654 |
| 23.911 | 1.021 | 14.662 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 124.745 | 19.681 | 281.001 | 41859.906 | 46593.953 | 30.559 | 31.684 |
| 23.889 | 1.021 | 14.640 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 124.765 | 19.680 | 281.046 | 41819.625 | 46550.063 | 30.527 | 31.654 |
| 23.912 | 1.021 | 14.647 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 124.809 | 19.681 | 281.145 | 41834.383 | 46565.363 | 30.538 | 31.664 |
| 23.904 | 1.021 | 14.637 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 124.836 | 19.680 | 281.205 | 41848.914 | 46582.582 | 30.551 | 31.676 |
| 23.895 | 1.021 | 14.649 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 124.873 | 19.679 | 281.289 | 41788.434 | 46516.387 | 30.502 | 31.631 |
| 23.930 | 1.021 | 14.648 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 124.918 | 19.678 | 281.390 | 41802.309 | 46532.250 | 30.514 | 31.642 |
| 23.922 | 1.021 | 14.644 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 124.965 | 19.677 | 281.496 | 41851.734 | 46588.727 | 30.555 | 31.680 |
| 23.894 | 1.021 | 14.638 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 125.007 | 19.678 | 281.590 | 41821.613 | 46554.172 | 30.530 | 31.657 |
| 23.911 | 1.021 | 14.639 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 125.064 | 19.678 | 281.719 | 41825.063 | 46557.406 | 30.532 | 31.659 |
| 23.909 | 1.021 | 14.625 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 125.098 | 19.677 | 281.796 | 41808.711 | 46540.676 | 30.520 | 31.648 |
| 23.918 | 1.021 | 14.628 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 125.156 | 19.677 | 281.926 | 41815.688 | 46548.180 | 30.525 | 31.653 |
| 23.914 | 1.021 | 14.617 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 125.196 | 19.676 | 282.016 | 41851.621 | 46589.648 | 30.556 | 31.681 |
| 23.894 | 1.021 | 14.624 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 125.245 | 19.673 | 282.128 | 41809.461 | 46545.469 | 30.523 | 31.651 |
| 23.918 | 1.021 | 14.617 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 125.270 | 19.677 | 282.184 | 41810.113 | 46542.055 | 30.521 | 31.649 |
| 23.918 | 1.021 | 14.616 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 125.309 | 19.675 | 282.271 | 41846.664 | 46584.469 | 30.552 | 31.677 |
| 23.897 | 1.021 | 14.619 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 125.359 | 19.677 | 282.384 | 41820.750 | 46553.641 | 30.529 | 31.656 |
| 23.912 | 1.021 | 14.607 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 125.378 | 19.676 | 282.426 | 41795.797 | 46526.980 | 30.510 | 31.638 |
| 23.926 | 1.021 | 14.612 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 125.399 | 19.677 | 282.473 | 41788.828 | 46518.023 | 30.503 | 31.632 |
| 23.930 | 1.021 | 14.635 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 125.403 | 19.677 | 282.483 | 41857.504 | 46594.555 | 30.559 | 31.684 |
| 23.891 | 1.021 | 14.649 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 125.420 | 19.679 | 282.521 | 41840.496 | 46574.074 | 30.544 | 31.670 |
| 23.900 | 1.021 | 14.644 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 125.415 | 19.680 | 282.509 | 41850.672 | 46584.191 | 30.552 | 31.677 |
| 23.894 | 1.021 | 14.659 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 125.433 | 19.682 | 282.550 | 41819.938 | 46547.824 | 30.525 | 31.653 |
| 23.912 | 1.021 | 14.652 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 125.439 | 19.683 | 282.563 | 41839.863 | 46568.801 | 30.541 | 31.667 |
| 23.901 | 1.021 | 14.645 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 125.426 | 19.680 | 282.534 | 41821.625 | 46552.207 | 30.529 | 31.656 |
| 23.911 | 1.021 | 14.655 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 125.415 | 19.680 | 282.509 | 41845.488 | 46578.246 | 30.548 | 31.673 |
| 23.897 | 1.021 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 125.409 | 19.680 | 282.496 | 41816.656 | 46546.758 | 30.525 | 31.652 |
| 23.914 | 1.021 | 14.660 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 125.402 | 19.678 | 282.481 | 41834.473 | 46567.883 | 30.540 | 31.666 |
| 23.904 | 1.021 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 125.382 | 19.675 | 282.435 | 41799.359 | 46531.988 | 30.514 | 31.642 |
| 23.924 | 1.021 | 14.657 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 125.365 | 19.676 | 282.396 | 41807.445 | 46540.211 | 30.520 | 31.647 |
| 23.919 | 1.021 | 14.660 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 125.352 | 19.679 | 282.368 | 41822.648 | 46553.520 | 30.529 | 31.656 |
| 23.910 | 1.021 | 14.651 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 125.317 | 19.681 | 282.289 | 41863.594 | 46597.539 | 30.562 | 31.686 |
| 23.887 | 1.021 | 14.657 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 125.301 | 19.682 | 282.252 | 41793.082 | 46518.012 | 30.504 | 31.632 |
| 23.927 | 1.021 | 14.661 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 125.285 | 19.680 | 282.216 | 41813.031 | 46541.863 | 30.521 | 31.648 |
| 23.916 | 1.021 | 14.657 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 125.268 | 19.680 | 282.178 | 41840.695 | 46573.434 | 30.544 | 31.670 |
| 23.900 | 1.021 | 14.652 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 125.240 | 19.678 | 282.115 | 41842.246 | 46576.445 | 30.546 | 31.672 |
| 23.899 | 1.021 | 14.662 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 125.220 | 19.681 | 282.069 | 41834.316 | 46564.953 | 30.538 | 31.664 |
| 23.904 | 1.021 | 14.666 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 125.210 | 19.682 | 282.049 | 41834.059 | 46564.141 | 30.537 | 31.664 |
| 23.904 | 1.021 | 14.669 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 125.193 | 19.680 | 282.010 | 41844.820 | 46578.109 | 30.547 | 31.673 |
| 23.898 | 1.021 | 14.665 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 125.186 | 19.680 | 281.994 | 41819.016 | 46548.602 | 30.526 | 31.653 |
| 23.913 | 1.021 | 14.666 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 125.178 | 19.681 | 281.976 | 41803.672 | 46531.180 | 30.513 | 31.641 |
| 23.921 | 1.021 | 14.671 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 125.179 | 19.684 | 281.977 | 41868.246 | 46600.207 | 30.564 | 31.688 |
| 23.884 | 1.021 | 14.672 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 125.188 | 19.682 | 281.998 | 41844.734 | 46575.246 | 30.545 | 31.671 |
| 23.898 | 1.021 | 14.668 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 125.193 | 19.680 | 282.010 | 41849.293 | 46582.301 | 30.551 | 31.676 |
| 23.895 | 1.021 | 14.675 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 125.209 | 19.681 | 282.046 | 41798.816 | 46525.684 | 30.509 | 31.637 |
| 23.924 | 1.021 | 14.671 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 125.219 | 19.680 | 282.067 | 41795.195 | 46522.531 | 30.507 | 31.635 |
| 23.926 | 1.021 | 14.676 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 125.237 | 19.682 | 282.108 | 41817.156 | 46545.074 | 30.523 | 31.651 |
| 23.914 | 1.021 | 14.678 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 125.262 | 19.681 | 282.164 | 41847.258 | 46579.102 | 30.548 | 31.674 |
| 23.896 | 1.021 | 14.679 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 125.291 | 19.678 | 282.231 | 41791.375 | 46520.512 | 30.505 | 31.634 |
| 23.928 | 1.021 | 14.680 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 125.329 | 19.679 | 282.316 | 41834.246 | 46567.117 | 30.539 | 31.666 |
| 23.904 | 1.021 | 14.675 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 125.372 | 19.680 | 282.413 | 41825.547 | 46556.656 | 30.532 | 31.659 |
| 23.909 | 1.021 | 14.669 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 5:30:00 AM | 545400.000 | 125.400 | 19.680 | 282.476 | 41836.055 | 46568.012 | 30.540 | 31.666 |
| 23.903 | 1.021 | 14.671 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 125.443 | 19.682 | 282.574 | 41817.273 | 46544.680 | 30.523 | 31.650 |
| 23.914 | 1.021 | 14.672 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 125.487 | 19.681 | 282.671 | 41818.805 | 46548.027 | 30.526 | 31.653 |
| 23.913 | 1.021 | 14.673 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 125.518 | 19.680 | 282.742 | 41820.336 | 46550.516 | 30.527 | 31.654 |
| 23.912 | 1.021 | 14.679 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 125.561 | 19.681 | 282.838 | 41820.328 | 46549.898 | 30.527 | 31.654 |
| 23.912 | 1.021 | 14.688 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 125.611 | 19.681 | 282.952 | 41830.789 | 46561.543 | 30.535 | 31.662 |
| 23.906 | 1.021 | 14.681 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 125.648 | 19.680 | 283.035 | 41848.559 | 46581.574 | 30.550 | 31.675 |
| 23.896 | 1.021 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 125.687 | 19.681 | 283.123 | 41833.852 | 46564.605 | 30.538 | 31.664 |
| 23.904 | 1.021 | 14.683 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 125.727 | 19.680 | 283.213 | 41824.973 | 46555.230 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.687 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 125.755 | 19.679 | 283.275 | 41839.496 | 46572.363 | 30.543 | 31.669 |
| 23.901 | 1.021 | 14.689 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 125.777 | 19.679 | 283.325 | 41863.477 | 46599.215 | 30.563 | 31.687 |
| 23.887 | 1.021 | 14.696 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 125.806 | 19.683 | 283.389 | 41833.918 | 46562.949 | 30.537 | 31.663 |
| 23.904 | 1.021 | 14.698 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 125.823 | 19.684 | 283.428 | 41853.887 | 46584.059 | 30.552 | 31.677 |
| 23.893 | 1.021 | 14.702 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 125.848 | 19.682 | 283.484 | 41848.508 | 46579.621 | 30.549 | 31.674 |
| 23.896 | 1.021 | 14.694 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 125.854 | 19.684 | 283.499 | 41854.305 | 46584.172 | 30.552 | 31.677 |
| 23.892 | 1.021 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 125.864 | 19.681 | 283.521 | 41805.055 | 46532.199 | 30.514 | 31.642 |
| 23.921 | 1.021 | 14.702 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 125.863 | 19.681 | 283.520 | 41817.000 | 46545.762 | 30.524 | 31.651 |
| 23.914 | 1.021 | 14.704 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 125.852 | 19.682 | 283.493 | 41851.684 | 46583.422 | 30.551 | 31.677 |
| 23.894 | 1.021 | 14.714 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 125.846 | 19.680 | 283.481 | 41861.309 | 46595.676 | 30.560 | 31.685 |
| 23.888 | 1.021 | 14.709 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 125.810 | 19.683 | 283.399 | 41832.254 | 46560.934 | 30.535 | 31.661 |
| 23.905 | 1.021 | 14.720 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 125.779 | 19.682 | 283.330 | 41847.625 | 46578.820 | 30.548 | 31.674 |
| 23.896 | 1.021 | 14.719 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 125.741 | 19.680 | 283.244 | 41829.199 | 46559.859 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.726 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 125.701 | 19.682 | 283.154 | 41844.094 | 46575.313 | 30.546 | 31.671 |
| 23.898 | 1.021 | 14.724 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 125.654 | 19.684 | 283.049 | 41897.590 | 46632.867 | 30.588 | 31.710 |
| 23.868 | 1.021 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 125.601 | 19.681 | 282.929 | 41824.680 | 46553.969 | 30.530 | 31.657 |
| 23.909 | 1.021 | 14.722 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 125.578 | 19.680 | 282.877 | 41824.867 | 46555.559 | 30.531 | 31.658 |
| 23.909 | 1.021 | 14.721 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 125.484 | 19.682 | 282.665 | 41812.504 | 46539.895 | 30.520 | 31.647 |
| 23.916 | 1.021 | 14.719 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 125.431 | 19.680 | 282.546 | 41839.652 | 46571.660 | 30.543 | 31.669 |
| 23.901 | 1.021 | 14.714 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 125.370 | 19.684 | 282.409 | 41850.480 | 46579.836 | 30.549 | 31.674 |
| 23.895 | 1.021 | 14.712 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 125.299 | 19.684 | 282.247 | 41845.371 | 46574.746 | 30.545 | 31.671 |
| 23.898 | 1.021 | 14.708 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 125.232 | 19.685 | 282.097 | 41824.160 | 46549.758 | 30.527 | 31.654 |
| 23.910 | 1.021 | 14.707 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 125.168 | 19.684 | 281.952 | 41834.375 | 46561.824 | 30.536 | 31.662 |
| 23.904 | 1.021 | 14.708 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 125.101 | 19.684 | 281.803 | 41812.715 | 46538.059 | 30.518 | 31.646 |
| 23.916 | 1.021 | 14.704 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 125.045 | 19.683 | 281.675 | 41850.109 | 46580.113 | 30.549 | 31.674 |
| 23.895 | 1.021 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 124.979 | 19.685 | 281.527 | 41853.586 | 46582.688 | 30.551 | 31.676 |
| 23.893 | 1.021 | 14.703 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 124.931 | 19.684 | 281.418 | 41848.117 | 46577.805 | 30.547 | 31.673 |
| 23.896 | 1.021 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 124.880 | 19.685 | 281.305 | 41840.445 | 46568.238 | 30.540 | 31.666 |
| 23.900 | 1.021 | 14.706 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 124.832 | 19.683 | 281.196 | 41836.199 | 46564.887 | 30.538 | 31.664 |
| 23.903 | 1.021 | 14.702 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 124.786 | 19.681 | 281.092 | 41836.551 | 46567.184 | 30.540 | 31.666 |
| 23.903 | 1.021 | 14.706 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 124.756 | 19.683 | 281.024 | 41827.727 | 46556.152 | 30.532 | 31.658 |
| 23.908 | 1.021 | 14.708 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 124.724 | 19.681 | 280.952 | 41842.883 | 46574.137 | 30.545 | 31.670 |
| 23.899 | 1.021 | 14.705 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 124.693 | 19.680 | 280.883 | 41839.879 | 46571.824 | 30.543 | 31.669 |
| 23.901 | 1.021 | 14.703 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 124.677 | 19.683 | 280.847 | 41825.918 | 46553.879 | 30.530 | 31.657 |
| 23.909 | 1.021 | 14.700 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 124.666 | 19.684 | 280.823 | 41825.273 | 46551.953 | 30.529 | 31.655 |
| 23.909 | 1.021 | 14.703 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 124.662 | 19.679 | 280.813 | 41815.227 | 46545.422 | 30.524 | 31.651 |
| 23.915 | 1.021 | 14.702 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 124.647 | 19.679 | 280.779 | 41829.777 | 46562.051 | 30.536 | 31.662 |
| 23.906 | 1.021 | 14.710 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 124.658 | 19.681 | 280.805 | 41854.117 | 46586.809 | 30.554 | 31.679 |
| 23.893 | 1.021 | 14.709 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 124.675 | 19.680 | 280.842 | 41829.098 | 46559.746 | 30.534 | 31.661 |
| 23.907 | 1.021 | 14.707 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 124.694 | 19.680 | 280.885 | 41810.344 | 46539.551 | 30.519 | 31.647 |
| 23.918 | 1.021 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 124.712 | 19.677 | 280.926 | 41851.602 | 46587.816 | 30.554 | 31.680 |
| 23.894 | 1.021 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 124.746 | 19.679 | 281.003 | 41812.125 | 46542.309 | 30.521 | 31.649 |
| 23.917 | 1.021 | 14.704 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 124.766 | 19.677 | 281.048 | 41811.512 | 46543.879 | 30.522 | 31.650 |
| 23.917 | 1.021 | 14.708 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 124.810 | 19.677 | 281.147 | 41803.094 | 46533.723 | 30.515 | 31.643 |
| 23.922 | 1.021 | 14.703 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 124.845 | 19.679 | 281.227 | 41833.980 | 46566.563 | 30.539 | 31.665 |
| 23.904 | 1.021 | 14.706 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 124.889 | 19.680 | 281.325 | 41836.184 | 46568.230 | 30.540 | 31.666 |
| 23.903 | 1.021 | 14.705 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 124.928 | 19.678 | 281.413 | 41852.668 | 46588.484 | 30.555 | 31.680 |
| 23.893 | 1.021 | 14.708 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 124.976 | 19.683 | 281.521 | 41823.543 | 46550.973 | 30.528 | 31.655 |
| 23.910 | 1.021 | 14.703 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 125.018 | 19.683 | 281.616 | 41865.355 | 46597.512 | 30.562 | 31.686 |
| 23.886 | 1.021 | 14.704 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 125.073 | 19.679 | 281.739 | 41856.785 | 46591.859 | 30.558 | 31.682 |
| 23.891 | 1.021 | 14.706 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 125.108 | 19.680 | 281.817 | 41863.711 | 46598.352 | 30.562 | 31.687 |
| 23.887 | 1.021 | 14.705 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 125.166 | 19.679 | 281.950 | 41831.672 | 46564.250 | 30.537 | 31.664 |
| 23.905 | 1.021 | 14.699 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 125.206 | 19.678 | 282.038 | 41810.375 | 46541.406 | 30.521 | 31.648 |
| 23.918 | 1.021 | 14.700 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 125.246 | 19.679 | 282.129 | 41837.176 | 46570.031 | 30.542 | 31.668 |
| 23.902 | 1.021 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 125.285 | 19.680 | 282.218 | 41821.211 | 46551.133 | 30.528 | 31.655 |
| 23.911 | 1.021 | 14.692 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 125.328 | 19.677 | 282.313 | 41818.758 | 46551.340 | 30.528 | 31.655 |
| 23.913 | 1.021 | 14.691 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 125.348 | 19.675 | 282.358 | 41817.594 | 46551.848 | 30.528 | 31.655 |
| 23.913 | 1.021 | 14.697 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 125.380 | 19.677 | 282.431 | 41812.016 | 46544.266 | 30.523 | 31.650 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 23.917 | 1.021 | 14.692 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 125.397 | 19.679 | 282.469 | 41829.793 | 46562.160 | 30.536 | 31.662 |
| 23.906 | 1.021 | 14.691 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 125.417 | 19.680 | 282.515 | 41828.047 | 46558.652 | 30.533 | 31.660 |
| 23.907 | 1.021 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 125.423 | 19.679 | 282.528 | 41859.145 | 46594.742 | 30.560 | 31.684 |
| 23.890 | 1.021 | 14.689 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 125.439 | 19.677 | 282.563 | 41837.113 | 46571.855 | 30.543 | 31.669 |
| 23.902 | 1.021 | 14.681 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 125.471 | 19.676 | 282.636 | 41822.223 | 46556.059 | 30.531 | 31.658 |
| 23.911 | 1.021 | 14.685 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 125.437 | 19.678 | 282.559 | 41807.363 | 46538.398 | 30.518 | 31.646 |
| 23.919 | 1.021 | 14.688 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 125.430 | 19.678 | 282.544 | 41822.512 | 46555.172 | 30.531 | 31.658 |
| 23.911 | 1.021 | 14.686 | | | | | | |

Report Date: 1/16/2017 8:32:05 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-3M Pre Test_2017-01-12_08-49-39-080.wsl
Create Date: 1/12/2017 8:49:19 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-3M
Device Name:
Serial Number: 395601
Firmware Version: 2.00
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
Specific Gravity: 1.024

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 9:51:18 AM | Sensor SN: 395601 Factory calibration has expired.: 12/15/2015 5:21:19 PM |
| 8/4/2016 9:51:18 AM | Used Battery: 28% Used Memory: 67% User Name: SKuiper |
| 8/4/2016 6:34:20 PM | Log Download - Used Battery: 28% Used Memory: 67% User Name: SKuiper |
| 8/11/2016 1:16:15 PM | 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 9:21:05 AM | 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 4:07:35 PM | 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 12:59:12 PM | 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 11:13:11 AM | 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 6:58:02 PM | 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 3:14:35 PM | 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 8:04:19 AM | 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 6:04:51 PM | 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 9:44:09 AM | 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 8:55:55 AM | 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 10:03:23 AM | 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 8:57:49 AM | 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 1:07:57 PM | 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 8:17:28 AM | 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 3:09:39 PM | 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 1:58:18 PM | 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 8:48:01 AM | 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 8:10:18 AM | 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 AM |
| 12/22/2016 6:59:22 PM | 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 2:30:33 PM | 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 8:49:05 AM | 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 |

Log Data:

Record Count: 715
Sensors: 1
1 - 395601: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard 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) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 66.172 | 17.066 | 149.058 | 34250.273 | 40367.500 | 25.947 | 27.450 | 29.197 | 1.019 |
| 1/5/2017 12:15:00 AM | 8100.000 | 66.178 | 17.066 | 149.073 | 34233.242 | 40347.188 | 25.932 | 27.436 | 29.211 | 1.019 |
| 1/5/2017 12:30:00 AM | 9000.000 | 66.180 | 17.065 | 149.077 | 34246.949 | 40364.141 | 25.944 | 27.448 | 29.200 | 1.019 |
| 1/5/2017 12:45:00 AM | 9900.000 | 66.180 | 17.066 | 149.077 | 34234.051 | 40348.379 | 25.933 | 27.437 | 29.211 | 1.019 |
| 1/5/2017 1:00:00 AM | 10800.000 | 66.185 | 17.066 | 149.089 | 34234.043 | 40348.762 | 25.933 | 27.437 | 29.211 | 1.019 |
| 1/5/2017 1:15:00 AM | 11700.000 | 66.187 | 17.066 | 149.092 | 34249.523 | 40367.090 | 25.946 | 27.450 | 29.197 | 1.019 |
| 1/5/2017 1:30:00 AM | 12600.000 | 66.195 | 17.066 | 149.110 | 34223.859 | 40336.449 | 25.924 | 27.429 | 29.219 | 1.019 |
| 1/5/2017 1:45:00 AM | 13500.000 | 66.198 | 17.065 | 149.117 | 34219.992 | 40332.691 | 25.922 | 27.426 | 29.223 | 1.019 |
| 1/5/2017 2:00:00 AM | 14400.000 | 66.204 | 17.066 | 149.131 | 34211.523 | 40322.145 | 25.914 | 27.419 | 29.230 | 1.019 |

1/5/2017 2:15:00 AM 15300.000 66.205 17.066
149.133 34245.391 40362.137
25.943 27.446 29.201
1.019
1/5/2017 2:30:00 AM 16200.000 66.210 17.065
149.144 34223.516 40336.844
25.925 27.429 29.220
1.019
1/5/2017 2:45:00 AM 17100.000 66.215 17.065
149.155 34227.598 40341.734
25.928 27.432 29.216
1.019
1/5/2017 3:00:00 AM 18000.000 66.215 17.065
149.157 34235.973 40351.438
25.935 27.439 29.209
1.019
1/5/2017 3:15:00 AM 18900.000 66.219 17.065
149.164 34216.258 40328.133
25.918 27.423 29.226
1.019
1/5/2017 3:30:00 AM 19800.000 66.227 17.065
149.182 34194.305 40302.656
25.900 27.406 29.245
1.019
1/5/2017 3:45:00 AM 20700.000 66.231 17.065
149.191 34227.371 40341.629
25.928 27.432 29.216
1.019
1/5/2017 4:00:00 AM 21600.000 66.229 17.064
149.188 34206.004 40316.828
25.910 27.415 29.235
1.019
1/5/2017 4:15:00 AM 22500.000 66.230 17.065
149.190 34200.621 40309.938
25.906 27.411 29.239
1.019
1/5/2017 4:30:00 AM 23400.000 66.236 17.065
149.202 34208.285 40319.133
25.912 27.417 29.233
1.019
1/5/2017 4:45:00 AM 24300.000 66.236 17.064
149.203 34204.039 40314.605
25.909 27.414 29.236
1.019
1/5/2017 5:00:00 AM 25200.000 66.244 17.065
149.221 34205.160 40315.121
25.909 27.414 29.235
1.019
1/5/2017 5:15:00 AM 26100.000 66.232 17.064
149.193 34204.473 40315.023
25.909 27.414 29.236
1.019
1/5/2017 5:30:00 AM 27000.000 66.233 17.064
149.197 34190.949 40299.016
25.898 27.403 29.248
1.019
1/5/2017 5:45:00 AM 27900.000 66.239 17.064

| | | | |
|---|---|---|---|
| 149.211 | 34190.762 | 40298.863 | |
| 25.898 | 27.403 | 29.248 | |
| 1.019 | | | |
| 1/5/2017 6:00:00 AM | 28800.000 | 66.235 | 17.065 |
| 149.201 | 34191.555 | 40299.254 | |
| 25.898 | 27.403 | 29.247 | |
| 1.019 | | | |
| 1/5/2017 6:15:00 AM | 29700.000 | 66.231 | 17.065 |
| 149.193 | 34213.414 | 40325.250 | |
| 25.916 | 27.421 | 29.228 | |
| 1.019 | | | |
| 1/5/2017 6:30:00 AM | 30600.000 | 66.230 | 17.064 |
| 149.190 | 34198.242 | 40307.770 | |
| 25.904 | 27.409 | 29.241 | |
| 1.019 | | | |
| 1/5/2017 6:45:00 AM | 31500.000 | 66.226 | 17.065 |
| 149.181 | 34218.754 | 40331.699 | |
| 25.921 | 27.426 | 29.224 | |
| 1.019 | | | |
| 1/5/2017 7:00:00 AM | 32400.000 | 66.224 | 17.066 |
| 149.176 | 34187.863 | 40294.184 | |
| 25.894 | 27.400 | 29.250 | |
| 1.019 | | | |
| 1/5/2017 7:15:00 AM | 33300.000 | 66.219 | 17.065 |
| 149.165 | 34196.977 | 40305.805 | |
| 25.903 | 27.408 | 29.242 | |
| 1.019 | | | |
| 1/5/2017 7:30:00 AM | 34200.000 | 66.220 | 17.065 |
| 149.167 | 34231.125 | 40345.492 | |
| 25.931 | 27.435 | 29.213 | |
| 1.019 | | | |
| 1/5/2017 7:45:00 AM | 35100.000 | 66.215 | 17.066 |
| 149.155 | 34210.113 | 40320.484 | |
| 25.913 | 27.418 | 29.231 | |
| 1.019 | | | |
| 1/5/2017 8:00:00 AM | 36000.000 | 66.214 | 17.065 |
| 149.154 | 34203.066 | 40312.586 | |
| 25.907 | 27.413 | 29.237 | |
| 1.019 | | | |
| 1/5/2017 8:15:00 AM | 36900.000 | 66.208 | 17.065 |
| 149.140 | 34214.359 | 40326.293 | |
| 25.917 | 27.422 | 29.227 | |
| 1.019 | | | |
| 1/5/2017 8:30:00 AM | 37800.000 | 66.206 | 17.065 |
| 149.135 | 34222.680 | 40335.770 | |
| 25.924 | 27.428 | 29.220 | |
| 1.019 | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 66.203 | 17.065 |
| 149.129 | 34234.988 | 40350.117 | |
| 25.934 | 27.438 | 29.210 | |
| 1.019 | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 66.197 | 17.065 |
| 149.116 | 34236.668 | 40352.188 | |
| 25.936 | 27.439 | 29.208 | |
| 1.019 | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 66.195 | 17.065 |
| 149.110 | 34201.191 | 40310.285 | |

25.906 27.411 29.239
1.019
1/5/2017 9:30:00 AM 41400.000 66.193 17.066
149.107 34231.637 40345.926
25.931 27.435 29.213
1.019
1/5/2017 9:45:00 AM 42300.000 66.191 17.065
149.102 34219.688 40332.086
25.921 27.426 29.223
1.019
1/5/2017 10:00:00 AM 43200.000 66.188 17.065
149.095 34212.441 40323.469
25.915 27.420 29.229
1.019
1/5/2017 10:15:00 AM 44100.000 66.186 17.066
149.091 34217.582 40329.125
25.919 27.424 29.225
1.019
1/5/2017 10:30:00 AM 45000.000 66.181 17.066
149.079 34212.578 40323.313
25.915 27.420 29.229
1.019
1/5/2017 10:45:00 AM 45900.000 66.181 17.066
149.078 34230.242 40343.723
25.930 27.434 29.214
1.019
1/5/2017 11:00:00 AM 46800.000 66.177 17.066
149.070 34244.371 40361.020
25.942 27.445 29.202
1.019
1/5/2017 11:15:00 AM 47700.000 66.176 17.066
149.068 34218.355 40329.711
25.920 27.424 29.224
1.019
1/5/2017 11:30:00 AM 48600.000 66.182 17.065
149.081 34255.766 40374.531
25.951 27.455 29.192
1.019
1/5/2017 11:45:00 AM 49500.000 66.180 17.066
149.076 34222.563 40335.230
25.924 27.428 29.220
1.019
1/5/2017 12:00:00 PM 50400.000 66.177 17.066
149.070 34236.191 40351.297
25.935 27.439 29.209
1.019
1/5/2017 12:15:00 PM 51300.000 66.176 17.066
149.067 34240.000 40355.867
25.938 27.442 29.206
1.019
1/5/2017 12:30:00 PM 52200.000 66.177 17.065
149.071 34234.992 40350.121
25.934 27.438 29.210
1.019
1/5/2017 12:45:00 PM 53100.000 66.178 17.066
149.073 34218.719 40330.703
25.920 27.425 29.224

1.019
1/5/2017 1:00:00 PM 54000.000 66.180 17.065
149.077 34206.059 40315.949
25.910 27.415 29.235
1.019
1/5/2017 1:15:00 PM 54900.000 66.177 17.065
149.070 34211.227 40322.039
25.914 27.419 29.230
1.019
1/5/2017 1:30:00 PM 55800.000 66.183 17.065
149.083 34217.695 40329.738
25.920 27.424 29.225
1.019
1/5/2017 1:45:00 PM 56700.000 66.185 17.065
149.088 34214.816 40326.344
25.917 27.422 29.227
1.019
1/5/2017 2:00:00 PM 57600.000 66.186 17.065
149.090 34224.324 40337.707
25.925 27.430 29.219
1.019
1/5/2017 2:15:00 PM 58500.000 66.184 17.065
149.086 34219.316 40331.973
25.921 27.426 29.223
1.019
1/5/2017 2:30:00 PM 59400.000 66.185 17.065
149.089 34199.309 40308.625
25.905 27.410 29.240
1.019
1/5/2017 2:45:00 PM 60300.000 66.185 17.065
149.089 34228.582 40342.660
25.929 27.433 29.215
1.019
1/5/2017 3:00:00 PM 61200.000 66.189 17.065
149.097 34228.273 40342.453
25.929 27.433 29.216
1.019
1/5/2017 3:15:00 PM 62100.000 66.190 17.065
149.100 34205.613 40315.820
25.910 27.415 29.235
1.019
1/5/2017 3:30:00 PM 63000.000 66.191 17.065
149.102 34190.762 40298.551
25.897 27.403 29.248
1.019
1/5/2017 3:45:00 PM 63900.000 66.190 17.064
149.100 34246.574 40364.578
25.944 27.448 29.200
1.019
1/5/2017 4:00:00 PM 64800.000 66.192 17.065
149.103 34230.133 40344.957
25.930 27.435 29.214
1.019
1/5/2017 4:15:00 PM 65700.000 66.188 17.065
149.094 34230.246 40345.090
25.931 27.435 29.214
1.019

| | | | |
|---|---|---|---|
| 1/5/2017 4:30:00 PM | 66600.000 | 66.190 | 17.064 |
| 149.100 | 34196.402 | 40305.512 | |
| 25.902 | 27.408 | 29.243 | |
| 1.019 | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 66.192 | 17.064 |
| 149.104 | 34231.195 | 40346.520 | |
| 25.932 | 27.436 | 29.213 | |
| 1.019 | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 66.190 | 17.064 |
| 149.100 | 34202.359 | 40312.625 | |
| 25.907 | 27.413 | 29.238 | |
| 1.019 | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 66.188 | 17.065 |
| 149.094 | 34194.012 | 40302.309 | |
| 25.900 | 27.406 | 29.245 | |
| 1.019 | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 66.186 | 17.064 |
| 149.091 | 34219.801 | 40333.180 | |
| 25.922 | 27.427 | 29.223 | |
| 1.019 | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 66.182 | 17.064 |
| 149.082 | 34203.535 | 40313.918 | |
| 25.908 | 27.413 | 29.237 | |
| 1.019 | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 66.182 | 17.064 |
| 149.082 | 34208.121 | 40319.324 | |
| 25.912 | 27.417 | 29.233 | |
| 1.019 | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 66.180 | 17.064 |
| 149.077 | 34192.555 | 40300.977 | |
| 25.899 | 27.405 | 29.246 | |
| 1.019 | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 66.173 | 17.064 |
| 149.062 | 34211.082 | 40322.980 | |
| 25.915 | 27.420 | 29.230 | |
| 1.019 | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 66.173 | 17.064 |
| 149.061 | 34205.777 | 40316.652 | |
| 25.910 | 27.415 | 29.235 | |
| 1.019 | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 66.172 | 17.064 |
| 149.058 | 34215.457 | 40328.063 | |
| 25.918 | 27.423 | 29.227 | |
| 1.019 | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 66.168 | 17.064 |
| 149.049 | 34204.289 | 40315.133 | |
| 25.909 | 27.414 | 29.236 | |
| 1.019 | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 66.164 | 17.065 |
| 149.041 | 34213.078 | 40324.621 | |
| 25.916 | 27.421 | 29.229 | |
| 1.019 | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 66.162 | 17.065 |
| 149.037 | 34206.422 | 40317.164 | |
| 25.911 | 27.416 | 29.234 | |
| 1.019 | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 66.158 | 17.065 |

149.028 34195.227 40303.578
25.901 27.406 29.244
1.019
1/5/2017 8:15:00 PM 80100.000 66.151 17.065
149.011 34222.371 40335.809
25.924 27.428 29.221
1.019
1/5/2017 8:30:00 PM 81000.000 66.152 17.065
149.014 34214.219 40326.285
25.917 27.422 29.228
1.019
1/5/2017 8:45:00 PM 81900.000 66.143 17.065
148.993 34203.852 40313.820
25.908 27.413 29.236
1.019
1/5/2017 9:00:00 PM 82800.000 66.144 17.065
148.995 34191.031 40298.637
25.897 27.403 29.247
1.019
1/5/2017 9:15:00 PM 83700.000 66.140 17.065
148.986 34224.512 40338.020
25.925 27.430 29.219
1.019
1/5/2017 9:30:00 PM 84600.000 66.138 17.065
148.981 34208.160 40318.656
25.912 27.417 29.233
1.019
1/5/2017 9:45:00 PM 85500.000 66.135 17.065
148.975 34210.211 40321.402
25.914 27.419 29.231
1.019
1/5/2017 10:00:00 PM 86400.000 66.131 17.065
148.966 34229.141 40343.477
25.929 27.434 29.215
1.019
1/5/2017 10:15:00 PM 87300.000 66.128 17.065
148.960 34225.180 40338.883
25.926 27.430 29.218
1.019
1/5/2017 10:30:00 PM 88200.000 66.130 17.065
148.964 34201.289 40310.398
25.906 27.411 29.239
1.019
1/5/2017 10:45:00 PM 89100.000 66.129 17.065
148.962 34196.418 40304.984
25.902 27.407 29.243
1.019
1/5/2017 11:00:00 PM 90000.000 66.130 17.065
148.964 34211.969 40322.988
25.915 27.420 29.230
1.019
1/5/2017 11:15:00 PM 90900.000 66.127 17.065
148.959 34217.078 40329.410
25.919 27.424 29.225
1.019
1/5/2017 11:30:00 PM 91800.000 66.128 17.065
148.959 34244.422 40361.164

25.942 27.446 29.202
1.019
1/5/2017 11:45:00 PM 92700.000 66.126 17.065
148.955 34221.582 40334.316
25.923 27.427 29.221
1.019
1/6/2017 12:00:00 AM 93600.000 66.133 17.065
148.971 34223.051 40336.047
25.924 27.429 29.220
1.019
1/6/2017 12:15:00 AM 94500.000 66.132 17.065
148.969 34211.848 40323.004
25.915 27.420 29.230
1.019
1/6/2017 12:30:00 AM 95400.000 66.137 17.065
148.979 34217.145 40329.086
25.919 27.424 29.225
1.019
1/6/2017 12:45:00 AM 96300.000 66.139 17.065
148.985 34225.430 40339.102
25.926 27.431 29.218
1.019
1/6/2017 1:00:00 AM 97200.000 66.140 17.065
148.987 34194.707 40302.969
25.901 27.406 29.244
1.019
1/6/2017 1:15:00 AM 98100.000 66.142 17.065
148.990 34233.160 40347.965
25.933 27.437 29.211
1.019
1/6/2017 1:30:00 AM 99000.000 66.150 17.065
149.008 34215.086 40327.063
25.918 27.422 29.227
1.019
1/6/2017 1:45:00 AM 99900.000 66.153 17.065
149.016 34214.520 40326.152
25.917 27.422 29.227
1.019
1/6/2017 2:00:00 AM 100800.000 66.160 17.065
149.033 34197.395 40306.137
25.903 27.408 29.242
1.019
1/6/2017 2:15:00 AM 101700.000 66.174 17.064
149.063 34198.465 40308.344
25.904 27.410 29.241
1.019
1/6/2017 2:30:00 AM 102600.000 66.166 17.065
149.045 34209.395 40320.203
25.913 27.418 29.232
1.019
1/6/2017 2:45:00 AM 103500.000 66.164 17.065
149.040 34191.078 40298.691
25.898 27.403 29.247
1.019
1/6/2017 3:00:00 AM 104400.000 66.170 17.064
149.054 34210.184 40322.242
25.914 27.419 29.231

1.019
1/6/2017 3:15:00 AM 105300.000 66.177 17.065
149.070 34194.516 40302.977
25.901 27.406 29.244
1.019
1/6/2017 3:30:00 AM 106200.000 66.184 17.064
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1.019
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148.995 34223.863 40337.254

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148.996 34242.133 40358.789
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1/7/2017 8:30:00 PM 253800.000 66.145 17.065
148.999 34207.477 40317.852
25.911 27.416 29.233
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148.997 34218.863 40331.113
25.921 27.425 29.224
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148.990 34227.797 40342.203
25.928 27.433 29.216
1.019
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25.926 27.431 29.218
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1.019
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25.908 27.413 29.237

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40319.109 25.912 27.417
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1.019

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25.911 27.416 29.233
1.019
1/8/2017 4:00:00 AM 280800.000 66.178 17.066
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1.019
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25.923 27.427 29.221
1.019
1/8/2017 4:30:00 AM 282600.000 66.186 17.066
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149.099 34238.332 40354.059
25.937 27.441 29.207
1.019
1/8/2017 5:00:00 AM 284400.000 66.196 17.065

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| 149.113 | 34204.281 | 40314.328 | |
| 25.909 | 27.414 | 29.236 | |
| 1.019 | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 66.208 | 17.066 |
| 149.139 | 34231.055 | 40345.008 | |
| 25.931 | 27.435 | 29.213 | |
| 1.019 | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 66.209 | 17.065 |
| 149.141 | 34207.227 | 40317.648 | |
| 25.911 | 27.416 | 29.234 | |
| 1.019 | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 66.216 | 17.065 |
| 149.159 | 34230.133 | 40344.395 | |
| 25.930 | 27.434 | 29.214 | |
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| 1/8/2017 6:00:00 AM | 288000.000 | 66.215 | 17.065 |
| 149.157 | 34229.492 | 40343.891 | |
| 25.930 | 27.434 | 29.215 | |
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| 149.154 | 34244.152 | 40360.602 | |
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| 25.930 | 27.434 | 29.215 | |
| 1.019 | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 66.226 | 17.066 |
| 149.180 | 34214.324 | 40325.523 | |
| 25.917 | 27.421 | 29.228 | |
| 1.019 | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 66.231 | 17.065 |
| 149.191 | 34208.766 | 40319.137 | |
| 25.912 | 27.417 | 29.232 | |
| 1.019 | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 66.233 | 17.066 |
| 149.197 | 34215.535 | 40326.949 | |
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| 1/8/2017 7:30:00 AM | 293400.000 | 66.231 | 17.065 |
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| 25.911 | 27.416 | 29.233 | |
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| 25.923 | 27.428 | 29.221 | |
| 1.019 | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 66.235 | 17.066 |
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1.019
1/8/2017 9:15:00 AM 299700.000 66.230 17.066
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1/8/2017 9:30:00 AM 300600.000 66.225 17.066
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1.019
1/8/2017 10:00:00 AM 302400.000 66.215
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40374.770 25.952 27.455
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1/8/2017 10:15:00 AM 303300.000 66.208
17.066 149.139 34256.504
40374.445 25.951 27.455
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40330.445 25.920 27.425
29.223 1.019
1/8/2017 10:45:00 AM 305100.000 66.197
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29.199 1.019
1/8/2017 11:00:00 AM 306000.000 66.188
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29.185 1.019
1/8/2017 11:15:00 AM 306900.000 66.189
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29.201 1.019
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1/8/2017 11:45:00 AM 308700.000 66.178
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17.067 149.055 34285.645
40408.074 25.975 27.477
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17.067 149.021 34285.785
40408.148 25.976 27.478
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25.962 27.465 29.180
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25.968 27.470 29.174
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1/8/2017 1:30:00 PM 315000.000 66.142 17.068
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25.958 27.461 29.184
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25.957 27.459 29.186
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25.950 27.453 29.193
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149.032 34249.914 40366.746
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149.044 34226.246 40338.941
25.926 27.430 29.217
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149.041 34268.664 40389.008
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149.053 34239.352 40354.547
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1.019
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149.070 34259.867 40378.887
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1/8/2017 8:00:00 PM 338400.000 66.175 17.065
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25.938 27.442 29.206
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1.019
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149.075 34252.113 40370.227
25.948 27.452 29.195
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149.077 34244.203 40361.383
25.942 27.446 29.202
1.019
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25.920 27.425 29.224
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25.923 27.428 29.221
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149.081 34211.117 40321.508
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17.066 149.065 34232.543
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17.065 149.065 34239.227
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1/8/2017 10:30:00 PM 347400.000 66.175
17.066 149.066 34257.730
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17.065 149.065 34224.184

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1/8/2017 11:15:00 PM 350100.000 66.174
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29.218 1.019
1/8/2017 11:45:00 PM 351900.000 66.165
17.065 149.044 34252.422
40370.664 25.949 27.452
29.195 1.019
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17.066 149.039 34263.828
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17.066 149.036 34222.660
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17.066 149.036 34226.211
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1/9/2017 12:45:00 AM 355500.000 66.158
17.066 149.027 34233.254
40347.680 25.932 27.436
29.211 1.019
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149.031 34245.641 40362.195
25.943 27.446 29.201
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1/9/2017 1:15:00 AM 357300.000 66.166 17.066
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25.924 27.428 29.220
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1/9/2017 1:30:00 AM 358200.000 66.165 17.066
149.042 34270.941 40391.777
25.964 27.466 29.179
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1/9/2017 1:45:00 AM 359100.000 66.162 17.066
149.037 34268.230 40388.902
25.962 27.464 29.182
1.019
1/9/2017 2:00:00 AM 360000.000 66.161 17.066
149.035 34227.859 40341.320
25.928 27.432 29.216
1.019
1/9/2017 2:15:00 AM 360900.000 66.162 17.066
149.035 34235.934 40350.270
25.934 27.438 29.209

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1/9/2017 2:30:00 AM 361800.000 66.165 17.066
149.042 34274.887 40396.590
25.967 27.470 29.176
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1/9/2017 3:00:00 AM 363600.000 66.166 17.066
149.046 34266.465 40386.414
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149.055 34262.859 40381.934
25.957 27.460 29.186
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1/9/2017 3:30:00 AM 365400.000 66.173 17.066
149.062 34230.230 40343.797
25.930 27.434 29.214
1.019
1/9/2017 3:45:00 AM 366300.000 66.179 17.066
149.075 34255.242 40373.188
25.951 27.454 29.193
1.019
1/9/2017 4:00:00 AM 367200.000 66.182 17.067
149.081 34238.938 40353.648
25.937 27.440 29.207
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1/9/2017 4:15:00 AM 368100.000 66.187 17.066
149.092 34254.906 40373.039
25.950 27.454 29.193
1.019
1/9/2017 4:30:00 AM 369000.000 66.192 17.066
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25.976 27.478 29.166
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1/9/2017 4:45:00 AM 369900.000 66.196 17.067
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1.019
1/9/2017 5:00:00 AM 370800.000 66.202 17.067
149.125 34270.207 40390.504
25.963 27.466 29.180
1.019
1/9/2017 5:15:00 AM 371700.000 66.208 17.066
149.139 34244.258 40360.172
25.941 27.445 29.202
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1/9/2017 5:30:00 AM 372600.000 66.210 17.066
149.144 34239.238 40354.492
25.937 27.441 29.206
1.019
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149.166 34238.203 40353.355
25.936 27.440 29.207
1.019

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| 1/9/2017 6:00:00 AM | 374400.000 | 66.224 | 17.066 |
| 149.175 | 34233.672 | 40347.695 | |
| 25.932 | 27.436 | 29.211 | |
| 1.019 | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 66.227 | 17.066 |
| 149.184 | 34268.457 | 40389.012 | |
| 25.962 | 27.465 | 29.181 | |
| 1.019 | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 66.235 | 17.066 |
| 149.201 | 34243.750 | 40360.129 | |
| 25.941 | 27.445 | 29.202 | |
| 1.019 | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 66.243 | 17.066 |
| 149.220 | 34244.855 | 40361.035 | |
| 25.942 | 27.446 | 29.201 | |
| 1.019 | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 66.241 | 17.066 |
| 149.214 | 34235.828 | 40350.473 | |
| 25.934 | 27.438 | 29.209 | |
| 1.019 | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 66.248 | 17.066 |
| 149.229 | 34222.734 | 40335.281 | |
| 25.924 | 27.428 | 29.220 | |
| 1.019 | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 66.247 | 17.066 |
| 149.227 | 34240.789 | 40356.563 | |
| 25.939 | 27.442 | 29.205 | |
| 1.019 | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 66.252 | 17.066 |
| 149.240 | 34229.215 | 40342.836 | |
| 25.929 | 27.433 | 29.215 | |
| 1.019 | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 66.250 | 17.066 |
| 149.235 | 34254.273 | 40372.297 | |
| 25.950 | 27.453 | 29.193 | |
| 1.019 | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 66.250 | 17.066 |
| 149.234 | 34209.922 | 40319.613 | |
| 25.912 | 27.417 | 29.231 | |
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| 1/9/2017 8:30:00 AM | 383400.000 | 66.253 | 17.066 |
| 149.241 | 34236.922 | 40351.922 | |
| 25.935 | 27.439 | 29.208 | |
| 1.019 | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 66.255 | 17.066 |
| 149.246 | 34272.715 | 40393.617 | |
| 25.965 | 27.468 | 29.178 | |
| 1.019 | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 66.253 | 17.066 |
| 149.241 | 34248.348 | 40365.230 | |
| 25.945 | 27.448 | 29.198 | |
| 1.019 | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 66.251 | 17.066 |
| 149.236 | 34234.023 | 40348.016 | |
| 25.933 | 27.437 | 29.211 | |
| 1.019 | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 66.259 | 17.067 |

149.255 34263.996 40383.184
25.958 27.461 29.185
1.019
1/9/2017 9:45:00 AM 387900.000 66.242 17.066
149.217 34239.504 40354.637
25.937 27.441 29.206
1.019
1/9/2017 10:00:00 AM 388800.000 66.240
17.066 149.213 34252.984
40370.457 25.949 27.452
29.195 1.019
1/9/2017 10:15:00 AM 389700.000 66.239
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29.195 1.019
1/9/2017 10:30:00 AM 390600.000 66.225
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29.200 1.019
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29.191 1.019
1/9/2017 11:00:00 AM 392400.000 66.217
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29.188 1.019
1/9/2017 11:15:00 AM 393300.000 66.214
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40335.563 25.924 27.428
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29.185 1.019
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29.153 1.019
1/10/2017 7:30:00 PM 509400.000 66.199
17.069 149.119 34331.035
40460.363 26.013 27.513
29.128 1.019
1/10/2017 7:45:00 PM 510300.000 66.206
17.068 149.136 34339.371
40470.750 26.020 27.520
29.121 1.019
1/10/2017 8:00:00 PM 511200.000 66.215
17.068 149.157 34315.609
40442.340 26.000 27.501
29.141 1.019
1/10/2017 8:15:00 PM 512100.000 66.222
17.068 149.171 34318.043
40445.211 26.002 27.503
29.139 1.019
1/10/2017 8:30:00 PM 513000.000 66.231
17.068 149.191 34303.648
40428.891 25.990 27.492
29.151 1.019
1/10/2017 8:45:00 PM 513900.000 66.232
17.068 149.195 34312.078
40438.500 25.997 27.498
29.144 1.019
1/10/2017 9:00:00 PM 514800.000 66.239
17.068 149.209 34272.379
40391.715 25.964 27.466

29.178 1.019
1/10/2017 9:15:00 PM 515700.000 66.241
17.068 149.214 34293.777
40417.410 25.982 27.484
29.160 1.019
1/10/2017 9:30:00 PM 516600.000 66.246
17.068 149.226 34282.328
40403.363 25.972 27.474
29.170 1.019
1/10/2017 9:45:00 PM 517500.000 66.250
17.069 149.234 34285.445
40406.715 25.975 27.477
29.167 1.019
1/10/2017 10:00:00 PM 518400.000 66.254
17.068 149.245 34278.289
40399.004 25.969 27.471
29.173 1.019
1/10/2017 10:15:00 PM 519300.000 66.254
17.068 149.243 34313.176
40440.035 25.998 27.499
29.143 1.019
1/10/2017 10:30:00 PM 520200.000 66.259
17.067 149.255 34294.848
40418.762 25.983 27.485
29.159 1.019
1/10/2017 10:45:00 PM 521100.000 66.258
17.068 149.252 34293.688
40417.227 25.982 27.484
29.160 1.019
1/10/2017 11:00:00 PM 522000.000 66.262
17.068 149.262 34281.957
40403.477 25.972 27.474
29.170 1.019
1/10/2017 11:15:00 PM 522900.000 66.260
17.068 149.258 34307.367
40432.797 25.993 27.494
29.148 1.019
1/10/2017 11:30:00 PM 523800.000 66.260
17.068 149.258 34299.289
40423.105 25.986 27.488
29.155 1.019
1/10/2017 11:45:00 PM 524700.000 66.258
17.068 149.253 34316.973
40444.117 26.001 27.502
29.140 1.019
1/11/2017 12:00:00 AM 525600.000 66.261
17.068 149.259 34330.664
40460.488 26.013 27.513
29.128 1.019
1/11/2017 12:15:00 AM 526500.000 66.263
17.069 149.264 34314.141
40440.535 25.999 27.500
29.143 1.019
1/11/2017 12:30:00 AM 527400.000 66.265
17.068 149.269 34274.586
40394.637 25.966 27.468
29.176 1.019

1/11/2017 12:45:00 AM 528300.000 66.259
17.069 149.256 34309.344
40434.645 25.994 27.496
29.147 1.019
1/11/2017 1:00:00 AM 529200.000 66.264
17.069 149.266 34294.480
40417.363 25.982 27.484
29.159 1.019
1/11/2017 1:15:00 AM 530100.000 66.256
17.069 149.249 34290.566
40412.586 25.979 27.481
29.163 1.019
1/11/2017 1:30:00 AM 531000.000 66.258
17.069 149.253 34301.207
40425.125 25.988 27.489
29.153 1.019
1/11/2017 1:45:00 AM 531900.000 66.258
17.069 149.253 34320.359
40447.781 26.004 27.504
29.137 1.019
1/11/2017 2:00:00 AM 532800.000 66.254
17.069 149.244 34303.410
40427.242 25.989 27.491
29.152 1.019
1/11/2017 2:15:00 AM 533700.000 66.250
17.069 149.235 34325.055
40453.070 26.008 27.508
29.133 1.019
1/11/2017 2:30:00 AM 534600.000 66.265
17.069 149.269 34307.750
40432.434 25.993 27.494
29.148 1.019
1/11/2017 2:45:00 AM 535500.000 66.251
17.069 149.238 34310.207
40435.328 25.995 27.496
29.146 1.019
1/11/2017 3:00:00 AM 536400.000 66.251
17.070 149.236 34309.109
40433.637 25.994 27.495
29.147 1.019
1/11/2017 3:15:00 AM 537300.000 66.251
17.069 149.238 34335.348
40464.883 26.016 27.516
29.125 1.019
1/11/2017 3:30:00 AM 538200.000 66.252
17.070 149.240 34314.418
40439.895 25.998 27.499
29.142 1.019
1/11/2017 3:45:00 AM 539100.000 66.252
17.069 149.239 34328.176
40456.352 26.010 27.510
29.131 1.019
1/11/2017 4:00:00 AM 540000.000 66.256
17.070 149.248 34315.363
40440.773 25.999 27.500
29.141 1.019
1/11/2017 4:15:00 AM 540900.000 66.254

17.070 149.243 34338.602
40468.000 26.018 27.518
29.122 1.019
1/11/2017 4:30:00 AM 541800.000 66.261
17.069 149.260 34363.887
40498.516 26.040 27.539
29.100 1.019
1/11/2017 4:45:00 AM 542700.000 66.271
17.070 149.281 34342.035
40472.367 26.021 27.521
29.119 1.019
1/11/2017 5:00:00 AM 543600.000 66.271
17.070 149.283 34315.805
40441.211 25.999 27.500
29.141 1.019
1/11/2017 5:15:00 AM 544500.000 66.277
17.070 149.296 34338.383
40467.820 26.018 27.518
29.122 1.019
1/11/2017 5:30:00 AM 545400.000 66.281
17.070 149.304 34311.824
40436.207 25.996 27.497
29.144 1.019
1/11/2017 5:45:00 AM 546300.000 66.286
17.071 149.315 34342.293
40471.863 26.021 27.521
29.119 1.019
1/11/2017 6:00:00 AM 547200.000 66.290
17.070 149.326 34381.953
40518.855 26.054 27.553
29.085 1.019
1/11/2017 6:15:00 AM 548100.000 66.299
17.070 149.346 34320.020
40446.102 26.003 27.503
29.138 1.019
1/11/2017 6:30:00 AM 549000.000 66.303
17.070 149.354 34352.414
40483.953 26.030 27.529
29.110 1.019
1/11/2017 6:45:00 AM 549900.000 66.308
17.070 149.365 34329.688
40457.336 26.011 27.511
29.129 1.019
1/11/2017 7:00:00 AM 550800.000 66.316
17.071 149.383 34339.848
40468.984 26.019 27.519
29.121 1.019
1/11/2017 7:15:00 AM 551700.000 66.320
17.071 149.393 34308.473
40431.777 25.992 27.494
29.147 1.019
1/11/2017 7:30:00 AM 552600.000 66.329
17.071 149.412 34345.957
40476.113 26.024 27.524
29.116 1.019
1/11/2017 7:45:00 AM 553500.000 66.333
17.071 149.422 34381.406

40517.645 26.054 27.552
29.085 1.019
1/11/2017 8:00:00 AM 554400.000 66.336
17.071 149.429 34361.410
40494.395 26.037 27.536
29.102 1.019
1/11/2017 8:15:00 AM 555300.000 66.347
17.070 149.453 34353.559
40485.543 26.031 27.530
29.109 1.019
1/11/2017 8:30:00 AM 556200.000 66.352
17.071 149.464 34346.191
40476.145 26.024 27.524
29.115 1.019
1/11/2017 8:45:00 AM 557100.000 66.353
17.071 149.468 34349.496
40480.039 26.027 27.526
29.113 1.019
1/11/2017 9:00:00 AM 558000.000 66.360
17.071 149.481 34325.973
40452.320 26.007 27.508
29.132 1.019
1/11/2017 9:15:00 AM 558900.000 66.367
17.071 149.497 34349.703
40480.207 26.027 27.527
29.112 1.019
1/11/2017 9:30:00 AM 559800.000 66.356
17.071 149.474 34363.488
40496.531 26.039 27.538
29.101 1.019
1/11/2017 9:45:00 AM 560700.000 66.332
17.071 149.420 34337.441
40465.523 26.017 27.517
29.123 1.019
1/11/2017 10:00:00 AM 561600.000 66.308
17.070 149.366 34338.211
40467.617 26.018 27.518
29.122 1.019
1/11/2017 10:15:00 AM 562500.000 66.288
17.071 149.320 34366.082
40499.586 26.041 27.540
29.098 1.019
1/11/2017 10:30:00 AM 563400.000 66.268
17.072 149.276 34350.098
40479.379 26.026 27.526
29.112 1.019
1/11/2017 10:45:00 AM 564300.000 66.256
17.074 149.249 34361.992
40492.125 26.036 27.535
29.102 1.019
1/11/2017 11:00:00 AM 565200.000 66.242
17.074 149.217 34382.918
40516.301 26.053 27.551
29.084 1.019
1/11/2017 11:15:00 AM 566100.000 66.227
17.075 149.183 34405.207
40542.164 26.071 27.569

29.065 1.019
1/11/2017 11:30:00 AM 567000.000 66.220
17.075 149.167 34437.285
40579.637 26.098 27.594
29.038 1.019
1/11/2017 11:45:00 AM 567900.000 66.206
17.074 149.136 34429.121
40570.590 26.091 27.588
29.045 1.019
1/11/2017 12:00:00 PM 568800.000 66.192
17.075 149.103 34454.637
40600.168 26.113 27.608
29.024 1.019
1/11/2017 12:15:00 PM 569700.000 66.177
17.075 149.071 34465.563
40613.285 26.122 27.617
29.014 1.019
1/11/2017 12:30:00 PM 570600.000 66.167
17.075 149.048 34473.781
40622.645 26.129 27.623
29.008 1.019
1/11/2017 12:45:00 PM 571500.000 66.154
17.075 149.018 34468.773
40616.742 26.124 27.619
29.012 1.019
1/11/2017 1:00:00 PM 572400.000 66.139
17.075 148.984 34486.395
40637.992 26.139 27.634
28.997 1.019
1/11/2017 1:15:00 PM 573300.000 66.125
17.075 148.954 34451.984
40596.879 26.110 27.606
29.026 1.019
1/11/2017 1:30:00 PM 574200.000 66.127
17.075 148.957 34439.375
40582.184 26.100 27.596
29.037 1.019
1/11/2017 1:45:00 PM 575100.000 66.101
17.075 148.899 34484.410
40635.492 26.138 27.632
28.999 1.019
1/11/2017 2:00:00 PM 576000.000 66.103
17.075 148.903 34486.691
40638.098 26.140 27.634
28.997 1.019
1/11/2017 2:15:00 PM 576900.000 66.079
17.075 148.848 34451.578
40596.965 26.110 27.606
29.026 1.019
1/11/2017 2:30:00 PM 577800.000 66.065
17.075 148.818 34460.285
40606.742 26.117 27.613
29.019 1.019
1/11/2017 2:45:00 PM 578700.000 66.052
17.075 148.788 34501.266
40655.113 26.152 27.645
28.984 1.019

1/11/2017 3:00:00 PM 579600.000 66.039
17.075 148.760 34475.852
40625.168 26.130 27.625
29.006 1.019
1/11/2017 3:15:00 PM 580500.000 66.031
17.075 148.740 34466.605
40614.430 26.123 27.618
29.014 1.019
1/11/2017 3:30:00 PM 581400.000 66.021
17.075 148.718 34483.738
40634.703 26.137 27.632
28.999 1.019
1/11/2017 3:45:00 PM 582300.000 66.011
17.075 148.696 34478.766
40628.762 26.133 27.628
29.003 1.019
1/11/2017 4:00:00 PM 583200.000 66.006
17.074 148.686 34444.180
40588.410 26.104 27.600
29.032 1.019
1/11/2017 4:15:00 PM 584100.000 66.008
17.075 148.689 34441.434
40584.852 26.102 27.598
29.035 1.019
1/11/2017 4:30:00 PM 585000.000 65.986
17.075 148.641 34474.402
40623.859 26.129 27.624
29.007 1.019
1/11/2017 4:45:00 PM 585900.000 65.984
17.075 148.636 34452.430
40597.887 26.111 27.607
29.026 1.019
1/11/2017 5:00:00 PM 586800.000 65.991
17.075 148.652 34479.531
40629.504 26.133 27.628
29.003 1.019
1/11/2017 5:15:00 PM 587700.000 65.977
17.075 148.619 34464.551
40612.168 26.121 27.616
29.015 1.019
1/11/2017 5:30:00 PM 588600.000 65.980
17.075 148.626 34443.445
40587.141 26.103 27.599
29.033 1.019
1/11/2017 5:45:00 PM 589500.000 65.973
17.075 148.611 34489.805
40641.609 26.142 27.636
28.994 1.019
1/11/2017 6:00:00 PM 590400.000 65.976
17.075 148.618 34465.363
40613.125 26.122 27.617
29.015 1.019
1/11/2017 6:15:00 PM 591300.000 65.968
17.075 148.600 34464.895
40612.414 26.121 27.616
29.015 1.019
1/11/2017 6:30:00 PM 592200.000 65.970

17.075 148.604 34504.477
40659.059 26.154 27.648
28.982 1.019
1/11/2017 6:45:00 PM 593100.000 65.969
17.074 148.601 34481.133
40632.121 26.135 27.630
29.001 1.019
1/11/2017 7:00:00 PM 594000.000 65.972
17.074 148.609 34471.766
40620.918 26.127 27.622
29.009 1.019
1/11/2017 7:15:00 PM 594900.000 65.981
17.074 148.629 34462.113
40609.785 26.119 27.615
29.017 1.019
1/11/2017 7:30:00 PM 595800.000 65.978
17.075 148.621 34460.867
40607.750 26.118 27.613
29.018 1.019
1/11/2017 7:45:00 PM 596700.000 65.984
17.075 148.635 34480.305
40630.656 26.134 27.629
29.002 1.019
1/11/2017 8:00:00 PM 597600.000 65.992
17.074 148.653 34462.270
40609.809 26.119 27.615
29.017 1.019
1/11/2017 8:15:00 PM 598500.000 66.005
17.074 148.683 34445.004
40589.625 26.105 27.601
29.032 1.019
1/11/2017 8:30:00 PM 599400.000 65.996
17.074 148.664 34459.680
40606.758 26.117 27.613
29.019 1.019
1/11/2017 8:45:00 PM 600300.000 66.001
17.074 148.674 34495.371
40648.734 26.147 27.641
28.989 1.019
1/11/2017 9:00:00 PM 601200.000 66.010
17.074 148.694 34459.207
40606.684 26.117 27.613
29.020 1.019
1/11/2017 9:15:00 PM 602100.000 66.009
17.074 148.691 34459.211
40606.289 26.117 27.612
29.020 1.019
1/11/2017 9:30:00 PM 603000.000 66.015
17.074 148.705 34452.281
40598.199 26.111 27.607
29.026 1.019
1/11/2017 9:45:00 PM 603900.000 66.022
17.074 148.722 34458.199
40605.250 26.116 27.612
29.021 1.019
1/11/2017 10:00:00 PM 604800.000 66.025
17.074 148.728 34428.406

40570.625 26.091 27.588
29.046 1.019
1/11/2017 10:15:00 PM 605700.000 66.032
17.074 148.743 34482.234
40633.574 26.136 27.631
29.000 1.019
1/11/2017 10:30:00 PM 606600.000 66.031
17.073 148.741 34439.914
40584.344 26.101 27.597
29.036 1.019
1/11/2017 10:45:00 PM 607500.000 66.038
17.074 148.758 34468.820
40617.527 26.125 27.620
29.012 1.019
1/11/2017 11:00:00 PM 608400.000 66.038
17.074 148.756 34436.789
40580.102 26.098 27.594
29.039 1.019
1/11/2017 11:15:00 PM 609300.000 66.034
17.074 148.747 34423.746
40564.648 26.087 27.584
29.050 1.019
1/11/2017 11:30:00 PM 610200.000 66.042
17.074 148.766 34456.406
40602.742 26.114 27.610
29.022 1.019
1/11/2017 11:45:00 PM 611100.000 66.039
17.074 148.760 34411.980
40550.867 26.077 27.575
29.060 1.019

Report Date: 1/16/2017 8:32:10 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-3S Pre Test_2017-01-12_08-51-53-168.wsl
Create Date: 1/12/2017 8:51:51 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-3S
Device Name:
Serial Number: 396211
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 3
Used Battery(%): 2

Log Configuration
Log Name: MPWSP MW-3S Pre Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/13/2015 6:58:13 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 3/13/2015 7:00:00 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: 44.5023 (ft)
Head Pressure: 19.756 (PSI)
Temperature: 17.1158 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

| Date and Time | Note |
|---|---|
| 3/13/2015 6:58:21 PM | Used Battery: 2% Used Memory: 6% User Name: nreynolds |
| 3/20/2015 4:02:16 PM | Log Download - Used Battery: 2% Used Memory: 6% User Name: GSSI |
| 3/27/2015 10:43:18 AM | Log Download - Used Battery: 2% Used Memory: 7% User Name: GSSI |
| 4/3/2015 1:47:20 PM | Log Download - Used Battery: 3% Used Memory: 7% User Name: ECrowWillard |
| 4/10/2015 8:44:27 AM | Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard |
| 4/17/2015 12:18:16 PM | Log Download - Used Battery: 4% Used Memory: 9% User Name: AKieta |
| 4/21/2015 2:05:08 PM | Log Download - Used Battery: 4% Used Memory: 9% User Name: ECrowWillard |
| 4/24/2015 11:08:41 AM | Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard |
| 4/24/2015 11:12:58 AM | Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard |
| 4/30/2015 2:05:50 PM | Log Download - Used Battery: 4% Used Memory: 10% User Name: GSSI |
| 5/7/2015 12:30:29 PM | Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 4/30/2015 2:00:00 PM |
| 5/14/2015 4:06:35 PM | Log Download - Used Battery: 5% Used Memory: 12% User Name: BDuarte |
| 5/21/2015 11:34:25 AM | Log Download - Used Battery: 5% Used Memory: 14% User Name: CShaw |
| 5/28/2015 9:06:35 AM | Log Download - Used Battery: 6% Used Memory: 14% User Name: ECrowWillard Interval - Start Time: 5/7/2015 12:30:00 PM |
| 6/4/2015 12:21:35 PM | Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte |
| 6/11/2015 11:48:09 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/4/2015 12:15:00 PM |
| 6/17/2015 8:00:33 AM | Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw Interval - Start Time: 5/21/2015 11:30:00 AM |
| 6/18/2015 8:47:14 AM | Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw |
| 6/25/2015 8:49:41 AM | Log Download - Used Battery: 7% Used Memory: 17% User Name: BDuarte Interval - Start Time: 6/11/2015 11:45:00 AM |
| 6/30/2015 11:08:57 AM | Log Download - Used Battery: 7% Used Memory: 18% User Name: BDuarte |
| 7/2/2015 9:20:45 AM | Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw |
| 7/7/2015 11:29:49 AM | Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw |
| 7/7/2015 11:41:02 AM | Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw |
| 7/9/2015 9:14:34 AM | Log Download - Used Battery: 8% Used Memory: 18% User Name: BDuarte Interval - Start Time: 6/30/2015 11:00:00 AM |
| 7/13/2015 12:23:25 PM | Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 9:00:00 AM |
| 7/16/2015 9:03:17 AM | Log Download - Used Battery: 8% Used Memory: 20% User Name: CShaw Interval - Start Time: 7/7/2015 11:30:00 AM |
| 7/23/2015 4:42:43 PM | Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar |
| 7/30/2015 10:25:24 AM | Log Download - Used Battery: 9% Used Memory: 21% User Name: BDuarte Interval - Start Time: 7/13/2015 12:15:00 PM |
| 8/6/2015 3:00:32 PM | Log Download - Used Battery: 10% Used Memory: 21% User Name: CShaw Interval - Start Time: 7/14/2015 2:15:00 PM Stop Time: 8/6/2015 1:30:00 PM |
| 8/13/2015 1:34:06 PM | Log Download - Used Battery: 10% Used Memory: 23% User Name: KMakar Interval - Start Time: 7/23/2015 4:30:00 PM |
| 8/20/2015 11:01:51 AM | Log Download - Used Battery: 10% Used Memory: 23% User Name: BDuarte Interval - Start Time: 7/30/2015 10:15:00 AM |
| 8/27/2015 10:58:35 AM | Log Download - Used Battery: 11% Used Memory: 25% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:55:00 AM |
| 9/3/2015 9:39:18 AM | Log Download - Used Battery: 11% Used Memory: 25% User Name: CShaw Interval - Start Time: 8/1/2015 6:10:00 PM Stop Time: 9/3/2015 9:30:00 AM |
| 9/10/2015 11:32:29 AM | Log Download - Used Battery: 11% Used Memory: 26% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:30:00 AM |
| 9/17/2015 10:53:29 AM | Log Download - Used Battery: 12% Used Memory: 28% User Name: KMakar |

Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:55:00 AM
9/24/2015 9:32:11 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: CShaw
Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM
10/1/2015 2:15:31 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: KMakar
Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 2:15:00 PM
10/8/2015 10:29:24 AM Log Download - Used Battery: 13% Used Memory: 29% User Name: CShaw
Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 10:30:00 PM
10/15/2015 1:16:08 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar
Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:15:00 PM
10/22/2015 11:17:58 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: CShaw
Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:15:00 PM
10/29/2015 3:30:30 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar
Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 3:30:00 PM
11/5/2015 2:29:05 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar
Interval - Start Time: 10/20/2015 7:45:00 AM Stop Time: 11/5/2015 2:30:00 PM
11/12/2015 10:01:46 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw
Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM
11/12/2015 10:03:57 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw
Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM
11/12/2015 10:11:46 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw
Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM
11/19/2015 3:27:59 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar
Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 3:30:00 PM
11/29/2015 9:54:20 AM Log Download - Used Battery: 15% Used Memory: 35% User Name: CShaw
Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:45:00 AM
12/3/2015 11:09:04 AM Log Download - Used Battery: 16% Used Memory: 35% User Name: KMakar
Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:08:00 AM
12/10/2015 9:22:13 AM Log Download - Used Battery: 16% Used Memory: 37% User Name: CShaw
Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 10:15:00 AM
12/17/2015 10:49:45 AM Log Download - Used Battery: 16% Used Memory: 37% User Name: KMakar
Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:45:00 AM
1/3/2016 10:43:45 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: CShaw
Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:30:00 AM
1/7/2016 10:40:19 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar
Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:45:00 AM
1/14/2016 8:38:26 AM Log Download - Used Battery: 18% Used Memory: 40% User Name: KMakar
Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:30:00 AM
1/21/2016 12:00:30 PM Log Download - Used Battery: 18% Used Memory: 42% User Name: KMakar
Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 12:00:00 PM
1/28/2016 2:16:17 PM Log Download - Used Battery: 19% Used Memory: 42% User Name: KMakar
Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:15:00 PM
2/4/2016 9:33:23 AM Log Download - Used Battery: 19% Used Memory: 43% User Name: CShaw
Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:30:00 AM
2/11/2016 9:16:42 AM Log Download - Used Battery: 19% Used Memory: 45% User Name: CShaw
Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:15:00 AM
2/18/2016 9:09:02 AM Log Download - Used Battery: 20% Used Memory: 45% User Name: CShaw
Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 10:00:00 AM
2/25/2016 12:22:33 PM Log Download - Used Battery: 20% Used Memory: 46% User Name: KMakar
Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:15:00 PM
3/3/2016 9:37:12 AM Log Download - Used Battery: 20% Used Memory: 46% User Name: SKuiper
Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 10:30:00 AM
3/10/2016 10:21:09 AM Log Download - Used Battery: 21% Used Memory: 48% User Name: KMakar
Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 10:15:00 AM
3/17/2016 7:50:54 PM Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper
Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 7:45:00 PM
3/24/2016 1:10:13 PM Log Download - Used Battery: 21% Used Memory: 50% User Name: KMakar
Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:00:00 PM

3/31/2016 8:26:16 AM Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper
Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:00:00 AM
4/7/2016 1:15:37 PM Log Download - Used Battery: 22% Used Memory: 51% User Name: KMakar
Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:15:00 PM

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Log Data:
Record Count: 715
Sensors: 1
1 - 396211: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

| | | | | | |
|---|---|---|---|---|---|
| | 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 | | | | | |
| | Elapsed Time | SN#: 396211 | | SN#: 396211 | |
| SN#: 396211 | | SN#: 396211 | | SN#: 396211 | |
| SN#: 396211 | | SN#: 396211 | | SN#: 396211 | |
| SN#: 396211 | | | | | |
| Date and 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) | | | | | |
| 1/5/2017 12:00:00 AM | 7200.000 | 19.963 | | 17.306 | |
| 44.968 | | 33853.930 | | 39685.676 | |
| 25.473 | | 26.986 | | 29.539 | |
| 1.018 | | | | | |
| 1/5/2017 12:15:00 AM | 8100.000 | 19.965 | | 17.306 | |
| 44.973 | | 33840.230 | | 39670.164 | |
| 25.462 | | 26.976 | | 29.551 | |
| 1.018 | | | | | |
| 1/5/2017 12:30:00 AM | 9000.000 | 19.962 | | 17.306 | |
| 44.967 | | 33802.965 | | 39626.172 | |
| 25.431 | | 26.946 | | 29.583 | |
| 1.018 | | | | | |
| 1/5/2017 12:45:00 AM | 9900.000 | 19.961 | | 17.307 | |
| 44.964 | | 33846.988 | | 39677.383 | |
| 25.467 | | 26.981 | | 29.545 | |
| 1.018 | | | | | |
| 1/5/2017 1:00:00 AM | 10800.000 | 19.960 | | 17.306 | |
| 44.962 | | 33833.137 | | 39661.918 | |
| 25.456 | | 26.970 | | 29.557 | |
| 1.018 | | | | | |
| 1/5/2017 1:15:00 AM | 11700.000 | 19.961 | | 17.306 | |
| 44.964 | | 33849.559 | | 39680.477 | |
| 25.469 | | 26.983 | | 29.542 | |
| 1.018 | | | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 19.965 | | 17.305 | |
| 44.973 | | 33802.492 | | 39626.625 | |
| 25.431 | | 26.946 | | 29.584 | |

1.018
1/5/2017 1:45:00 AM 13500.000 19.960 17.305
44.962 33802.891 39627.090
25.431 26.946 29.583
1.018
1/5/2017 2:00:00 AM 14400.000 19.962 17.305
44.967 33852.922 39685.891
25.473 26.986 29.540
1.018
1/5/2017 2:15:00 AM 15300.000 19.960 17.304
44.962 33798.512 39622.660
25.428 26.943 29.587
1.018
1/5/2017 2:30:00 AM 16200.000 19.966 17.302
44.975 33817.809 39646.988
25.445 26.960 29.570
1.018
1/5/2017 2:45:00 AM 17100.000 19.960 17.302
44.961 33836.719 39669.398
25.461 26.975 29.554
1.018
1/5/2017 3:00:00 AM 18000.000 19.959 17.302
44.960 33816.180 39645.012
25.444 26.959 29.572
1.018
1/5/2017 3:15:00 AM 18900.000 19.959 17.301
44.959 33815.773 39646.008
25.444 26.959 29.572
1.018
1/5/2017 3:30:00 AM 19800.000 19.960 17.300
44.961 33828.109 39660.625
25.455 26.969 29.561
1.018
1/5/2017 3:45:00 AM 20700.000 19.958 17.300
44.956 33833.035 39666.555
25.459 26.973 29.557
1.018
1/5/2017 4:00:00 AM 21600.000 19.962 17.299
44.967 33829.973 39664.059
25.457 26.972 29.560
1.018
1/5/2017 4:15:00 AM 22500.000 19.962 17.298
44.966 33842.059 39679.242
25.468 26.982 29.549
1.018
1/5/2017 4:30:00 AM 23400.000 19.960 17.297
44.962 33784.891 39613.371
25.421 26.937 29.599
1.018
1/5/2017 4:45:00 AM 24300.000 19.961 17.294
44.965 33815.629 39651.363
25.448 26.963 29.572
1.018
1/5/2017 5:00:00 AM 25200.000 19.961 17.295
44.964 33839.500 39679.043
25.468 26.982 29.551
1.018

1/5/2017 5:15:00 AM 26100.000 19.961 17.298
44.965 33806.465 39637.512
25.438 26.954 29.580
1.018
1/5/2017 5:30:00 AM 27000.000 19.959 17.296
44.959 33828.285 39664.734
25.458 26.972 29.561
1.018
1/5/2017 5:45:00 AM 27900.000 19.960 17.295
44.961 33824.098 39660.434
25.454 26.969 29.565
1.018
1/5/2017 6:00:00 AM 28800.000 19.958 17.295
44.958 33823.293 39659.418
25.454 26.968 29.565
1.018
1/5/2017 6:15:00 AM 29700.000 19.961 17.293
44.964 33833.934 39674.227
25.464 26.978 29.556
1.018
1/5/2017 6:30:00 AM 30600.000 19.956 17.291
44.953 33824.855 39665.066
25.458 26.972 29.564
1.018
1/5/2017 6:45:00 AM 31500.000 19.958 17.291
44.956 33800.328 39636.066
25.437 26.953 29.586
1.018
1/5/2017 7:00:00 AM 32400.000 19.957 17.291
44.956 33830.793 39672.184
25.463 26.977 29.559
1.018
1/5/2017 7:15:00 AM 33300.000 19.956 17.291
44.952 33829.539 39670.637
25.462 26.976 29.560
1.018
1/5/2017 7:30:00 AM 34200.000 19.957 17.290
44.955 33827.266 39668.750
25.460 26.975 29.562
1.018
1/5/2017 7:45:00 AM 35100.000 19.958 17.291
44.956 33852.813 39697.930
25.481 26.995 29.540
1.018
1/5/2017 8:00:00 AM 36000.000 19.954 17.290
44.949 33824.926 39666.164
25.458 26.973 29.564
1.018
1/5/2017 8:15:00 AM 36900.000 19.955 17.291
44.951 33836.457 39678.434
25.467 26.981 29.554
1.018
1/5/2017 8:30:00 AM 37800.000 19.955 17.291
44.950 33817.320 39656.387
25.451 26.966 29.571
1.018
1/5/2017 8:45:00 AM 38700.000 19.951 17.292

44.941 33824.098 39663.160
25.456 26.971 29.565
1.018
1/5/2017 9:00:00 AM 39600.000 19.953 17.292
44.947 33854.680 39699.340
25.482 26.996 29.538
1.018
1/5/2017 9:15:00 AM 40500.000 19.949 17.290
44.938 33825.129 39666.008
25.458 26.973 29.564
1.018
1/5/2017 9:30:00 AM 41400.000 19.950 17.291
44.939 33812.070 39649.996
25.447 26.962 29.575
1.018
1/5/2017 9:45:00 AM 42300.000 19.951 17.292
44.941 33846.320 39689.930
25.475 26.989 29.545
1.018
1/5/2017 10:00:00 AM 43200.000 19.951 17.293
44.941 33841.594 39682.984
25.470 26.984 29.549
1.018
1/5/2017 10:15:00 AM 44100.000 19.949 17.292
44.938 33831.188 39671.633
25.462 26.977 29.559
1.018
1/5/2017 10:30:00 AM 45000.000 19.949 17.294
44.938 33839.578 39679.914
25.468 26.982 29.551
1.018
1/5/2017 10:45:00 AM 45900.000 19.949 17.294
44.936 33844.855 39686.027
25.473 26.986 29.547
1.018
1/5/2017 11:00:00 AM 46800.000 19.947 17.296
44.933 33811.145 39644.395
25.443 26.958 29.576
1.018
1/5/2017 11:15:00 AM 47700.000 19.953 17.297
44.947 33834.461 39671.418
25.462 26.977 29.556
1.018
1/5/2017 11:30:00 AM 48600.000 19.948 17.297
44.934 33851.086 39691.070
25.476 26.990 29.541
1.018
1/5/2017 11:45:00 AM 49500.000 19.950 17.298
44.939 33820.352 39653.395
25.450 26.964 29.568
1.018
1/5/2017 12:00:00 PM 50400.000 19.950 17.298
44.939 33851.023 39689.289
25.475 26.989 29.541
1.018
1/5/2017 12:15:00 PM 51300.000 19.949 17.300
44.938 33833.824 39668.098

25.460 26.974 29.556
1.018
1/5/2017 12:30:00 PM 52200.000 19.947 17.301
44.932 33811.332 39640.719
25.441 26.956 29.576
1.018
1/5/2017 12:45:00 PM 53100.000 19.950 17.300
44.939 33825.699 39658.109
25.453 26.968 29.563
1.018
1/5/2017 1:00:00 PM 54000.000 19.952 17.301
44.943 33810.012 39638.715
25.439 26.954 29.577
1.018
1/5/2017 1:15:00 PM 54900.000 19.948 17.302
44.935 33848.207 39683.172
25.471 26.985 29.544
1.018
1/5/2017 1:30:00 PM 55800.000 19.949 17.302
44.936 33813.023 39641.848
25.442 26.956 29.574
1.018
1/5/2017 1:45:00 PM 56700.000 19.946 17.302
44.929 33813.301 39642.328
25.442 26.957 29.574
1.018
1/5/2017 2:00:00 PM 57600.000 19.947 17.302
44.932 33843.055 39676.977
25.467 26.980 29.548
1.018
1/5/2017 2:15:00 PM 58500.000 19.946 17.303
44.931 33821.984 39651.418
25.448 26.963 29.567
1.018
1/5/2017 2:30:00 PM 59400.000 19.949 17.303
44.938 33810.297 39637.340
25.438 26.953 29.577
1.018
1/5/2017 2:45:00 PM 60300.000 19.946 17.304
44.929 33856.957 39691.023
25.477 26.990 29.536
1.018
1/5/2017 3:00:00 PM 61200.000 19.949 17.302
44.936 33826.629 39657.645
25.453 26.967 29.563
1.018
1/5/2017 3:15:00 PM 62100.000 19.953 17.301
44.947 33837.883 39671.543
25.463 26.977 29.553
1.018
1/5/2017 3:30:00 PM 63000.000 19.946 17.301
44.931 33853.445 39689.707
25.476 26.989 29.539
1.018
1/5/2017 3:45:00 PM 63900.000 19.946 17.303
44.929 33842.254 39675.262
25.465 26.979 29.549

1.018
1/5/2017 4:00:00 PM 64800.000 19.946 17.304
44.931 33845.770 39678.605
25.468 26.981 29.546
1.018
1/5/2017 4:15:00 PM 65700.000 19.944 17.303
44.925 33820.488 39649.199
25.447 26.961 29.568
1.018
1/5/2017 4:30:00 PM 66600.000 19.943 17.301
44.924 33813.625 39643.020
25.442 26.957 29.574
1.018
1/5/2017 4:45:00 PM 67500.000 19.943 17.303
44.924 33822.000 39650.895
25.448 26.963 29.567
1.018
1/5/2017 5:00:00 PM 68400.000 19.944 17.303
44.926 33846.395 39679.723
25.469 26.982 29.545
1.018
1/5/2017 5:15:00 PM 69300.000 19.946 17.302
44.931 33812.141 39640.656
25.441 26.956 29.575
1.018
1/5/2017 5:30:00 PM 70200.000 19.946 17.301
44.929 33832.500 39664.910
25.458 26.972 29.557
1.018
1/5/2017 5:45:00 PM 71100.000 19.942 17.301
44.922 33825.406 39656.594
25.452 26.966 29.564
1.018
1/5/2017 6:00:00 PM 72000.000 19.940 17.302
44.917 33872.902 39712.047
25.491 27.004 29.522
1.018
1/5/2017 6:15:00 PM 72900.000 19.944 17.301
44.925 33840.746 39675.129
25.465 26.979 29.550
1.018
1/5/2017 6:30:00 PM 73800.000 19.941 17.301
44.918 33824.012 39654.961
25.451 26.965 29.565
1.018
1/5/2017 6:45:00 PM 74700.000 19.942 17.304
44.921 33852.000 39685.680
25.473 26.986 29.540
1.018
1/5/2017 7:00:00 PM 75600.000 19.938 17.304
44.912 33852.375 39685.965
25.473 26.986 29.540
1.018
1/5/2017 7:15:00 PM 76500.000 19.940 17.303
44.916 33844.211 39677.633
25.467 26.981 29.547
1.018

1/5/2017 7:30:00 PM 77400.000 19.942 17.303
44.921 33855.227 39690.234
25.476 26.989 29.538
1.018
1/5/2017 7:45:00 PM 78300.000 19.939 17.304
44.914 33844.570 39676.727
25.466 26.980 29.547
1.018
1/5/2017 8:00:00 PM 79200.000 19.936 17.304
44.909 33845.629 39678.129
25.467 26.981 29.546
1.018
1/5/2017 8:15:00 PM 80100.000 19.941 17.306
44.920 33794.520 39616.492
25.424 26.939 29.591
1.018
1/5/2017 8:30:00 PM 81000.000 19.941 17.306
44.918 33801.902 39624.926
25.430 26.945 29.584
1.018
1/5/2017 8:45:00 PM 81900.000 19.937 17.307
44.911 33850.652 39681.063
25.470 26.983 29.542
1.018
1/5/2017 9:00:00 PM 82800.000 19.936 17.308
44.909 33826.145 39651.703
25.449 26.963 29.563
1.018
1/5/2017 9:15:00 PM 83700.000 19.936 17.308
44.909 33847.082 39675.934
25.466 26.980 29.545
1.018
1/5/2017 9:30:00 PM 84600.000 19.934 17.310
44.903 33878.652 39711.695
25.492 27.004 29.517
1.018
1/5/2017 9:45:00 PM 85500.000 19.937 17.310
44.911 33824.336 39647.867
25.446 26.961 29.565
1.018
1/5/2017 10:00:00 PM 86400.000 19.933 17.310
44.902 33835.527 39660.906
25.455 26.969 29.555
1.018
1/5/2017 10:15:00 PM 87300.000 19.935 17.312
44.906 33885.508 39717.938
25.496 27.008 29.511
1.018
1/5/2017 10:30:00 PM 88200.000 19.930 17.312
44.895 33858.828 39686.664
25.474 26.987 29.534
1.018
1/5/2017 10:45:00 PM 89100.000 19.934 17.314
44.904 33861.207 39687.348
25.474 26.987 29.532
1.018
1/5/2017 11:00:00 PM 90000.000 19.935 17.314

| | | | |
|---|---|---|---|
| 44.905 | 33855.984 | 39681.543 | |
| 25.470 | 26.983 | 29.537 | |
| 1.018 | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 19.936 | 17.313 |
| 44.907 | 33831.703 | 39653.633 | |
| 25.450 | 26.964 | 29.558 | |
| 1.018 | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 19.933 | 17.315 |
| 44.900 | 33837.352 | 39658.688 | |
| 25.454 | 26.968 | 29.553 | |
| 1.018 | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 19.931 | 17.316 |
| 44.897 | 33857.621 | 39681.820 | |
| 25.471 | 26.984 | 29.535 | |
| 1.018 | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 19.928 | 17.315 |
| 44.889 | 33837.559 | 39659.246 | |
| 25.454 | 26.968 | 29.553 | |
| 1.018 | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 19.932 | 17.316 |
| 44.900 | 33837.992 | 39658.504 | |
| 25.454 | 26.968 | 29.553 | |
| 1.018 | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 19.932 | 17.317 |
| 44.898 | 33821.004 | 39637.504 | |
| 25.439 | 26.954 | 29.567 | |
| 1.018 | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 19.929 | 17.316 |
| 44.892 | 33857.141 | 39680.559 | |
| 25.470 | 26.983 | 29.536 | |
| 1.018 | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 19.932 | 17.316 |
| 44.899 | 33861.066 | 39685.637 | |
| 25.473 | 26.986 | 29.532 | |
| 1.018 | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 19.929 | 17.316 |
| 44.892 | 33855.480 | 39678.926 | |
| 25.469 | 26.982 | 29.537 | |
| 1.018 | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 19.930 | 17.315 |
| 44.893 | 33814.305 | 39631.441 | |
| 25.435 | 26.949 | 29.573 | |
| 1.018 | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 19.928 | 17.315 |
| 44.889 | 33814.590 | 39631.930 | |
| 25.435 | 26.950 | 29.573 | |
| 1.018 | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 19.929 | 17.315 |
| 44.892 | 33855.895 | 39680.340 | |
| 25.469 | 26.983 | 29.537 | |
| 1.018 | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 19.929 | 17.316 |
| 44.892 | 33855.406 | 39679.160 | |
| 25.469 | 26.982 | 29.537 | |
| 1.018 | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 19.929 | 17.314 |
| 44.892 | 33803.957 | 39620.246 | |

| | | | |
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| 25.427 | 26.942 | 29.582 | |
| 1.018 | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 19.927 | 17.314 |
| 44.887 | 33846.254 | 39670.055 | |
| 25.462 | 26.976 | 29.545 | |
| 1.018 | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 19.925 | 17.313 |
| 44.883 | 33832.137 | 39653.832 | |
| 25.451 | 26.965 | 29.558 | |
| 1.018 | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 19.928 | 17.314 |
| 44.889 | 33831.570 | 39652.930 | |
| 25.450 | 26.964 | 29.558 | |
| 1.018 | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 19.927 | 17.311 |
| 44.887 | 33847.996 | 39674.281 | |
| 25.465 | 26.979 | 29.544 | |
| 1.018 | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 19.928 | 17.310 |
| 44.890 | 33812.625 | 39634.297 | |
| 25.437 | 26.951 | 29.575 | |
| 1.018 | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 19.930 | 17.310 |
| 44.893 | 33843.102 | 39670.102 | |
| 25.462 | 26.976 | 29.548 | |
| 1.018 | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 19.923 | 17.308 |
| 44.878 | 33815.168 | 39639.066 | |
| 25.440 | 26.955 | 29.573 | |
| 1.018 | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 19.926 | 17.305 |
| 44.886 | 33877.402 | 39714.055 | |
| 25.493 | 27.006 | 29.518 | |
| 1.018 | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 19.922 | 17.306 |
| 44.876 | 33840.145 | 39669.820 | |
| 25.462 | 26.975 | 29.551 | |
| 1.018 | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 19.923 | 17.306 |
| 44.879 | 33825.770 | 39653.215 | |
| 25.450 | 26.964 | 29.563 | |
| 1.018 | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 19.922 | 17.307 |
| 44.877 | 33829.953 | 39657.176 | |
| 25.453 | 26.967 | 29.560 | |
| 1.018 | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 19.925 | 17.305 |
| 44.883 | 33821.656 | 39648.617 | |
| 25.447 | 26.961 | 29.567 | |
| 1.018 | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 19.929 | 17.305 |
| 44.892 | 33822.172 | 39649.773 | |
| 25.447 | 26.962 | 29.566 | |
| 1.018 | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 19.924 | 17.303 |
| 44.880 | 33821.242 | 39650.320 | |
| 25.448 | 26.962 | 29.567 | |

1.018
1/6/2017 6:15:00 AM 116100.000 19.925 17.300
44.884 33838.801 39673.316
25.464 26.978 29.552
1.018
1/6/2017 6:30:00 AM 117000.000 19.923 17.300
44.878 33833.188 39667.129
25.459 26.974 29.557
1.018
1/6/2017 6:45:00 AM 117900.000 19.924 17.298
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25.487 27.000 29.529
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1/6/2017 7:00:00 AM 118800.000 19.922 17.298
44.877 33817.867 39650.723
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1/6/2017 7:30:00 AM 120600.000 19.921 17.297
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44.875 33835.422 39672.078
25.463 26.977 29.555
1.018
1/6/2017 8:30:00 AM 124200.000 19.923 17.296
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25.444 26.959 29.575
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1/6/2017 8:45:00 AM 125100.000 19.919 17.295
44.869 33820.109 39655.926
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1.018
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25.463 26.977 29.555
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44.866 33861.211 39703.023
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44.863 33849.438 39689.449
25.475 26.989 29.543
1.018

1/6/2017 9:45:00 AM 128700.000 19.920 17.297
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39669.254 25.461 26.975
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39692.523 25.477 26.991
29.538 1.018
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39651.223 25.448 26.963
29.568 1.018
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17.301 44.866 33862.387
39700.426 25.483 26.996
29.531 1.018
1/6/2017 11:00:00 AM 133200.000 19.917
17.301 44.865 33846.496
39681.320 25.470 26.983
29.545 1.018
1/6/2017 11:15:00 AM 134100.000 19.917
17.302 44.865 33837.164
39669.918 25.462 26.976
29.553 1.018
1/6/2017 11:30:00 AM 135000.000 19.918
17.304 44.868 33846.941
39679.898 25.469 26.982
29.545 1.018
1/6/2017 11:45:00 AM 135900.000 19.917
17.305 44.864 33848.512
39680.344 25.469 26.983
29.543 1.018
1/6/2017 12:00:00 PM 136800.000 19.920
17.305 44.871 33862.875
39697.023 25.481 26.994
29.531 1.018
1/6/2017 12:15:00 PM 137700.000 19.918
17.307 44.866 33843.785
39673.316 25.464 26.978
29.548 1.018
1/6/2017 12:30:00 PM 138600.000 19.915
17.308 44.859 33864.453
39696.766 25.481 26.994
29.529 1.018
1/6/2017 12:45:00 PM 139500.000 19.917
17.310 44.865 33889.953
39725.098 25.501 27.013
29.507 1.018
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44.861 33844.801 39671.480
25.463 26.977 29.547
1.018
1/6/2017 1:15:00 PM 141300.000 19.915 17.312

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| 44.861 | 33871.004 | 39701.020 | |
| 25.484 | 26.997 | 29.524 | |
| 1.018 | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 19.915 | 17.312 |
| 44.861 | 33835.180 | 39658.406 | |
| 25.454 | 26.968 | 29.555 | |
| 1.018 | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 19.917 | 17.314 |
| 44.864 | 33847.074 | 39671.258 | |
| 25.463 | 26.976 | 29.545 | |
| 1.018 | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 19.912 | 17.314 |
| 44.854 | 33866.711 | 39693.879 | |
| 25.479 | 26.992 | 29.528 | |
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| 1/6/2017 2:15:00 PM | 144900.000 | 19.915 | 17.315 |
| 44.859 | 33894.035 | 39725.281 | |
| 25.501 | 27.013 | 29.504 | |
| 1.018 | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 19.913 | 17.314 |
| 44.856 | 33839.500 | 39661.984 | |
| 25.456 | 26.970 | 29.551 | |
| 1.018 | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 19.909 | 17.315 |
| 44.848 | 33848.199 | 39671.023 | |
| 25.463 | 26.976 | 29.544 | |
| 1.018 | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 19.915 | 17.315 |
| 44.861 | 33821.879 | 39640.086 | |
| 25.441 | 26.955 | 29.567 | |
| 1.018 | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 19.913 | 17.315 |
| 44.856 | 33859.012 | 39683.695 | |
| 25.472 | 26.985 | 29.534 | |
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| 1/6/2017 3:30:00 PM | 149400.000 | 19.911 | 17.315 |
| 44.852 | 33816.809 | 39634.848 | |
| 25.437 | 26.952 | 29.571 | |
| 1.018 | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 19.907 | 17.314 |
| 44.842 | 33863.207 | 39689.770 | |
| 25.476 | 26.989 | 29.531 | |
| 1.018 | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 19.913 | 17.315 |
| 44.857 | 33851.953 | 39675.723 | |
| 25.466 | 26.979 | 29.540 | |
| 1.018 | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 19.913 | 17.315 |
| 44.855 | 33894.285 | 39725.730 | |
| 25.502 | 27.013 | 29.503 | |
| 1.018 | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 19.912 | 17.314 |
| 44.854 | 33856.191 | 39681.547 | |
| 25.470 | 26.983 | 29.537 | |
| 1.018 | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 19.909 | 17.314 |
| 44.847 | 33847.297 | 39671.207 | |

| | | | |
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| 25.463 | 26.976 | 29.544 | |
| 1.018 | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 19.911 | 17.315 |
| 44.852 | 33840.691 | 39662.840 | |
| 25.457 | 26.971 | 29.550 | |
| 1.018 | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 19.920 | 17.314 |
| 44.871 | 33874.004 | 39702.344 | |
| 25.485 | 26.998 | 29.521 | |
| 1.018 | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 19.910 | 17.314 |
| 44.850 | 33830.996 | 39652.172 | |
| 25.449 | 26.963 | 29.559 | |
| 1.018 | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 19.910 | 17.312 |
| 44.850 | 33873.668 | 39703.520 | |
| 25.486 | 26.998 | 29.521 | |
| 1.018 | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 19.913 | 17.312 |
| 44.856 | 33861.238 | 39689.648 | |
| 25.476 | 26.989 | 29.532 | |
| 1.018 | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 19.909 | 17.312 |
| 44.847 | 33850.207 | 39676.242 | |
| 25.466 | 26.980 | 29.542 | |
| 1.018 | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 19.909 | 17.313 |
| 44.846 | 33858.027 | 39684.719 | |
| 25.473 | 26.986 | 29.535 | |
| 1.018 | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 19.909 | 17.312 |
| 44.846 | 33884.910 | 39717.238 | |
| 25.496 | 27.008 | 29.512 | |
| 1.018 | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 19.909 | 17.311 |
| 44.846 | 33867.570 | 39697.152 | |
| 25.481 | 26.994 | 29.527 | |
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| 1/6/2017 7:15:00 PM | 162900.000 | 19.906 | 17.311 |
| 44.841 | 33861.469 | 39690.309 | |
| 25.476 | 26.989 | 29.532 | |
| 1.018 | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 19.908 | 17.311 |
| 44.845 | 33844.848 | 39671.297 | |
| 25.463 | 26.976 | 29.547 | |
| 1.018 | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 19.905 | 17.311 |
| 44.839 | 33873.895 | 39705.098 | |
| 25.487 | 26.999 | 29.521 | |
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| 1/6/2017 8:00:00 PM | 165600.000 | 19.908 | 17.311 |
| 44.845 | 33857.813 | 39686.336 | |
| 25.474 | 26.987 | 29.535 | |
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| 1/6/2017 8:15:00 PM | 166500.000 | 19.903 | 17.310 |
| 44.833 | 33855.805 | 39684.445 | |
| 25.472 | 26.985 | 29.537 | |

1.018
1/6/2017 8:30:00 PM 167400.000 19.910 17.311
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25.479 26.992 29.530
1.018
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1.018
1/6/2017 9:00:00 PM 169200.000 19.909 17.312
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25.481 26.994 29.527
1.018
1/6/2017 9:15:00 PM 170100.000 19.906 17.312
44.840 33848.730 39674.355
25.465 26.979 29.543
1.018
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44.841 33865.871 39694.691
25.480 26.992 29.528
1.018
1/6/2017 9:45:00 PM 171900.000 19.905 17.313
44.839 33863.066 39690.938
25.477 26.990 29.531
1.018
1/6/2017 10:00:00 PM 172800.000 19.901
17.314 44.830 33855.852
39680.840 25.470 26.983
29.537 1.018
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39681.598 25.470 26.983
29.537 1.018
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17.315 44.831 33855.305
39679.648 25.469 26.982
29.537 1.018
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17.313 44.841 33847.008
39671.648 25.463 26.977
29.545 1.018
1/6/2017 11:00:00 PM 176400.000 19.903
17.314 44.834 33866.000
39693.438 25.479 26.992
29.528 1.018
1/6/2017 11:15:00 PM 177300.000 19.907
17.315 44.843 33861.496
39686.676 25.474 26.987
29.532 1.018
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17.316 44.836 33857.730
39681.793 25.471 26.984
29.535 1.018
1/6/2017 11:45:00 PM 179100.000 19.898
17.316 44.822 33837.211
39657.203 25.453 26.967
29.553 1.018

1/7/2017 12:00:00 AM 180000.000 19.901
17.316 44.829 33833.375
39653.094 25.450 26.964
29.557 1.018
1/7/2017 12:15:00 AM 180900.000 19.906
17.316 44.840 33840.207
39661.258 25.456 26.970
29.551 1.018
1/7/2017 12:30:00 AM 181800.000 19.903
17.317 44.834 33863.266
39687.273 25.474 26.987
29.531 1.018
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17.317 44.838 33845.355
39666.043 25.459 26.973
29.546 1.018
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44.839 33835.879 39655.176
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1.018
1/7/2017 1:15:00 AM 184500.000 19.902 17.316
44.831 33849.801 39671.957
25.464 26.977 29.542
1.018
1/7/2017 1:30:00 AM 185400.000 19.903 17.316
44.834 33843.063 39664.293
25.458 26.972 29.548
1.018
1/7/2017 1:45:00 AM 186300.000 19.904 17.317
44.836 33824.340 39641.496
25.442 26.956 29.565
1.018
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44.831 33842.945 39663.457
25.458 26.971 29.548
1.018
1/7/2017 2:15:00 AM 188100.000 19.901 17.316
44.830 33861.633 39685.824
25.473 26.986 29.532
1.018
1/7/2017 2:30:00 AM 189000.000 19.904 17.315
44.835 33826.473 39645.559
25.445 26.959 29.563
1.018
1/7/2017 2:45:00 AM 189900.000 19.901 17.315
44.830 33828.297 39648.313
25.447 26.961 29.561
1.018
1/7/2017 3:00:00 AM 190800.000 19.901 17.314
44.830 33859.219 39685.098
25.473 26.986 29.534
1.018
1/7/2017 3:15:00 AM 191700.000 19.902 17.316
44.831 33881.434 39709.730
25.490 27.003 29.515
1.018
1/7/2017 3:30:00 AM 192600.000 19.905 17.315

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| 25.453 | 26.967 | 29.555 | |
| 1.018 | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 19.899 | 17.313 |
| 44.825 | 33865.063 | 39692.875 | |
| 25.478 | 26.991 | 29.529 | |
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| 1/7/2017 4:00:00 AM | 194400.000 | 19.905 | 17.312 |
| 44.837 | 33850.988 | 39677.004 | |
| 25.467 | 26.980 | 29.541 | |
| 1.018 | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 19.903 | 17.310 |
| 44.834 | 33862.867 | 39692.723 | |
| 25.478 | 26.991 | 29.531 | |
| 1.018 | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 19.899 | 17.311 |
| 44.824 | 33868.617 | 39699.078 | |
| 25.483 | 26.995 | 29.526 | |
| 1.018 | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 19.901 | 17.311 |
| 44.830 | 33862.207 | 39691.398 | |
| 25.477 | 26.990 | 29.531 | |
| 1.018 | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 19.901 | 17.308 |
| 44.830 | 33848.039 | 39677.367 | |
| 25.467 | 26.981 | 29.544 | |
| 1.018 | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 19.902 | 17.307 |
| 44.831 | 33880.953 | 39716.656 | |
| 25.495 | 27.007 | 29.515 | |
| 1.018 | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 19.901 | 17.307 |
| 44.830 | 33854.922 | 39686.684 | |
| 25.474 | 26.987 | 29.538 | |
| 1.018 | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 19.897 | 17.307 |
| 44.821 | 33845.383 | 39675.426 | |
| 25.466 | 26.979 | 29.546 | |
| 1.018 | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 19.902 | 17.305 |
| 44.831 | 33860.793 | 39695.121 | |
| 25.480 | 26.993 | 29.533 | |
| 1.018 | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 19.902 | 17.303 |
| 44.831 | 33825.992 | 39655.887 | |
| 25.452 | 26.966 | 29.563 | |
| 1.018 | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 19.901 | 17.302 |
| 44.828 | 33882.832 | 39723.609 | |
| 25.500 | 27.012 | 29.513 | |
| 1.018 | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 19.900 | 17.299 |
| 44.826 | 33836.680 | 39671.922 | |
| 25.463 | 26.977 | 29.554 | |
| 1.018 | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 19.905 | 17.298 |
| 44.838 | 33849.418 | 39688.027 | |

25.474 26.988 29.543
1.018
1/7/2017 7:15:00 AM 206100.000 19.904 17.295
44.836 33860.453 39703.063
25.485 26.998 29.533
1.018
1/7/2017 7:30:00 AM 207000.000 19.900 17.293
44.826 33868.465 39714.492
25.493 27.006 29.526
1.018
1/7/2017 7:45:00 AM 207900.000 19.899 17.294
44.825 33876.945 39724.035
25.500 27.012 29.519
1.018
1/7/2017 8:00:00 AM 208800.000 19.902 17.292
44.831 33865.773 39712.496
25.491 27.004 29.528
1.018
1/7/2017 8:15:00 AM 209700.000 19.901 17.293
44.830 33837.281 39678.082
25.467 26.981 29.553
1.018
1/7/2017 8:30:00 AM 210600.000 19.902 17.290
44.831 33818.773 39659.023
25.453 26.968 29.569
1.018
1/7/2017 8:45:00 AM 211500.000 19.898 17.291
44.823 33844.332 39688.297
25.474 26.988 29.547
1.018
1/7/2017 9:00:00 AM 212400.000 19.898 17.291
44.822 33835.219 39676.980
25.466 26.980 29.555
1.018
1/7/2017 9:15:00 AM 213300.000 19.899 17.291
44.824 33884.305 39734.781
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1.018
1/7/2017 9:30:00 AM 214200.000 19.898 17.289
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25.492 27.005 29.529
1.018
1/7/2017 9:45:00 AM 215100.000 19.899 17.289
44.825 33868.066 39717.766
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1.018
1/7/2017 10:00:00 AM 216000.000 19.897
17.292 44.819 33855.012
39699.809 25.482 26.996
29.538 1.018
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17.292 44.814 33854.059
39698.691 25.481 26.995
29.539 1.018
1/7/2017 10:30:00 AM 217800.000 19.898
17.293 44.822 33873.547
39720.914 25.497 27.010

29.522 1.018
1/7/2017 10:45:00 AM 218700.000 19.899
17.292 44.825 33847.234
39690.223 25.475 26.989
29.545 1.018
1/7/2017 11:00:00 AM 219600.000 19.898
17.293 44.822 33859.352
39703.805 25.485 26.999
29.534 1.018
1/7/2017 11:15:00 AM 220500.000 19.895
17.293 44.816 33859.340
39703.637 25.485 26.998
29.534 1.018
1/7/2017 11:30:00 AM 221400.000 19.896
17.294 44.818 33858.813
39702.469 25.484 26.998
29.534 1.018
1/7/2017 11:45:00 AM 222300.000 19.897
17.295 44.819 33841.457
39681.027 25.469 26.983
29.550 1.018
1/7/2017 12:00:00 PM 223200.000 19.898
17.295 44.823 33894.648
39743.160 25.513 27.025
29.503 1.018
1/7/2017 12:15:00 PM 224100.000 19.897
17.297 44.820 33847.785
39687.199 25.474 26.987
29.544 1.018
1/7/2017 12:30:00 PM 225000.000 19.895
17.299 44.814 33878.613
39721.234 25.498 27.010
29.517 1.018
1/7/2017 12:45:00 PM 225900.000 19.898
17.300 44.822 33878.242
39719.867 25.497 27.010
29.517 1.018
1/7/2017 1:00:00 PM 226800.000 19.897 17.302
44.820 33874.445 39713.703
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1.018
1/7/2017 1:15:00 PM 227700.000 19.897 17.304
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1.018
1/7/2017 1:30:00 PM 228600.000 19.895 17.304
44.816 33870.832 39707.758
25.488 27.001 29.524
1.018
1/7/2017 1:45:00 PM 229500.000 19.896 17.305
44.818 33879.363 39716.355
25.495 27.007 29.516
1.018
1/7/2017 2:00:00 PM 230400.000 19.894 17.308
44.813 33855.051 39685.980
25.473 26.986 29.538
1.018

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| 1/7/2017 2:15:00 PM | 231300.000 | 19.894 | 17.307 |
| 44.813 | 33851.641 | 39682.141 | |
| 25.470 | 26.984 | 29.541 | |
| 1.018 | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 19.894 | 17.308 |
| 44.813 | 33848.438 | 39677.367 | |
| 25.467 | 26.981 | 29.543 | |
| 1.018 | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 19.894 | 17.310 |
| 44.813 | 33872.332 | 39703.816 | |
| 25.486 | 26.999 | 29.523 | |
| 1.018 | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 19.892 | 17.310 |
| 44.809 | 33863.859 | 39693.730 | |
| 25.479 | 26.992 | 29.530 | |
| 1.018 | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 19.894 | 17.312 |
| 44.813 | 33865.828 | 39694.953 | |
| 25.480 | 26.993 | 29.528 | |
| 1.018 | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 19.892 | 17.312 |
| 44.809 | 33892.828 | 39725.977 | |
| 25.502 | 27.014 | 29.505 | |
| 1.018 | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 19.895 | 17.312 |
| 44.814 | 33878.613 | 39709.230 | |
| 25.490 | 27.002 | 29.517 | |
| 1.018 | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 19.894 | 17.313 |
| 44.813 | 33881.758 | 39712.531 | |
| 25.492 | 27.005 | 29.514 | |
| 1.018 | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 19.895 | 17.313 |
| 44.814 | 33891.754 | 39724.402 | |
| 25.501 | 27.013 | 29.506 | |
| 1.018 | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 19.894 | 17.314 |
| 44.813 | 33878.172 | 39707.551 | |
| 25.489 | 27.001 | 29.518 | |
| 1.018 | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 19.895 | 17.315 |
| 44.814 | 33865.070 | 39691.332 | |
| 25.477 | 26.990 | 29.529 | |
| 1.018 | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 19.891 | 17.314 |
| 44.807 | 33915.672 | 39751.184 | |
| 25.520 | 27.031 | 29.485 | |
| 1.018 | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 19.888 | 17.314 |
| 44.800 | 33860.840 | 39686.766 | |
| 25.474 | 26.987 | 29.533 | |
| 1.018 | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 19.894 | 17.313 |
| 44.814 | 33870.844 | 39699.586 | |
| 25.483 | 26.996 | 29.524 | |
| 1.018 | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 19.894 | 17.313 |

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| 25.492 | 27.004 | 29.515 | |
| 1.018 | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 19.895 | 17.312 |
| 44.814 | 33886.484 | 39718.695 | |
| 25.497 | 27.009 | 29.510 | |
| 1.018 | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 19.894 | 17.313 |
| 44.813 | 33879.832 | 39710.512 | |
| 25.491 | 27.003 | 29.516 | |
| 1.018 | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 19.895 | 17.312 |
| 44.816 | 33895.383 | 39729.125 | |
| 25.504 | 27.016 | 29.503 | |
| 1.018 | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 19.893 | 17.313 |
| 44.810 | 33852.805 | 39678.203 | |
| 25.468 | 26.981 | 29.540 | |
| 1.018 | | | |
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| 44.807 | 33879.496 | 39710.418 | |
| 25.491 | 27.003 | 29.516 | |
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| 1/7/2017 7:15:00 PM | 249300.000 | 19.890 | 17.310 |
| 44.805 | 33859.383 | 39688.406 | |
| 25.475 | 26.988 | 29.534 | |
| 1.018 | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 19.893 | 17.311 |
| 44.811 | 33887.641 | 39721.055 | |
| 25.498 | 27.010 | 29.509 | |
| 1.018 | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 19.893 | 17.311 |
| 44.810 | 33887.027 | 39720.336 | |
| 25.498 | 27.010 | 29.510 | |
| 1.018 | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 19.889 | 17.310 |
| 44.801 | 33915.215 | 39754.016 | |
| 25.522 | 27.033 | 29.485 | |
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| 1/7/2017 8:15:00 PM | 252900.000 | 19.893 | 17.309 |
| 44.810 | 33875.777 | 39708.715 | |
| 25.489 | 27.002 | 29.520 | |
| 1.018 | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 19.891 | 17.308 |
| 44.806 | 33877.090 | 39711.266 | |
| 25.491 | 27.004 | 29.518 | |
| 1.018 | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 19.890 | 17.308 |
| 44.804 | 33855.707 | 39686.750 | |
| 25.474 | 26.987 | 29.537 | |
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| 44.798 | 33874.520 | 39708.484 | |
| 25.489 | 27.002 | 29.521 | |
| 1.018 | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 19.887 | 17.308 |
| 44.798 | 33875.961 | 39710.172 | |

25.490 27.003 29.519
1.018
1/7/2017 9:30:00 PM 257400.000 19.891 17.309
44.806 33925.727 39767.898
25.531 27.042 29.476
1.018
1/7/2017 9:45:00 PM 258300.000 19.893 17.309
44.810 33878.293 39712.207
25.492 27.004 29.517
1.018
1/7/2017 10:00:00 PM 259200.000 19.892
17.309 44.808 33843.121
39670.906 25.463 26.976
29.548 1.018
1/7/2017 10:15:00 PM 260100.000 19.887
17.308 44.797 33893.867
39730.852 25.505 27.017
29.504 1.018
1/7/2017 10:30:00 PM 261000.000 19.890
17.309 44.805 33863.961
39695.406 25.480 26.993
29.530 1.018
1/7/2017 10:45:00 PM 261900.000 19.888
17.308 44.801 33857.965
39688.535 25.475 26.988
29.535 1.018
1/7/2017 11:00:00 PM 262800.000 19.894
17.309 44.813 33895.148
39731.965 25.506 27.018
29.503 1.018
1/7/2017 11:15:00 PM 263700.000 19.890
17.308 44.803 33887.504
39723.250 25.500 27.012
29.509 1.018
1/7/2017 11:30:00 PM 264600.000 19.894
17.309 44.813 33876.980
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29.519 1.018
1/7/2017 11:45:00 PM 265500.000 19.885
17.310 44.793 33924.293
39765.273 25.530 27.040
29.477 1.018
1/8/2017 12:00:00 AM 266400.000 19.888
17.311 44.800 33897.148
39732.602 25.506 27.018
29.501 1.018
1/8/2017 12:15:00 AM 267300.000 19.889
17.311 44.802 33913.438
39751.613 25.520 27.031
29.487 1.018
1/8/2017 12:30:00 AM 268200.000 19.892
17.310 44.809 33870.020
39700.949 25.484 26.997
29.525 1.018
1/8/2017 12:45:00 AM 269100.000 19.889
17.311 44.802 33890.652
39724.832 25.501 27.013

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| 29.507 | 1.018 | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 19.886 | 17.311 |
| 44.796 | 33881.395 | 39713.355 | |
| 25.493 | 27.005 | 29.515 | |
| 1.018 | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 19.894 | 17.313 |
| 44.813 | 33873.797 | 39703.270 | |
| 25.486 | 26.998 | 29.521 | |
| 1.018 | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 19.888 | 17.312 |
| 44.801 | 33889.238 | 39722.234 | |
| 25.499 | 27.011 | 29.508 | |
| 1.018 | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 19.891 | 17.313 |
| 44.807 | 33883.805 | 39714.777 | |
| 25.494 | 27.006 | 29.513 | |
| 1.018 | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 19.888 | 17.312 |
| 44.799 | 33856.730 | 39683.582 | |
| 25.472 | 26.985 | 29.536 | |
| 1.018 | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 19.890 | 17.312 |
| 44.805 | 33909.559 | 39746.055 | |
| 25.516 | 27.027 | 29.490 | |
| 1.018 | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 19.890 | 17.312 |
| 44.805 | 33867.004 | 39695.707 | |
| 25.480 | 26.993 | 29.527 | |
| 1.018 | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 19.888 | 17.312 |
| 44.800 | 33892.164 | 39725.355 | |
| 25.501 | 27.013 | 29.505 | |
| 1.018 | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 19.891 | 17.311 |
| 44.807 | 33854.613 | 39682.039 | |
| 25.471 | 26.984 | 29.538 | |
| 1.018 | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 19.888 | 17.309 |
| 44.800 | 33872.734 | 39705.148 | |
| 25.487 | 27.000 | 29.522 | |
| 1.018 | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 19.888 | 17.309 |
| 44.799 | 33878.492 | 39711.816 | |
| 25.492 | 27.004 | 29.517 | |
| 1.018 | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 19.892 | 17.310 |
| 44.808 | 33866.023 | 39696.973 | |
| 25.481 | 26.994 | 29.528 | |
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| 1/8/2017 4:00:00 AM | 280800.000 | 19.898 | 17.310 |
| 44.823 | 33870.684 | 39702.039 | |
| 25.485 | 26.997 | 29.524 | |
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| 1/8/2017 4:15:00 AM | 281700.000 | 19.893 | 17.309 |
| 44.810 | 33896.199 | 39733.199 | |
| 25.507 | 27.019 | 29.502 | |
| 1.018 | | | |

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44.801 33885.684 39720.961
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1.018
1/8/2017 4:45:00 AM 283500.000 19.899 17.309
44.825 33903.180 39740.914
25.512 27.024 29.496
1.018
1/8/2017 5:00:00 AM 284400.000 19.891 17.306
44.806 33864.168 39697.602
25.481 26.994 29.530
1.018
1/8/2017 5:15:00 AM 285300.000 19.898 17.305
44.822 33888.148 39727.434
25.502 27.015 29.509
1.018
1/8/2017 5:30:00 AM 286200.000 19.892 17.306
44.808 33870.582 39705.438
25.487 27.000 29.524
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1/8/2017 5:45:00 AM 287100.000 19.896 17.305
44.818 33852.109 39685.027
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1/8/2017 6:00:00 AM 288000.000 19.896 17.303
44.817 33850.422 39684.379
25.472 26.985 29.542
1.018
1/8/2017 6:15:00 AM 288900.000 19.891 17.301
44.806 33857.977 39695.488
25.480 26.993 29.535
1.018
1/8/2017 6:30:00 AM 289800.000 19.896 17.300
44.817 33870.969 39711.492
25.491 27.004 29.524
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1/8/2017 6:45:00 AM 290700.000 19.890 17.296
44.803 33894.199 39742.402
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1.018
1/8/2017 7:00:00 AM 291600.000 19.894 17.297
44.813 33886.492 39732.426
25.506 27.018 29.510
1.018
1/8/2017 7:15:00 AM 292500.000 19.895 17.295
44.815 33850.918 39691.965
25.477 26.991 29.541
1.018
1/8/2017 7:30:00 AM 293400.000 19.896 17.293
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25.477 26.991 29.542
1.018
1/8/2017 7:45:00 AM 294300.000 19.893 17.291
44.810 33857.496 39703.184
25.485 26.998 29.536
1.018
1/8/2017 8:00:00 AM 295200.000 19.896 17.292

44.818 33871.348 39718.566
25.496 27.009 29.523
1.018
1/8/2017 8:15:00 AM 296100.000 19.896 17.287
44.817 33882.242 39735.879
25.508 27.020 29.514
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1/8/2017 8:30:00 AM 297000.000 19.899 17.289
44.825 33871.594 39722.215
25.498 27.011 29.523
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1/8/2017 8:45:00 AM 297900.000 19.897 17.288
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44.814 33879.723 39734.164
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1/8/2017 9:15:00 AM 299700.000 19.893 17.287
44.810 33894.125 39750.199
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1/8/2017 9:30:00 AM 300600.000 19.895 17.287
44.814 33869.691 39721.625
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44.813 33857.195 39707.039
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1/8/2017 10:00:00 AM 302400.000 19.895
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39768.129 25.530 27.042
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39776.074 25.536 27.048
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1/8/2017 10:30:00 AM 304200.000 19.896
17.281 44.818 33900.141
39762.645 25.526 27.039
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17.283 44.825 33855.980
39709.211 25.489 27.002
29.537 1.018
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39758.344 25.524 27.036
29.499 1.018
1/8/2017 11:15:00 AM 306900.000 19.898
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39711.391 25.490 27.004
29.535 1.018
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29.546 1.018
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29.496 1.018
1/8/2017 12:00:00 PM 309600.000 19.903
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29.529 1.018
1/8/2017 12:15:00 PM 310500.000 19.909
17.285 44.846 33882.941
39739.035 25.510 27.023
29.513 1.018
1/8/2017 12:30:00 PM 311400.000 19.905
17.286 44.839 33895.840
39752.992 25.520 27.032
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1/8/2017 12:45:00 PM 312300.000 19.903
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29.513 1.018
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44.838 33885.656 39738.477
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1/8/2017 1:15:00 PM 314100.000 19.908 17.288
44.845 33915.320 39773.648
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1/8/2017 1:30:00 PM 315000.000 19.907 17.290
44.842 33870.082 39719.191
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44.856 33903.500 39753.863
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44.839 33922.082 39772.133
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44.848 33909.141 39754.934
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1.018
1/8/2017 4:00:00 PM 324000.000 19.911 17.309
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1/8/2017 5:00:00 PM 327600.000 19.911 17.313
44.852 33883.469 39714.539
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44.849 33899.559 39733.309
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25.508 27.019 29.498
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1/8/2017 6:00:00 PM 331200.000 19.907 17.311
44.843 33904.891 39740.895
25.512 27.024 29.494
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1/8/2017 6:15:00 PM 332100.000 19.910 17.313
44.850 33894.453 39727.258
25.503 27.015 29.503
1.018
1/8/2017 6:30:00 PM 333000.000 19.909 17.313
44.848 33896.660 39729.457
25.504 27.016 29.501
1.018

1/8/2017 6:45:00 PM 333900.000 19.910 17.312
44.849 33899.066 39733.668
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1.018
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1.018
1/8/2017 8:00:00 PM 338400.000 19.909 17.310
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1.018
1/8/2017 8:15:00 PM 339300.000 19.906 17.308
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25.522 27.033 29.486
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1/8/2017 8:30:00 PM 340200.000 19.906 17.309
44.841 33907.934 39746.566
25.516 27.028 29.492
1.018
1/8/2017 8:45:00 PM 341100.000 19.907 17.309
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25.514 27.026 29.494
1.018
1/8/2017 9:00:00 PM 342000.000 19.909 17.308
44.846 33907.711 39747.711
25.517 27.028 29.492
1.018
1/8/2017 9:15:00 PM 342900.000 19.908 17.308
44.845 33920.094 39761.520
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1.018
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44.841 33906.316 39746.313
25.516 27.027 29.493
1.018
1/8/2017 9:45:00 PM 344700.000 19.912 17.306
44.854 33888.559 39726.820
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1.018
1/8/2017 10:00:00 PM 345600.000 19.905
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39774.707 25.536 27.047
29.473 1.018
1/8/2017 10:15:00 PM 346500.000 19.908

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29.505 1.018
1/8/2017 10:30:00 PM 347400.000 19.905
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39745.938 25.516 27.027
29.495 1.018
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39749.320 25.518 27.030
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29.512 1.018
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29.480 1.018
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17.309 44.833 33892.199
39728.508 25.503 27.015
29.505 1.018
1/9/2017 12:45:00 AM 355500.000 19.901
17.309 44.828 33885.723
39720.762 25.498 27.010
29.511 1.018
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1.018
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1.018
1/9/2017 1:45:00 AM 359100.000 19.906 17.308
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1.018
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1.018
1/9/2017 2:15:00 AM 360900.000 19.901 17.309
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1.018
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1.018
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1.018
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44.829 33929.809 39771.813
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1.018
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44.835 33907.402 39746.098
25.516 27.027 29.492
1.018
1/9/2017 3:30:00 AM 365400.000 19.905 17.308
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1.018
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1.018
1/9/2017 4:00:00 AM 367200.000 19.901 17.308
44.830 33907.246 39746.773
25.516 27.028 29.492
1.018
1/9/2017 4:15:00 AM 368100.000 19.899 17.307
44.825 33879.523 39714.824
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1.018
1/9/2017 4:30:00 AM 369000.000 19.901 17.308
44.828 33915.906 39756.688
25.523 27.035 29.485
1.018
1/9/2017 4:45:00 AM 369900.000 19.901 17.307
44.829 33893.125 39730.848
25.505 27.017 29.505
1.018
1/9/2017 5:00:00 AM 370800.000 19.903 17.306
44.832 33892.391 39731.223
25.505 27.017 29.505
1.018
1/9/2017 5:15:00 AM 371700.000 19.902 17.306
44.831 33925.461 39769.914
25.533 27.044 29.476

1.018
1/9/2017 5:30:00 AM 372600.000 19.903 17.305
44.833 33895.102 39735.496
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1.018
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1.018
1/9/2017 6:15:00 AM 375300.000 19.901 17.302
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1.018
1/9/2017 6:30:00 AM 376200.000 19.901 17.300
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1.018
1/9/2017 6:45:00 AM 377100.000 19.903 17.300
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1.018
1/9/2017 7:00:00 AM 378000.000 19.900 17.299
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1.018
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1.018
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44.835 33889.816 39738.273
25.510 27.022 29.507
1.018
1/9/2017 7:45:00 AM 380700.000 19.903 17.294
44.834 33904.809 39756.707
25.523 27.035 29.494
1.018
1/9/2017 8:00:00 AM 381600.000 19.902 17.289
44.831 33898.984 39753.711
25.520 27.033 29.499
1.018
1/9/2017 8:15:00 AM 382500.000 19.900 17.288
44.827 33895.797 39751.527
25.519 27.031 29.502
1.018
1/9/2017 8:30:00 AM 383400.000 19.902 17.285
44.831 33907.422 39767.273
25.530 27.042 29.492
1.018
1/9/2017 8:45:00 AM 384300.000 19.903 17.289
44.832 33926.102 39785.824
25.543 27.054 29.476
1.018

1/9/2017 9:00:00 AM 385200.000 19.899 17.289
44.825 33881.586 39733.152
25.506 27.019 29.515
1.018
1/9/2017 9:15:00 AM 386100.000 19.902 17.285
44.831 33887.801 39744.188
25.514 27.026 29.509
1.018
1/9/2017 9:30:00 AM 387000.000 19.903 17.285
44.832 33887.039 39743.453
25.513 27.026 29.510
1.018
1/9/2017 9:45:00 AM 387900.000 19.903 17.286
44.833 33885.543 39741.148
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1.018
1/9/2017 10:00:00 AM 388800.000 19.903
17.282 44.834 33900.516
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29.473 1.018
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39753.641 25.520 27.032
29.503 1.018
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17.283 44.841 33897.914
39758.234 25.523 27.036
29.500 1.018
1/9/2017 11:00:00 AM 392400.000 19.902
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29.501 1.018
1/9/2017 11:15:00 AM 393300.000 19.908
17.282 44.845 33893.074
39753.566 25.520 27.032
29.505 1.018
1/9/2017 11:30:00 AM 394200.000 19.911
17.285 44.852 33917.613
39779.313 25.538 27.050
29.483 1.018
1/9/2017 11:45:00 AM 395100.000 19.911
17.283 44.852 33933.918
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1/9/2017 12:00:00 PM 396000.000 19.915
17.281 44.859 33907.980
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29.492 1.018
1/9/2017 12:15:00 PM 396900.000 19.913
17.284 44.857 33907.023
39768.133 25.530 27.042
29.492 1.018
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17.282 44.850 33886.586
39746.043 25.515 27.027
29.510 1.018
1/9/2017 12:45:00 PM 398700.000 19.910
17.285 44.850 33908.379
39768.480 25.531 27.043
29.491 1.018
1/9/2017 1:00:00 PM 399600.000 19.912 17.287
44.853 33905.695 39763.918
25.528 27.039 29.494
1.018
1/9/2017 1:15:00 PM 400500.000 19.917 17.288
44.864 33899.441 39755.184
25.521 27.034 29.499
1.018
1/9/2017 1:30:00 PM 401400.000 19.913 17.289
44.857 33932.223 39792.930
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1.018
1/9/2017 1:45:00 PM 402300.000 19.912 17.289
44.854 33936.449 39797.645
25.552 27.062 29.467
1.018
1/9/2017 2:00:00 PM 403200.000 19.916 17.291
44.862 33928.906 39786.922
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1.018
1/9/2017 2:15:00 PM 404100.000 19.915 17.295
44.861 33929.613 39784.156
25.542 27.053 29.473
1.018
1/9/2017 2:30:00 PM 405000.000 19.916 17.297
44.862 33908.719 39758.020
25.524 27.035 29.491
1.018
1/9/2017 2:45:00 PM 405900.000 19.919 17.301
44.868 33933.965 39784.578
25.543 27.054 29.469
1.018
1/9/2017 3:00:00 PM 406800.000 19.918 17.303
44.866 33916.547 39762.195
25.527 27.038 29.484
1.018
1/9/2017 3:15:00 PM 407700.000 19.921 17.306
44.873 33882.059 39718.891
25.496 27.009 29.514
1.018
1/9/2017 3:30:00 PM 408600.000 19.923 17.309
44.878 33936.852 39780.938
25.541 27.051 29.466
1.018
1/9/2017 3:45:00 PM 409500.000 19.915 17.311
44.861 33944.145 39787.063
25.545 27.055 29.460
1.018
1/9/2017 4:00:00 PM 410400.000 19.919 17.312
44.868 33905.855 39741.313

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| 25.513 | 27.024 | 29.493 | |
| 1.018 | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 19.918 | 17.314 |
| 44.866 | 33916.336 | 39752.438 | |
| 25.521 | 27.032 | 29.484 | |
| 1.018 | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 19.919 | 17.315 |
| 44.869 | 33927.855 | 39765.000 | |
| 25.530 | 27.040 | 29.474 | |
| 1.018 | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 19.919 | 17.316 |
| 44.869 | 33959.930 | 39801.664 | |
| 25.556 | 27.065 | 29.446 | |
| 1.018 | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 19.919 | 17.317 |
| 44.868 | 33916.582 | 39749.832 | |
| 25.519 | 27.030 | 29.484 | |
| 1.018 | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 19.920 | 17.318 |
| 44.871 | 33935.816 | 39771.680 | |
| 25.534 | 27.045 | 29.467 | |
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| 1/9/2017 5:30:00 PM | 415800.000 | 19.921 | 17.318 |
| 44.875 | 33919.582 | 39752.656 | |
| 25.521 | 27.032 | 29.481 | |
| 1.018 | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 19.921 | 17.319 |
| 44.873 | 33950.914 | 39788.199 | |
| 25.546 | 27.056 | 29.454 | |
| 1.018 | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 19.919 | 17.319 |
| 44.869 | 33949.477 | 39786.121 | |
| 25.545 | 27.055 | 29.456 | |
| 1.018 | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 19.920 | 17.320 |
| 44.871 | 33922.773 | 39754.684 | |
| 25.522 | 27.033 | 29.479 | |
| 1.018 | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 19.923 | 17.319 |
| 44.878 | 33944.809 | 39780.734 | |
| 25.541 | 27.051 | 29.460 | |
| 1.018 | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 19.920 | 17.319 |
| 44.873 | 33930.480 | 39764.172 | |
| 25.529 | 27.040 | 29.472 | |
| 1.018 | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 19.920 | 17.319 |
| 44.871 | 33943.637 | 39779.277 | |
| 25.540 | 27.050 | 29.461 | |
| 1.018 | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 19.923 | 17.318 |
| 44.880 | 33911.535 | 39742.520 | |
| 25.514 | 27.025 | 29.488 | |
| 1.018 | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 19.923 | 17.319 |
| 44.880 | 33943.594 | 39779.309 | |
| 25.540 | 27.050 | 29.461 | |

1.018
1/9/2017 7:45:00 PM 423900.000 19.920 17.318
44.871 33928.168 39761.930
25.528 27.038 29.474
1.018
1/9/2017 8:00:00 PM 424800.000 19.921 17.318
44.873 33916.125 39748.211
25.518 27.029 29.485
1.018
1/9/2017 8:15:00 PM 425700.000 19.920 17.317
44.873 33958.570 39798.664
25.554 27.063 29.448
1.018
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44.881 33964.980 39806.949
25.559 27.069 29.442
1.018
1/9/2017 8:45:00 PM 427500.000 19.923 17.316
44.878 33932.547 39769.324
25.533 27.043 29.470
1.018
1/9/2017 9:00:00 PM 428400.000 19.923 17.316
44.878 33931.535 39767.984
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1.018
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25.518 27.029 29.486
1.018
1/9/2017 9:30:00 PM 430200.000 19.925 17.315
44.884 33889.336 39719.148
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1.018
1/9/2017 9:45:00 PM 431100.000 19.924 17.315
44.880 33955.891 39797.859
25.553 27.063 29.450
1.018
1/9/2017 10:00:00 PM 432000.000 19.919
17.313 44.870 33923.406
39760.879 25.527 27.037
29.478 1.018
1/9/2017 10:15:00 PM 432900.000 19.922
17.315 44.877 33922.508
39758.414 25.525 27.036
29.479 1.018
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17.313 44.880 33915.820
39752.301 25.521 27.032
29.485 1.018
1/9/2017 10:45:00 PM 434700.000 19.920
17.314 44.873 33926.129
39763.289 25.528 27.039
29.476 1.018
1/9/2017 11:00:00 PM 435600.000 19.925
17.313 44.883 33938.031
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29.465 1.018

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17.312 44.878 33930.422
39770.195 25.533 27.044
29.472 1.018
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17.313 44.876 33897.563
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17.314 44.865 33918.848
39755.379 25.523 27.034
29.482 1.018
1/10/2017 12:00:00 AM 439200.000 19.922
17.314 44.877 33931.367
39769.816 25.533 27.043
29.471 1.018
1/10/2017 12:15:00 AM 440100.000 19.922
17.312 44.877 33899.605
39734.074 25.508 27.019
29.499 1.018
1/10/2017 12:30:00 AM 441000.000 19.921
17.313 44.875 33912.555
39748.539 25.518 27.029
29.488 1.018
1/10/2017 12:45:00 AM 441900.000 19.923
17.313 44.878 33903.648
39737.797 25.510 27.022
29.495 1.018
1/10/2017 1:00:00 AM 442800.000 19.925
17.313 44.883 33939.352
39779.566 25.540 27.050
29.464 1.018
1/10/2017 1:15:00 AM 443700.000 19.922
17.313 44.877 33925.375
39763.262 25.528 27.039
29.476 1.018
1/10/2017 1:30:00 AM 444600.000 19.922
17.314 44.876 33893.262
39725.391 25.501 27.013
29.504 1.018
1/10/2017 1:45:00 AM 445500.000 19.919
17.313 44.870 33936.656
39776.648 25.538 27.048
29.467 1.018
1/10/2017 2:00:00 AM 446400.000 19.925
17.314 44.883 33918.406
39754.707 25.522 27.033
29.483 1.018
1/10/2017 2:15:00 AM 447300.000 19.921
17.314 44.873 33902.684
39736.277 25.509 27.021
29.496 1.018
1/10/2017 2:30:00 AM 448200.000 19.925
17.314 44.883 33899.836
39733.098 25.507 27.019
29.499 1.018
1/10/2017 2:45:00 AM 449100.000 19.924

| | | |
|---|---|---|
| 17.313 | 44.880 | 33925.430 |
| 39763.250 | 25.528 | 27.039 |
| 29.476 | 1.018 | |
| 1/10/2017 3:00:00 AM | 450000.000 | 19.922 |
| 17.314 | 44.877 | 33934.211 |
| 39772.605 | 25.535 | 27.045 |
| 29.469 | 1.018 | |
| 1/10/2017 3:15:00 AM | 450900.000 | 19.927 |
| 17.315 | 44.887 | 33929.918 |
| 39767.340 | 25.531 | 27.042 |
| 29.473 | 1.018 | |
| 1/10/2017 3:30:00 AM | 451800.000 | 19.927 |
| 17.314 | 44.887 | 33912.891 |
| 39748.004 | 25.518 | 27.029 |
| 29.487 | 1.018 | |
| 1/10/2017 3:45:00 AM | 452700.000 | 19.928 |
| 17.313 | 44.890 | 33904.898 |
| 39739.188 | 25.511 | 27.023 |
| 29.494 | 1.018 | |
| 1/10/2017 4:00:00 AM | 453600.000 | 19.925 |
| 17.313 | 44.883 | 33899.645 |
| 39733.266 | 25.507 | 27.019 |
| 29.499 | 1.018 | |
| 1/10/2017 4:15:00 AM | 454500.000 | 19.924 |
| 17.313 | 44.880 | 33916.871 |
| 39753.531 | 25.521 | 27.032 |
| 29.484 | 1.018 | |
| 1/10/2017 4:30:00 AM | 455400.000 | 19.925 |
| 17.313 | 44.884 | 33899.930 |
| 39733.289 | 25.507 | 27.019 |
| 29.499 | 1.018 | |
| 1/10/2017 4:45:00 AM | 456300.000 | 19.927 |
| 17.314 | 44.888 | 33900.887 |
| 39733.934 | 25.508 | 27.019 |
| 29.498 | 1.018 | |
| 1/10/2017 5:00:00 AM | 457200.000 | 19.926 |
| 17.312 | 44.886 | 33903.762 |
| 39738.859 | 25.511 | 27.022 |
| 29.495 | 1.018 | |
| 1/10/2017 5:15:00 AM | 458100.000 | 19.930 |
| 17.312 | 44.895 | 33898.551 |
| 39733.309 | 25.507 | 27.019 |
| 29.500 | 1.018 | |
| 1/10/2017 5:30:00 AM | 459000.000 | 19.928 |
| 17.312 | 44.889 | 33950.148 |
| 39793.160 | 25.550 | 27.059 |
| 29.455 | 1.018 | |
| 1/10/2017 5:45:00 AM | 459900.000 | 19.927 |
| 17.310 | 44.887 | 33882.570 |
| 39715.750 | 25.494 | 27.007 |
| 29.514 | 1.018 | |
| 1/10/2017 6:00:00 AM | 460800.000 | 19.930 |
| 17.310 | 44.893 | 33914.508 |
| 39753.805 | 25.521 | 27.033 |
| 29.486 | 1.018 | |
| 1/10/2017 6:15:00 AM | 461700.000 | 19.926 |
| 17.308 | 44.885 | 33865.980 |

39698.555 25.482 26.995
29.528 1.018
1/10/2017 6:30:00 AM 462600.000 19.929
17.308 44.892 33897.434
39735.500 25.508 27.020
29.501 1.018
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29.488 1.018
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29.517 1.018
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29.483 1.018
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17.293 44.904 33888.129
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29.509 1.018
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17.292 44.901 33922.723
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29.479 1.018
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17.287 44.912 33887.922
39742.539 25.512 27.025
29.509 1.018
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17.289 44.908 33889.281
39742.645 25.513 27.025

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29.477 1.018

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1/10/2017 5:00:00 PM 500400.000 19.957

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| 39766.379 | 25.531 | 27.041 |
| 29.474 | 1.018 | |
| 1/10/2017 5:15:00 PM | 501300.000 | 19.959 |
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| 39778.406 | 25.539 | 27.049 |
| 29.464 | 1.018 | |
| 1/10/2017 5:30:00 PM | 502200.000 | 19.952 |
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| 39788.813 | 25.547 | 27.056 |
| 29.455 | 1.018 | |
| 1/10/2017 5:45:00 PM | 503100.000 | 19.952 |
| 17.318 | 44.944 | 33945.707 |
| 39783.191 | 25.543 | 27.053 |
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| 1/10/2017 6:00:00 PM | 504000.000 | 19.954 |
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| 39774.883 | 25.537 | 27.047 |
| 29.465 | 1.018 | |
| 1/10/2017 6:15:00 PM | 504900.000 | 19.957 |
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| 1/10/2017 6:30:00 PM | 505800.000 | 19.956 |
| 17.318 | 44.953 | 33925.707 |
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| 39819.094 | 25.568 | 27.077 |
| 29.432 | 1.018 | |
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| 39771.676 | 25.535 | 27.045 |
| 29.467 | 1.018 | |
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| 17.318 | 44.965 | 33968.254 |
| 39809.617 | 25.561 | 27.071 |
| 29.439 | 1.018 | |
| 1/10/2017 7:30:00 PM | 509400.000 | 19.958 |
| 17.318 | 44.958 | 33936.645 |
| 39772.570 | 25.535 | 27.045 |
| 29.467 | 1.018 | |
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| 17.316 | 44.962 | 33968.809 |
| 39812.137 | 25.563 | 27.072 |
| 29.439 | 1.018 | |
| 1/10/2017 8:00:00 PM | 511200.000 | 19.964 |
| 17.316 | 44.970 | 33964.070 |
| 39806.582 | 25.559 | 27.068 |
| 29.443 | 1.018 | |
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| 39787.285 | 25.545 | 27.055 |
| 29.457 | 1.018 | |
| 1/10/2017 8:30:00 PM | 513000.000 | 19.966 |
| 17.314 | 44.974 | 33955.953 |

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| 39801.945 | 25.556 | 27.065 | 29.448 | 1.018 | |
| 1/10/2017 9:00:00 PM | 514800.000 | 19.962 | 17.313 | 44.967 | 33939.941 |
| 39780.965 | 25.541 | 27.051 | 29.464 | 1.018 | |
| 1/10/2017 9:15:00 PM | 515700.000 | 19.957 | 17.311 | 44.955 | 33930.820 |
| 39771.289 | 25.534 | 27.044 | 29.472 | 1.018 | |
| 1/10/2017 9:30:00 PM | 516600.000 | 19.967 | 17.310 | 44.978 | 33952.449 |
| 39797.660 | 25.553 | 27.062 | 29.453 | 1.018 | |
| 1/10/2017 9:45:00 PM | 517500.000 | 19.958 | 17.309 | 44.958 | 33950.555 |
| 39796.445 | 25.552 | 27.062 | 29.455 | 1.018 | |
| 1/10/2017 10:00:00 PM | 518400.000 | 19.965 | 17.307 | 44.973 | 33956.582 |
| 39805.074 | 25.558 | 27.067 | 29.449 | 1.018 | |
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| 39800.750 | 25.555 | 27.065 | 29.453 | 1.018 | |
| 1/10/2017 10:30:00 PM | 520200.000 | 19.963 | 17.306 | 44.968 | 33918.480 |
| 39761.586 | 25.527 | 27.038 | 29.482 | 1.018 | |
| 1/10/2017 10:45:00 PM | 521100.000 | 19.967 | 17.306 | 44.977 | 33951.496 |
| 39800.512 | 25.554 | 27.064 | 29.454 | 1.018 | |
| 1/10/2017 11:00:00 PM | 522000.000 | 19.965 | 17.304 | 44.974 | 33918.746 |
| 39763.844 | 25.528 | 27.039 | 29.482 | 1.018 | |
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| 39798.676 | 25.553 | 27.063 | 29.456 | 1.018 | |
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29.485 1.018

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17.370 44.941 33912.727
39698.262 25.485 26.995
29.487 1.018
1/11/2017 7:00:00 PM 594000.000 19.954
17.369 44.949 33927.750
39716.316 25.497 27.007
29.474 1.018
1/11/2017 7:15:00 PM 594900.000 19.950
17.370 44.940 33916.781
39702.387 25.488 26.998
29.484 1.018
1/11/2017 7:30:00 PM 595800.000 19.950
17.371 44.940 33926.051
39713.008 25.495 27.005
29.476 1.018
1/11/2017 7:45:00 PM 596700.000 19.947
17.371 44.933 33902.668
39685.707 25.476 26.986
29.496 1.018
1/11/2017 8:00:00 PM 597600.000 19.949
17.371 44.937 33927.480
39714.828 25.496 27.006
29.475 1.018
1/11/2017 8:15:00 PM 598500.000 19.944
17.370 44.925 33867.895
39645.629 25.447 26.959
29.526 1.018
1/11/2017 8:30:00 PM 599400.000 19.950
17.369 44.938 33914.285
39700.785 25.486 26.997
29.486 1.018
1/11/2017 8:45:00 PM 600300.000 19.943
17.369 44.924 33885.113
39666.637 25.462 26.973
29.511 1.018
1/11/2017 9:00:00 PM 601200.000 19.944
17.368 44.926 33890.211
39673.223 25.467 26.978
29.507 1.018
1/11/2017 9:15:00 PM 602100.000 19.946
17.367 44.931 33877.148
39658.949 25.457 26.968
29.518 1.018
1/11/2017 9:30:00 PM 603000.000 19.941

| | | |
|---|---|---|
| 17.367 | 44.920 | 33870.480 |
| 39650.910 | 25.451 | 26.963 |
| 29.524 | 1.018 | |
| 1/11/2017 9:45:00 PM | 603900.000 | 19.938 |
| 17.368 | 44.912 | 33911.469 |
| 39698.426 | 25.485 | 26.995 |
| 29.489 | 1.018 | |
| 1/11/2017 10:00:00 PM | 604800.000 | 19.937 |
| 17.367 | 44.909 | 33870.059 |
| 39651.117 | 25.451 | 26.963 |
| 29.525 | 1.018 | |
| 1/11/2017 10:15:00 PM | 605700.000 | 19.936 |
| 17.367 | 44.909 | 33858.395 |
| 39637.152 | 25.441 | 26.953 |
| 29.535 | 1.018 | |
| 1/11/2017 10:30:00 PM | 606600.000 | 19.939 |
| 17.366 | 44.914 | 33869.832 |
| 39651.555 | 25.451 | 26.963 |
| 29.525 | 1.018 | |
| 1/11/2017 10:45:00 PM | 607500.000 | 19.936 |
| 17.365 | 44.909 | 33864.414 |
| 39646.219 | 25.447 | 26.959 |
| 29.530 | 1.018 | |
| 1/11/2017 11:00:00 PM | 608400.000 | 19.933 |
| 17.364 | 44.902 | 33879.613 |
| 39664.168 | 25.460 | 26.972 |
| 29.516 | 1.018 | |
| 1/11/2017 11:15:00 PM | 609300.000 | 19.931 |
| 17.363 | 44.897 | 33843.836 |
| 39623.523 | 25.431 | 26.944 |
| 29.547 | 1.018 | |
| 1/11/2017 11:30:00 PM | 610200.000 | 19.937 |
| 17.364 | 44.909 | 33873.668 |
| 39657.902 | 25.456 | 26.967 |
| 29.521 | 1.018 | |
| 1/11/2017 11:45:00 PM | 611100.000 | 19.934 |
| 17.363 | 44.903 | 33878.137 |
| 39663.840 | 25.460 | 26.971 |
| 29.518 | 1.018 | |

Report Date: 1/16/2017 8:32:15 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-4D Pre Test_2017-01-12_17-25-23-243.wsl
Create Date: 1/12/2017 5:24:39 PM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-4D
Device Name:
Serial Number: 392547
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 65
Used Battery(%): 30

Log Configuration
Log Name: MPWSP MW-4D Pre Test
Created By: ELinden
Computer Name: PROBOOK2
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 8/11/2016 4:54:12 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 8/11/2016 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: 264.121 (ft)
Head Pressure: 117.252 (PSI)
Temperature: 20.3603 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

| Date and Time | Note |
|---|---|
| 8/11/2016 4:54:21 PM | Used Battery: 30% Used Memory: 68% User Name: ELinden |
| 8/11/2016 5:15:13 PM | Log Download - Used Battery: 30% Used Memory: 68% User Name: ELinden |
| 8/18/2016 11:37:17 AM | Log Download - Used Battery: 30% Used Memory: 68% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 11:30:00 AM |
| 8/25/2016 9:06:34 PM | Log Download - Used Battery: 30% Used Memory: 70% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 10:15:00 PM |
| 9/1/2016 4:53:56 PM | Log Download - Used Battery: 31% Used Memory: 70% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 5:45:00 PM |
| 9/8/2016 11:56:16 AM | Log Download - Used Battery: 31% Used Memory: 71% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 12:45:00 PM |
| 9/15/2016 5:38:32 PM | Log Download - Used Battery: 31% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 6:30:00 PM |
| 9/22/2016 2:33:00 PM | Log Download - Used Battery: 32% Used Memory: 73% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 3:30:00 PM |
| 10/1/2016 3:15:09 PM | Log Download - Used Battery: 32% Used Memory: 73% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 4:00:00 PM |
| 10/6/2016 3:33:11 PM | Log Download - Used Battery: 32% Used Memory: 75% User Name: SKuiper Interval - Start Time: 9/28/2016 10:30:00 PM Stop Time: 10/6/2016 4:15:00 PM |
| 10/13/2016 7:35:56 PM | Log Download - Used Battery: 33% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:30:00 PM |
| 10/20/2016 7:33:10 PM | Log Download - Used Battery: 33% Used Memory: 76% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 7:45:00 PM |
| 10/27/2016 12:14:03 PM | Log Download - Used Battery: 34% Used Memory: 76% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:00:00 PM |
| 11/3/2016 5:09:56 PM | Log Download - Used Battery: 34% Used Memory: 78% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 6:00:00 PM |
| 11/11/2016 9:21:53 AM | Log Download - Used Battery: 34% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 10:15:00 AM |
| 11/17/2016 7:27:21 AM | Log Download - Used Battery: 35% Used Memory: 79% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 8:15:00 AM |
| 11/17/2016 7:47:45 AM | Log Download - Used Battery: 35% Used Memory: 79% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 8:45:00 AM |
| 11/24/2016 4:40:17 PM | Log Download - Used Battery: 35% Used Memory: 79% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:00:00 PM |
| 12/2/2016 8:24:27 AM | Log Download - Used Battery: 35% Used Memory: 81% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 8:15:00 AM |
| 12/8/2016 5:29:44 PM | Log Download - Used Battery: 36% Used Memory: 81% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 6:00:00 PM |
| 12/15/2016 4:16:53 PM | Log Download - Used Battery: 36% Used Memory: 82% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 4:15:00 PM |
| 12/22/2016 3:03:37 PM | Log Download - Used Battery: 36% Used Memory: 82% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 3:44:45 PM |
| 1/5/2017 12:54:28 PM | Log Download - Used Battery: 37% Used Memory: 84% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 1:40:00 PM |
| 1/12/2017 5:26:48 PM | Log Download - Used Battery: 37% Used Memory: 85% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 6:00:00 PM |

Log Data:
Record Count: 750

Sensors: 1
1 - 392547: PCTD 300 PSIG (211m/692ft)
Time Zone: Pacific Standard Time

| Date and Time | Elapsed Time Seconds | Sensor: PCTD(G) 692ft SN#: 392547 Pressure (PSI) | Sensor: PCTD(G) 692ft SN#: 392547 Temperature (C) |
|---|---|---|---|
| Sensor: PCTD(G) 692ft SN#: 392547 Depth (ft) | Sensor: PCTD(G) 692ft SN#: 392547 Actual Conductivity (µS/cm) | Sensor: PCTD(G) 692ft SN#: 392547 Specific Conductivity (µS/cm) | |
| Sensor: PCTD(G) 692ft SN#: 392547 Salinity (PSU) | Sensor: PCTD(G) 692ft SN#: 392547 Total Dissolved Solids (ppt) | Sensor: PCTD(G) 692ft SN#: 392547 Resistivity (ohm-cm) | |
| Sensor: PCTD(G) 692ft SN#: 392547 Water Density (g/cm3) | | | |
| 1/5/2017 12:00:00 AM | 7200.000 | 121.416 | 20.352 |
| 273.502 | 37725.863 | 41401.117 | |
| 26.819 | 28.153 | 26.507 | |
| 1.018 | | | |
| 1/5/2017 12:15:00 AM | 8100.000 | 121.440 | 20.352 |
| 273.556 | 37678.492 | 41349.352 | |
| 26.782 | 28.118 | 26.540 | |
| 1.018 | | | |
| 1/5/2017 12:30:00 AM | 9000.000 | 121.444 | 20.351 |
| 273.565 | 37691.156 | 41364.246 | |
| 26.792 | 28.128 | 26.531 | |
| 1.018 | | | |
| 1/5/2017 12:45:00 AM | 9900.000 | 121.467 | 20.349 |
| 273.617 | 37672.203 | 41345.113 | |
| 26.779 | 28.115 | 26.545 | |
| 1.018 | | | |
| 1/5/2017 1:00:00 AM | 10800.000 | 121.489 | 20.352 |
| 273.665 | 37718.371 | 41392.969 | |
| 26.813 | 28.147 | 26.512 | |
| 1.018 | | | |
| 1/5/2017 1:15:00 AM | 11700.000 | 121.511 | 20.349 |
| 273.716 | 37688.254 | 41362.578 | |
| 26.791 | 28.127 | 26.533 | |
| 1.018 | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 121.519 | 20.353 |
| 273.734 | 37701.965 | 41374.582 | |
| 26.800 | 28.135 | 26.524 | |
| 1.018 | | | |
| 1/5/2017 1:45:00 AM | 13500.000 | 121.544 | 20.351 |
| 273.789 | 37688.559 | 41360.855 | |
| 26.790 | 28.125 | 26.533 | |
| 1.018 | | | |
| 1/5/2017 2:00:00 AM | 14400.000 | 121.573 | 20.350 |
| 273.856 | 37711.047 | 41387.215 | |
| 26.809 | 28.143 | 26.517 | |
| 1.018 | | | |
| 1/5/2017 2:15:00 AM | 15300.000 | 121.591 | 20.349 |

| | | | |
|---|---|---|---|
| 273.896 | 37714.848 | 41391.766 | |
| 26.812 | 28.146 | 26.515 | |
| 1.018 | | | |
| 1/5/2017 2:30:00 AM | 16200.000 | 121.606 | 20.349 |
| 273.930 | 37748.285 | 41428.461 | |
| 26.839 | 28.171 | 26.491 | |
| 1.018 | | | |
| 1/5/2017 2:45:00 AM | 17100.000 | 121.631 | 20.349 |
| 273.985 | 37715.953 | 41393.129 | |
| 26.813 | 28.147 | 26.514 | |
| 1.018 | | | |
| 1/5/2017 3:00:00 AM | 18000.000 | 121.644 | 20.348 |
| 274.016 | 37719.586 | 41398.023 | |
| 26.817 | 28.151 | 26.511 | |
| 1.018 | | | |
| 1/5/2017 3:15:00 AM | 18900.000 | 121.660 | 20.349 |
| 274.052 | 37647.379 | 41317.797 | |
| 26.759 | 28.096 | 26.562 | |
| 1.018 | | | |
| 1/5/2017 3:30:00 AM | 19800.000 | 121.673 | 20.349 |
| 274.080 | 37691.684 | 41366.645 | |
| 26.794 | 28.129 | 26.531 | |
| 1.018 | | | |
| 1/5/2017 3:45:00 AM | 20700.000 | 121.688 | 20.352 |
| 274.115 | 37748.840 | 41426.719 | |
| 26.837 | 28.170 | 26.491 | |
| 1.018 | | | |
| 1/5/2017 4:00:00 AM | 21600.000 | 121.702 | 20.351 |
| 274.146 | 37690.266 | 41363.496 | |
| 26.792 | 28.127 | 26.532 | |
| 1.018 | | | |
| 1/5/2017 4:15:00 AM | 22500.000 | 121.718 | 20.349 |
| 274.181 | 37692.598 | 41367.121 | |
| 26.794 | 28.130 | 26.530 | |
| 1.018 | | | |
| 1/5/2017 4:30:00 AM | 23400.000 | 121.726 | 20.348 |
| 274.199 | 37708.645 | 41386.246 | |
| 26.808 | 28.143 | 26.519 | |
| 1.018 | | | |
| 1/5/2017 4:45:00 AM | 24300.000 | 121.732 | 20.348 |
| 274.214 | 37697.980 | 41374.469 | |
| 26.800 | 28.135 | 26.527 | |
| 1.018 | | | |
| 1/5/2017 5:00:00 AM | 25200.000 | 121.735 | 20.348 |
| 274.219 | 37695.633 | 41371.969 | |
| 26.798 | 28.133 | 26.528 | |
| 1.018 | | | |
| 1/5/2017 5:15:00 AM | 26100.000 | 121.739 | 20.345 |
| 274.229 | 37737.844 | 41420.648 | |
| 26.833 | 28.166 | 26.499 | |
| 1.018 | | | |
| 1/5/2017 5:30:00 AM | 27000.000 | 121.742 | 20.350 |
| 274.235 | 37751.254 | 41431.262 | |
| 26.841 | 28.173 | 26.489 | |
| 1.018 | | | |
| 1/5/2017 5:45:00 AM | 27900.000 | 121.768 | 20.353 |
| 274.294 | 37709.172 | 41382.191 | |

26.805 28.140 26.519
1.018
1/5/2017 6:00:00 AM 28800.000 121.729 20.353
274.206 37737.359 41413.125
26.828 28.161 26.499
1.018
1/5/2017 6:15:00 AM 29700.000 121.731 20.354
274.211 37705.973 41378.070
26.802 28.137 26.521
1.018
1/5/2017 6:30:00 AM 30600.000 121.729 20.351
274.206 37729.809 41406.508
26.823 28.156 26.504
1.018
1/5/2017 6:45:00 AM 31500.000 121.708 20.353
274.159 37697.570 41369.613
26.796 28.131 26.527
1.018
1/5/2017 7:00:00 AM 32400.000 121.696 20.355
274.132 37733.332 41406.500
26.823 28.156 26.502
1.018
1/5/2017 7:15:00 AM 33300.000 121.688 20.354
274.115 37710.594 41382.766
26.806 28.140 26.518
1.018
1/5/2017 7:30:00 AM 34200.000 121.671 20.346
274.075 37697.082 41374.617
26.800 28.135 26.527
1.018
1/5/2017 7:45:00 AM 35100.000 121.672 20.346
274.078 37721.313 41401.895
26.819 28.153 26.510
1.018
1/5/2017 8:00:00 AM 36000.000 121.661 20.348
274.053 37736.023 41416.367
26.830 28.163 26.500
1.018
1/5/2017 8:15:00 AM 36900.000 121.636 20.355
273.998 37697.805 41368.273
26.795 28.130 26.527
1.018
1/5/2017 8:30:00 AM 37800.000 121.632 20.356
273.987 37709.730 41380.230
26.804 28.139 26.518
1.018
1/5/2017 8:45:00 AM 38700.000 121.606 20.351
273.930 37713.930 41389.152
26.810 28.145 26.515
1.018
1/5/2017 9:00:00 AM 39600.000 121.590 20.349
273.894 37712.629 41389.250
26.810 28.145 26.516
1.018
1/5/2017 9:15:00 AM 40500.000 121.589 20.350
273.891 37702.758 41377.590
26.802 28.137 26.523

1.018
1/5/2017 9:30:00 AM 41400.000 121.561 20.351
273.828 37693.594 41366.691
26.794 28.129 26.530
1.018
1/5/2017 9:45:00 AM 42300.000 121.550 20.353
273.803 37713.582 41386.875
26.809 28.143 26.516
1.018
1/5/2017 10:00:00 AM 43200.000 121.544
20.352 273.789 37698.520
41371.496 26.798 28.133
26.526 1.018
1/5/2017 10:15:00 AM 44100.000 121.537
20.350 273.774 37691.582
41365.086 26.793 28.128
26.531 1.018
1/5/2017 10:30:00 AM 45000.000 121.525
20.352 273.748 37697.641
41370.145 26.797 28.132
26.527 1.018
1/5/2017 10:45:00 AM 45900.000 121.523
20.355 273.742 37703.406
41373.969 26.800 28.134
26.523 1.018
1/5/2017 11:00:00 AM 46800.000 121.515
20.354 273.724 37692.148
41362.527 26.791 28.127
26.531 1.018
1/5/2017 11:15:00 AM 47700.000 121.520
20.354 273.736 37702.699
41373.879 26.799 28.134
26.523 1.018
1/5/2017 11:30:00 AM 48600.000 121.515
20.354 273.724 37711.359
41384.055 26.807 28.141
26.517 1.018
1/5/2017 11:45:00 AM 49500.000 121.510
20.352 273.713 37706.762
41380.301 26.804 28.139
26.520 1.018
1/5/2017 12:00:00 PM 50400.000 121.510
20.353 273.713 37710.027
41383.508 26.806 28.141
26.518 1.018
1/5/2017 12:15:00 PM 51300.000 121.518
20.350 273.731 37709.879
41385.324 26.808 28.142
26.518 1.018
1/5/2017 12:30:00 PM 52200.000 121.512
20.355 273.718 37695.742
41366.086 26.794 28.129
26.528 1.018
1/5/2017 12:45:00 PM 53100.000 121.517
20.352 273.728 37743.922
41421.320 26.833 28.167
26.494 1.018

1/5/2017 1:00:00 PM 54000.000 121.528 20.350
273.754 37594.777 41258.848
26.717 28.056 26.599
1.018
1/5/2017 1:15:00 PM 54900.000 121.527 20.347
273.751 37685.539 41361.641
26.790 28.126 26.535
1.018
1/5/2017 1:30:00 PM 55800.000 121.535 20.352
273.769 37665.051 41334.840
26.771 28.108 26.550
1.018
1/5/2017 1:45:00 PM 56700.000 121.545 20.353
273.792 37680.906 41351.324
26.783 28.119 26.539
1.018
1/5/2017 2:00:00 PM 57600.000 121.553 20.348
273.810 37610.309 41277.793
26.730 28.069 26.588
1.018
1/5/2017 2:15:00 PM 58500.000 121.568 20.350
273.843 37693.176 41367.602
26.795 28.130 26.530
1.018
1/5/2017 2:30:00 PM 59400.000 121.570 20.350
273.849 37677.695 41350.309
26.782 28.118 26.541
1.018
1/5/2017 2:45:00 PM 60300.000 121.573 20.353
273.856 37691.484 41362.863
26.791 28.127 26.531
1.018
1/5/2017 3:00:00 PM 61200.000 121.594 20.348
273.901 37693.316 41369.270
26.796 28.131 26.530
1.018
1/5/2017 3:15:00 PM 62100.000 121.587 20.352
273.886 37704.855 41378.063
26.802 28.137 26.522
1.018
1/5/2017 3:30:00 PM 63000.000 121.600 20.349
273.915 37698.840 41374.570
26.800 28.135 26.526
1.018
1/5/2017 3:45:00 PM 63900.000 121.609 20.349
273.936 37699.164 41374.246
26.800 28.134 26.526
1.018
1/5/2017 4:00:00 PM 64800.000 121.599 20.346
273.915 37608.059 41276.836
26.729 28.068 26.590
1.018
1/5/2017 4:15:00 PM 65700.000 121.604 20.348
273.924 37676.152 41350.203
26.782 28.118 26.542
1.018
1/5/2017 4:30:00 PM 66600.000 121.608 20.347

| | | | | |
|---|---|---|---|---|
| 273.934 | 37678.402 | 41353.273 | | |
| 26.784 | 28.120 | 26.540 | | |
| 1.018 | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 121.607 | 20.343 | |
| 273.932 | 37688.020 | 41367.855 | | |
| 26.795 | 28.130 | 26.534 | | |
| 1.018 | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 121.623 | 20.347 | |
| 273.967 | 37676.723 | 41351.887 | | |
| 26.783 | 28.119 | 26.542 | | |
| 1.018 | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 121.607 | 20.354 | |
| 273.932 | 37682.730 | 41352.566 | | |
| 26.784 | 28.120 | 26.537 | | |
| 1.018 | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 121.606 | 20.349 | |
| 273.930 | 37680.328 | 41354.184 | | |
| 26.785 | 28.121 | 26.539 | | |
| 1.018 | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 121.616 | 20.349 | |
| 273.952 | 37673.398 | 41346.195 | | |
| 26.779 | 28.115 | 26.544 | | |
| 1.018 | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 121.594 | 20.349 | |
| 273.901 | 37716.453 | 41393.527 | | |
| 26.813 | 28.148 | 26.514 | | |
| 1.018 | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 121.572 | 20.349 | |
| 273.854 | 37722.395 | 41400.570 | | |
| 26.818 | 28.152 | 26.509 | | |
| 1.018 | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 121.578 | 20.346 | |
| 273.866 | 37677.316 | 41352.848 | | |
| 26.784 | 28.120 | 26.541 | | |
| 1.018 | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 121.555 | 20.348 | |
| 273.814 | 37678.328 | 41352.820 | | |
| 26.784 | 28.120 | 26.540 | | |
| 1.018 | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 121.544 | 20.347 | |
| 273.789 | 37675.172 | 41349.813 | | |
| 26.782 | 28.118 | 26.543 | | |
| 1.018 | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 121.525 | 20.351 | |
| 273.747 | 37691.938 | 41365.105 | | |
| 26.793 | 28.128 | 26.531 | | |
| 1.018 | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 121.525 | 20.355 | |
| 273.747 | 37639.852 | 41304.227 | | |
| 26.749 | 28.087 | 26.568 | | |
| 1.018 | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 121.517 | 20.353 | |
| 273.728 | 37696.121 | 41367.949 | | |
| 26.795 | 28.130 | 26.528 | | |
| 1.018 | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 121.494 | 20.348 | |
| 273.677 | 37713.395 | 41391.305 | | |

26.812 28.146 26.516
1.018
1/5/2017 8:15:00 PM 80100.000 121.475 20.351
273.635 37710.281 41385.148
26.807 28.142 26.518
1.018
1/5/2017 8:30:00 PM 81000.000 121.461 20.352
273.603 37680.895 41352.074
26.784 28.119 26.539
1.018
1/5/2017 8:45:00 PM 81900.000 121.449 20.349
273.575 37680.969 41354.277
26.785 28.121 26.539
1.018
1/5/2017 9:00:00 PM 82800.000 121.455 20.350
273.589 37692.031 41365.891
26.794 28.129 26.531
1.018
1/5/2017 9:15:00 PM 83700.000 121.437 20.355
273.550 37709.254 41380.914
26.805 28.139 26.519
1.018
1/5/2017 9:30:00 PM 84600.000 121.413 20.356
273.494 37680.090 41347.996
26.781 28.117 26.539
1.018
1/5/2017 9:45:00 PM 85500.000 121.405 20.361
273.477 37722.895 41389.895
26.811 28.145 26.509
1.018
1/5/2017 10:00:00 PM 86400.000 121.399
20.355 273.463 37687.598
41356.852 26.787 28.123
26.534 1.018
1/5/2017 10:15:00 PM 87300.000 121.397
20.351 273.458 37718.992
41395.094 26.815 28.149
26.512 1.018
1/5/2017 10:30:00 PM 88200.000 121.386
20.349 273.433 37611.211
41277.719 26.730 28.069
26.588 1.018
1/5/2017 10:45:00 PM 89100.000 121.384
20.351 273.429 37664.637
41335.297 26.772 28.108
26.550 1.018
1/5/2017 11:00:00 PM 90000.000 121.376
20.352 273.411 37689.254
41361.547 26.790 28.126
26.533 1.018
1/5/2017 11:15:00 PM 90900.000 121.385
20.351 273.431 37704.656
41378.605 26.803 28.137
26.522 1.018
1/5/2017 11:30:00 PM 91800.000 121.389
20.356 273.442 37687.801
41356.457 26.787 28.122

26.534 1.018
1/5/2017 11:45:00 PM 92700.000 121.384
20.346 273.429 37708.238
41387.316 26.809 28.143
26.519 1.018
1/6/2017 12:00:00 AM 93600.000 121.389
20.350 273.442 37685.055
41357.922 26.788 28.123
26.536 1.018
1/6/2017 12:15:00 AM 94500.000 121.422
20.352 273.515 37679.980
41351.297 26.783 28.119
26.539 1.018
1/6/2017 12:30:00 AM 95400.000 121.421
20.351 273.512 37721.352
41396.930 26.816 28.150
26.510 1.018
1/6/2017 12:45:00 AM 96300.000 121.446
20.354 273.568 37699.629
41371.184 26.797 28.132
26.525 1.018
1/6/2017 1:00:00 AM 97200.000 121.443 20.350
273.563 37689.695 41363.176
26.792 28.127 26.532
1.018
1/6/2017 1:15:00 AM 98100.000 121.464 20.350
273.610 37701.785 41376.820
26.801 28.136 26.524
1.018
1/6/2017 1:30:00 AM 99000.000 121.488 20.353
273.663 37679.195 41349.219
26.782 28.117 26.540
1.018
1/6/2017 1:45:00 AM 99900.000 121.494 20.351
273.677 37715.289 41390.504
26.811 28.146 26.514
1.018
1/6/2017 2:00:00 AM 100800.000 121.520
20.349 273.736 37633.160
41302.633 26.748 28.086
26.572 1.018
1/6/2017 2:15:00 AM 101700.000 121.537
20.349 273.774 37711.480
41388.148 26.810 28.144
26.517 1.018
1/6/2017 2:30:00 AM 102600.000 121.551
20.347 273.805 37693.988
41370.547 26.797 28.132
26.529 1.018
1/6/2017 2:45:00 AM 103500.000 121.589
20.350 273.891 37702.387
41377.633 26.802 28.137
26.524 1.018
1/6/2017 3:00:00 AM 104400.000 121.601
20.349 273.918 37681.137
41354.461 26.785 28.121
26.538 1.018

1/6/2017 3:15:00 AM 105300.000 121.620
20.348 273.960 37727.016
41405.719 26.822 28.156
26.506 1.018
1/6/2017 3:30:00 AM 106200.000 121.649
20.348 274.026 37675.969
41350.387 26.782 28.118
26.542 1.018
1/6/2017 3:45:00 AM 107100.000 121.679
20.351 274.093 37702.609
41377.043 26.802 28.136
26.523 1.018
1/6/2017 4:00:00 AM 108000.000 121.702
20.345 274.146 37697.535
41376.023 26.801 28.136
26.527 1.018
1/6/2017 4:15:00 AM 108900.000 121.702
20.349 274.146 37724.289
41402.648 26.820 28.154
26.508 1.018
1/6/2017 4:30:00 AM 109800.000 121.713
20.346 274.170 37669.980
41344.949 26.778 28.115
26.546 1.018
1/6/2017 4:45:00 AM 110700.000 121.731
20.348 274.211 37714.457
41392.699 26.813 28.147
26.515 1.018
1/6/2017 5:00:00 AM 111600.000 121.746
20.350 274.244 37693.332
41367.621 26.795 28.130
26.530 1.018
1/6/2017 5:15:00 AM 112500.000 121.751
20.346 274.257 37691.598
41368.598 26.795 28.131
26.531 1.018
1/6/2017 5:30:00 AM 113400.000 121.778
20.342 274.317 37689.836
41370.082 26.796 28.132
26.532 1.018
1/6/2017 5:45:00 AM 114300.000 121.770
20.341 274.298 37671.031
41350.805 26.782 28.119
26.546 1.018
1/6/2017 6:00:00 AM 115200.000 121.771
20.345 274.300 37732.098
41414.496 26.828 28.162
26.503 1.018
1/6/2017 6:15:00 AM 116100.000 121.775
20.345 274.311 37726.816
41408.246 26.824 28.158
26.506 1.018
1/6/2017 6:30:00 AM 117000.000 121.767
20.344 274.292 37703.281
41383.855 26.806 28.141
26.523 1.018
1/6/2017 6:45:00 AM 117900.000 121.763

| | | |
|---|---|---|
| 20.343 | 274.282 | 37730.566 |
| 41414.262 | 26.828 | 28.162 |
| 26.504 | 1.018 | |
| 1/6/2017 7:00:00 AM | 118800.000 | 121.757 |
| 20.344 | 274.271 | 37709.598 |
| 41390.172 | 26.811 | 28.145 |
| 26.518 | 1.018 | |
| 1/6/2017 7:15:00 AM | 119700.000 | 121.744 |
| 20.342 | 274.240 | 37709.766 |
| 41392.262 | 26.812 | 28.147 |
| 26.518 | 1.018 | |
| 1/6/2017 7:30:00 AM | 120600.000 | 121.743 |
| 20.340 | 274.237 | 37683.152 |
| 41365.016 | 26.793 | 28.128 |
| 26.537 | 1.018 | |
| 1/6/2017 7:45:00 AM | 121500.000 | 121.720 |
| 20.341 | 274.186 | 37717.676 |
| 41402.078 | 26.819 | 28.153 |
| 26.513 | 1.018 | |
| 1/6/2017 8:00:00 AM | 122400.000 | 121.708 |
| 20.346 | 274.159 | 37698.023 |
| 41375.648 | 26.800 | 28.135 |
| 26.527 | 1.018 | |
| 1/6/2017 8:15:00 AM | 123300.000 | 121.692 |
| 20.349 | 274.123 | 37717.227 |
| 41394.898 | 26.814 | 28.149 |
| 26.513 | 1.018 | |
| 1/6/2017 8:30:00 AM | 124200.000 | 121.678 |
| 20.347 | 274.092 | 37713.270 |
| 41392.148 | 26.812 | 28.147 |
| 26.516 | 1.018 | |
| 1/6/2017 8:45:00 AM | 125100.000 | 121.651 |
| 20.351 | 274.030 | 37691.379 |
| 41364.645 | 26.793 | 28.128 |
| 26.531 | 1.018 | |
| 1/6/2017 9:00:00 AM | 126000.000 | 121.638 |
| 20.348 | 274.000 | 37702.938 |
| 41379.527 | 26.803 | 28.138 |
| 26.523 | 1.018 | |
| 1/6/2017 9:15:00 AM | 126900.000 | 121.618 |
| 20.347 | 273.957 | 37736.168 |
| 41417.059 | 26.830 | 28.164 |
| 26.500 | 1.018 | |
| 1/6/2017 9:30:00 AM | 127800.000 | 121.596 |
| 20.344 | 273.907 | 37714.250 |
| 41395.438 | 26.815 | 28.149 |
| 26.515 | 1.018 | |
| 1/6/2017 9:45:00 AM | 128700.000 | 121.590 |
| 20.346 | 273.894 | 37706.215 |
| 41385.320 | 26.807 | 28.142 |
| 26.521 | 1.018 | |
| 1/6/2017 10:00:00 AM | 129600.000 | 121.577 |
| 20.350 | 273.863 | 37709.223 |
| 41384.605 | 26.807 | 28.142 |
| 26.519 | 1.018 | |
| 1/6/2017 10:15:00 AM | 130500.000 | 121.559 |
| 20.354 | 273.824 | 37696.586 |

41367.395 26.795 28.130
26.528 1.018
1/6/2017 10:30:00 AM 131400.000 121.538
20.355 273.777 37672.754
41340.027 26.775 28.111
26.544 1.018
1/6/2017 10:45:00 AM 132300.000 121.525
20.355 273.747 37733.383
41406.555 26.823 28.156
26.502 1.018
1/6/2017 11:00:00 AM 133200.000 121.513
20.355 273.721 37712.828
41384.309 26.807 28.141
26.516 1.018
1/6/2017 11:15:00 AM 134100.000 121.498
20.350 273.685 37720.508
41397.602 26.816 28.150
26.511 1.018
1/6/2017 11:30:00 AM 135000.000 121.485
20.346 273.657 37695.313
41372.754 26.798 28.133
26.528 1.018
1/6/2017 11:45:00 AM 135900.000 121.471
20.349 273.626 37736.809
41416.316 26.830 28.163
26.499 1.018
1/6/2017 12:00:00 PM 136800.000 121.462
20.345 273.605 37692.324
41370.227 26.797 28.132
26.531 1.018
1/6/2017 12:15:00 PM 137700.000 121.459
20.348 273.599 37698.852
41375.426 26.800 28.135
26.526 1.018
1/6/2017 12:30:00 PM 138600.000 121.453
20.347 273.586 37679.598
41355.191 26.786 28.122
26.540 1.018
1/6/2017 12:45:00 PM 139500.000 121.460
20.347 273.601 37723.953
41403.723 26.821 28.155
26.508 1.018
1/6/2017 1:00:00 PM 140400.000 121.448
20.349 273.574 37700.691
41376.750 26.801 28.136
26.525 1.018
1/6/2017 1:15:00 PM 141300.000 121.452
20.351 273.583 37703.910
41378.246 26.802 28.137
26.522 1.018
1/6/2017 1:30:00 PM 142200.000 121.453
20.354 273.586 37712.855
41385.098 26.808 28.142
26.516 1.018
1/6/2017 1:45:00 PM 143100.000 121.463
20.348 273.608 37701.078
41377.789 26.802 28.137

| | | |
|---|---|---|
| 26.524 | 1.018 | |
| 1/6/2017 2:00:00 PM | 144000.000 | 121.471 |
| 20.347 | 273.624 | 37699.078 |
| 41376.133 | 26.801 | 28.136 |
| 26.526 | 1.018 | |
| 1/6/2017 2:15:00 PM | 144900.000 | 121.493 |
| 20.348 | 273.676 | 37700.633 |
| 41377.301 | 26.802 | 28.137 |
| 26.525 | 1.018 | |
| 1/6/2017 2:30:00 PM | 145800.000 | 121.482 |
| 20.349 | 273.650 | 37689.813 |
| 41364.289 | 26.792 | 28.128 |
| 26.532 | 1.018 | |
| 1/6/2017 2:45:00 PM | 146700.000 | 121.491 |
| 20.348 | 273.671 | 37700.410 |
| 41376.754 | 26.801 | 28.136 |
| 26.525 | 1.018 | |
| 1/6/2017 3:00:00 PM | 147600.000 | 121.494 |
| 20.347 | 273.677 | 37720.805 |
| 41400.270 | 26.818 | 28.152 |
| 26.511 | 1.018 | |
| 1/6/2017 3:15:00 PM | 148500.000 | 121.509 |
| 20.346 | 273.711 | 37711.926 |
| 41391.590 | 26.812 | 28.146 |
| 26.517 | 1.018 | |
| 1/6/2017 3:30:00 PM | 149400.000 | 121.522 |
| 20.354 | 273.739 | 37726.891 |
| 41401.027 | 26.819 | 28.153 |
| 26.506 | 1.018 | |
| 1/6/2017 3:45:00 PM | 150300.000 | 121.531 |
| 20.349 | 273.761 | 37714.035 |
| 41391.395 | 26.812 | 28.146 |
| 26.515 | 1.018 | |
| 1/6/2017 4:00:00 PM | 151200.000 | 121.535 |
| 20.352 | 273.769 | 37689.582 |
| 41361.230 | 26.790 | 28.126 |
| 26.533 | 1.018 | |
| 1/6/2017 4:15:00 PM | 152100.000 | 121.535 |
| 20.348 | 273.769 | 37725.219 |
| 41404.285 | 26.821 | 28.155 |
| 26.507 | 1.018 | |
| 1/6/2017 4:30:00 PM | 153000.000 | 121.564 |
| 20.344 | 273.835 | 37710.520 |
| 41391.344 | 26.812 | 28.146 |
| 26.518 | 1.018 | |
| 1/6/2017 4:45:00 PM | 153900.000 | 121.568 |
| 20.345 | 273.844 | 37686.500 |
| 41364.594 | 26.792 | 28.128 |
| 26.535 | 1.018 | |
| 1/6/2017 5:00:00 PM | 154800.000 | 121.579 |
| 20.345 | 273.868 | 37708.867 |
| 41388.383 | 26.810 | 28.144 |
| 26.519 | 1.018 | |
| 1/6/2017 5:15:00 PM | 155700.000 | 121.579 |
| 20.349 | 273.868 | 37706.926 |
| 41383.445 | 26.806 | 28.141 |
| 26.520 | 1.018 | |

1/6/2017 5:30:00 PM 156600.000 121.584
20.346 273.881 37723.984
41404.602 26.821 28.155
26.508 1.018
1/6/2017 5:45:00 PM 157500.000 121.596
20.347 273.907 37719.816
41399.336 26.818 28.152
26.511 1.018
1/6/2017 6:00:00 PM 158400.000 121.595
20.347 273.904 37686.805
41362.805 26.791 28.127
26.534 1.018
1/6/2017 6:15:00 PM 159300.000 121.594
20.344 273.901 37714.105
41395.734 26.815 28.149
26.515 1.018
1/6/2017 6:30:00 PM 160200.000 121.591
20.348 273.896 37710.793
41388.223 26.810 28.144
26.518 1.018
1/6/2017 6:45:00 PM 161100.000 121.590
20.351 273.894 37718.160
41394.035 26.814 28.148
26.512 1.018
1/6/2017 7:00:00 PM 162000.000 121.591
20.350 273.896 37696.922
41371.410 26.798 28.133
26.527 1.018
1/6/2017 7:15:00 PM 162900.000 121.596
20.349 273.907 37689.027
41363.426 26.792 28.127
26.533 1.018
1/6/2017 7:30:00 PM 163800.000 121.582
20.349 273.875 37692.535
41367.652 26.795 28.130
26.530 1.018
1/6/2017 7:45:00 PM 164700.000 121.578
20.350 273.866 37706.332
41382.043 26.805 28.140
26.521 1.018
1/6/2017 8:00:00 PM 165600.000 121.567
20.349 273.841 37694.645
41369.820 26.796 28.131
26.529 1.018
1/6/2017 8:15:00 PM 166500.000 121.562
20.352 273.830 37690.738
41363.027 26.792 28.127
26.532 1.018
1/6/2017 8:30:00 PM 167400.000 121.550
20.350 273.803 37699.844
41374.391 26.800 28.135
26.525 1.018
1/6/2017 8:45:00 PM 168300.000 121.533
20.348 273.765 37733.551
41413.652 26.828 28.161
26.502 1.018
1/6/2017 9:00:00 PM 169200.000 121.538

20.347 273.777 37702.469
41379.688 26.803 28.138
26.523 1.018
1/6/2017 9:15:00 PM 170100.000 121.528
20.354 273.754 37714.066
41386.578 26.809 28.143
26.515 1.018
1/6/2017 9:30:00 PM 171000.000 121.520
20.355 273.736 37706.992
41377.680 26.802 28.137
26.520 1.018
1/6/2017 9:45:00 PM 171900.000 121.503
20.352 273.698 37710.988
41385.250 26.808 28.142
26.517 1.018
1/6/2017 10:00:00 PM 172800.000 121.494
20.351 273.676 37681.582
41353.512 26.785 28.120
26.538 1.018
1/6/2017 10:15:00 PM 173700.000 121.480
20.357 273.647 37679.684
41346.723 26.780 28.116
26.540 1.018
1/6/2017 10:30:00 PM 174600.000 121.475
20.354 273.635 37685.266
41354.898 26.786 28.121
26.536 1.018
1/6/2017 10:45:00 PM 175500.000 121.466
20.353 273.615 37701.699
41373.992 26.799 28.134
26.524 1.018
1/6/2017 11:00:00 PM 176400.000 121.500
20.355 273.691 37693.879
41363.742 26.792 28.127
26.530 1.018
1/6/2017 11:15:00 PM 177300.000 121.463
20.348 273.608 37708.008
41385.238 26.807 28.142
26.520 1.018
1/6/2017 11:30:00 PM 178200.000 121.463
20.348 273.608 37700.195
41376.742 26.801 28.136
26.525 1.018
1/6/2017 11:45:00 PM 179100.000 121.458
20.349 273.596 37688.594
41362.727 26.791 28.127
26.533 1.018
1/7/2017 12:00:00 AM 180000.000 121.459
20.354 273.599 37675.602
41344.664 26.778 28.114
26.542 1.018
1/7/2017 12:15:00 AM 180900.000 121.453
20.351 273.586 37668.711
41339.457 26.775 28.111
26.547 1.018
1/7/2017 12:30:00 AM 181800.000 121.467
20.349 273.617 37691.320

41366.246 26.794 28.129
26.531 1.018
1/7/2017 12:45:00 AM 182700.000 121.485
20.350 273.657 37687.250
41360.570 26.790 28.125
26.534 1.018
1/7/2017 1:00:00 AM 183600.000 121.492
20.353 273.673 37694.012
41365.477 26.793 28.129
26.529 1.018
1/7/2017 1:15:00 AM 184500.000 121.508
20.357 273.708 37669.594
41335.578 26.772 28.108
26.547 1.018
1/7/2017 1:30:00 AM 185400.000 121.522
20.359 273.739 37695.492
41362.176 26.791 28.126
26.528 1.018
1/7/2017 1:45:00 AM 186300.000 121.531
20.350 273.761 37695.543
41369.816 26.796 28.131
26.528 1.018
1/7/2017 2:00:00 AM 187200.000 121.551
20.349 273.805 37722.457
41399.965 26.818 28.152
26.509 1.018
1/7/2017 2:15:00 AM 188100.000 121.556
20.347 273.818 37705.938
41384.184 26.807 28.141
26.521 1.018
1/7/2017 2:30:00 AM 189000.000 121.593
20.349 273.899 37713.289
41390.578 26.811 28.146
26.516 1.018
1/7/2017 2:45:00 AM 189900.000 121.611
20.352 273.941 37720.738
41395.492 26.815 28.149
26.511 1.018
1/7/2017 3:00:00 AM 190800.000 121.629
20.350 273.981 37706.332
41381.809 26.805 28.140
26.521 1.018
1/7/2017 3:15:00 AM 191700.000 121.659
20.346 274.048 37710.094
41389.508 26.810 28.145
26.518 1.018
1/7/2017 3:30:00 AM 192600.000 121.673
20.345 274.080 37697.719
41376.523 26.801 28.136
26.527 1.018
1/7/2017 3:45:00 AM 193500.000 121.696
20.347 274.132 37699.938
41377.145 26.802 28.136
26.525 1.018
1/7/2017 4:00:00 AM 194400.000 121.731
20.341 274.211 37684.184
41365.313 26.793 28.128

26.536 1.018
1/7/2017 4:15:00 AM 195300.000 121.755
20.342 274.265 37706.406
41388.273 26.809 28.144
26.521 1.018
1/7/2017 4:30:00 AM 196200.000 121.763
20.345 274.282 37691.750
41370.211 26.796 28.132
26.531 1.018
1/7/2017 4:45:00 AM 197100.000 121.792
20.346 274.348 37727.734
41409.016 26.824 28.158
26.506 1.018
1/7/2017 5:00:00 AM 198000.000 121.817
20.344 274.404 37711.160
41391.813 26.812 28.146
26.517 1.018
1/7/2017 5:15:00 AM 198900.000 121.830
20.347 274.434 37712.699
41390.840 26.811 28.146
26.516 1.018
1/7/2017 5:30:00 AM 199800.000 121.843
20.340 274.463 37722.457
41407.871 26.823 28.157
26.509 1.018
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26.522 1.018

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26.531 1.018
1/8/2017 1:30:00 AM 271800.000 121.583

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| 26.538 | 1.018 | |
| 1/8/2017 1:45:00 AM | 272700.000 | 121.595 |
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| 41408.105 | 26.824 | 28.158 |
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| 41401.586 | | 26.819 | | 28.153 |
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26.542 1.018

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26.514 1.018

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26.521 1.018
1/11/2017 12:45:00 AM 528300.000 121.845

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| 1/11/2017 1:00:00 AM | 529200.000 | 121.830 |
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38734.016 24.911 26.339
28.312 1.017
1/11/2017 7:15:00 PM 594900.000 121.505
20.385 273.702 35354.152
38771.688 24.938 26.365
28.285 1.017
1/11/2017 7:30:00 PM 595800.000 121.558
20.388 273.820 35346.043
38760.305 24.930 26.357
28.292 1.017
1/11/2017 7:45:00 PM 596700.000 121.561
20.386 273.828 35371.859
38790.176 24.951 26.377
28.271 1.017
1/11/2017 8:00:00 PM 597600.000 121.596
20.385 273.907 35339.512
38755.340 24.927 26.354
28.297 1.017
1/11/2017 8:15:00 PM 598500.000 121.614
20.387 273.947 35331.699
38745.352 24.920 26.347
28.303 1.017
1/11/2017 8:30:00 PM 599400.000 121.623
20.385 273.967 35429.910
38855.129 24.998 26.421
28.225 1.017
1/11/2017 8:45:00 PM 600300.000 121.642
20.388 274.011 35396.402
38815.738 24.970 26.395
28.251 1.017
1/11/2017 9:00:00 PM 601200.000 121.697
20.382 274.135 35471.113
38902.090 25.031 26.453
28.192 1.017
1/11/2017 9:15:00 PM 602100.000 121.740
20.386 274.232 35436.742
38861.902 25.002 26.426
28.219 1.017
1/11/2017 9:30:00 PM 603000.000 121.721
20.386 274.190 35516.516
38949.316 25.065 26.486
28.156 1.017
1/11/2017 9:45:00 PM 603900.000 121.765
20.388 274.287 35529.504
38961.992 25.074 26.494
28.146 1.017
1/11/2017 10:00:00 PM 604800.000 121.790
20.386 274.344 35543.813
38978.613 25.086 26.505

28.134 1.017
1/11/2017 10:15:00 PM 605700.000 121.814
20.385 274.398 35564.496
39002.434 25.103 26.522
28.118 1.017
1/11/2017 10:30:00 PM 606600.000 121.828
20.383 274.429 35633.500
39079.824 25.158 26.574
28.063 1.017
1/11/2017 10:45:00 PM 607500.000 121.846
20.385 274.470 35613.664
39056.422 25.141 26.558
28.079 1.017
1/11/2017 11:00:00 PM 608400.000 121.865
20.387 274.512 35655.379
39100.598 25.173 26.588
28.046 1.017
1/11/2017 11:15:00 PM 609300.000 121.873
20.386 274.531 35648.891
39094.484 25.168 26.584
28.051 1.017
1/11/2017 11:30:00 PM 610200.000 121.853
20.383 274.485 35722.043
39177.008 25.227 26.640
27.994 1.017
1/11/2017 11:45:00 PM 611100.000 121.870
20.385 274.525 35701.152
39152.012 25.209 26.623
28.010 1.017

Report Date: 1/16/2017 8:32:20 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-4M LT Test_2017-01-12_17-27-38-722-BaroMerge.wsl
Create Date: 1/16/2017 8:29:56 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-4M
Device Name:
Serial Number: 428901
Firmware Version: 2.01
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 14

Log Configuration
Log Name: MPWSP MW-4M LT Test
Created By: ANorris
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 10/1/2016 7:44:55 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 10/1/2016 7:50:00 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: 197.555 (ft)
Head Pressure: 86.6734 (PSI)
Temperature: 17.9975 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 10/1/2016 7:45:03 PM | Used Battery: 14% Used Memory: 3% User Name: ANorris |
| 10/2/2016 11:27:35 AM | Log Download - Used Battery: 14% Used Memory: 3% User Name: ANorris Interval - Start Time: 10/1/2016 7:50:00 PM Stop Time: 10/2/2016 12:30:00 PM |
| 10/6/2016 5:03:54 PM | Log Download - Used Battery: 15% Used Memory: 4% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 5:15:00 PM |
| 10/13/2016 7:37:50 PM | Log Download - Used Battery: 16% Used Memory: 6% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:30:00 PM |
| 10/20/2016 7:34:33 PM | Log Download - Used Battery: 16% Used Memory: 9% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 7:30:00 PM |
| 10/27/2016 12:16:49 PM | Log Download - Used Battery: 17% Used Memory: 10% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 1:00:00 PM |
| 11/3/2016 5:11:59 PM | Log Download - Used Battery: 18% Used Memory: 14% User Name: SKuiper Interval - Start Time: 9/30/2016 7:50:00 PM Stop Time: 11/3/2016 5:10:00 PM |
| 11/11/2016 9:25:38 AM | Log Download - Used Battery: 19% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 9:25:00 AM |
| 11/17/2016 7:21:53 AM | Log Download - Used Battery: 19% Used Memory: 18% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 10:30:00 AM |
| 11/24/2016 4:40:05 PM | Log Download - Used Battery: 20% Used Memory: 21% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:35:00 PM |
| 12/2/2016 8:25:23 AM | Log Download - Used Battery: 21% Used Memory: 23% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 8:15:00 AM |
| 12/8/2016 5:30:04 PM | Log Download - Used Battery: 21% Used Memory: 26% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 5:25:00 PM |
| 12/15/2016 4:18:32 PM | Log Download - Used Battery: 22% Used Memory: 28% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 4:15:00 PM |
| 12/22/2016 3:05:36 PM | Log Download - Used Battery: 23% Used Memory: 31% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 4:05:00 PM |
| 1/5/2017 12:42:45 PM | Log Download - Used Battery: 24% Used Memory: 35% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 12:40:00 PM |
| 1/12/2017 5:25:59 PM | Log Download - Used Battery: 25% Used Memory: 39% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 5:25:00 PM |
| 1/16/2017 8:29:56 AM | User Note: "Pressure & Level adjusted by baro data from: ""MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 2248
Sensors: 2
1 - 428901: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| | Sensor: PCTD(A) 197.3ft SN#: 428901 | Sensor: PCTD(A) 197.3ft SN#: 428901 | Sensor: PCTD(A) 197.3ft SN#: 428901 | Sensor: PCTD(A) 197.3ft SN#: 428901 | Sensor: PCTD(A) 197.3ft SN#: 428901 | Sensor: PCTD(A) 197.3ft SN#: 428901 | Sensor: PCTD(A) 197.3ft SN#: 428901 |
|---|---|---|---|---|---|---|---|
| | Elapsed Time | Corrected | | | | | |
| Date and Time | Seconds | Pressure (PSI) | Temperature (C) | Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids (ppm) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) |
| 1/5/2017 12:00:00 AM | 7200.000 | 73.721 | 17.992 | 168.033 | 29274.531 | 33798.555 | 21.360 | 22983.020 | 34.159 | 1.015 | 14.703 |
| 1/5/2017 12:05:00 AM | 7500.000 | 73.724 | 17.992 | 168.039 | 29273.254 | 33797.406 | 21.359 | 22982.236 | 34.161 | 1.015 | 14.705 |
| 1/5/2017 12:10:00 AM | 7800.000 | 73.727 | 17.992 | 168.045 | 29260.018 | 33781.801 | 21.349 | 22971.627 | 34.176 | 1.015 | 14.708 |
| 1/5/2017 12:15:00 AM | 8100.000 | 73.727 | 17.991 | 168.045 | 29302.133 | 33830.809 | 21.383 | 23004.949 | 34.127 | 1.015 | 14.710 |
| 1/5/2017 12:20:00 AM | 8400.000 | 73.729 | 17.992 | 168.052 | 29291.707 | 33818.711 | 21.374 | 22996.725 | 34.139 | 1.015 | 14.711 |
| 1/5/2017 12:25:00 AM | 8700.000 | 73.722 | 17.992 | 168.036 | 29274.711 | 33798.625 | 21.360 | 22983.064 | 34.159 | 1.015 | 14.712 |
| 1/5/2017 12:30:00 AM | 9000.000 | 73.721 | 17.992 | 168.033 | 29256.170 | 33777.293 | 21.346 | 22968.559 | 34.181 | 1.015 | 14.713 |
| 1/5/2017 12:35:00 AM | 9300.000 | 73.728 | 17.991 | 168.049 | 29289.801 | 33816.570 | 21.373 | 22995.268 | 34.142 | 1.015 | 14.715 |
| 1/5/2017 12:40:00 AM | 9600.000 | 73.726 | 17.992 | 168.045 | 29254.004 | 33775.117 | 21.344 | 22967.082 | 34.183 | 1.015 | 14.716 |
| 1/5/2017 12:45:00 AM | 9900.000 | 73.728 | 17.992 | 168.049 | 29284.680 | 33810.137 | 21.368 | 22990.895 | 34.148 | 1.015 | 14.717 |
| 1/5/2017 12:50:00 AM | 10200.000 | 73.730 | 17.992 | 168.053 | 29284.320 | 33810.043 | 21.368 | 22990.832 | 34.148 | 1.015 | 14.717 |
| 1/5/2017 12:55:00 AM | 10500.000 | 73.732 | 17.991 | 168.057 | 29252.414 | 33773.473 | 21.343 | 22965.961 | 34.185 | 1.015 | 14.717 |
| 1/5/2017 1:00:00 AM | 10800.000 | 73.732 | 17.992 | 168.059 | 29312.854 | 33843.125 | 21.391 | 23013.326 | 34.115 | 1.015 | 14.716 |
| 1/5/2017 1:05:00 AM | 11100.000 | 73.734 | 17.992 | 168.064 | 29294.660 | 33821.855 | 21.377 | 22998.863 | 34.136 | 1.015 | 14.716 |
| 1/5/2017 1:10:00 AM | 11400.000 | 73.739 | 17.992 | 168.074 | 29251.008 | 33771.582 | 21.342 | 22964.678 | 34.187 | 1.015 | 14.715 |
| 1/5/2017 1:15:00 AM | 11700.000 | 73.739 | 17.991 | 168.075 | 29270.377 | 33794.340 | 21.357 | 22980.152 | 34.164 | 1.015 | 14.714 |
| 1/5/2017 1:20:00 AM | 12000.000 | 73.727 | 17.992 | 168.047 | 29265.928 | 33788.809 | 21.354 | 22976.391 | 34.169 | 1.015 | 14.715 |
| 1/5/2017 1:25:00 AM | 12300.000 | 73.745 | 17.992 | 168.088 | 29259.457 | 33781.086 | 21.348 | 22971.141 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.177 | 1.015 | 14.716 | | | | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 73.754 | 17.992 | 168.108 | 29279.738 | 33804.891 | 21.365 | 22987.328 |
| 34.153 | 1.015 | 14.717 | | | | | | |
| 1/5/2017 1:35:00 AM | 12900.000 | 73.751 | 17.991 | 168.101 | 29279.416 | 33804.648 | 21.365 | 22987.164 |
| 34.154 | 1.015 | 14.718 | | | | | | |
| 1/5/2017 1:40:00 AM | 13200.000 | 73.748 | 17.992 | 168.094 | 29285.473 | 33811.375 | 21.369 | 22991.736 |
| 34.147 | 1.015 | 14.719 | | | | | | |
| 1/5/2017 1:45:00 AM | 13500.000 | 73.754 | 17.992 | 168.108 | 29251.463 | 33771.660 | 21.342 | 22964.729 |
| 34.186 | 1.015 | 14.720 | | | | | | |
| 1/5/2017 1:50:00 AM | 13800.000 | 73.758 | 17.992 | 168.117 | 29283.727 | 33809.359 | 21.368 | 22990.365 |
| 34.149 | 1.015 | 14.721 | | | | | | |
| 1/5/2017 1:55:00 AM | 14100.000 | 73.757 | 17.992 | 168.115 | 29264.697 | 33787.137 | 21.352 | 22975.254 |
| 34.171 | 1.015 | 14.722 | | | | | | |
| 1/5/2017 2:00:00 AM | 14400.000 | 73.754 | 17.992 | 168.109 | 29259.486 | 33781.508 | 21.348 | 22971.426 |
| 34.177 | 1.015 | 14.723 | | | | | | |
| 1/5/2017 2:05:00 AM | 14700.000 | 73.765 | 17.992 | 168.133 | 29290.102 | 33816.719 | 21.373 | 22995.371 |
| 34.141 | 1.015 | 14.721 | | | | | | |
| 1/5/2017 2:10:00 AM | 15000.000 | 73.769 | 17.992 | 168.142 | 29258.139 | 33779.762 | 21.347 | 22970.240 |
| 34.179 | 1.015 | 14.720 | | | | | | |
| 1/5/2017 2:15:00 AM | 15300.000 | 73.770 | 17.992 | 168.144 | 29251.889 | 33772.602 | 21.342 | 22965.371 |
| 34.186 | 1.015 | 14.718 | | | | | | |
| 1/5/2017 2:20:00 AM | 15600.000 | 73.774 | 17.992 | 168.153 | 29254.115 | 33775.047 | 21.344 | 22967.031 |
| 34.183 | 1.015 | 14.718 | | | | | | |
| 1/5/2017 2:25:00 AM | 15900.000 | 73.776 | 17.992 | 168.159 | 29302.887 | 33831.422 | 21.383 | 23005.369 |
| 34.126 | 1.015 | 14.718 | | | | | | |
| 1/5/2017 2:30:00 AM | 16200.000 | 73.775 | 17.992 | 168.155 | 29290.721 | 33817.184 | 21.373 | 22995.688 |
| 34.141 | 1.015 | 14.718 | | | | | | |
| 1/5/2017 2:35:00 AM | 16500.000 | 73.778 | 17.992 | 168.163 | 29263.869 | 33786.109 | 21.352 | 22974.557 |
| 34.172 | 1.015 | 14.719 | | | | | | |
| 1/5/2017 2:40:00 AM | 16800.000 | 73.777 | 17.992 | 168.161 | 29280.848 | 33805.910 | 21.365 | 22988.020 |
| 34.152 | 1.015 | 14.720 | | | | | | |
| 1/5/2017 2:45:00 AM | 17100.000 | 73.782 | 17.992 | 168.173 | 29295.844 | 33823.422 | 21.378 | 22999.930 |
| 34.135 | 1.015 | 14.721 | | | | | | |
| 1/5/2017 2:50:00 AM | 17400.000 | 73.785 | 17.992 | 168.179 | 29256.783 | 33778.195 | 21.346 | 22969.176 |
| 34.180 | 1.015 | 14.722 | | | | | | |
| 1/5/2017 2:55:00 AM | 17700.000 | 73.784 | 17.992 | 168.176 | 29253.051 | 33773.617 | 21.343 | 22966.063 |
| 34.184 | 1.015 | 14.723 | | | | | | |
| 1/5/2017 3:00:00 AM | 18000.000 | 73.790 | 17.992 | 168.190 | 29284.383 | 33809.863 | 21.368 | 22990.707 |
| 34.148 | 1.015 | 14.724 | | | | | | |
| 1/5/2017 3:05:00 AM | 18300.000 | 73.791 | 17.991 | 168.194 | 29277.941 | 33802.879 | 21.363 | 22985.959 |
| 34.155 | 1.015 | 14.722 | | | | | | |
| 1/5/2017 3:10:00 AM | 18600.000 | 73.793 | 17.992 | 168.197 | 29264.266 | 33786.641 | 21.352 | 22974.916 |
| 34.171 | 1.015 | 14.720 | | | | | | |
| 1/5/2017 3:15:00 AM | 18900.000 | 73.802 | 17.992 | 168.218 | 29289.482 | 33815.754 | 21.372 | 22994.715 |
| 34.142 | 1.015 | 14.718 | | | | | | |
| 1/5/2017 3:20:00 AM | 19200.000 | 73.803 | 17.991 | 168.219 | 29282.195 | 33807.859 | 21.367 | 22989.346 |
| 34.150 | 1.015 | 14.719 | | | | | | |
| 1/5/2017 3:25:00 AM | 19500.000 | 73.800 | 17.992 | 168.213 | 29265.465 | 33788.148 | 21.353 | 22975.943 |
| 34.170 | 1.015 | 14.720 | | | | | | |
| 1/5/2017 3:30:00 AM | 19800.000 | 73.804 | 17.992 | 168.221 | 29304.043 | 33832.563 | 21.384 | 23006.145 |
| 34.125 | 1.015 | 14.721 | | | | | | |
| 1/5/2017 3:35:00 AM | 20100.000 | 73.805 | 17.991 | 168.225 | 29267.934 | 33791.324 | 21.355 | 22978.102 |
| 34.167 | 1.015 | 14.721 | | | | | | |
| 1/5/2017 3:40:00 AM | 20400.000 | 73.811 | 17.992 | 168.237 | 29291.746 | 33818.367 | 21.374 | 22996.490 |
| 34.139 | 1.015 | 14.722 | | | | | | |
| 1/5/2017 3:45:00 AM | 20700.000 | 73.808 | 17.992 | 168.231 | 29266.508 | 33789.480 | 21.354 | 22976.848 |
| 34.169 | 1.015 | 14.722 | | | | | | |
| 1/5/2017 3:50:00 AM | 21000.000 | 73.813 | 17.992 | 168.242 | 29297.885 | 33825.648 | 21.379 | 23001.441 |
| 34.132 | 1.015 | 14.721 | | | | | | |
| 1/5/2017 3:55:00 AM | 21300.000 | 73.796 | 17.992 | 168.203 | 29292.340 | 33819.051 | 21.375 | 22996.955 |
| 34.139 | 1.015 | 14.720 | | | | | | |
| 1/5/2017 4:00:00 AM | 21600.000 | 73.818 | 17.992 | 168.254 | 29252.061 | 33772.547 | 21.342 | 22965.334 |
| 34.186 | 1.015 | 14.720 | | | | | | |
| 1/5/2017 4:05:00 AM | 21900.000 | 73.820 | 17.991 | 168.260 | 29290.557 | 33817.637 | 21.374 | 22995.994 |
| 34.141 | 1.015 | 14.719 | | | | | | |
| 1/5/2017 4:10:00 AM | 22200.000 | 73.821 | 17.992 | 168.261 | 29289.549 | 33815.953 | 21.372 | 22994.848 |
| 34.142 | 1.015 | 14.718 | | | | | | |
| 1/5/2017 4:15:00 AM | 22500.000 | 73.821 | 17.992 | 168.261 | 29280.746 | 33805.730 | 21.365 | 22987.898 |
| 34.152 | 1.015 | 14.717 | | | | | | |
| 1/5/2017 4:20:00 AM | 22800.000 | 73.825 | 17.992 | 168.271 | 29261.006 | 33783.262 | 21.350 | 22972.619 |
| 34.175 | 1.015 | 14.720 | | | | | | |
| 1/5/2017 4:25:00 AM | 23100.000 | 73.815 | 17.992 | 168.248 | 29257.541 | 33779.125 | 21.347 | 22969.807 |
| 34.179 | 1.015 | 14.722 | | | | | | |
| 1/5/2017 4:30:00 AM | 23400.000 | 73.827 | 17.992 | 168.274 | 29262.631 | 33784.945 | 21.351 | 22973.764 |
| 34.173 | 1.015 | 14.725 | | | | | | |
| 1/5/2017 4:35:00 AM | 23700.000 | 73.823 | 17.992 | 168.265 | 29267.688 | 33790.715 | 21.355 | 22977.686 |
| 34.167 | 1.015 | 14.724 | | | | | | |
| 1/5/2017 4:40:00 AM | 24000.000 | 73.826 | 17.992 | 168.273 | 29254.059 | 33775.051 | 21.344 | 22967.035 |
| 34.183 | 1.015 | 14.723 | | | | | | |
| 1/5/2017 4:45:00 AM | 24300.000 | 73.833 | 17.991 | 168.289 | 29246.932 | 33767.078 | 21.338 | 22961.615 |
| 34.192 | 1.015 | 14.722 | | | | | | |
| 1/5/2017 4:50:00 AM | 24600.000 | 73.831 | 17.992 | 168.284 | 29292.496 | 33819.359 | 21.375 | 22997.166 |
| 34.138 | 1.015 | 14.717 | | | | | | |
| 1/5/2017 4:55:00 AM | 24900.000 | 73.829 | 17.992 | 168.280 | 29267.848 | 33790.969 | 21.355 | 22977.861 |
| 34.167 | 1.015 | 14.712 | | | | | | |
| 1/5/2017 5:00:00 AM | 25200.000 | 73.841 | 17.992 | 168.307 | 29273.063 | 33796.992 | 21.359 | 22981.957 |
| 34.161 | 1.015 | 14.707 | | | | | | |
| 1/5/2017 5:05:00 AM | 25500.000 | 73.838 | 17.992 | 168.301 | 29283.561 | 33809.109 | 21.368 | 22990.195 |
| 34.149 | 1.015 | 14.712 | | | | | | |
| 1/5/2017 5:10:00 AM | 25800.000 | 73.840 | 17.992 | 168.305 | 29283.871 | 33809.523 | 21.368 | 22990.479 |
| 34.148 | 1.015 | 14.717 | | | | | | |
| 1/5/2017 5:15:00 AM | 26100.000 | 73.834 | 17.992 | 168.291 | 29263.693 | 33786.230 | 21.352 | 22974.639 |
| 34.172 | 1.015 | 14.722 | | | | | | |
| 1/5/2017 5:20:00 AM | 26400.000 | 73.842 | 17.992 | 168.309 | 29291.678 | 33818.539 | 21.374 | 22996.609 |
| 34.139 | 1.015 | 14.721 | | | | | | |
| 1/5/2017 5:25:00 AM | 26700.000 | 73.837 | 17.992 | 168.297 | 29285.738 | 33811.430 | 21.369 | 22991.771 |
| 34.146 | 1.015 | 14.719 | | | | | | |
| 1/5/2017 5:30:00 AM | 27000.000 | 73.842 | 17.991 | 168.309 | 29252.234 | 33773.199 | 21.343 | 22965.777 |
| 34.185 | 1.015 | 14.718 | | | | | | |
| 1/5/2017 5:35:00 AM | 27300.000 | 73.818 | 17.992 | 168.253 | 29288.707 | 33815.109 | 21.372 | 22994.275 |
| 34.143 | 1.015 | 14.719 | | | | | | |
| 1/5/2017 5:40:00 AM | 27600.000 | 73.842 | 17.991 | 168.308 | 29291.289 | 33818.289 | 21.374 | 22996.439 |
| 34.140 | 1.015 | 14.721 | | | | | | |
| 1/5/2017 5:45:00 AM | 27900.000 | 73.832 | 17.992 | 168.285 | 29271.580 | 33795.012 | 21.358 | 22980.607 |
| 34.163 | 1.015 | 14.722 | | | | | | |
| 1/5/2017 5:50:00 AM | 28200.000 | 73.843 | 17.992 | 168.310 | 29290.828 | 33817.633 | 21.374 | 22995.990 |
| 34.140 | 1.015 | 14.721 | | | | | | |
| 1/5/2017 5:55:00 AM | 28500.000 | 73.838 | 17.991 | 168.300 | 29272.393 | 33796.473 | 21.359 | 22981.602 |
| 34.162 | 1.015 | 14.721 | | | | | | |
| 1/5/2017 6:00:00 AM | 28800.000 | 73.848 | 17.992 | 168.321 | 29270.164 | 33793.375 | 21.357 | 22979.498 |
| 34.164 | 1.015 | 14.720 | | | | | | |
| 1/5/2017 6:05:00 AM | 29100.000 | 73.840 | 17.993 | 168.304 | 29257.336 | 33778.316 | 21.346 | 22969.258 |
| 34.179 | 1.015 | 14.723 | | | | | | |
| 1/5/2017 6:10:00 AM | 29400.000 | 73.841 | 17.992 | 168.306 | 29253.744 | 33774.742 | 21.344 | 22966.826 |
| 34.184 | 1.015 | 14.726 | | | | | | |
| 1/5/2017 6:15:00 AM | 29700.000 | 73.839 | 17.992 | 168.303 | 29259.422 | 33781.047 | 21.348 | 22971.113 |
| 34.177 | 1.015 | 14.728 | | | | | | |
| 1/5/2017 6:20:00 AM | 30000.000 | 73.844 | 17.992 | 168.314 | 29280.650 | 33805.426 | 21.365 | 22987.689 |
| 34.152 | 1.015 | 14.727 | | | | | | |
| 1/5/2017 6:25:00 AM | 30300.000 | 73.847 | 17.992 | 168.319 | 29289.014 | 33815.535 | 21.372 | 22994.566 |
| 34.142 | 1.015 | 14.725 | | | | | | |
| 1/5/2017 6:30:00 AM | 30600.000 | 73.848 | 17.991 | 168.323 | 29268.355 | 33791.879 | 21.356 | 22978.479 |
| 34.167 | 1.015 | 14.723 | | | | | | |
| 1/5/2017 6:35:00 AM | 30900.000 | 73.841 | 17.992 | 168.307 | 29262.246 | 33784.633 | 21.351 | 22973.553 |
| 34.174 | 1.015 | 14.726 | | | | | | |
| 1/5/2017 6:40:00 AM | 31200.000 | 73.837 | 17.992 | 168.297 | 29278.756 | 33803.621 | 21.364 | 22986.463 |
| 34.154 | 1.015 | 14.730 | | | | | | |
| 1/5/2017 6:45:00 AM | 31500.000 | 73.837 | 17.992 | 168.297 | 29276.102 | 33800.500 | 21.362 | 22984.340 |
| 34.158 | 1.015 | 14.733 | | | | | | |
| 1/5/2017 6:50:00 AM | 31800.000 | 73.839 | 17.992 | 168.303 | 29269.320 | 33792.473 | 21.356 | 22978.883 |
| 34.165 | 1.015 | 14.734 | | | | | | |
| 1/5/2017 6:55:00 AM | 32100.000 | 73.833 | 17.992 | 168.287 | 29255.275 | 33776.453 | 21.345 | 22967.988 |
| 34.182 | 1.015 | 14.735 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 7:00:00 AM | 32400.000 | 73.835 | 17.991 | 168.293 | 29281.328 | 33806.789 | 21.366 | 22988.619 |
| 34.151 | 1.015 | 14.736 | | | | | | |
| 1/5/2017 7:05:00 AM | 32700.000 | 73.835 | 17.992 | 168.294 | 29288.105 | 33814.227 | 21.371 | 22993.676 |
| 34.144 | 1.015 | 14.736 | | | | | | |
| 1/5/2017 7:10:00 AM | 33000.000 | 73.832 | 17.992 | 168.286 | 29245.512 | 33764.914 | 21.337 | 22960.145 |
| 34.193 | 1.015 | 14.735 | | | | | | |
| 1/5/2017 7:15:00 AM | 33300.000 | 73.832 | 17.992 | 168.285 | 29260.709 | 33782.531 | 21.349 | 22972.123 |
| 34.176 | 1.015 | 14.735 | | | | | | |
| 1/5/2017 7:20:00 AM | 33600.000 | 73.835 | 17.992 | 168.293 | 29249.924 | 33770.332 | 21.341 | 22963.826 |
| 34.188 | 1.015 | 14.733 | | | | | | |
| 1/5/2017 7:25:00 AM | 33900.000 | 73.835 | 17.992 | 168.292 | 29262.012 | 33784.289 | 21.350 | 22973.318 |
| 34.174 | 1.015 | 14.732 | | | | | | |
| 1/5/2017 7:30:00 AM | 34200.000 | 73.832 | 17.992 | 168.287 | 29265.744 | 33788.734 | 21.353 | 22976.342 |
| 34.170 | 1.015 | 14.730 | | | | | | |
| 1/5/2017 7:35:00 AM | 34500.000 | 73.815 | 17.992 | 168.247 | 29269.043 | 33792.082 | 21.356 | 22978.617 |
| 34.166 | 1.015 | 14.730 | | | | | | |
| 1/5/2017 7:40:00 AM | 34800.000 | 73.828 | 17.992 | 168.278 | 29272.400 | 33796.281 | 21.359 | 22981.473 |
| 34.162 | 1.015 | 14.731 | | | | | | |
| 1/5/2017 7:45:00 AM | 35100.000 | 73.833 | 17.992 | 168.289 | 29273.582 | 33797.719 | 21.360 | 22982.451 |
| 34.160 | 1.015 | 14.731 | | | | | | |
| 1/5/2017 7:50:00 AM | 35400.000 | 73.825 | 17.992 | 168.270 | 29268.381 | 33791.777 | 21.356 | 22978.408 |
| 34.167 | 1.015 | 14.733 | | | | | | |
| 1/5/2017 7:55:00 AM | 35700.000 | 73.824 | 17.992 | 168.268 | 29254.131 | 33774.738 | 21.344 | 22966.824 |
| 34.183 | 1.015 | 14.735 | | | | | | |
| 1/5/2017 8:00:00 AM | 36000.000 | 73.819 | 17.992 | 168.257 | 29258.846 | 33780.633 | 21.348 | 22970.830 |
| 34.178 | 1.015 | 14.737 | | | | | | |
| 1/5/2017 8:05:00 AM | 36300.000 | 73.824 | 17.992 | 168.268 | 29259.895 | 33781.918 | 21.349 | 22971.707 |
| 34.176 | 1.015 | 14.738 | | | | | | |
| 1/5/2017 8:10:00 AM | 36600.000 | 73.822 | 17.992 | 168.263 | 29271.148 | 33794.781 | 21.358 | 22980.451 |
| 34.163 | 1.015 | 14.738 | | | | | | |
| 1/5/2017 8:15:00 AM | 36900.000 | 73.825 | 17.991 | 168.270 | 29271.338 | 33795.254 | 21.358 | 22980.773 |
| 34.163 | 1.015 | 14.739 | | | | | | |
| 1/5/2017 8:20:00 AM | 37200.000 | 73.815 | 17.991 | 168.247 | 29244.004 | 33763.766 | 21.336 | 22959.361 |
| 34.195 | 1.015 | 14.741 | | | | | | |
| 1/5/2017 8:25:00 AM | 37500.000 | 73.817 | 17.992 | 168.253 | 29266.547 | 33789.469 | 21.354 | 22976.842 |
| 34.169 | 1.015 | 14.743 | | | | | | |
| 1/5/2017 8:30:00 AM | 37800.000 | 73.812 | 17.992 | 168.241 | 29270.266 | 33793.891 | 21.357 | 22979.848 |
| 34.164 | 1.015 | 14.745 | | | | | | |
| 1/5/2017 8:35:00 AM | 38100.000 | 73.811 | 17.992 | 168.238 | 29274.703 | 33798.883 | 21.361 | 22983.242 |
| 34.159 | 1.015 | 14.747 | | | | | | |
| 1/5/2017 8:40:00 AM | 38400.000 | 73.813 | 17.991 | 168.244 | 29265.160 | 33788.383 | 21.353 | 22976.102 |
| 34.170 | 1.015 | 14.748 | | | | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 73.809 | 17.992 | 168.234 | 29267.248 | 33790.148 | 21.354 | 22977.303 |
| 34.168 | 1.015 | 14.750 | | | | | | |
| 1/5/2017 8:50:00 AM | 39000.000 | 73.810 | 17.992 | 168.236 | 29300.004 | 33827.898 | 21.381 | 23002.971 |
| 34.130 | 1.015 | 14.749 | | | | | | |
| 1/5/2017 8:55:00 AM | 39300.000 | 73.792 | 17.992 | 168.195 | 29257.256 | 33778.609 | 21.346 | 22969.455 |
| 34.180 | 1.015 | 14.748 | | | | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 73.791 | 17.992 | 168.192 | 29282.553 | 33807.879 | 21.367 | 22989.359 |
| 34.150 | 1.015 | 14.747 | | | | | | |
| 1/5/2017 9:05:00 AM | 39900.000 | 73.802 | 17.992 | 168.219 | 29284.150 | 33809.922 | 21.368 | 22990.750 |
| 34.148 | 1.015 | 14.751 | | | | | | |
| 1/5/2017 9:10:00 AM | 40200.000 | 73.797 | 17.992 | 168.206 | 29275.018 | 33799.246 | 21.361 | 22983.490 |
| 34.159 | 1.015 | 14.756 | | | | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 73.775 | 17.993 | 168.155 | 29277.113 | 33801.012 | 21.362 | 22984.688 |
| 34.156 | 1.015 | 14.760 | | | | | | |
| 1/5/2017 9:20:00 AM | 40800.000 | 73.794 | 17.991 | 168.198 | 29281.262 | 33806.781 | 21.366 | 22988.613 |
| 34.152 | 1.015 | 14.756 | | | | | | |
| 1/5/2017 9:25:00 AM | 41100.000 | 73.796 | 17.992 | 168.204 | 29272.295 | 33796.234 | 21.359 | 22981.441 |
| 34.162 | 1.015 | 14.753 | | | | | | |
| 1/5/2017 9:30:00 AM | 41400.000 | 73.803 | 17.992 | 168.219 | 29265.502 | 33787.801 | 21.353 | 22975.707 |
| 34.170 | 1.015 | 14.750 | | | | | | |
| 1/5/2017 9:35:00 AM | 41700.000 | 73.796 | 17.992 | 168.203 | 29262.459 | 33784.422 | 21.350 | 22973.408 |
| 34.173 | 1.015 | 14.753 | | | | | | |
| 1/5/2017 9:40:00 AM | 42000.000 | 73.793 | 17.992 | 168.198 | 29283.709 | 33809.340 | 21.368 | 22990.354 |
| 34.149 | 1.015 | 14.755 | | | | | | |
| 1/5/2017 9:45:00 AM | 42300.000 | 73.789 | 17.992 | 168.188 | 29297.016 | 33824.574 | 21.378 | 23000.711 |
| 34.133 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 9:50:00 AM | 42600.000 | 73.769 | 17.991 | 168.143 | 29273.822 | 33798.254 | 21.360 | 22982.813 |
| 34.160 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 9:55:00 AM | 42900.000 | 73.789 | 17.992 | 168.187 | 29282.342 | 33807.758 | 21.367 | 22989.277 |
| 34.150 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 10:00:00 AM | 43200.000 | 73.788 | 17.992 | 168.187 | 29275.549 | 33799.730 | 21.361 | 22983.818 |
| 34.158 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 10:05:00 AM | 43500.000 | 73.765 | 17.992 | 168.132 | 29249.557 | 33769.781 | 21.340 | 22963.451 |
| 34.189 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 10:10:00 AM | 43800.000 | 73.788 | 17.992 | 168.185 | 29280.607 | 33805.434 | 21.365 | 22987.695 |
| 34.152 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 10:15:00 AM | 44100.000 | 73.785 | 17.992 | 168.178 | 29267.123 | 33790.133 | 21.354 | 22977.293 |
| 34.168 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 10:20:00 AM | 44400.000 | 73.780 | 17.992 | 168.168 | 29269.064 | 33792.246 | 21.356 | 22978.729 |
| 34.166 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 10:25:00 AM | 44700.000 | 73.790 | 17.991 | 168.168 | 29283.268 | 33809.098 | 21.368 | 22990.189 |
| 34.149 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 10:30:00 AM | 45000.000 | 73.783 | 17.992 | 168.175 | 29279.975 | 33804.902 | 21.365 | 22987.336 |
| 34.153 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 10:35:00 AM | 45300.000 | 73.778 | 17.992 | 168.162 | 29275.789 | 33799.813 | 21.361 | 22983.873 |
| 34.158 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 10:40:00 AM | 45600.000 | 73.778 | 17.992 | 168.162 | 29263.361 | 33785.789 | 21.351 | 22974.336 |
| 34.172 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 10:45:00 AM | 45900.000 | 73.756 | 17.992 | 168.113 | 29277.850 | 33802.516 | 21.363 | 22985.713 |
| 34.156 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 10:50:00 AM | 46200.000 | 73.778 | 17.992 | 168.162 | 29279.746 | 33804.707 | 21.365 | 22987.201 |
| 34.153 | 1.015 | 14.754 | | | | | | |
| 1/5/2017 10:55:00 AM | 46500.000 | 73.763 | 17.991 | 168.129 | 29256.967 | 33778.730 | 21.346 | 22969.537 |
| 34.180 | 1.015 | 14.750 | | | | | | |
| 1/5/2017 11:00:00 AM | 46800.000 | 73.784 | 17.991 | 168.177 | 29268.842 | 33792.441 | 21.356 | 22978.863 |
| 34.166 | 1.015 | 14.746 | | | | | | |
| 1/5/2017 11:05:00 AM | 47100.000 | 73.782 | 17.992 | 168.171 | 29251.480 | 33772.129 | 21.342 | 22965.049 |
| 34.186 | 1.015 | 14.748 | | | | | | |
| 1/5/2017 11:10:00 AM | 47400.000 | 73.776 | 17.992 | 168.158 | 29251.611 | 33772.156 | 21.342 | 22965.066 |
| 34.186 | 1.015 | 14.749 | | | | | | |
| 1/5/2017 11:15:00 AM | 47700.000 | 73.777 | 17.991 | 168.161 | 29273.912 | 33798.355 | 21.360 | 22982.883 |
| 34.160 | 1.015 | 14.751 | | | | | | |
| 1/5/2017 11:20:00 AM | 48000.000 | 73.775 | 17.992 | 168.155 | 29247.883 | 33767.918 | 21.339 | 22962.186 |
| 34.191 | 1.015 | 14.753 | | | | | | |
| 1/5/2017 11:25:00 AM | 48300.000 | 73.770 | 17.992 | 168.145 | 29274.160 | 33798.387 | 21.360 | 22982.902 |
| 34.160 | 1.015 | 14.755 | | | | | | |
| 1/5/2017 11:30:00 AM | 48600.000 | 73.746 | 17.992 | 168.090 | 29292.291 | 33818.797 | 21.374 | 22996.783 |
| 34.139 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 11:35:00 AM | 48900.000 | 73.751 | 17.992 | 168.100 | 29257.332 | 33778.758 | 21.347 | 22969.555 |
| 34.179 | 1.015 | 14.754 | | | | | | |
| 1/5/2017 11:40:00 AM | 49200.000 | 73.768 | 17.991 | 168.139 | 29275.488 | 33800.176 | 21.361 | 22984.119 |
| 34.158 | 1.015 | 14.752 | | | | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 73.770 | 17.992 | 168.144 | 29275.764 | 33800.238 | 21.361 | 22984.164 |
| 34.158 | 1.015 | 14.750 | | | | | | |
| 1/5/2017 11:50:00 AM | 49800.000 | 73.768 | 17.992 | 168.140 | 29263.867 | 33786.047 | 21.352 | 22974.512 |
| 34.172 | 1.015 | 14.748 | | | | | | |
| 1/5/2017 11:55:00 AM | 50100.000 | 73.773 | 17.992 | 168.151 | 29286.115 | 33812.059 | 21.370 | 22992.201 |
| 34.146 | 1.015 | 14.747 | | | | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 73.772 | 17.992 | 168.150 | 29255.955 | 33777.238 | 21.345 | 22968.523 |
| 34.181 | 1.015 | 14.745 | | | | | | |
| 1/5/2017 12:05:00 PM | 50700.000 | 73.770 | 17.992 | 168.146 | 29263.654 | 33786.320 | 21.352 | 22974.699 |
| 34.172 | 1.015 | 14.746 | | | | | | |
| 1/5/2017 12:10:00 PM | 51000.000 | 73.769 | 17.991 | 168.143 | 29263.840 | 33786.859 | 21.352 | 22975.064 |
| 34.172 | 1.015 | 14.748 | | | | | | |
| 1/5/2017 12:15:00 PM | 51300.000 | 73.765 | 17.992 | 168.132 | 29251.969 | 33772.691 | 21.342 | 22965.432 |
| 34.186 | 1.015 | 14.749 | | | | | | |
| 1/5/2017 12:20:00 PM | 51600.000 | 73.762 | 17.992 | 168.127 | 29202.938 | 33716.156 | 21.303 | 22926.986 |
| 34.243 | 1.015 | 14.749 | | | | | | |
| 1/5/2017 12:25:00 PM | 51900.000 | 73.766 | 17.992 | 168.135 | 29120.279 | 33620.328 | 21.236 | 22861.826 |
| 34.340 | 1.015 | 14.748 | | | | | | |
| 1/5/2017 12:30:00 PM | 52200.000 | 73.766 | 17.992 | 168.136 | 29104.338 | 33602.320 | 21.224 | 22849.578 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.359 | 1.015 | 14.748 | | | | | | |
| 1/5/2017 12:35:00 PM | 52500.000 | 73.765 | 17.992 | 168.134 | 29132.709 | 33635.137 | 21.247 | 22871.893 |
| 34.326 | 1.015 | 14.746 | | | | | | |
| 1/5/2017 12:40:00 PM | 52800.000 | 73.764 | 17.992 | 168.131 | 29110.127 | 33608.609 | 21.228 | 22853.857 |
| 34.352 | 1.015 | 14.744 | | | | | | |
| 1/5/2017 12:45:00 PM | 53100.000 | 73.765 | 17.993 | 168.133 | 29114.959 | 33613.938 | 21.232 | 22857.479 |
| 34.347 | 1.015 | 14.742 | | | | | | |
| 1/5/2017 12:50:00 PM | 53400.000 | 73.773 | 17.993 | 168.152 | 29114.824 | 33613.461 | 21.232 | 22857.154 |
| 34.347 | 1.015 | 14.742 | | | | | | |
| 1/5/2017 12:55:00 PM | 53700.000 | 73.765 | 17.993 | 168.134 | 29126.742 | 33627.348 | 21.241 | 22866.596 |
| 34.333 | 1.015 | 14.742 | | | | | | |
| 1/5/2017 1:00:00 PM | 54000.000 | 73.766 | 17.992 | 168.135 | 29112.760 | 33611.914 | 21.230 | 22856.102 |
| 34.349 | 1.015 | 14.742 | | | | | | |
| 1/5/2017 1:05:00 PM | 54300.000 | 73.771 | 17.992 | 168.146 | 29113.729 | 33612.766 | 21.231 | 22856.682 |
| 34.348 | 1.015 | 14.740 | | | | | | |
| 1/5/2017 1:10:00 PM | 54600.000 | 73.767 | 17.992 | 168.138 | 29126.943 | 33628.344 | 21.242 | 22867.275 |
| 34.332 | 1.015 | 14.738 | | | | | | |
| 1/5/2017 1:15:00 PM | 54900.000 | 73.767 | 17.992 | 168.138 | 29120.131 | 33619.965 | 21.236 | 22861.578 |
| 34.341 | 1.015 | 14.736 | | | | | | |
| 1/5/2017 1:20:00 PM | 55200.000 | 73.772 | 17.992 | 168.150 | 29125.598 | 33626.344 | 21.241 | 22865.916 |
| 34.334 | 1.015 | 14.736 | | | | | | |
| 1/5/2017 1:25:00 PM | 55500.000 | 73.774 | 17.992 | 168.154 | 29110.445 | 33609.297 | 21.229 | 22854.322 |
| 34.352 | 1.015 | 14.736 | | | | | | |
| 1/5/2017 1:30:00 PM | 55800.000 | 73.770 | 17.992 | 168.144 | 29106.752 | 33604.586 | 21.225 | 22851.119 |
| 34.356 | 1.015 | 14.736 | | | | | | |
| 1/5/2017 1:35:00 PM | 56100.000 | 73.753 | 17.993 | 168.106 | 29116.018 | 33615.086 | 21.233 | 22858.260 |
| 34.345 | 1.015 | 14.737 | | | | | | |
| 1/5/2017 1:40:00 PM | 56400.000 | 73.773 | 17.992 | 168.152 | 29114.369 | 33613.578 | 21.232 | 22857.232 |
| 34.347 | 1.015 | 14.739 | | | | | | |
| 1/5/2017 1:45:00 PM | 56700.000 | 73.764 | 17.992 | 168.131 | 29121.482 | 33621.527 | 21.237 | 22862.641 |
| 34.339 | 1.015 | 14.740 | | | | | | |
| 1/5/2017 1:50:00 PM | 57000.000 | 73.767 | 17.993 | 168.138 | 29121.754 | 33621.707 | 21.237 | 22862.762 |
| 34.339 | 1.015 | 14.741 | | | | | | |
| 1/5/2017 1:55:00 PM | 57300.000 | 73.768 | 17.992 | 168.140 | 29114.504 | 33613.859 | 21.232 | 22857.426 |
| 34.347 | 1.015 | 14.742 | | | | | | |
| 1/5/2017 2:00:00 PM | 57600.000 | 73.767 | 17.992 | 168.139 | 29118.930 | 33619.230 | 21.236 | 22861.076 |
| 34.342 | 1.015 | 14.744 | | | | | | |
| 1/5/2017 2:05:00 PM | 57900.000 | 73.768 | 17.992 | 168.140 | 29115.326 | 33614.684 | 21.232 | 22857.984 |
| 34.346 | 1.015 | 14.743 | | | | | | |
| 1/5/2017 2:10:00 PM | 58200.000 | 73.769 | 17.992 | 168.142 | 29133.109 | 33635.016 | 21.247 | 22871.811 |
| 34.325 | 1.015 | 14.742 | | | | | | |
| 1/5/2017 2:15:00 PM | 58500.000 | 73.770 | 17.992 | 168.145 | 29128.004 | 33629.445 | 21.243 | 22868.025 |
| 34.331 | 1.015 | 14.741 | | | | | | |
| 1/5/2017 2:20:00 PM | 58800.000 | 73.774 | 17.992 | 168.155 | 29120.801 | 33621.129 | 21.237 | 22862.367 |
| 34.340 | 1.015 | 14.741 | | | | | | |
| 1/5/2017 2:25:00 PM | 59100.000 | 73.773 | 17.993 | 168.153 | 29097.973 | 33594.328 | 21.218 | 22844.143 |
| 34.367 | 1.015 | 14.740 | | | | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 73.771 | 17.992 | 168.147 | 29123.262 | 33623.844 | 21.239 | 22864.217 |
| 34.337 | 1.015 | 14.739 | | | | | | |
| 1/5/2017 2:35:00 PM | 59700.000 | 73.768 | 17.992 | 168.141 | 29105.439 | 33603.332 | 21.225 | 22850.268 |
| 34.358 | 1.015 | 14.739 | | | | | | |
| 1/5/2017 2:40:00 PM | 60000.000 | 73.775 | 17.992 | 168.156 | 29111.725 | 33610.523 | 21.230 | 22855.158 |
| 34.350 | 1.015 | 14.738 | | | | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 73.782 | 17.992 | 168.172 | 29113.914 | 33612.789 | 21.231 | 22856.699 |
| 34.348 | 1.015 | 14.738 | | | | | | |
| 1/5/2017 2:50:00 PM | 60600.000 | 73.777 | 17.992 | 168.161 | 29130.703 | 33632.172 | 21.245 | 22869.879 |
| 34.328 | 1.015 | 14.739 | | | | | | |
| 1/5/2017 2:55:00 PM | 60900.000 | 73.776 | 17.992 | 168.159 | 29126.316 | 33627.496 | 21.241 | 22866.699 |
| 34.333 | 1.015 | 14.740 | | | | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 73.777 | 17.992 | 168.160 | 29128.096 | 33629.230 | 21.243 | 22867.879 |
| 34.331 | 1.015 | 14.741 | | | | | | |
| 1/5/2017 3:05:00 PM | 61500.000 | 73.772 | 17.992 | 168.150 | 29126.592 | 33627.754 | 21.241 | 22866.875 |
| 34.333 | 1.015 | 14.741 | | | | | | |
| 1/5/2017 3:10:00 PM | 61800.000 | 73.776 | 17.992 | 168.158 | 29123.354 | 33624.074 | 21.239 | 22864.373 |
| 34.337 | 1.015 | 14.740 | | | | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 73.776 | 17.992 | 168.158 | 29122.305 | 33622.477 | 21.238 | 22863.287 |
| 34.338 | 1.015 | 14.740 | | | | | | |
| 1/5/2017 3:20:00 PM | 62400.000 | 73.774 | 17.992 | 168.155 | 29127.865 | 33628.961 | 21.242 | 22867.695 |
| 34.331 | 1.015 | 14.740 | | | | | | |
| 1/5/2017 3:25:00 PM | 62700.000 | 73.781 | 17.992 | 168.171 | 29137.834 | 33640.539 | 21.250 | 22875.568 |
| 34.320 | 1.015 | 14.739 | | | | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 73.782 | 17.992 | 168.172 | 29111.725 | 33610.648 | 21.230 | 22855.242 |
| 34.350 | 1.015 | 14.739 | | | | | | |
| 1/5/2017 3:35:00 PM | 63300.000 | 73.761 | 17.992 | 168.123 | 29119.975 | 33620.051 | 21.236 | 22861.635 |
| 34.341 | 1.015 | 14.739 | | | | | | |
| 1/5/2017 3:40:00 PM | 63600.000 | 73.782 | 17.992 | 168.172 | 29121.584 | 33621.645 | 21.237 | 22862.721 |
| 34.339 | 1.015 | 14.739 | | | | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 73.787 | 17.992 | 168.183 | 29135.852 | 33638.309 | 21.249 | 22874.053 |
| 34.322 | 1.015 | 14.740 | | | | | | |
| 1/5/2017 3:50:00 PM | 64200.000 | 73.787 | 17.992 | 168.184 | 29126.043 | 33626.984 | 21.241 | 22866.350 |
| 34.334 | 1.015 | 14.740 | | | | | | |
| 1/5/2017 3:55:00 PM | 64500.000 | 73.779 | 17.992 | 168.164 | 29114.641 | 33614.141 | 21.232 | 22857.617 |
| 34.347 | 1.015 | 14.741 | | | | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 73.782 | 17.992 | 168.171 | 29127.750 | 33628.953 | 21.242 | 22867.689 |
| 34.332 | 1.015 | 14.741 | | | | | | |
| 1/5/2017 4:05:00 PM | 65100.000 | 73.784 | 17.992 | 168.177 | 29128.602 | 33630.008 | 21.243 | 22868.408 |
| 34.331 | 1.015 | 14.743 | | | | | | |
| 1/5/2017 4:10:00 PM | 65400.000 | 73.779 | 17.992 | 168.165 | 29120.936 | 33621.484 | 21.237 | 22862.609 |
| 34.340 | 1.015 | 14.744 | | | | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 73.762 | 17.992 | 168.126 | 29117.877 | 33617.879 | 21.235 | 22860.158 |
| 34.343 | 1.015 | 14.745 | | | | | | |
| 1/5/2017 4:20:00 PM | 66000.000 | 73.783 | 17.992 | 168.175 | 29130.783 | 33632.594 | 21.245 | 22870.164 |
| 34.328 | 1.015 | 14.745 | | | | | | |
| 1/5/2017 4:25:00 PM | 66300.000 | 73.780 | 17.992 | 168.168 | 29128.951 | 33630.285 | 21.243 | 22868.596 |
| 34.330 | 1.015 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 73.784 | 17.992 | 168.177 | 29120.424 | 33620.566 | 21.237 | 22861.988 |
| 34.340 | 1.015 | 14.745 | | | | | | |
| 1/5/2017 4:35:00 PM | 66900.000 | 73.766 | 17.992 | 168.136 | 29120.842 | 33620.922 | 21.237 | 22862.229 |
| 34.340 | 1.015 | 14.746 | | | | | | |
| 1/5/2017 4:40:00 PM | 67200.000 | 73.782 | 17.992 | 168.172 | 29133.066 | 33635.164 | 21.247 | 22871.914 |
| 34.325 | 1.015 | 14.747 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 73.778 | 17.992 | 168.163 | 29137.223 | 33640.027 | 21.250 | 22875.219 |
| 34.320 | 1.015 | 14.749 | | | | | | |
| 1/5/2017 4:50:00 PM | 67800.000 | 73.779 | 17.992 | 168.166 | 29136.270 | 33638.598 | 21.249 | 22874.246 |
| 34.321 | 1.015 | 14.749 | | | | | | |
| 1/5/2017 4:55:00 PM | 68100.000 | 73.784 | 17.992 | 168.177 | 29136.488 | 33639.043 | 21.249 | 22874.551 |
| 34.321 | 1.015 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 73.780 | 17.992 | 168.168 | 29135.391 | 33637.719 | 21.248 | 22873.650 |
| 34.323 | 1.015 | 14.749 | | | | | | |
| 1/5/2017 5:05:00 PM | 68700.000 | 73.763 | 17.992 | 168.128 | 29111.453 | 33610.598 | 21.230 | 22855.207 |
| 34.351 | 1.015 | 14.750 | | | | | | |
| 1/5/2017 5:10:00 PM | 69000.000 | 73.779 | 17.992 | 168.166 | 29130.857 | 33632.484 | 21.245 | 22870.090 |
| 34.328 | 1.015 | 14.750 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 73.778 | 17.992 | 168.162 | 29120.125 | 33620.027 | 21.236 | 22861.619 |
| 34.341 | 1.015 | 14.751 | | | | | | |
| 1/5/2017 5:20:00 PM | 69600.000 | 73.784 | 17.992 | 168.176 | 29107.299 | 33605.539 | 21.226 | 22851.768 |
| 34.356 | 1.015 | 14.751 | | | | | | |
| 1/5/2017 5:25:00 PM | 69900.000 | 73.777 | 17.992 | 168.160 | 29115.064 | 33614.445 | 21.232 | 22857.822 |
| 34.346 | 1.015 | 14.752 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 73.783 | 17.992 | 168.175 | 29100.734 | 33597.707 | 21.221 | 22846.443 |
| 34.363 | 1.015 | 14.753 | | | | | | |
| 1/5/2017 5:35:00 PM | 70500.000 | 73.778 | 17.993 | 168.162 | 29146.859 | 33650.691 | 21.257 | 22882.471 |
| 34.309 | 1.015 | 14.752 | | | | | | |
| 1/5/2017 5:40:00 PM | 70800.000 | 73.777 | 17.993 | 168.161 | 29140.184 | 33642.867 | 21.252 | 22877.152 |
| 34.317 | 1.015 | 14.752 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 73.776 | 17.992 | 168.159 | 29104.541 | 33602.297 | 21.224 | 22849.564 |
| 34.359 | 1.015 | 14.751 | | | | | | |
| 1/5/2017 5:50:00 PM | 71400.000 | 73.781 | 17.992 | 168.169 | 29127.643 | 33628.902 | 21.242 | 22867.654 |
| 34.332 | 1.015 | 14.749 | | | | | | |
| 1/5/2017 5:55:00 PM | 71700.000 | 73.785 | 17.992 | 168.178 | 29119.381 | 33619.234 | 21.236 | 22861.082 |
| 34.341 | 1.015 | 14.747 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 73.781 | 17.992 | 168.171 | 29122.846 | 33623.234 | 21.238 | 22863.801 |
| 34.337 | 1.015 | 14.745 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 6:05:00 PM | 72300.000 | 73.778 | 17.992 | 168.163 | 29112.809 | 33611.902 | 21.230 | 22856.094 |
| 34.349 | 1.015 | 14.749 | | | | | | |
| 1/5/2017 6:10:00 PM | 72600.000 | 73.780 | 17.992 | 168.168 | 29123.633 | 33624.340 | 21.239 | 22864.551 |
| 34.336 | 1.015 | 14.752 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 73.774 | 17.992 | 168.154 | 29122.117 | 33622.258 | 21.238 | 22863.137 |
| 34.338 | 1.015 | 14.755 | | | | | | |
| 1/5/2017 6:20:00 PM | 73200.000 | 73.776 | 17.992 | 168.159 | 29127.410 | 33628.957 | 21.242 | 22867.693 |
| 34.332 | 1.015 | 14.753 | | | | | | |
| 1/5/2017 6:25:00 PM | 73500.000 | 73.778 | 17.992 | 168.162 | 29116.170 | 33615.586 | 21.233 | 22858.602 |
| 34.345 | 1.015 | 14.751 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 73.781 | 17.992 | 168.169 | 29128.863 | 33630.313 | 21.243 | 22868.613 |
| 34.330 | 1.015 | 14.748 | | | | | | |
| 1/5/2017 6:35:00 PM | 74100.000 | 73.774 | 17.992 | 168.154 | 29114.824 | 33614.168 | 21.232 | 22857.635 |
| 34.347 | 1.015 | 14.752 | | | | | | |
| 1/5/2017 6:40:00 PM | 74400.000 | 73.773 | 17.992 | 168.151 | 29124.686 | 33625.359 | 21.240 | 22865.246 |
| 34.335 | 1.015 | 14.756 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 73.767 | 17.992 | 168.138 | 29111.859 | 33610.609 | 21.230 | 22855.215 |
| 34.350 | 1.015 | 14.761 | | | | | | |
| 1/5/2017 6:50:00 PM | 75000.000 | 73.767 | 17.992 | 168.137 | 29118.381 | 33618.211 | 21.235 | 22860.385 |
| 34.343 | 1.015 | 14.760 | | | | | | |
| 1/5/2017 6:55:00 PM | 75300.000 | 73.769 | 17.992 | 168.142 | 29127.771 | 33628.980 | 21.242 | 22867.709 |
| 34.331 | 1.015 | 14.759 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 73.746 | 17.992 | 168.091 | 29127.953 | 33628.996 | 21.242 | 22867.717 |
| 34.331 | 1.015 | 14.759 | | | | | | |
| 1/5/2017 7:05:00 PM | 75900.000 | 73.765 | 17.992 | 168.133 | 29103.188 | 33600.793 | 21.223 | 22848.539 |
| 34.360 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 7:10:00 PM | 76200.000 | 73.760 | 17.992 | 168.121 | 29122.023 | 33622.738 | 21.238 | 22863.465 |
| 34.338 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 73.766 | 17.992 | 168.134 | 29119.729 | 33619.832 | 21.236 | 22861.488 |
| 34.341 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 7:20:00 PM | 76800.000 | 73.765 | 17.992 | 168.132 | 29130.740 | 33632.480 | 21.245 | 22870.088 |
| 34.328 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 7:25:00 PM | 77100.000 | 73.741 | 17.992 | 168.078 | 29129.693 | 33631.199 | 21.244 | 22869.215 |
| 34.329 | 1.015 | 14.759 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 73.760 | 17.992 | 168.121 | 29142.145 | 33645.895 | 21.254 | 22879.209 |
| 34.315 | 1.015 | 14.760 | | | | | | |
| 1/5/2017 7:35:00 PM | 77700.000 | 73.755 | 17.992 | 168.111 | 29114.967 | 33614.395 | 21.232 | 22857.789 |
| 34.347 | 1.015 | 14.759 | | | | | | |
| 1/5/2017 7:40:00 PM | 78000.000 | 73.758 | 17.992 | 168.118 | 29121.229 | 33621.691 | 21.237 | 22862.752 |
| 34.339 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 73.757 | 17.992 | 168.115 | 29146.658 | 33650.922 | 21.258 | 22882.627 |
| 34.309 | 1.015 | 14.756 | | | | | | |
| 1/5/2017 7:50:00 PM | 78600.000 | 73.751 | 17.992 | 168.102 | 29107.547 | 33605.766 | 21.226 | 22851.922 |
| 34.355 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 7:55:00 PM | 78900.000 | 73.756 | 17.992 | 168.112 | 29132.150 | 33634.035 | 21.246 | 22871.145 |
| 34.326 | 1.015 | 14.757 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 73.751 | 17.993 | 168.100 | 29124.488 | 33624.746 | 21.239 | 22864.830 |
| 34.335 | 1.015 | 14.758 | | | | | | |
| 1/5/2017 8:05:00 PM | 79500.000 | 73.729 | 17.992 | 168.052 | 29119.838 | 33619.629 | 21.236 | 22861.350 |
| 34.341 | 1.015 | 14.759 | | | | | | |
| 1/5/2017 8:10:00 PM | 79800.000 | 73.743 | 17.992 | 168.084 | 29121.480 | 33621.590 | 21.237 | 22862.682 |
| 34.339 | 1.015 | 14.761 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 73.742 | 17.992 | 168.080 | 29112.135 | 33611.063 | 21.230 | 22855.523 |
| 34.350 | 1.015 | 14.763 | | | | | | |
| 1/5/2017 8:20:00 PM | 80400.000 | 73.745 | 17.992 | 168.087 | 29137.977 | 33640.898 | 21.251 | 22875.813 |
| 34.319 | 1.015 | 14.762 | | | | | | |
| 1/5/2017 8:25:00 PM | 80700.000 | 73.742 | 17.992 | 168.081 | 29112.906 | 33612.211 | 21.231 | 22856.305 |
| 34.349 | 1.015 | 14.760 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 73.745 | 17.992 | 168.088 | 29132.660 | 33634.625 | 21.246 | 22871.545 |
| 34.326 | 1.015 | 14.759 | | | | | | |
| 1/5/2017 8:35:00 PM | 81300.000 | 73.740 | 17.992 | 168.077 | 29119.563 | 33619.445 | 21.236 | 22861.223 |
| 34.341 | 1.015 | 14.760 | | | | | | |
| 1/5/2017 8:40:00 PM | 81600.000 | 73.739 | 17.992 | 168.074 | 29143.568 | 33647.355 | 21.255 | 22880.201 |
| 34.313 | 1.015 | 14.762 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 73.736 | 17.993 | 168.067 | 29124.852 | 33625.223 | 21.240 | 22865.154 |
| 34.335 | 1.015 | 14.763 | | | | | | |
| 1/5/2017 8:50:00 PM | 82200.000 | 73.733 | 17.992 | 168.061 | 29117.371 | 33616.848 | 21.234 | 22859.459 |
| 34.344 | 1.015 | 14.765 | | | | | | |
| 1/5/2017 8:55:00 PM | 82500.000 | 73.734 | 17.992 | 168.063 | 29136.232 | 33639.070 | 21.249 | 22874.568 |
| 34.322 | 1.015 | 14.767 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 73.708 | 17.992 | 168.003 | 29130.781 | 33632.590 | 21.245 | 22870.162 |
| 34.328 | 1.015 | 14.769 | | | | | | |
| 1/5/2017 9:05:00 PM | 83100.000 | 73.744 | 17.992 | 168.085 | 29111.266 | 33609.797 | 21.229 | 22854.664 |
| 34.351 | 1.015 | 14.768 | | | | | | |
| 1/5/2017 9:10:00 PM | 83400.000 | 73.727 | 17.992 | 168.046 | 29118.197 | 33617.734 | 21.235 | 22860.063 |
| 34.343 | 1.015 | 14.768 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 73.729 | 17.992 | 168.051 | 29130.832 | 33632.512 | 21.245 | 22870.107 |
| 34.328 | 1.015 | 14.767 | | | | | | |
| 1/5/2017 9:20:00 PM | 84000.000 | 73.729 | 17.992 | 168.052 | 29127.367 | 33628.836 | 21.242 | 22867.611 |
| 34.332 | 1.015 | 14.767 | | | | | | |
| 1/5/2017 9:25:00 PM | 84300.000 | 73.725 | 17.992 | 168.041 | 29128.502 | 33629.824 | 21.243 | 22868.283 |
| 34.331 | 1.015 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 73.721 | 17.992 | 168.034 | 29124.443 | 33624.945 | 21.240 | 22864.963 |
| 34.335 | 1.015 | 14.767 | | | | | | |
| 1/5/2017 9:35:00 PM | 84900.000 | 73.722 | 17.993 | 168.035 | 29145.252 | 33648.910 | 21.256 | 22881.260 |
| 34.311 | 1.015 | 14.771 | | | | | | |
| 1/5/2017 9:40:00 PM | 85200.000 | 73.719 | 17.992 | 168.029 | 29127.221 | 33628.414 | 21.242 | 22867.322 |
| 34.332 | 1.015 | 14.775 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 73.711 | 17.992 | 168.010 | 29119.201 | 33619.480 | 21.236 | 22861.248 |
| 34.342 | 1.015 | 14.778 | | | | | | |
| 1/5/2017 9:50:00 PM | 85800.000 | 73.712 | 17.993 | 168.012 | 29123.389 | 33623.668 | 21.239 | 22864.096 |
| 34.337 | 1.015 | 14.776 | | | | | | |
| 1/5/2017 9:55:00 PM | 86100.000 | 73.714 | 17.992 | 168.017 | 29127.410 | 33628.438 | 21.242 | 22867.338 |
| 34.332 | 1.015 | 14.774 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 73.710 | 17.992 | 168.008 | 29126.998 | 33627.961 | 21.242 | 22867.014 |
| 34.332 | 1.015 | 14.773 | | | | | | |
| 1/5/2017 10:05:00 PM | 86700.000 | 73.713 | 17.992 | 168.016 | 29131.469 | 33633.707 | 21.246 | 22870.922 |
| 34.327 | 1.015 | 14.773 | | | | | | |
| 1/5/2017 10:10:00 PM | 87000.000 | 73.713 | 17.992 | 168.014 | 29136.625 | 33639.078 | 21.249 | 22874.574 |
| 34.321 | 1.015 | 14.774 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 73.710 | 17.992 | 168.008 | 29128.592 | 33629.734 | 21.243 | 22868.219 |
| 34.331 | 1.015 | 14.775 | | | | | | |
| 1/5/2017 10:20:00 PM | 87600.000 | 73.712 | 17.992 | 168.013 | 29145.613 | 33649.773 | 21.257 | 22881.848 |
| 34.310 | 1.015 | 14.772 | | | | | | |
| 1/5/2017 10:25:00 PM | 87900.000 | 73.716 | 17.992 | 168.021 | 29126.313 | 33627.238 | 21.241 | 22866.521 |
| 34.333 | 1.015 | 14.770 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 73.716 | 17.992 | 168.022 | 29119.699 | 33619.660 | 21.236 | 22861.369 |
| 34.341 | 1.015 | 14.768 | | | | | | |
| 1/5/2017 10:35:00 PM | 88500.000 | 73.710 | 17.992 | 168.009 | 29117.670 | 33617.191 | 21.234 | 22859.689 |
| 34.343 | 1.015 | 14.766 | | | | | | |
| 1/5/2017 10:40:00 PM | 88800.000 | 73.712 | 17.992 | 168.012 | 29117.672 | 33617.262 | 21.234 | 22859.740 |
| 34.343 | 1.015 | 14.765 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 73.720 | 17.992 | 168.031 | 29130.102 | 33631.613 | 21.244 | 22869.500 |
| 34.329 | 1.015 | 14.764 | | | | | | |
| 1/5/2017 10:50:00 PM | 89400.000 | 73.712 | 17.992 | 168.013 | 29121.584 | 33621.906 | 21.237 | 22862.898 |
| 34.339 | 1.015 | 14.767 | | | | | | |
| 1/5/2017 10:55:00 PM | 89700.000 | 73.706 | 17.992 | 167.998 | 29117.604 | 33617.438 | 21.234 | 22859.857 |
| 34.343 | 1.015 | 14.770 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 73.703 | 17.993 | 167.991 | 29132.977 | 33634.664 | 21.246 | 22871.572 |
| 34.325 | 1.015 | 14.773 | | | | | | |
| 1/5/2017 11:05:00 PM | 90300.000 | 73.705 | 17.992 | 167.996 | 29132.363 | 33634.547 | 21.246 | 22871.492 |
| 34.326 | 1.015 | 14.770 | | | | | | |
| 1/5/2017 11:10:00 PM | 90600.000 | 73.708 | 17.992 | 168.004 | 29115.277 | 33614.496 | 21.232 | 22857.859 |
| 34.346 | 1.015 | 14.767 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 73.715 | 17.992 | 168.019 | 29132.361 | 33634.477 | 21.246 | 22871.445 |
| 34.326 | 1.015 | 14.764 | | | | | | |
| 1/5/2017 11:20:00 PM | 91200.000 | 73.711 | 17.992 | 168.010 | 29120.227 | 33620.590 | 21.237 | 22862.004 |
| 34.340 | 1.015 | 14.766 | | | | | | |
| 1/5/2017 11:25:00 PM | 91500.000 | 73.711 | 17.992 | 168.010 | 29133.199 | 33635.246 | 21.247 | 22871.967 |
| 34.325 | 1.015 | 14.768 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 73.701 | 17.992 | 167.988 | 29138.773 | 33641.488 | 21.251 | 22876.213 |
| 34.319 | 1.015 | 14.770 | | | | | | |
| 1/5/2017 11:35:00 PM | 92100.000 | 73.687 | 17.992 | 167.956 | 29138.482 | 33641.348 | 21.251 | 22876.117 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.319 | 1.015 | 14.770 | | | | | | |
| 1/5/2017 11:40:00 PM | 92400.000 | 73.685 | 17.992 | 167.951 | 29121.381 | 33621.797 | 21.237 | 22862.824 |
| 34.339 | 1.015 | 14.771 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 73.705 | 17.993 | 167.997 | 29121.344 | 33621.309 | 21.237 | 22862.492 |
| 34.339 | 1.015 | 14.771 | | | | | | |
| 1/5/2017 11:50:00 PM | 93000.000 | 73.708 | 17.992 | 168.002 | 29144.006 | 33647.988 | 21.256 | 22880.635 |
| 34.312 | 1.015 | 14.771 | | | | | | |
| 1/5/2017 11:55:00 PM | 93300.000 | 73.710 | 17.993 | 168.007 | 29122.938 | 33623.074 | 21.238 | 22863.693 |
| 34.337 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 73.709 | 17.992 | 168.005 | 29121.705 | 33622.113 | 21.238 | 22863.039 |
| 34.339 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 12:05:00 AM | 93900.000 | 73.690 | 17.992 | 167.961 | 29123.236 | 33623.617 | 21.239 | 22864.061 |
| 34.337 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 12:10:00 AM | 94200.000 | 73.714 | 17.992 | 168.017 | 29112.459 | 33611.301 | 21.230 | 22855.686 |
| 34.350 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 73.710 | 17.992 | 168.008 | 29124.625 | 33625.156 | 21.240 | 22865.109 |
| 34.335 | 1.015 | 14.770 | | | | | | |
| 1/6/2017 12:20:00 AM | 94800.000 | 73.691 | 17.992 | 167.964 | 29119.875 | 33619.805 | 21.236 | 22861.467 |
| 34.341 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 12:25:00 AM | 95100.000 | 73.713 | 17.992 | 168.016 | 29123.121 | 33623.484 | 21.239 | 22863.971 |
| 34.337 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 73.691 | 17.991 | 167.964 | 29141.195 | 33645.066 | 21.254 | 22878.645 |
| 34.316 | 1.015 | 14.772 | | | | | | |
| 1/6/2017 12:35:00 AM | 95700.000 | 73.714 | 17.992 | 168.017 | 29114.824 | 33614.426 | 21.232 | 22857.811 |
| 34.347 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 12:40:00 AM | 96000.000 | 73.691 | 17.992 | 167.965 | 29108.148 | 33606.719 | 21.227 | 22852.570 |
| 34.355 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 73.720 | 17.992 | 168.032 | 29141.195 | 33644.477 | 21.253 | 22878.244 |
| 34.316 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 12:50:00 AM | 96600.000 | 73.718 | 17.992 | 168.027 | 29145.566 | 33649.848 | 21.257 | 22881.896 |
| 34.311 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 12:55:00 AM | 96900.000 | 73.718 | 17.991 | 168.027 | 29128.607 | 33630.465 | 21.243 | 22868.717 |
| 34.331 | 1.015 | 14.770 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 73.702 | 17.992 | 167.989 | 29119.156 | 33619.031 | 21.235 | 22860.943 |
| 34.342 | 1.015 | 14.772 | | | | | | |
| 1/6/2017 1:05:00 AM | 97500.000 | 73.715 | 17.992 | 168.019 | 29114.264 | 33613.383 | 21.232 | 22857.102 |
| 34.347 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 1:10:00 AM | 97800.000 | 73.723 | 17.992 | 168.037 | 29138.951 | 33641.828 | 21.251 | 22876.443 |
| 34.318 | 1.015 | 14.770 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 73.724 | 17.992 | 168.040 | 29137.988 | 33640.773 | 21.251 | 22875.727 |
| 34.319 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 1:20:00 AM | 98400.000 | 73.726 | 17.992 | 168.045 | 29117.965 | 33617.531 | 21.234 | 22859.922 |
| 34.343 | 1.015 | 14.770 | | | | | | |
| 1/6/2017 1:25:00 AM | 98700.000 | 73.723 | 17.992 | 168.037 | 29118.973 | 33619.020 | 21.235 | 22860.936 |
| 34.342 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 73.722 | 17.993 | 168.036 | 29135.893 | 33638.105 | 21.249 | 22873.912 |
| 34.322 | 1.015 | 14.772 | | | | | | |
| 1/6/2017 1:35:00 AM | 99300.000 | 73.731 | 17.992 | 168.057 | 29118.605 | 33618.793 | 21.235 | 22860.781 |
| 34.342 | 1.015 | 14.772 | | | | | | |
| 1/6/2017 1:40:00 AM | 99600.000 | 73.731 | 17.992 | 168.056 | 29116.920 | 33616.395 | 21.234 | 22859.150 |
| 34.344 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 73.733 | 17.992 | 168.060 | 29120.658 | 33620.840 | 21.237 | 22862.174 |
| 34.340 | 1.015 | 14.770 | | | | | | |
| 1/6/2017 1:50:00 AM | 100200.000 | 73.735 | 17.992 | 168.065 | 29122.299 | 33622.660 | 21.238 | 22863.408 |
| 34.338 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 1:55:00 AM | 100500.000 | 73.743 | 17.993 | 168.084 | 29129.508 | 33630.660 | 21.244 | 22868.852 |
| 34.329 | 1.015 | 14.767 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 73.726 | 17.992 | 168.045 | 29124.762 | 33625.504 | 21.240 | 22865.346 |
| 34.335 | 1.015 | 14.765 | | | | | | |
| 1/6/2017 2:05:00 AM | 101100.000 | 73.727 | 17.991 | 168.047 | 29142.059 | 33646.063 | 21.254 | 22879.324 |
| 34.315 | 1.015 | 14.767 | | | | | | |
| 1/6/2017 2:10:00 AM | 101400.000 | 73.744 | 17.992 | 168.086 | 29128.186 | 33629.656 | 21.243 | 22868.168 |
| 34.331 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 73.748 | 17.992 | 168.095 | 29132.666 | 33634.504 | 21.246 | 22871.463 |
| 34.326 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 2:20:00 AM | 102000.000 | 73.752 | 17.992 | 168.104 | 29123.760 | 33624.484 | 21.239 | 22864.650 |
| 34.336 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 2:25:00 AM | 102300.000 | 73.752 | 17.992 | 168.104 | 29134.465 | 33636.902 | 21.248 | 22873.094 |
| 34.324 | 1.015 | 14.767 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 73.758 | 17.992 | 168.118 | 29143.289 | 33647.293 | 21.255 | 22880.162 |
| 34.313 | 1.015 | 14.765 | | | | | | |
| 1/6/2017 2:35:00 AM | 102900.000 | 73.761 | 17.992 | 168.124 | 29118.926 | 33619.227 | 21.236 | 22861.074 |
| 34.342 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 2:40:00 AM | 103200.000 | 73.760 | 17.992 | 168.122 | 29145.857 | 33650.059 | 21.257 | 22882.041 |
| 34.310 | 1.015 | 14.772 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 73.738 | 17.992 | 168.072 | 29120.275 | 33620.266 | 21.236 | 22861.781 |
| 34.340 | 1.015 | 14.776 | | | | | | |
| 1/6/2017 2:50:00 AM | 103800.000 | 73.759 | 17.992 | 168.120 | 29120.178 | 33620.156 | 21.236 | 22861.707 |
| 34.340 | 1.015 | 14.774 | | | | | | |
| 1/6/2017 2:55:00 AM | 104100.000 | 73.762 | 17.992 | 168.126 | 29138.771 | 33641.875 | 21.251 | 22876.477 |
| 34.319 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 73.770 | 17.992 | 168.144 | 29108.352 | 33606.434 | 21.227 | 22852.377 |
| 34.354 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 3:05:00 AM | 104700.000 | 73.752 | 17.992 | 168.103 | 29125.041 | 33626.023 | 21.240 | 22865.695 |
| 34.335 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 3:10:00 AM | 105000.000 | 73.780 | 17.992 | 168.168 | 29100.031 | 33596.828 | 21.220 | 22845.844 |
| 34.364 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 73.779 | 17.993 | 168.166 | 29128.320 | 33629.289 | 21.243 | 22867.918 |
| 34.331 | 1.015 | 14.767 | | | | | | |
| 1/6/2017 3:20:00 AM | 105600.000 | 73.777 | 17.992 | 168.161 | 29134.938 | 33637.254 | 21.248 | 22873.332 |
| 34.323 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 3:25:00 AM | 105900.000 | 73.781 | 17.992 | 168.171 | 29123.488 | 33624.230 | 21.239 | 22864.477 |
| 34.337 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 73.789 | 17.992 | 168.189 | 29121.578 | 33622.227 | 21.238 | 22863.117 |
| 34.339 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 3:35:00 AM | 106500.000 | 73.782 | 17.992 | 168.172 | 29128.504 | 33629.699 | 21.243 | 22868.197 |
| 34.331 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 3:40:00 AM | 106800.000 | 73.771 | 17.992 | 168.147 | 29120.795 | 33621.121 | 21.237 | 22862.363 |
| 34.340 | 1.015 | 14.772 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 73.766 | 17.992 | 168.135 | 29131.014 | 33632.723 | 21.245 | 22870.252 |
| 34.328 | 1.015 | 14.774 | | | | | | |
| 1/6/2017 3:50:00 AM | 107400.000 | 73.790 | 17.992 | 168.191 | 29126.176 | 33627.211 | 21.241 | 22866.504 |
| 34.333 | 1.015 | 14.772 | | | | | | |
| 1/6/2017 3:55:00 AM | 107700.000 | 73.792 | 17.992 | 168.196 | 29135.027 | 33637.492 | 21.248 | 22873.494 |
| 34.323 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 73.798 | 17.992 | 168.207 | 29126.633 | 33627.473 | 21.241 | 22866.682 |
| 34.333 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 4:05:00 AM | 108300.000 | 73.803 | 17.992 | 168.220 | 29121.482 | 33621.789 | 21.237 | 22862.818 |
| 34.339 | 1.015 | 14.767 | | | | | | |
| 1/6/2017 4:10:00 AM | 108600.000 | 73.783 | 17.992 | 168.174 | 29135.709 | 33638.215 | 21.249 | 22873.986 |
| 34.322 | 1.015 | 14.765 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 73.814 | 17.992 | 168.244 | 29119.791 | 33619.902 | 21.236 | 22861.533 |
| 34.341 | 1.015 | 14.763 | | | | | | |
| 1/6/2017 4:20:00 AM | 109200.000 | 73.810 | 17.992 | 168.236 | 29133.115 | 33635.090 | 21.247 | 22871.863 |
| 34.325 | 1.015 | 14.763 | | | | | | |
| 1/6/2017 4:25:00 AM | 109500.000 | 73.815 | 17.992 | 168.248 | 29120.527 | 33621.012 | 21.237 | 22862.289 |
| 34.340 | 1.015 | 14.764 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 73.815 | 17.992 | 168.247 | 29133.473 | 33635.758 | 21.247 | 22872.318 |
| 34.325 | 1.015 | 14.765 | | | | | | |
| 1/6/2017 4:35:00 AM | 110100.000 | 73.812 | 17.992 | 168.241 | 29123.484 | 33624.168 | 21.239 | 22864.436 |
| 34.337 | 1.015 | 14.764 | | | | | | |
| 1/6/2017 4:40:00 AM | 110400.000 | 73.818 | 17.992 | 168.253 | 29121.629 | 33621.887 | 21.237 | 22862.885 |
| 34.339 | 1.015 | 14.763 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 73.822 | 17.992 | 168.263 | 29136.805 | 33639.547 | 21.250 | 22874.893 |
| 34.321 | 1.015 | 14.763 | | | | | | |
| 1/6/2017 4:50:00 AM | 111000.000 | 73.824 | 17.992 | 168.268 | 29128.549 | 33630.012 | 21.243 | 22868.410 |
| 34.331 | 1.015 | 14.761 | | | | | | |
| 1/6/2017 4:55:00 AM | 111300.000 | 73.829 | 17.992 | 168.279 | 29130.703 | 33632.563 | 21.245 | 22870.145 |
| 34.328 | 1.015 | 14.760 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 73.831 | 17.992 | 168.283 | 29123.039 | 33623.711 | 21.239 | 22864.125 |
| 34.337 | 1.015 | 14.759 | | | | | | |
| 1/6/2017 5:05:00 AM | 111900.000 | 73.830 | 17.992 | 168.281 | 29118.611 | 33618.477 | 21.235 | 22860.564 |
| 34.342 | 1.015 | 14.762 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/6/2017 5:10:00 AM | 112200.000 | 73.828 | 17.992 | 168.276 | 29135.344 | 33637.598 | 21.248 | 22873.568 |
| 34.323 | 1.015 | 14.765 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 73.832 | 17.992 | 168.287 | 29125.590 | 33626.270 | 21.240 | 22865.863 |
| 34.334 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 5:20:00 AM | 112800.000 | 73.826 | 17.992 | 168.272 | 29139.404 | 33642.730 | 21.252 | 22877.059 |
| 34.318 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 5:25:00 AM | 113100.000 | 73.833 | 17.993 | 168.288 | 29126.682 | 33627.398 | 21.241 | 22866.633 |
| 34.333 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 73.813 | 17.993 | 168.242 | 29135.074 | 33637.160 | 21.248 | 22873.270 |
| 34.323 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 5:35:00 AM | 113700.000 | 73.837 | 17.992 | 168.297 | 29136.111 | 33638.680 | 21.249 | 22874.305 |
| 34.322 | 1.015 | 14.770 | | | | | | |
| 1/6/2017 5:40:00 AM | 114000.000 | 73.831 | 17.992 | 168.284 | 29137.629 | 33640.168 | 21.250 | 22875.314 |
| 34.320 | 1.015 | 14.770 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 73.836 | 17.992 | 168.294 | 29127.313 | 33628.324 | 21.242 | 22867.260 |
| 34.332 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 5:50:00 AM | 114600.000 | 73.833 | 17.992 | 168.288 | 29130.557 | 33632.461 | 21.245 | 22870.076 |
| 34.328 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 5:55:00 AM | 114900.000 | 73.838 | 17.992 | 168.300 | 29133.154 | 33635.266 | 21.247 | 22871.980 |
| 34.325 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 73.838 | 17.992 | 168.300 | 29151.020 | 33655.762 | 21.261 | 22885.920 |
| 34.304 | 1.015 | 14.767 | | | | | | |
| 1/6/2017 6:05:00 AM | 115500.000 | 73.835 | 17.992 | 168.292 | 29132.063 | 33633.742 | 21.246 | 22870.947 |
| 34.326 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 6:10:00 AM | 115800.000 | 73.842 | 17.992 | 168.309 | 29127.223 | 33628.348 | 21.242 | 22867.279 |
| 34.332 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 73.840 | 17.992 | 168.304 | 29125.393 | 33626.629 | 21.241 | 22866.107 |
| 34.334 | 1.015 | 14.770 | | | | | | |
| 1/6/2017 6:20:00 AM | 116400.000 | 73.843 | 17.992 | 168.312 | 29110.754 | 33609.598 | 21.229 | 22854.529 |
| 34.352 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 6:25:00 AM | 116700.000 | 73.852 | 17.992 | 168.331 | 29110.705 | 33609.414 | 21.229 | 22854.402 |
| 34.352 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 73.842 | 17.993 | 168.308 | 29139.818 | 33642.637 | 21.252 | 22876.994 |
| 34.317 | 1.015 | 14.767 | | | | | | |
| 1/6/2017 6:35:00 AM | 117300.000 | 73.844 | 17.992 | 168.312 | 29137.309 | 33640.258 | 21.250 | 22875.375 |
| 34.320 | 1.015 | 14.767 | | | | | | |
| 1/6/2017 6:40:00 AM | 117600.000 | 73.843 | 17.992 | 168.310 | 29129.047 | 33630.648 | 21.244 | 22868.844 |
| 34.330 | 1.015 | 14.766 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 73.846 | 17.992 | 168.317 | 29131.148 | 33632.949 | 21.245 | 22870.406 |
| 34.328 | 1.015 | 14.766 | | | | | | |
| 1/6/2017 6:50:00 AM | 118200.000 | 73.842 | 17.992 | 168.309 | 29130.006 | 33631.367 | 21.244 | 22869.332 |
| 34.329 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 6:55:00 AM | 118500.000 | 73.843 | 17.992 | 168.310 | 29125.191 | 33626.266 | 21.240 | 22865.861 |
| 34.335 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 73.846 | 17.992 | 168.318 | 29132.010 | 33634.070 | 21.246 | 22871.168 |
| 34.327 | 1.015 | 14.773 | | | | | | |
| 1/6/2017 7:05:00 AM | 119100.000 | 73.845 | 17.992 | 168.316 | 29120.705 | 33620.820 | 21.237 | 22862.160 |
| 34.340 | 1.015 | 14.772 | | | | | | |
| 1/6/2017 7:10:00 AM | 119400.000 | 73.839 | 17.992 | 168.302 | 29123.119 | 33623.746 | 21.239 | 22864.148 |
| 34.337 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 73.845 | 17.992 | 168.315 | 29143.830 | 33647.520 | 21.255 | 22880.316 |
| 34.313 | 1.015 | 14.771 | | | | | | |
| 1/6/2017 7:20:00 AM | 120000.000 | 73.848 | 17.993 | 168.323 | 29126.676 | 33627.465 | 21.241 | 22866.676 |
| 34.333 | 1.015 | 14.772 | | | | | | |
| 1/6/2017 7:25:00 AM | 120300.000 | 73.841 | 17.992 | 168.307 | 29142.480 | 33646.227 | 21.254 | 22879.436 |
| 34.314 | 1.015 | 14.773 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 73.837 | 17.992 | 168.297 | 29117.924 | 33617.809 | 21.235 | 22860.111 |
| 34.343 | 1.015 | 14.774 | | | | | | |
| 1/6/2017 7:35:00 AM | 120900.000 | 73.842 | 17.992 | 168.308 | 29117.619 | 33617.258 | 21.234 | 22859.738 |
| 34.343 | 1.015 | 14.776 | | | | | | |
| 1/6/2017 7:40:00 AM | 121200.000 | 73.838 | 17.992 | 168.300 | 29132.311 | 33634.418 | 21.246 | 22871.404 |
| 34.326 | 1.015 | 14.777 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 73.836 | 17.992 | 168.294 | 29122.982 | 33623.715 | 21.239 | 22864.129 |
| 34.337 | 1.015 | 14.778 | | | | | | |
| 1/6/2017 7:50:00 AM | 121800.000 | 73.840 | 17.992 | 168.304 | 29130.461 | 33632.406 | 21.245 | 22870.039 |
| 34.328 | 1.015 | 14.777 | | | | | | |
| 1/6/2017 7:55:00 AM | 122100.000 | 73.838 | 17.992 | 168.299 | 29139.039 | 33641.863 | 21.251 | 22876.469 |
| 34.318 | 1.015 | 14.776 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 73.817 | 17.992 | 168.253 | 29136.301 | 33638.965 | 21.249 | 22874.496 |
| 34.321 | 1.015 | 14.774 | | | | | | |
| 1/6/2017 8:05:00 AM | 122700.000 | 73.838 | 17.992 | 168.300 | 29125.723 | 33626.688 | 21.241 | 22866.150 |
| 34.334 | 1.015 | 14.775 | | | | | | |
| 1/6/2017 8:10:00 AM | 123000.000 | 73.840 | 17.993 | 168.305 | 29129.412 | 33630.434 | 21.243 | 22868.695 |
| 34.330 | 1.015 | 14.776 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 73.833 | 17.992 | 168.289 | 29136.713 | 33639.438 | 21.250 | 22874.818 |
| 34.321 | 1.015 | 14.777 | | | | | | |
| 1/6/2017 8:20:00 AM | 123600.000 | 73.833 | 17.992 | 168.289 | 29134.822 | 33637.121 | 21.248 | 22873.244 |
| 34.323 | 1.015 | 14.778 | | | | | | |
| 1/6/2017 8:25:00 AM | 123900.000 | 73.813 | 17.992 | 168.242 | 29113.010 | 33612.133 | 21.231 | 22856.250 |
| 34.349 | 1.015 | 14.779 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 73.811 | 17.992 | 168.238 | 29143.250 | 33647.117 | 21.255 | 22880.039 |
| 34.313 | 1.015 | 14.780 | | | | | | |
| 1/6/2017 8:35:00 AM | 124500.000 | 73.824 | 17.992 | 168.267 | 29149.078 | 33653.578 | 21.259 | 22884.434 |
| 34.306 | 1.015 | 14.782 | | | | | | |
| 1/6/2017 8:40:00 AM | 124800.000 | 73.823 | 17.992 | 168.264 | 29128.148 | 33629.355 | 21.243 | 22867.963 |
| 34.331 | 1.015 | 14.784 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 73.798 | 17.992 | 168.208 | 29141.006 | 33644.395 | 21.253 | 22878.191 |
| 34.316 | 1.015 | 14.786 | | | | | | |
| 1/6/2017 8:50:00 AM | 125400.000 | 73.817 | 17.992 | 168.251 | 29128.678 | 33630.164 | 21.243 | 22868.514 |
| 34.330 | 1.015 | 14.785 | | | | | | |
| 1/6/2017 8:55:00 AM | 125700.000 | 73.816 | 17.992 | 168.250 | 29129.705 | 33631.086 | 21.244 | 22869.141 |
| 34.329 | 1.015 | 14.784 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 73.817 | 17.993 | 168.252 | 29138.076 | 33640.551 | 21.250 | 22875.576 |
| 34.319 | 1.015 | 14.783 | | | | | | |
| 1/6/2017 9:05:00 AM | 126300.000 | 73.815 | 17.992 | 168.248 | 29117.420 | 33617.164 | 21.234 | 22859.672 |
| 34.344 | 1.015 | 14.783 | | | | | | |
| 1/6/2017 9:10:00 AM | 126600.000 | 73.812 | 17.992 | 168.240 | 29134.367 | 33636.594 | 21.248 | 22872.887 |
| 34.324 | 1.015 | 14.782 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 73.775 | 17.992 | 168.157 | 29126.543 | 33627.563 | 21.241 | 22866.742 |
| 34.333 | 1.015 | 14.782 | | | | | | |
| 1/6/2017 9:20:00 AM | 127200.000 | 73.814 | 17.992 | 168.245 | 29129.275 | 33630.789 | 21.244 | 22868.938 |
| 34.330 | 1.015 | 14.782 | | | | | | |
| 1/6/2017 9:25:00 AM | 127500.000 | 73.809 | 17.992 | 168.233 | 29121.680 | 33621.820 | 21.237 | 22862.838 |
| 34.339 | 1.015 | 14.783 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 73.808 | 17.992 | 168.231 | 29132.813 | 33634.938 | 21.246 | 22871.760 |
| 34.326 | 1.015 | 14.784 | | | | | | |
| 1/6/2017 9:35:00 AM | 128100.000 | 73.781 | 17.992 | 168.170 | 29135.844 | 33638.496 | 21.249 | 22874.178 |
| 34.322 | 1.015 | 14.786 | | | | | | |
| 1/6/2017 9:40:00 AM | 128400.000 | 73.801 | 17.992 | 168.216 | 29155.799 | 33661.281 | 21.265 | 22889.674 |
| 34.298 | 1.015 | 14.788 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 73.774 | 17.992 | 168.153 | 29137.859 | 33641.023 | 21.251 | 22875.898 |
| 34.320 | 1.015 | 14.790 | | | | | | |
| 1/6/2017 9:50:00 AM | 129000.000 | 73.790 | 17.992 | 168.191 | 29136.170 | 33638.676 | 21.249 | 22874.301 |
| 34.322 | 1.015 | 14.788 | | | | | | |
| 1/6/2017 9:55:00 AM | 129300.000 | 73.787 | 17.992 | 168.182 | 29129.734 | 33631.121 | 21.244 | 22869.164 |
| 34.329 | 1.015 | 14.786 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 73.792 | 17.993 | 168.195 | 29122.887 | 33623.016 | 21.238 | 22863.650 |
| 34.337 | 1.015 | 14.785 | | | | | | |
| 1/6/2017 10:05:00 AM | 129900.000 | 73.787 | 17.992 | 168.183 | 29117.787 | 33617.523 | 21.234 | 22859.916 |
| 34.343 | 1.015 | 14.784 | | | | | | |
| 1/6/2017 10:10:00 AM | 130200.000 | 73.786 | 17.992 | 168.182 | 29138.125 | 33641.129 | 21.251 | 22875.969 |
| 34.319 | 1.015 | 14.784 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 73.787 | 17.992 | 168.184 | 29132.561 | 33634.582 | 21.246 | 22871.518 |
| 34.326 | 1.015 | 14.784 | | | | | | |
| 1/6/2017 10:20:00 AM | 130800.000 | 73.784 | 17.992 | 168.176 | 29125.996 | 33626.871 | 21.241 | 22866.273 |
| 34.334 | 1.015 | 14.783 | | | | | | |
| 1/6/2017 10:25:00 AM | 131100.000 | 73.780 | 17.993 | 168.168 | 29127.223 | 33627.961 | 21.242 | 22867.014 |
| 34.332 | 1.015 | 14.781 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 73.759 | 17.992 | 168.120 | 29133.764 | 33635.969 | 21.247 | 22872.459 |
| 34.324 | 1.015 | 14.780 | | | | | | |
| 1/6/2017 10:35:00 AM | 131700.000 | 73.784 | 17.992 | 168.176 | 29142.416 | 33645.961 | 21.254 | 22879.256 |
| 34.314 | 1.015 | 14.778 | | | | | | |
| 1/6/2017 10:40:00 AM | 132000.000 | 73.785 | 17.993 | 168.179 | 29127.455 | 33628.363 | 21.242 | 22867.289 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.332 | 1.015 | 14.776 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 73.782 | 17.992 | 168.171 | 29125.174 | 33626.051 | 21.240 | 22865.715 |
| 34.335 | 1.015 | 14.774 | | | | | | |
| 1/6/2017 10:50:00 AM | 132600.000 | 73.783 | 17.992 | 168.175 | 29126.676 | 33627.715 | 21.241 | 22866.846 |
| 34.333 | 1.015 | 14.775 | | | | | | |
| 1/6/2017 10:55:00 AM | 132900.000 | 73.776 | 17.992 | 168.158 | 29134.703 | 33637.305 | 21.248 | 22873.369 |
| 34.323 | 1.015 | 14.777 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 73.774 | 17.992 | 168.154 | 29141.641 | 33644.992 | 21.253 | 22878.598 |
| 34.315 | 1.015 | 14.778 | | | | | | |
| 1/6/2017 11:05:00 AM | 133500.000 | 73.768 | 17.992 | 168.140 | 29129.139 | 33630.629 | 21.244 | 22868.830 |
| 34.330 | 1.015 | 14.779 | | | | | | |
| 1/6/2017 11:10:00 AM | 133800.000 | 73.769 | 17.993 | 168.142 | 29133.975 | 33635.891 | 21.247 | 22872.408 |
| 34.324 | 1.015 | 14.779 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 73.742 | 17.992 | 168.080 | 29112.180 | 33611.176 | 21.230 | 22855.600 |
| 34.350 | 1.015 | 14.780 | | | | | | |
| 1/6/2017 11:20:00 AM | 134400.000 | 73.764 | 17.992 | 168.130 | 29126.041 | 33627.055 | 21.241 | 22866.398 |
| 34.334 | 1.015 | 14.776 | | | | | | |
| 1/6/2017 11:25:00 AM | 134700.000 | 73.760 | 17.992 | 168.121 | 29112.865 | 33611.711 | 21.230 | 22855.965 |
| 34.349 | 1.015 | 14.773 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 73.767 | 17.992 | 168.137 | 29137.176 | 33639.836 | 21.250 | 22875.090 |
| 34.320 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 11:35:00 AM | 135300.000 | 73.761 | 17.992 | 168.125 | 29141.441 | 33645.082 | 21.254 | 22878.656 |
| 34.315 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 11:40:00 AM | 135600.000 | 73.764 | 17.992 | 168.130 | 29121.934 | 33622.238 | 21.238 | 22863.125 |
| 34.338 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 73.758 | 17.992 | 168.117 | 29128.732 | 33629.898 | 21.243 | 22868.334 |
| 34.330 | 1.015 | 14.769 | | | | | | |
| 1/6/2017 11:50:00 AM | 136200.000 | 73.732 | 17.992 | 168.058 | 29126.498 | 33627.383 | 21.241 | 22866.623 |
| 34.333 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 11:55:00 AM | 136500.000 | 73.752 | 17.992 | 168.103 | 29133.338 | 33635.602 | 21.247 | 22872.209 |
| 34.325 | 1.015 | 14.768 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 73.736 | 17.992 | 168.066 | 29106.094 | 33604.023 | 21.225 | 22850.736 |
| 34.357 | 1.015 | 14.767 | | | | | | |
| 1/6/2017 12:05:00 PM | 137100.000 | 73.751 | 17.992 | 168.101 | 29121.229 | 33621.691 | 21.237 | 22862.752 |
| 34.339 | 1.015 | 14.766 | | | | | | |
| 1/6/2017 12:10:00 PM | 137400.000 | 73.750 | 17.992 | 168.100 | 29108.297 | 33606.633 | 21.227 | 22852.510 |
| 34.354 | 1.015 | 14.764 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 73.752 | 17.992 | 168.104 | 29121.133 | 33621.512 | 21.237 | 22862.631 |
| 34.339 | 1.015 | 14.762 | | | | | | |
| 1/6/2017 12:20:00 PM | 138000.000 | 73.731 | 17.992 | 168.055 | 29123.240 | 33623.555 | 21.239 | 22864.020 |
| 34.337 | 1.015 | 14.762 | | | | | | |
| 1/6/2017 12:25:00 PM | 138300.000 | 73.749 | 17.993 | 168.096 | 29132.561 | 33634.258 | 21.246 | 22871.297 |
| 34.326 | 1.015 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 73.746 | 17.992 | 168.091 | 29132.016 | 33634.078 | 21.246 | 22871.176 |
| 34.326 | 1.015 | 14.762 | | | | | | |
| 1/6/2017 12:35:00 PM | 138900.000 | 73.745 | 17.991 | 168.087 | 29128.652 | 33630.586 | 21.243 | 22868.799 |
| 34.330 | 1.015 | 14.762 | | | | | | |
| 1/6/2017 12:40:00 PM | 139200.000 | 73.738 | 17.992 | 168.071 | 29107.898 | 33606.172 | 21.226 | 22852.197 |
| 34.355 | 1.015 | 14.763 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 73.741 | 17.993 | 168.079 | 29116.920 | 33616.008 | 21.233 | 22858.887 |
| 34.344 | 1.015 | 14.763 | | | | | | |
| 1/6/2017 12:50:00 PM | 139800.000 | 73.742 | 17.992 | 168.082 | 29122.621 | 33623.230 | 21.238 | 22863.799 |
| 34.338 | 1.015 | 14.761 | | | | | | |
| 1/6/2017 12:55:00 PM | 140100.000 | 73.745 | 17.992 | 168.087 | 29127.092 | 33628.332 | 21.242 | 22867.268 |
| 34.332 | 1.015 | 14.758 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 73.747 | 17.993 | 168.091 | 29119.428 | 33618.961 | 21.235 | 22860.895 |
| 34.341 | 1.015 | 14.756 | | | | | | |
| 1/6/2017 1:05:00 PM | 140700.000 | 73.723 | 17.992 | 168.038 | 29121.025 | 33621.262 | 21.237 | 22862.459 |
| 34.339 | 1.015 | 14.756 | | | | | | |
| 1/6/2017 1:10:00 PM | 141000.000 | 73.742 | 17.992 | 168.080 | 29124.842 | 33625.793 | 21.240 | 22865.539 |
| 34.335 | 1.015 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 73.744 | 17.992 | 168.086 | 29123.988 | 33624.750 | 21.239 | 22864.832 |
| 34.336 | 1.015 | 14.757 | | | | | | |
| 1/6/2017 1:20:00 PM | 141600.000 | 73.739 | 17.992 | 168.074 | 29116.219 | 33615.715 | 21.233 | 22858.686 |
| 34.345 | 1.015 | 14.755 | | | | | | |
| 1/6/2017 1:25:00 PM | 141900.000 | 73.741 | 17.992 | 168.079 | 29129.049 | 33630.719 | 21.244 | 22868.889 |
| 34.330 | 1.015 | 14.752 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 73.743 | 17.992 | 168.084 | 29130.604 | 33632.320 | 21.245 | 22869.980 |
| 34.328 | 1.015 | 14.750 | | | | | | |
| 1/6/2017 1:35:00 PM | 142500.000 | 73.716 | 17.992 | 168.021 | 29127.639 | 33628.828 | 21.242 | 22867.605 |
| 34.332 | 1.015 | 14.751 | | | | | | |
| 1/6/2017 1:40:00 PM | 142800.000 | 73.730 | 17.992 | 168.054 | 29152.828 | 33658.305 | 21.263 | 22887.648 |
| 34.302 | 1.015 | 14.751 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 73.737 | 17.992 | 168.070 | 29128.910 | 33630.238 | 21.243 | 22868.563 |
| 34.330 | 1.015 | 14.752 | | | | | | |
| 1/6/2017 1:50:00 PM | 143400.000 | 73.737 | 17.992 | 168.069 | 29123.805 | 33624.664 | 21.239 | 22864.773 |
| 34.336 | 1.015 | 14.749 | | | | | | |
| 1/6/2017 1:55:00 PM | 143700.000 | 73.738 | 17.992 | 168.072 | 29130.371 | 33632.051 | 21.244 | 22869.797 |
| 34.328 | 1.015 | 14.747 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 73.718 | 17.993 | 168.025 | 29111.559 | 33610.012 | 21.229 | 22854.809 |
| 34.351 | 1.015 | 14.744 | | | | | | |
| 1/6/2017 2:05:00 PM | 144300.000 | 73.741 | 17.992 | 168.077 | 29126.814 | 33627.750 | 21.242 | 22866.873 |
| 34.333 | 1.015 | 14.742 | | | | | | |
| 1/6/2017 2:10:00 PM | 144600.000 | 73.741 | 17.992 | 168.079 | 29119.020 | 33619.195 | 21.236 | 22861.053 |
| 34.342 | 1.015 | 14.740 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 73.742 | 17.992 | 168.080 | 29126.496 | 33627.449 | 21.241 | 22866.666 |
| 34.333 | 1.015 | 14.737 | | | | | | |
| 1/6/2017 2:20:00 PM | 145200.000 | 73.743 | 17.992 | 168.083 | 29124.240 | 33625.098 | 21.240 | 22865.068 |
| 34.336 | 1.015 | 14.735 | | | | | | |
| 1/6/2017 2:25:00 PM | 145500.000 | 73.740 | 17.992 | 168.077 | 29124.123 | 33625.227 | 21.240 | 22865.156 |
| 34.336 | 1.015 | 14.734 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 73.727 | 17.992 | 168.047 | 29125.443 | 33626.688 | 21.241 | 22866.150 |
| 34.334 | 1.015 | 14.732 | | | | | | |
| 1/6/2017 2:35:00 PM | 146100.000 | 73.724 | 17.992 | 168.040 | 29126.994 | 33628.219 | 21.242 | 22867.191 |
| 34.332 | 1.015 | 14.734 | | | | | | |
| 1/6/2017 2:40:00 PM | 146400.000 | 73.740 | 17.992 | 168.077 | 29124.441 | 33625.402 | 21.240 | 22865.275 |
| 34.335 | 1.015 | 14.736 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 73.739 | 17.992 | 168.074 | 29120.430 | 33620.379 | 21.236 | 22861.857 |
| 34.340 | 1.015 | 14.739 | | | | | | |
| 1/6/2017 2:50:00 PM | 147000.000 | 73.724 | 17.992 | 168.040 | 29132.879 | 33635.141 | 21.247 | 22871.896 |
| 34.325 | 1.015 | 14.738 | | | | | | |
| 1/6/2017 2:55:00 PM | 147300.000 | 73.744 | 17.992 | 168.085 | 29152.094 | 33656.934 | 21.262 | 22886.717 |
| 34.303 | 1.015 | 14.737 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 73.742 | 17.992 | 168.081 | 29134.570 | 33636.965 | 21.248 | 22873.139 |
| 34.323 | 1.015 | 14.736 | | | | | | |
| 1/6/2017 3:05:00 PM | 147900.000 | 73.745 | 17.993 | 168.088 | 29115.781 | 33614.887 | 21.233 | 22858.123 |
| 34.346 | 1.015 | 14.737 | | | | | | |
| 1/6/2017 3:10:00 PM | 148200.000 | 73.746 | 17.992 | 168.090 | 29121.889 | 33622.188 | 21.238 | 22863.088 |
| 34.338 | 1.015 | 14.738 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 73.741 | 17.992 | 168.078 | 29111.313 | 33609.785 | 21.229 | 22854.656 |
| 34.351 | 1.015 | 14.739 | | | | | | |
| 1/6/2017 3:20:00 PM | 148800.000 | 73.744 | 17.992 | 168.086 | 29126.225 | 33627.195 | 21.241 | 22866.494 |
| 34.333 | 1.015 | 14.740 | | | | | | |
| 1/6/2017 3:25:00 PM | 149100.000 | 73.740 | 17.992 | 168.076 | 29133.113 | 33635.469 | 21.247 | 22872.119 |
| 34.325 | 1.015 | 14.742 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 73.739 | 17.992 | 168.073 | 29127.086 | 33628.453 | 21.242 | 22867.350 |
| 34.332 | 1.015 | 14.744 | | | | | | |
| 1/6/2017 3:35:00 PM | 149700.000 | 73.742 | 17.992 | 168.081 | 29129.873 | 33631.348 | 21.244 | 22869.318 |
| 34.329 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 3:40:00 PM | 150000.000 | 73.743 | 17.992 | 168.082 | 29117.965 | 33617.793 | 21.235 | 22860.100 |
| 34.343 | 1.015 | 14.746 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 73.745 | 17.992 | 168.088 | 29137.176 | 33639.711 | 21.250 | 22875.006 |
| 34.320 | 1.015 | 14.748 | | | | | | |
| 1/6/2017 3:50:00 PM | 150600.000 | 73.748 | 17.992 | 168.093 | 29117.965 | 33617.531 | 21.234 | 22859.922 |
| 34.343 | 1.015 | 14.747 | | | | | | |
| 1/6/2017 3:55:00 PM | 150900.000 | 73.744 | 17.992 | 168.084 | 29120.074 | 33620.359 | 21.236 | 22861.846 |
| 34.341 | 1.015 | 14.746 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 73.744 | 17.992 | 168.086 | 29124.307 | 33625.051 | 21.240 | 22865.035 |
| 34.336 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 4:05:00 PM | 151500.000 | 73.738 | 17.992 | 168.071 | 29150.170 | 33655.035 | 21.260 | 22885.426 |
| 34.305 | 1.015 | 14.744 | | | | | | |
| 1/6/2017 4:10:00 PM | 151800.000 | 73.754 | 17.992 | 168.108 | 29132.197 | 33634.090 | 21.246 | 22871.184 |
| 34.326 | 1.015 | 14.742 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/6/2017 4:15:00 PM | 152100.000 | 73.753 | 17.993 | 168.106 | 29130.461 | 33631.699 | 21.244 | 22869.559 |
| 34.328 | 1.015 | 14.741 | | | | | | |
| 1/6/2017 4:20:00 PM | 152400.000 | 73.748 | 17.992 | 168.095 | 29141.912 | 33645.629 | 21.254 | 22879.027 |
| 34.315 | 1.015 | 14.742 | | | | | | |
| 1/6/2017 4:25:00 PM | 152700.000 | 73.729 | 17.992 | 168.051 | 29131.260 | 33633.078 | 21.245 | 22870.494 |
| 34.327 | 1.015 | 14.743 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 73.754 | 17.992 | 168.108 | 29123.188 | 33623.758 | 21.239 | 22864.156 |
| 34.337 | 1.015 | 14.744 | | | | | | |
| 1/6/2017 4:35:00 PM | 153300.000 | 73.751 | 17.992 | 168.101 | 29147.986 | 33652.191 | 21.259 | 22883.492 |
| 34.308 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 4:40:00 PM | 153600.000 | 73.756 | 17.992 | 168.112 | 29138.441 | 33641.105 | 21.251 | 22875.951 |
| 34.319 | 1.015 | 14.747 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 73.751 | 17.992 | 168.101 | 29129.049 | 33630.527 | 21.243 | 22868.762 |
| 34.330 | 1.015 | 14.748 | | | | | | |
| 1/6/2017 4:50:00 PM | 154200.000 | 73.752 | 17.992 | 168.104 | 29139.832 | 33643.039 | 21.252 | 22877.268 |
| 34.317 | 1.015 | 14.748 | | | | | | |
| 1/6/2017 4:55:00 PM | 154500.000 | 73.754 | 17.992 | 168.109 | 29132.107 | 33634.121 | 21.246 | 22871.205 |
| 34.326 | 1.015 | 14.749 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 73.746 | 17.993 | 168.091 | 29134.434 | 33636.348 | 21.247 | 22872.719 |
| 34.324 | 1.015 | 14.749 | | | | | | |
| 1/6/2017 5:05:00 PM | 155100.000 | 73.758 | 17.992 | 168.117 | 29127.041 | 33628.012 | 21.242 | 22867.051 |
| 34.332 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 5:10:00 PM | 155400.000 | 73.760 | 17.992 | 168.122 | 29135.893 | 33638.621 | 21.249 | 22874.262 |
| 34.322 | 1.015 | 14.741 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 73.747 | 17.992 | 168.093 | 29119.293 | 33619.066 | 21.235 | 22860.965 |
| 34.341 | 1.015 | 14.738 | | | | | | |
| 1/6/2017 5:20:00 PM | 156000.000 | 73.763 | 17.992 | 168.128 | 29117.672 | 33617.516 | 21.234 | 22859.910 |
| 34.343 | 1.015 | 14.741 | | | | | | |
| 1/6/2017 5:25:00 PM | 156300.000 | 73.755 | 17.992 | 168.112 | 29121.029 | 33621.266 | 21.237 | 22862.461 |
| 34.339 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 73.757 | 17.992 | 168.114 | 29121.281 | 33621.754 | 21.237 | 22862.795 |
| 34.339 | 1.015 | 14.749 | | | | | | |
| 1/6/2017 5:35:00 PM | 156900.000 | 73.760 | 17.993 | 168.121 | 29112.809 | 33611.379 | 21.230 | 22855.740 |
| 34.349 | 1.015 | 14.747 | | | | | | |
| 1/6/2017 5:40:00 PM | 157200.000 | 73.762 | 17.993 | 168.127 | 29145.002 | 33648.621 | 21.256 | 22881.063 |
| 34.311 | 1.015 | 14.746 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 73.767 | 17.992 | 168.138 | 29124.338 | 33624.824 | 21.239 | 22864.881 |
| 34.336 | 1.015 | 14.744 | | | | | | |
| 1/6/2017 5:50:00 PM | 157800.000 | 73.747 | 17.992 | 168.092 | 29133.252 | 33635.445 | 21.247 | 22872.105 |
| 34.325 | 1.015 | 14.744 | | | | | | |
| 1/6/2017 5:55:00 PM | 158100.000 | 73.765 | 17.992 | 168.133 | 29130.512 | 33632.410 | 21.245 | 22870.041 |
| 34.328 | 1.015 | 14.743 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 73.761 | 17.992 | 168.123 | 29125.242 | 33625.934 | 21.240 | 22865.635 |
| 34.334 | 1.015 | 14.742 | | | | | | |
| 1/6/2017 6:05:00 PM | 158700.000 | 73.745 | 17.993 | 168.087 | 29136.125 | 33638.301 | 21.249 | 22874.047 |
| 34.322 | 1.015 | 14.744 | | | | | | |
| 1/6/2017 6:10:00 PM | 159000.000 | 73.743 | 17.992 | 168.084 | 29120.887 | 33620.973 | 21.237 | 22862.264 |
| 34.340 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 73.765 | 17.992 | 168.132 | 29128.203 | 33629.676 | 21.243 | 22868.182 |
| 34.331 | 1.015 | 14.747 | | | | | | |
| 1/6/2017 6:20:00 PM | 159600.000 | 73.765 | 17.992 | 168.132 | 29123.734 | 33624.641 | 21.239 | 22864.758 |
| 34.336 | 1.015 | 14.747 | | | | | | |
| 1/6/2017 6:25:00 PM | 159900.000 | 73.763 | 17.993 | 168.128 | 29113.184 | 33611.813 | 21.230 | 22856.035 |
| 34.349 | 1.015 | 14.748 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 73.763 | 17.992 | 168.128 | 29123.941 | 33624.559 | 21.239 | 22864.701 |
| 34.336 | 1.015 | 14.748 | | | | | | |
| 1/6/2017 6:35:00 PM | 160500.000 | 73.764 | 17.992 | 168.131 | 29126.404 | 33627.539 | 21.241 | 22866.729 |
| 34.333 | 1.015 | 14.749 | | | | | | |
| 1/6/2017 6:40:00 PM | 160800.000 | 73.762 | 17.993 | 168.127 | 29139.240 | 33641.898 | 21.251 | 22876.492 |
| 34.318 | 1.015 | 14.750 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 73.763 | 17.992 | 168.130 | 29126.994 | 33628.348 | 21.242 | 22867.279 |
| 34.332 | 1.015 | 14.751 | | | | | | |
| 1/6/2017 6:50:00 PM | 161400.000 | 73.767 | 17.992 | 168.139 | 29125.592 | 33626.535 | 21.241 | 22866.047 |
| 34.334 | 1.015 | 14.750 | | | | | | |
| 1/6/2017 6:55:00 PM | 161700.000 | 73.768 | 17.992 | 168.139 | 29140.680 | 33643.758 | 21.253 | 22877.756 |
| 34.316 | 1.015 | 14.749 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 73.764 | 17.992 | 168.131 | 29112.227 | 33611.168 | 21.230 | 22855.594 |
| 34.350 | 1.015 | 14.749 | | | | | | |
| 1/6/2017 7:05:00 PM | 162300.000 | 73.766 | 17.992 | 168.136 | 29129.047 | 33630.590 | 21.243 | 22868.801 |
| 34.330 | 1.015 | 14.751 | | | | | | |
| 1/6/2017 7:10:00 PM | 162600.000 | 73.761 | 17.992 | 168.125 | 29126.539 | 33627.953 | 21.242 | 22867.008 |
| 34.333 | 1.015 | 14.753 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 73.759 | 17.992 | 168.118 | 29132.266 | 33634.238 | 21.246 | 22871.285 |
| 34.326 | 1.015 | 14.755 | | | | | | |
| 1/6/2017 7:20:00 PM | 163200.000 | 73.759 | 17.993 | 168.119 | 29119.699 | 33619.273 | 21.236 | 22861.107 |
| 34.341 | 1.015 | 14.755 | | | | | | |
| 1/6/2017 7:25:00 PM | 163500.000 | 73.761 | 17.992 | 168.125 | 29114.363 | 33613.500 | 21.232 | 22857.182 |
| 34.347 | 1.015 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 73.761 | 17.993 | 168.125 | 29126.313 | 33627.047 | 21.241 | 22866.395 |
| 34.333 | 1.015 | 14.755 | | | | | | |
| 1/6/2017 7:35:00 PM | 164100.000 | 73.754 | 17.992 | 168.108 | 29131.467 | 33633.121 | 21.245 | 22870.525 |
| 34.327 | 1.015 | 14.754 | | | | | | |
| 1/6/2017 7:40:00 PM | 164400.000 | 73.761 | 17.992 | 168.123 | 29122.756 | 33623.387 | 21.238 | 22863.902 |
| 34.337 | 1.015 | 14.753 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 73.759 | 17.992 | 168.119 | 29126.221 | 33627.262 | 21.241 | 22866.541 |
| 34.333 | 1.015 | 14.753 | | | | | | |
| 1/6/2017 7:50:00 PM | 165000.000 | 73.760 | 17.992 | 168.123 | 29139.902 | 33642.984 | 21.252 | 22877.232 |
| 34.317 | 1.015 | 14.754 | | | | | | |
| 1/6/2017 7:55:00 PM | 165300.000 | 73.757 | 17.992 | 168.116 | 29122.436 | 33623.016 | 21.238 | 22863.650 |
| 34.338 | 1.015 | 14.755 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 73.751 | 17.992 | 168.102 | 29129.363 | 33630.953 | 21.244 | 22869.049 |
| 34.330 | 1.015 | 14.756 | | | | | | |
| 1/6/2017 8:05:00 PM | 165900.000 | 73.757 | 17.992 | 168.115 | 29145.020 | 33648.965 | 21.256 | 22881.299 |
| 34.311 | 1.015 | 14.754 | | | | | | |
| 1/6/2017 8:10:00 PM | 166200.000 | 73.761 | 17.992 | 168.125 | 29143.752 | 33647.500 | 21.255 | 22880.303 |
| 34.313 | 1.015 | 14.752 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 73.758 | 17.992 | 168.116 | 29122.734 | 33623.039 | 21.238 | 22863.666 |
| 34.337 | 1.015 | 14.749 | | | | | | |
| 1/6/2017 8:20:00 PM | 166800.000 | 73.754 | 17.992 | 168.109 | 29142.146 | 33645.574 | 21.254 | 22878.992 |
| 34.315 | 1.015 | 14.751 | | | | | | |
| 1/6/2017 8:25:00 PM | 167100.000 | 73.758 | 17.992 | 168.117 | 29129.598 | 33631.090 | 21.244 | 22869.143 |
| 34.329 | 1.015 | 14.752 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 73.738 | 17.992 | 168.071 | 29135.211 | 33637.375 | 21.248 | 22873.416 |
| 34.323 | 1.015 | 14.754 | | | | | | |
| 1/6/2017 8:35:00 PM | 167700.000 | 73.754 | 17.993 | 168.107 | 29131.105 | 33632.387 | 21.245 | 22870.023 |
| 34.328 | 1.015 | 14.752 | | | | | | |
| 1/6/2017 8:40:00 PM | 168000.000 | 73.754 | 17.992 | 168.109 | 29120.520 | 33620.551 | 21.236 | 22861.977 |
| 34.340 | 1.015 | 14.751 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 73.753 | 17.992 | 168.105 | 29122.029 | 33622.547 | 21.238 | 22863.332 |
| 34.338 | 1.015 | 14.749 | | | | | | |
| 1/6/2017 8:50:00 PM | 168600.000 | 73.750 | 17.993 | 168.098 | 29125.291 | 33625.730 | 21.240 | 22865.498 |
| 34.334 | 1.015 | 14.748 | | | | | | |
| 1/6/2017 8:55:00 PM | 168900.000 | 73.755 | 17.992 | 168.109 | 29128.898 | 33630.223 | 21.243 | 22868.551 |
| 34.330 | 1.015 | 14.746 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 73.755 | 17.992 | 168.110 | 29133.811 | 33635.762 | 21.247 | 22872.320 |
| 34.324 | 1.015 | 14.744 | | | | | | |
| 1/6/2017 9:05:00 PM | 169500.000 | 73.754 | 17.992 | 168.107 | 29136.984 | 33639.883 | 21.250 | 22875.121 |
| 34.321 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 9:10:00 PM | 169800.000 | 73.751 | 17.992 | 168.102 | 29126.951 | 33627.906 | 21.242 | 22866.979 |
| 34.332 | 1.015 | 14.747 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 73.746 | 17.992 | 168.091 | 29126.992 | 33628.078 | 21.242 | 22867.094 |
| 34.332 | 1.015 | 14.748 | | | | | | |
| 1/6/2017 9:20:00 PM | 170400.000 | 73.746 | 17.992 | 168.091 | 29132.195 | 33634.160 | 21.246 | 22871.229 |
| 34.326 | 1.015 | 14.746 | | | | | | |
| 1/6/2017 9:25:00 PM | 170700.000 | 73.727 | 17.992 | 168.047 | 29132.016 | 33633.953 | 21.246 | 22871.088 |
| 34.326 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 73.729 | 17.992 | 168.051 | 29129.248 | 33630.758 | 21.244 | 22868.918 |
| 34.330 | 1.015 | 14.743 | | | | | | |
| 1/6/2017 9:35:00 PM | 171300.000 | 73.754 | 17.992 | 168.107 | 29127.455 | 33628.488 | 21.242 | 22867.375 |
| 34.332 | 1.015 | 14.744 | | | | | | |
| 1/6/2017 9:40:00 PM | 171600.000 | 73.742 | 17.992 | 168.081 | 29131.557 | 33633.617 | 21.246 | 22870.861 |
| 34.327 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 73.742 | 17.992 | 168.081 | 29128.139 | 33629.477 | 21.243 | 22868.045 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.331 | 1.015 | 14.746 | | | | | | |
| 1/6/2017 9:50:00 PM | 172200.000 | 73.742 | 17.993 | 168.080 | 29140.088 | 33642.949 | 21.252 | 22877.207 |
| 34.317 | 1.015 | 14.746 | | | | | | |
| 1/6/2017 9:55:00 PM | 172500.000 | 73.739 | 17.992 | 168.073 | 29129.229 | 33630.660 | 21.244 | 22868.852 |
| 34.330 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 73.744 | 17.992 | 168.085 | 29136.396 | 33638.879 | 21.249 | 22874.439 |
| 34.321 | 1.015 | 14.744 | | | | | | |
| 1/6/2017 10:05:00 PM | 173100.000 | 73.737 | 17.993 | 168.070 | 29124.740 | 33625.094 | 21.240 | 22865.064 |
| 34.335 | 1.015 | 14.745 | | | | | | |
| 1/6/2017 10:10:00 PM | 173400.000 | 73.745 | 17.992 | 168.089 | 29118.723 | 33618.855 | 21.235 | 22860.822 |
| 34.342 | 1.015 | 14.746 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 73.741 | 17.992 | 168.079 | 29127.129 | 33628.309 | 21.242 | 22867.250 |
| 34.332 | 1.015 | 14.747 | | | | | | |
| 1/6/2017 10:20:00 PM | 174000.000 | 73.742 | 17.992 | 168.080 | 29131.256 | 33632.945 | 21.245 | 22870.402 |
| 34.327 | 1.015 | 14.750 | | | | | | |
| 1/6/2017 10:25:00 PM | 174300.000 | 73.742 | 17.992 | 168.080 | 29133.520 | 33635.688 | 21.247 | 22872.270 |
| 34.325 | 1.015 | 14.752 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 73.739 | 17.992 | 168.074 | 29114.764 | 33614.035 | 21.232 | 22857.545 |
| 34.347 | 1.015 | 14.755 | | | | | | |
| 1/6/2017 10:35:00 PM | 174900.000 | 73.734 | 17.992 | 168.063 | 29143.453 | 33646.891 | 21.255 | 22879.889 |
| 34.313 | 1.015 | 14.755 | | | | | | |
| 1/6/2017 10:40:00 PM | 175200.000 | 73.730 | 17.992 | 168.054 | 29130.508 | 33632.406 | 21.245 | 22870.039 |
| 34.328 | 1.015 | 14.756 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 73.730 | 17.992 | 168.054 | 29118.221 | 33618.090 | 21.235 | 22860.303 |
| 34.343 | 1.015 | 14.756 | | | | | | |
| 1/6/2017 10:50:00 PM | 175800.000 | 73.728 | 17.992 | 168.049 | 29134.479 | 33636.664 | 21.248 | 22872.932 |
| 34.324 | 1.015 | 14.758 | | | | | | |
| 1/6/2017 10:55:00 PM | 176100.000 | 73.709 | 17.992 | 168.005 | 29134.344 | 33636.703 | 21.248 | 22872.959 |
| 34.324 | 1.015 | 14.761 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 73.723 | 17.992 | 168.038 | 29131.971 | 33633.898 | 21.246 | 22871.053 |
| 34.327 | 1.015 | 14.763 | | | | | | |
| 1/6/2017 11:05:00 PM | 176700.000 | 73.726 | 17.992 | 168.043 | 29127.352 | 33628.438 | 21.242 | 22867.338 |
| 34.332 | 1.015 | 14.762 | | | | | | |
| 1/6/2017 11:10:00 PM | 177000.000 | 73.709 | 17.993 | 168.005 | 29138.023 | 33640.566 | 21.250 | 22875.588 |
| 34.319 | 1.015 | 14.761 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 73.708 | 17.991 | 168.003 | 29133.703 | 33636.348 | 21.247 | 22872.719 |
| 34.325 | 1.015 | 14.759 | | | | | | |
| 1/6/2017 11:20:00 PM | 177600.000 | 73.725 | 17.992 | 168.042 | 29123.262 | 33623.773 | 21.239 | 22864.166 |
| 34.337 | 1.015 | 14.758 | | | | | | |
| 1/6/2017 11:25:00 PM | 177900.000 | 73.731 | 17.992 | 168.057 | 29128.406 | 33629.520 | 21.243 | 22868.074 |
| 34.331 | 1.015 | 14.756 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 73.727 | 17.992 | 168.046 | 29137.990 | 33640.848 | 21.251 | 22875.777 |
| 34.319 | 1.015 | 14.755 | | | | | | |
| 1/6/2017 11:35:00 PM | 178500.000 | 73.728 | 17.992 | 168.050 | 29120.154 | 33620.258 | 21.236 | 22861.775 |
| 34.340 | 1.015 | 14.753 | | | | | | |
| 1/6/2017 11:40:00 PM | 178800.000 | 73.729 | 17.992 | 168.050 | 29129.549 | 33630.906 | 21.244 | 22869.018 |
| 34.329 | 1.015 | 14.751 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 73.714 | 17.992 | 168.018 | 29123.398 | 33623.871 | 21.239 | 22864.232 |
| 34.337 | 1.015 | 14.750 | | | | | | |
| 1/6/2017 11:50:00 PM | 179400.000 | 73.730 | 17.992 | 168.054 | 29135.662 | 33638.227 | 21.249 | 22873.994 |
| 34.322 | 1.015 | 14.751 | | | | | | |
| 1/6/2017 11:55:00 PM | 179700.000 | 73.722 | 17.992 | 168.035 | 29126.902 | 33627.918 | 21.242 | 22866.984 |
| 34.333 | 1.015 | 14.752 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 73.723 | 17.992 | 168.037 | 29139.313 | 33642.375 | 21.252 | 22876.816 |
| 34.318 | 1.015 | 14.753 | | | | | | |
| 1/7/2017 12:05:00 AM | 180300.000 | 73.709 | 17.992 | 168.006 | 29122.160 | 33622.375 | 21.238 | 22863.217 |
| 34.338 | 1.015 | 14.748 | | | | | | |
| 1/7/2017 12:10:00 AM | 180600.000 | 73.728 | 17.992 | 168.050 | 29135.664 | 33638.164 | 21.249 | 22873.953 |
| 34.322 | 1.015 | 14.744 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 73.737 | 17.992 | 168.069 | 29133.619 | 33635.730 | 21.247 | 22872.297 |
| 34.325 | 1.015 | 14.739 | | | | | | |
| 1/7/2017 12:20:00 AM | 181200.000 | 73.718 | 17.992 | 168.027 | 29134.563 | 33636.629 | 21.248 | 22872.910 |
| 34.323 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 12:25:00 AM | 181500.000 | 73.734 | 17.992 | 168.062 | 29133.479 | 33635.570 | 21.247 | 22872.189 |
| 34.325 | 1.015 | 14.737 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 73.733 | 17.992 | 168.060 | 29127.086 | 33628.512 | 21.242 | 22867.391 |
| 34.332 | 1.015 | 14.736 | | | | | | |
| 1/7/2017 12:35:00 AM | 182100.000 | 73.734 | 17.993 | 168.063 | 29135.525 | 33637.547 | 21.248 | 22873.533 |
| 34.322 | 1.015 | 14.735 | | | | | | |
| 1/7/2017 12:40:00 AM | 182400.000 | 73.735 | 17.992 | 168.064 | 29120.977 | 33621.594 | 21.237 | 22862.684 |
| 34.340 | 1.015 | 14.733 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 73.714 | 17.992 | 168.018 | 29137.533 | 33640.059 | 21.250 | 22875.242 |
| 34.320 | 1.015 | 14.732 | | | | | | |
| 1/7/2017 12:50:00 AM | 183000.000 | 73.731 | 17.993 | 168.056 | 29123.340 | 33623.613 | 21.239 | 22864.057 |
| 34.337 | 1.015 | 14.729 | | | | | | |
| 1/7/2017 12:55:00 AM | 183300.000 | 73.716 | 17.993 | 168.021 | 29140.502 | 33643.426 | 21.252 | 22877.531 |
| 34.316 | 1.015 | 14.727 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 73.738 | 17.992 | 168.071 | 29148.309 | 33652.691 | 21.259 | 22883.830 |
| 34.307 | 1.015 | 14.725 | | | | | | |
| 1/7/2017 1:05:00 AM | 183900.000 | 73.740 | 17.992 | 168.076 | 29132.561 | 33634.707 | 21.246 | 22871.604 |
| 34.326 | 1.015 | 14.722 | | | | | | |
| 1/7/2017 1:10:00 AM | 184200.000 | 73.743 | 17.992 | 168.082 | 29134.434 | 33636.809 | 21.248 | 22873.029 |
| 34.324 | 1.015 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 73.743 | 17.992 | 168.082 | 29134.268 | 33636.551 | 21.248 | 22872.855 |
| 34.324 | 1.015 | 14.718 | | | | | | |
| 1/7/2017 1:20:00 AM | 184800.000 | 73.747 | 17.992 | 168.092 | 29117.371 | 33617.043 | 21.234 | 22859.590 |
| 34.344 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 1:25:00 AM | 185100.000 | 73.744 | 17.992 | 168.086 | 29120.295 | 33620.613 | 21.237 | 22862.020 |
| 34.340 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 73.747 | 17.992 | 168.092 | 29126.498 | 33627.582 | 21.241 | 22866.756 |
| 34.333 | 1.015 | 14.716 | | | | | | |
| 1/7/2017 1:35:00 AM | 185700.000 | 73.728 | 17.992 | 168.049 | 29137.535 | 33640.449 | 21.250 | 22875.508 |
| 34.320 | 1.015 | 14.716 | | | | | | |
| 1/7/2017 1:40:00 AM | 186000.000 | 73.747 | 17.992 | 168.093 | 29134.014 | 33636.324 | 21.247 | 22872.701 |
| 34.324 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 73.748 | 17.992 | 168.095 | 29133.365 | 33635.379 | 21.247 | 22872.059 |
| 34.325 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 1:50:00 AM | 186600.000 | 73.748 | 17.992 | 168.094 | 29138.908 | 33641.836 | 21.251 | 22876.449 |
| 34.318 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 1:55:00 AM | 186900.000 | 73.735 | 17.992 | 168.066 | 29131.508 | 33633.102 | 21.245 | 22870.510 |
| 34.327 | 1.015 | 14.716 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 73.739 | 17.992 | 168.074 | 29137.492 | 33640.340 | 21.250 | 22875.434 |
| 34.320 | 1.015 | 14.715 | | | | | | |
| 1/7/2017 2:05:00 AM | 187500.000 | 73.760 | 17.992 | 168.122 | 29134.621 | 33637.285 | 21.248 | 22873.354 |
| 34.323 | 1.015 | 14.715 | | | | | | |
| 1/7/2017 2:10:00 AM | 187800.000 | 73.760 | 17.992 | 168.122 | 29122.330 | 33622.574 | 21.238 | 22863.352 |
| 34.338 | 1.015 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 73.761 | 17.992 | 168.124 | 29137.445 | 33640.148 | 21.250 | 22875.301 |
| 34.320 | 1.015 | 14.715 | | | | | | |
| 1/7/2017 2:20:00 AM | 188400.000 | 73.763 | 17.993 | 168.129 | 29126.676 | 33627.273 | 21.241 | 22866.549 |
| 34.333 | 1.015 | 14.715 | | | | | | |
| 1/7/2017 2:25:00 AM | 188700.000 | 73.767 | 17.993 | 168.137 | 29136.941 | 33639.316 | 21.250 | 22874.736 |
| 34.321 | 1.015 | 14.714 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 73.771 | 17.992 | 168.147 | 29125.492 | 33626.348 | 21.241 | 22865.918 |
| 34.334 | 1.015 | 14.714 | | | | | | |
| 1/7/2017 2:35:00 AM | 189300.000 | 73.772 | 17.992 | 168.150 | 29132.016 | 33633.820 | 21.246 | 22870.998 |
| 34.326 | 1.015 | 14.714 | | | | | | |
| 1/7/2017 2:40:00 AM | 189600.000 | 73.773 | 17.992 | 168.151 | 29127.223 | 33628.289 | 21.242 | 22867.236 |
| 34.332 | 1.015 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 73.756 | 17.992 | 168.114 | 29132.150 | 33633.910 | 21.246 | 22871.059 |
| 34.326 | 1.015 | 14.713 | | | | | | |
| 1/7/2017 2:50:00 AM | 190200.000 | 73.779 | 17.992 | 168.166 | 29135.346 | 33637.723 | 21.248 | 22873.654 |
| 34.323 | 1.015 | 14.712 | | | | | | |
| 1/7/2017 2:55:00 AM | 190500.000 | 73.782 | 17.993 | 168.173 | 29128.686 | 33629.520 | 21.243 | 22868.074 |
| 34.330 | 1.015 | 14.710 | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 73.780 | 17.992 | 168.168 | 29147.432 | 33651.875 | 21.258 | 22883.275 |
| 34.308 | 1.015 | 14.709 | | | | | | |
| 1/7/2017 3:05:00 AM | 191100.000 | 73.787 | 17.992 | 168.183 | 29125.357 | 33626.266 | 21.240 | 22865.861 |
| 34.334 | 1.015 | 14.708 | | | | | | |
| 1/7/2017 3:10:00 AM | 191400.000 | 73.789 | 17.992 | 168.187 | 29118.014 | 33617.590 | 21.234 | 22859.963 |
| 34.343 | 1.015 | 14.708 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 73.789 | 17.992 | 168.189 | 29135.980 | 33638.777 | 21.249 | 22874.371 |
| 34.322 | 1.015 | 14.708 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 3:20:00 AM | 192000.000 | 73.793 | 17.993 | 168.196 | 29120.748 | 33620.621 | 21.237 | 22862.023 |
| 34.340 | 1.015 | 14.705 | | | | | | |
| 1/7/2017 3:25:00 AM | 192300.000 | 73.798 | 17.992 | 168.208 | 29114.232 | 33613.484 | 21.232 | 22857.170 |
| 34.347 | 1.015 | 14.703 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 73.786 | 17.992 | 168.182 | 29141.641 | 33644.801 | 21.253 | 22878.465 |
| 34.315 | 1.015 | 14.700 | | | | | | |
| 1/7/2017 3:35:00 AM | 192900.000 | 73.808 | 17.992 | 168.232 | 29143.469 | 33647.238 | 21.255 | 22880.125 |
| 34.313 | 1.015 | 14.700 | | | | | | |
| 1/7/2017 3:40:00 AM | 193200.000 | 73.789 | 17.992 | 168.188 | 29138.996 | 33641.813 | 21.251 | 22876.434 |
| 34.318 | 1.015 | 14.699 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 73.812 | 17.992 | 168.240 | 29125.996 | 33626.738 | 21.241 | 22866.182 |
| 34.334 | 1.015 | 14.699 | | | | | | |
| 1/7/2017 3:50:00 AM | 193800.000 | 73.808 | 17.992 | 168.231 | 29122.070 | 33622.594 | 21.238 | 22863.365 |
| 34.338 | 1.015 | 14.698 | | | | | | |
| 1/7/2017 3:55:00 AM | 194100.000 | 73.813 | 17.992 | 168.244 | 29140.408 | 33643.512 | 21.252 | 22877.588 |
| 34.317 | 1.015 | 14.698 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 73.819 | 17.992 | 168.256 | 29119.063 | 33618.867 | 21.235 | 22860.830 |
| 34.342 | 1.015 | 14.697 | | | | | | |
| 1/7/2017 4:05:00 AM | 194700.000 | 73.819 | 17.992 | 168.256 | 29139.221 | 33642.199 | 21.252 | 22876.695 |
| 34.318 | 1.015 | 14.697 | | | | | | |
| 1/7/2017 4:10:00 AM | 195000.000 | 73.822 | 17.992 | 168.264 | 29133.563 | 33635.738 | 21.247 | 22872.303 |
| 34.325 | 1.015 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 73.823 | 17.993 | 168.265 | 29129.918 | 33631.070 | 21.244 | 22869.129 |
| 34.329 | 1.015 | 14.697 | | | | | | |
| 1/7/2017 4:20:00 AM | 195600.000 | 73.825 | 17.992 | 168.271 | 29134.344 | 33636.508 | 21.248 | 22872.828 |
| 34.324 | 1.015 | 14.696 | | | | | | |
| 1/7/2017 4:25:00 AM | 195900.000 | 73.828 | 17.992 | 168.276 | 29141.822 | 33645.203 | 21.254 | 22878.740 |
| 34.315 | 1.015 | 14.695 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 73.831 | 17.992 | 168.284 | 29126.844 | 33627.715 | 21.241 | 22866.846 |
| 34.333 | 1.015 | 14.694 | | | | | | |
| 1/7/2017 4:35:00 AM | 196500.000 | 73.833 | 17.992 | 168.289 | 29128.600 | 33630.203 | 21.243 | 22868.539 |
| 34.331 | 1.015 | 14.693 | | | | | | |
| 1/7/2017 4:40:00 AM | 196800.000 | 73.821 | 17.992 | 168.261 | 29128.404 | 33629.520 | 21.243 | 22868.074 |
| 34.331 | 1.015 | 14.693 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 73.842 | 17.993 | 168.310 | 29130.754 | 33631.980 | 21.244 | 22869.748 |
| 34.328 | 1.015 | 14.692 | | | | | | |
| 1/7/2017 4:50:00 AM | 197400.000 | 73.843 | 17.993 | 168.312 | 29132.977 | 33634.738 | 21.246 | 22871.623 |
| 34.325 | 1.015 | 14.692 | | | | | | |
| 1/7/2017 4:55:00 AM | 197700.000 | 73.834 | 17.992 | 168.289 | 29146.203 | 33650.332 | 21.257 | 22882.227 |
| 34.310 | 1.015 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 73.830 | 17.992 | 168.281 | 29131.785 | 33633.422 | 21.245 | 22870.727 |
| 34.327 | 1.015 | 14.692 | | | | | | |
| 1/7/2017 5:05:00 AM | 198300.000 | 73.854 | 17.992 | 168.335 | 29133.609 | 33635.855 | 21.247 | 22872.383 |
| 34.325 | 1.015 | 14.691 | | | | | | |
| 1/7/2017 5:10:00 AM | 198600.000 | 73.856 | 17.992 | 168.341 | 29140.045 | 33643.285 | 21.252 | 22877.434 |
| 34.317 | 1.015 | 14.690 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 73.863 | 17.992 | 168.357 | 29124.441 | 33624.941 | 21.240 | 22864.961 |
| 34.335 | 1.015 | 14.689 | | | | | | |
| 1/7/2017 5:20:00 AM | 199200.000 | 73.863 | 17.992 | 168.357 | 29148.404 | 33652.801 | 21.259 | 22883.906 |
| 34.307 | 1.015 | 14.692 | | | | | | |
| 1/7/2017 5:25:00 AM | 199500.000 | 73.842 | 17.992 | 168.309 | 29134.387 | 33636.426 | 21.248 | 22872.770 |
| 34.324 | 1.015 | 14.695 | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 73.863 | 17.992 | 168.357 | 29126.545 | 33627.563 | 21.241 | 22866.742 |
| 34.333 | 1.015 | 14.697 | | | | | | |
| 1/7/2017 5:35:00 AM | 200100.000 | 73.867 | 17.992 | 168.366 | 29135.801 | 33638.191 | 21.249 | 22873.973 |
| 34.322 | 1.015 | 14.698 | | | | | | |
| 1/7/2017 5:40:00 AM | 200400.000 | 73.872 | 17.992 | 168.377 | 29131.059 | 33632.582 | 21.245 | 22870.158 |
| 34.328 | 1.015 | 14.698 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 73.874 | 17.992 | 168.381 | 29130.004 | 33631.363 | 21.244 | 22869.330 |
| 34.329 | 1.015 | 14.698 | | | | | | |
| 1/7/2017 5:50:00 AM | 201000.000 | 73.857 | 17.992 | 168.343 | 29131.461 | 33633.238 | 21.245 | 22870.604 |
| 34.327 | 1.015 | 14.699 | | | | | | |
| 1/7/2017 5:55:00 AM | 201300.000 | 73.876 | 17.992 | 168.387 | 29139.268 | 33642.254 | 21.252 | 22876.734 |
| 34.318 | 1.015 | 14.699 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 73.882 | 17.992 | 168.401 | 29132.563 | 33634.512 | 21.246 | 22871.469 |
| 34.326 | 1.015 | 14.700 | | | | | | |
| 1/7/2017 6:05:00 AM | 201900.000 | 73.880 | 17.992 | 168.396 | 29136.621 | 33639.070 | 21.249 | 22874.568 |
| 34.321 | 1.015 | 14.699 | | | | | | |
| 1/7/2017 6:10:00 AM | 202200.000 | 73.881 | 17.993 | 168.397 | 29136.529 | 33638.840 | 21.249 | 22874.412 |
| 34.321 | 1.015 | 14.699 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 73.884 | 17.992 | 168.405 | 29116.721 | 33616.293 | 21.234 | 22859.082 |
| 34.345 | 1.015 | 14.698 | | | | | | |
| 1/7/2017 6:20:00 AM | 202800.000 | 73.884 | 17.992 | 168.405 | 29132.605 | 33634.758 | 21.246 | 22871.635 |
| 34.326 | 1.015 | 14.697 | | | | | | |
| 1/7/2017 6:25:00 AM | 203100.000 | 73.886 | 17.993 | 168.409 | 29124.762 | 33625.180 | 21.240 | 22865.123 |
| 34.335 | 1.015 | 14.696 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 73.889 | 17.992 | 168.417 | 29121.480 | 33621.852 | 21.237 | 22862.859 |
| 34.339 | 1.015 | 14.695 | | | | | | |
| 1/7/2017 6:35:00 AM | 203700.000 | 73.894 | 17.992 | 168.427 | 29138.027 | 33640.891 | 21.251 | 22875.807 |
| 34.319 | 1.015 | 14.695 | | | | | | |
| 1/7/2017 6:40:00 AM | 204000.000 | 73.896 | 17.992 | 168.431 | 29140.035 | 33643.012 | 21.252 | 22877.248 |
| 34.317 | 1.015 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 73.900 | 17.993 | 168.440 | 29125.764 | 33626.273 | 21.240 | 22865.865 |
| 34.334 | 1.015 | 14.695 | | | | | | |
| 1/7/2017 6:50:00 AM | 204600.000 | 73.879 | 17.992 | 168.393 | 29126.766 | 33628.141 | 21.242 | 22867.139 |
| 34.333 | 1.015 | 14.696 | | | | | | |
| 1/7/2017 6:55:00 AM | 204900.000 | 73.893 | 17.992 | 168.424 | 29131.256 | 33633.141 | 21.245 | 22870.537 |
| 34.327 | 1.015 | 14.696 | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 73.894 | 17.992 | 168.428 | 29133.457 | 33635.418 | 21.247 | 22872.086 |
| 34.325 | 1.015 | 14.697 | | | | | | |
| 1/7/2017 7:05:00 AM | 205500.000 | 73.896 | 17.992 | 168.433 | 29122.707 | 33622.941 | 21.238 | 22863.600 |
| 34.337 | 1.015 | 14.698 | | | | | | |
| 1/7/2017 7:10:00 AM | 205800.000 | 73.899 | 17.993 | 168.438 | 29132.930 | 33634.547 | 21.246 | 22871.492 |
| 34.325 | 1.015 | 14.699 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 73.898 | 17.992 | 168.436 | 29130.605 | 33632.125 | 21.245 | 22869.846 |
| 34.328 | 1.015 | 14.699 | | | | | | |
| 1/7/2017 7:20:00 AM | 206400.000 | 73.894 | 17.992 | 168.428 | 29128.367 | 33629.543 | 21.243 | 22868.092 |
| 34.331 | 1.015 | 14.700 | | | | | | |
| 1/7/2017 7:25:00 AM | 206700.000 | 73.874 | 17.992 | 168.383 | 29141.369 | 33644.816 | 21.253 | 22878.475 |
| 34.315 | 1.015 | 14.701 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 73.900 | 17.992 | 168.441 | 29139.996 | 33643.035 | 21.252 | 22877.264 |
| 34.317 | 1.015 | 14.702 | | | | | | |
| 1/7/2017 7:35:00 AM | 207300.000 | 73.903 | 17.992 | 168.447 | 29133.887 | 33635.914 | 21.247 | 22872.424 |
| 34.324 | 1.015 | 14.702 | | | | | | |
| 1/7/2017 7:40:00 AM | 207600.000 | 73.900 | 17.992 | 168.440 | 29134.521 | 33636.648 | 21.248 | 22872.924 |
| 34.324 | 1.015 | 14.701 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 73.877 | 17.993 | 168.388 | 29144.900 | 33648.504 | 21.256 | 22880.982 |
| 34.311 | 1.015 | 14.701 | | | | | | |
| 1/7/2017 7:50:00 AM | 208200.000 | 73.895 | 17.992 | 168.431 | 29107.451 | 33605.461 | 21.226 | 22851.713 |
| 34.355 | 1.015 | 14.701 | | | | | | |
| 1/7/2017 7:55:00 AM | 208500.000 | 73.900 | 17.992 | 168.440 | 29129.104 | 33630.391 | 21.243 | 22868.668 |
| 34.330 | 1.015 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 73.900 | 17.992 | 168.441 | 29128.361 | 33629.535 | 21.243 | 22868.086 |
| 34.331 | 1.015 | 14.700 | | | | | | |
| 1/7/2017 8:05:00 AM | 209100.000 | 73.897 | 17.992 | 168.434 | 29125.717 | 33626.414 | 21.241 | 22865.961 |
| 34.334 | 1.015 | 14.705 | | | | | | |
| 1/7/2017 8:10:00 AM | 209400.000 | 73.875 | 17.992 | 168.384 | 29121.113 | 33621.168 | 21.237 | 22862.396 |
| 34.339 | 1.015 | 14.709 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 73.888 | 17.992 | 168.414 | 29142.598 | 33646.418 | 21.254 | 22879.566 |
| 34.314 | 1.015 | 14.714 | | | | | | |
| 1/7/2017 8:20:00 AM | 210000.000 | 73.889 | 17.992 | 168.416 | 29128.820 | 33630.133 | 21.243 | 22868.492 |
| 34.330 | 1.015 | 14.713 | | | | | | |
| 1/7/2017 8:25:00 AM | 210300.000 | 73.888 | 17.992 | 168.413 | 29128.316 | 33629.609 | 21.243 | 22868.135 |
| 34.331 | 1.015 | 14.713 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 73.885 | 17.992 | 168.407 | 29128.457 | 33629.645 | 21.243 | 22868.158 |
| 34.331 | 1.015 | 14.712 | | | | | | |
| 1/7/2017 8:35:00 AM | 210900.000 | 73.887 | 17.993 | 168.411 | 29104.844 | 33602.258 | 21.224 | 22849.537 |
| 34.359 | 1.015 | 14.713 | | | | | | |
| 1/7/2017 8:40:00 AM | 211200.000 | 73.881 | 17.992 | 168.398 | 29124.688 | 33625.742 | 21.240 | 22865.508 |
| 34.335 | 1.015 | 14.714 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 73.885 | 17.993 | 168.406 | 29142.543 | 33645.711 | 21.254 | 22879.086 |
| 34.314 | 1.015 | 14.716 | | | | | | |
| 1/7/2017 8:50:00 AM | 211800.000 | 73.861 | 17.992 | 168.352 | 29136.170 | 33638.551 | 21.249 | 22874.217 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.322 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 8:55:00 AM | 212100.000 | 73.860 | 17.993 | 168.349 | 29140.633 | 33643.441 | 21.252 | 22877.543 |
| 34.316 | 1.015 | 14.718 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 73.881 | 17.992 | 168.397 | 29127.646 | 33628.711 | 21.242 | 22867.525 |
| 34.332 | 1.015 | 14.719 | | | | | | |
| 1/7/2017 9:05:00 AM | 212700.000 | 73.879 | 17.992 | 168.393 | 29134.297 | 33636.781 | 21.248 | 22873.012 |
| 34.324 | 1.015 | 14.719 | | | | | | |
| 1/7/2017 9:10:00 AM | 213000.000 | 73.884 | 17.992 | 168.405 | 29119.975 | 33619.922 | 21.236 | 22861.547 |
| 34.341 | 1.015 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 73.880 | 17.992 | 168.394 | 29132.695 | 33634.473 | 21.246 | 22871.443 |
| 34.326 | 1.015 | 14.718 | | | | | | |
| 1/7/2017 9:20:00 AM | 213600.000 | 73.876 | 17.993 | 168.386 | 29121.887 | 33621.938 | 21.237 | 22862.918 |
| 34.338 | 1.015 | 14.721 | | | | | | |
| 1/7/2017 9:25:00 AM | 213900.000 | 73.870 | 17.992 | 168.374 | 29127.635 | 33628.766 | 21.242 | 22867.561 |
| 34.332 | 1.015 | 14.725 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 73.864 | 17.992 | 168.359 | 29128.230 | 33629.453 | 21.243 | 22868.031 |
| 34.331 | 1.015 | 14.728 | | | | | | |
| 1/7/2017 9:35:00 AM | 214500.000 | 73.870 | 17.992 | 168.374 | 29132.379 | 33634.105 | 21.246 | 22871.193 |
| 34.326 | 1.015 | 14.727 | | | | | | |
| 1/7/2017 9:40:00 AM | 214800.000 | 73.865 | 17.993 | 168.362 | 29136.020 | 33638.117 | 21.249 | 22873.920 |
| 34.322 | 1.015 | 14.726 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 73.866 | 17.992 | 168.363 | 29124.170 | 33624.820 | 21.239 | 22864.879 |
| 34.336 | 1.015 | 14.726 | | | | | | |
| 1/7/2017 9:50:00 AM | 215400.000 | 73.843 | 17.992 | 168.311 | 29137.672 | 33640.219 | 21.250 | 22875.352 |
| 34.320 | 1.015 | 14.728 | | | | | | |
| 1/7/2017 9:55:00 AM | 215700.000 | 73.856 | 17.992 | 168.341 | 29137.443 | 33640.020 | 21.250 | 22875.213 |
| 34.320 | 1.015 | 14.730 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 73.853 | 17.992 | 168.334 | 29125.844 | 33626.824 | 21.241 | 22866.242 |
| 34.334 | 1.015 | 14.732 | | | | | | |
| 1/7/2017 10:05:00 AM | 216300.000 | 73.852 | 17.993 | 168.331 | 29126.723 | 33627.195 | 21.241 | 22866.494 |
| 34.333 | 1.015 | 14.735 | | | | | | |
| 1/7/2017 10:10:00 AM | 216600.000 | 73.850 | 17.992 | 168.328 | 29122.533 | 33622.738 | 21.238 | 22863.465 |
| 34.338 | 1.015 | 14.739 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 73.842 | 17.992 | 168.309 | 29150.428 | 33655.273 | 21.261 | 22885.588 |
| 34.305 | 1.015 | 14.742 | | | | | | |
| 1/7/2017 10:20:00 AM | 217200.000 | 73.844 | 17.992 | 168.313 | 29121.229 | 33621.234 | 21.237 | 22862.439 |
| 34.339 | 1.015 | 14.741 | | | | | | |
| 1/7/2017 10:25:00 AM | 217500.000 | 73.842 | 17.992 | 168.310 | 29122.131 | 33622.410 | 21.238 | 22863.240 |
| 34.338 | 1.015 | 14.740 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 73.836 | 17.993 | 168.296 | 29122.117 | 33622.129 | 21.238 | 22863.051 |
| 34.338 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 10:35:00 AM | 218100.000 | 73.837 | 17.992 | 168.297 | 29142.373 | 33645.645 | 21.254 | 22879.039 |
| 34.314 | 1.015 | 14.736 | | | | | | |
| 1/7/2017 10:40:00 AM | 218400.000 | 73.836 | 17.992 | 168.294 | 29129.459 | 33630.734 | 21.244 | 22868.902 |
| 34.330 | 1.015 | 14.734 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 73.839 | 17.993 | 168.303 | 29134.105 | 33636.043 | 21.247 | 22872.512 |
| 34.324 | 1.015 | 14.732 | | | | | | |
| 1/7/2017 10:50:00 AM | 219000.000 | 73.837 | 17.992 | 168.298 | 29112.408 | 33611.313 | 21.230 | 22855.693 |
| 34.350 | 1.015 | 14.734 | | | | | | |
| 1/7/2017 10:55:00 AM | 219300.000 | 73.815 | 17.992 | 168.247 | 29130.654 | 33632.184 | 21.245 | 22869.887 |
| 34.328 | 1.015 | 14.735 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 73.825 | 17.992 | 168.271 | 29134.707 | 33636.793 | 21.248 | 22873.020 |
| 34.323 | 1.015 | 14.737 | | | | | | |
| 1/7/2017 11:05:00 AM | 219900.000 | 73.826 | 17.992 | 168.272 | 29145.246 | 33649.227 | 21.256 | 22881.475 |
| 34.311 | 1.015 | 14.735 | | | | | | |
| 1/7/2017 11:10:00 AM | 220200.000 | 73.827 | 17.992 | 168.274 | 29131.518 | 33633.246 | 21.245 | 22870.609 |
| 34.327 | 1.015 | 14.732 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 73.807 | 17.992 | 168.229 | 29132.563 | 33634.453 | 21.246 | 22871.430 |
| 34.326 | 1.015 | 14.730 | | | | | | |
| 1/7/2017 11:20:00 AM | 220800.000 | 73.825 | 17.992 | 168.270 | 29141.314 | 33644.422 | 21.253 | 22878.209 |
| 34.316 | 1.015 | 14.730 | | | | | | |
| 1/7/2017 11:25:00 AM | 221100.000 | 73.815 | 17.993 | 168.248 | 29130.875 | 33632.238 | 21.245 | 22869.922 |
| 34.328 | 1.015 | 14.731 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 73.813 | 17.992 | 168.242 | 29132.662 | 33634.824 | 21.246 | 22871.684 |
| 34.326 | 1.015 | 14.732 | | | | | | |
| 1/7/2017 11:35:00 AM | 221700.000 | 73.807 | 17.992 | 168.230 | 29132.563 | 33634.320 | 21.246 | 22871.340 |
| 34.326 | 1.015 | 14.730 | | | | | | |
| 1/7/2017 11:40:00 AM | 222000.000 | 73.789 | 17.992 | 168.189 | 29132.469 | 33634.402 | 21.246 | 22871.395 |
| 34.326 | 1.015 | 14.729 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 73.808 | 17.992 | 168.232 | 29127.953 | 33629.063 | 21.242 | 22867.766 |
| 34.331 | 1.015 | 14.727 | | | | | | |
| 1/7/2017 11:50:00 AM | 222600.000 | 73.802 | 17.992 | 168.217 | 29113.773 | 33612.695 | 21.231 | 22856.635 |
| 34.348 | 1.015 | 14.725 | | | | | | |
| 1/7/2017 11:55:00 AM | 222900.000 | 73.806 | 17.992 | 168.227 | 29138.037 | 33640.832 | 21.251 | 22875.768 |
| 34.319 | 1.015 | 14.723 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 73.800 | 17.992 | 168.213 | 29142.461 | 33646.012 | 21.254 | 22879.289 |
| 34.314 | 1.015 | 14.721 | | | | | | |
| 1/7/2017 12:05:00 PM | 223500.000 | 73.797 | 17.992 | 168.205 | 29138.951 | 33641.695 | 21.251 | 22876.354 |
| 34.318 | 1.015 | 14.721 | | | | | | |
| 1/7/2017 12:10:00 PM | 223800.000 | 73.800 | 17.992 | 168.212 | 29129.781 | 33631.301 | 21.244 | 22869.285 |
| 34.329 | 1.015 | 14.720 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 73.778 | 17.992 | 168.162 | 29130.053 | 33631.613 | 21.244 | 22869.500 |
| 34.329 | 1.015 | 14.720 | | | | | | |
| 1/7/2017 12:20:00 PM | 224400.000 | 73.791 | 17.993 | 168.192 | 29129.902 | 33630.996 | 21.244 | 22869.080 |
| 34.329 | 1.015 | 14.721 | | | | | | |
| 1/7/2017 12:25:00 PM | 224700.000 | 73.789 | 17.992 | 168.188 | 29125.793 | 33626.637 | 21.241 | 22866.113 |
| 34.334 | 1.015 | 14.722 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 73.766 | 17.992 | 168.135 | 29134.428 | 33636.734 | 21.248 | 22872.982 |
| 34.324 | 1.015 | 14.723 | | | | | | |
| 1/7/2017 12:35:00 PM | 225300.000 | 73.786 | 17.993 | 168.180 | 29131.783 | 33633.094 | 21.245 | 22870.504 |
| 34.327 | 1.015 | 14.720 | | | | | | |
| 1/7/2017 12:40:00 PM | 225600.000 | 73.783 | 17.992 | 168.175 | 29132.461 | 33634.395 | 21.246 | 22871.389 |
| 34.326 | 1.015 | 14.718 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 73.782 | 17.992 | 168.171 | 29142.008 | 33645.289 | 21.254 | 22878.797 |
| 34.315 | 1.015 | 14.716 | | | | | | |
| 1/7/2017 12:50:00 PM | 226200.000 | 73.780 | 17.992 | 168.166 | 29125.809 | 33626.980 | 21.241 | 22866.348 |
| 34.334 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 12:55:00 PM | 226500.000 | 73.778 | 17.992 | 168.163 | 29130.781 | 33632.453 | 21.245 | 22870.070 |
| 34.328 | 1.015 | 14.718 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 73.773 | 17.993 | 168.152 | 29142.736 | 33646.008 | 21.254 | 22879.285 |
| 34.314 | 1.015 | 14.720 | | | | | | |
| 1/7/2017 1:05:00 PM | 227100.000 | 73.750 | 17.992 | 168.099 | 29135.527 | 33637.809 | 21.249 | 22873.713 |
| 34.322 | 1.015 | 14.719 | | | | | | |
| 1/7/2017 1:10:00 PM | 227400.000 | 73.756 | 17.992 | 168.114 | 29141.053 | 33644.121 | 21.253 | 22878.002 |
| 34.316 | 1.015 | 14.718 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 73.774 | 17.992 | 168.153 | 29118.221 | 33617.953 | 21.235 | 22860.211 |
| 34.343 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 1:20:00 PM | 228000.000 | 73.773 | 17.992 | 168.151 | 29137.580 | 33640.305 | 21.250 | 22875.410 |
| 34.320 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 1:25:00 PM | 228300.000 | 73.765 | 17.992 | 168.132 | 29126.539 | 33627.434 | 21.241 | 22866.656 |
| 34.333 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 73.764 | 17.992 | 168.131 | 29137.184 | 33639.984 | 21.250 | 22875.191 |
| 34.320 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 1:35:00 PM | 228900.000 | 73.765 | 17.992 | 168.134 | 29115.461 | 33614.902 | 21.233 | 22858.135 |
| 34.346 | 1.015 | 14.716 | | | | | | |
| 1/7/2017 1:40:00 PM | 229200.000 | 73.771 | 17.991 | 168.146 | 29132.969 | 33635.500 | 21.247 | 22872.141 |
| 34.325 | 1.015 | 14.715 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 73.767 | 17.993 | 168.137 | 29121.328 | 33621.098 | 21.237 | 22862.346 |
| 34.339 | 1.015 | 14.714 | | | | | | |
| 1/7/2017 1:50:00 PM | 229800.000 | 73.761 | 17.992 | 168.125 | 29138.213 | 33641.105 | 21.251 | 22875.951 |
| 34.319 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 1:55:00 PM | 230100.000 | 73.759 | 17.992 | 168.119 | 29130.371 | 33632.051 | 21.244 | 22869.797 |
| 34.328 | 1.015 | 14.720 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 73.756 | 17.992 | 168.113 | 29138.432 | 33641.230 | 21.251 | 22876.037 |
| 34.319 | 1.015 | 14.723 | | | | | | |
| 1/7/2017 2:05:00 PM | 230700.000 | 73.759 | 17.992 | 168.119 | 29139.947 | 33642.844 | 21.252 | 22877.137 |
| 34.317 | 1.015 | 14.722 | | | | | | |
| 1/7/2017 2:10:00 PM | 231000.000 | 73.752 | 17.993 | 168.103 | 29134.338 | 33636.238 | 21.247 | 22872.645 |
| 34.324 | 1.015 | 14.722 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 73.757 | 17.992 | 168.116 | 29138.223 | 33641.117 | 21.251 | 22875.959 |
| 34.319 | 1.015 | 14.721 | | | | | | |
| 1/7/2017 2:20:00 PM | 231600.000 | 73.759 | 17.992 | 168.120 | 29133.012 | 33635.426 | 21.247 | 22872.092 |
| 34.325 | 1.015 | 14.719 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 2:25:00 PM | 231900.000 | 73.758 | 17.993 | 168.118 | 29124.031 | 33624.410 | 21.239 | 22864.602 |
| 34.336 | 1.015 | 14.717 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 73.763 | 17.993 | 168.128 | 29128.594 | 33629.680 | 21.243 | 22868.184 |
| 34.331 | 1.015 | 14.715 | | | | | | |
| 1/7/2017 2:35:00 PM | 232500.000 | 73.739 | 17.992 | 168.075 | 29141.457 | 33645.102 | 21.254 | 22878.672 |
| 34.315 | 1.015 | 14.718 | | | | | | |
| 1/7/2017 2:40:00 PM | 232800.000 | 73.743 | 17.992 | 168.083 | 29135.021 | 33637.422 | 21.248 | 22873.447 |
| 34.323 | 1.015 | 14.721 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 73.753 | 17.992 | 168.106 | 29136.623 | 33639.270 | 21.250 | 22874.705 |
| 34.321 | 1.015 | 14.724 | | | | | | |
| 1/7/2017 2:50:00 PM | 233400.000 | 73.757 | 17.992 | 168.114 | 29142.734 | 33646.391 | 21.254 | 22879.545 |
| 34.314 | 1.015 | 14.722 | | | | | | |
| 1/7/2017 2:55:00 PM | 233700.000 | 73.742 | 17.992 | 168.081 | 29113.914 | 33613.051 | 21.231 | 22856.877 |
| 34.348 | 1.015 | 14.720 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 73.762 | 17.992 | 168.126 | 29133.107 | 33635.336 | 21.247 | 22872.029 |
| 34.325 | 1.015 | 14.718 | | | | | | |
| 1/7/2017 3:05:00 PM | 234300.000 | 73.762 | 17.992 | 168.127 | 29126.447 | 33627.523 | 21.241 | 22866.719 |
| 34.333 | 1.015 | 14.722 | | | | | | |
| 1/7/2017 3:10:00 PM | 234600.000 | 73.754 | 17.992 | 168.107 | 29128.230 | 33629.582 | 21.243 | 22868.117 |
| 34.331 | 1.015 | 14.727 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 73.753 | 17.992 | 168.105 | 29128.945 | 33630.531 | 21.243 | 22868.764 |
| 34.330 | 1.015 | 14.732 | | | | | | |
| 1/7/2017 3:20:00 PM | 235200.000 | 73.756 | 17.992 | 168.113 | 29126.084 | 33626.906 | 21.241 | 22866.299 |
| 34.333 | 1.015 | 14.731 | | | | | | |
| 1/7/2017 3:25:00 PM | 235500.000 | 73.755 | 17.992 | 168.112 | 29122.938 | 33623.340 | 21.238 | 22863.873 |
| 34.337 | 1.015 | 14.729 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 73.755 | 17.993 | 168.109 | 29117.219 | 33616.410 | 21.234 | 22859.160 |
| 34.344 | 1.015 | 14.728 | | | | | | |
| 1/7/2017 3:35:00 PM | 236100.000 | 73.755 | 17.992 | 168.110 | 29130.732 | 33632.340 | 21.245 | 22869.994 |
| 34.328 | 1.015 | 14.729 | | | | | | |
| 1/7/2017 3:40:00 PM | 236400.000 | 73.735 | 17.993 | 168.066 | 29146.434 | 33650.008 | 21.257 | 22882.008 |
| 34.310 | 1.015 | 14.730 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 73.755 | 17.992 | 168.111 | 29146.201 | 33650.199 | 21.257 | 22882.135 |
| 34.310 | 1.015 | 14.731 | | | | | | |
| 1/7/2017 3:50:00 PM | 237000.000 | 73.736 | 17.992 | 168.067 | 29134.570 | 33636.965 | 21.248 | 22873.139 |
| 34.323 | 1.015 | 14.732 | | | | | | |
| 1/7/2017 3:55:00 PM | 237300.000 | 73.758 | 17.992 | 168.117 | 29140.773 | 33643.797 | 21.253 | 22877.783 |
| 34.316 | 1.015 | 14.733 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 73.754 | 17.992 | 168.108 | 29135.205 | 33637.371 | 21.248 | 22873.414 |
| 34.323 | 1.015 | 14.735 | | | | | | |
| 1/7/2017 4:05:00 PM | 237900.000 | 73.754 | 17.992 | 168.108 | 29136.756 | 33639.227 | 21.249 | 22874.676 |
| 34.321 | 1.015 | 14.735 | | | | | | |
| 1/7/2017 4:10:00 PM | 238200.000 | 73.754 | 17.992 | 168.108 | 29131.828 | 33634.121 | 21.246 | 22871.205 |
| 34.327 | 1.015 | 14.736 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 73.758 | 17.992 | 168.117 | 29129.348 | 33630.605 | 21.243 | 22868.814 |
| 34.330 | 1.015 | 14.736 | | | | | | |
| 1/7/2017 4:20:00 PM | 238800.000 | 73.760 | 17.992 | 168.121 | 29134.885 | 33637.328 | 21.248 | 22873.385 |
| 34.323 | 1.015 | 14.737 | | | | | | |
| 1/7/2017 4:25:00 PM | 239100.000 | 73.750 | 17.993 | 168.099 | 29139.992 | 33642.766 | 21.252 | 22877.080 |
| 34.317 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 73.755 | 17.992 | 168.111 | 29152.625 | 33657.617 | 21.262 | 22887.180 |
| 34.302 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 4:35:00 PM | 239700.000 | 73.756 | 17.992 | 168.113 | 29134.016 | 33636.129 | 21.247 | 22872.570 |
| 34.324 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 4:40:00 PM | 240000.000 | 73.760 | 17.992 | 168.122 | 29132.195 | 33634.086 | 21.246 | 22871.180 |
| 34.326 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 73.758 | 17.992 | 168.118 | 29118.836 | 33618.664 | 21.235 | 22860.693 |
| 34.342 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 4:50:00 PM | 240600.000 | 73.766 | 17.992 | 168.134 | 29132.012 | 33633.816 | 21.246 | 22870.996 |
| 34.326 | 1.015 | 14.736 | | | | | | |
| 1/7/2017 4:55:00 PM | 240900.000 | 73.771 | 17.992 | 168.146 | 29121.525 | 33621.578 | 21.237 | 22862.674 |
| 34.339 | 1.015 | 14.733 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 73.774 | 17.993 | 168.153 | 29141.316 | 33644.367 | 21.253 | 22878.172 |
| 34.316 | 1.015 | 14.731 | | | | | | |
| 1/7/2017 5:05:00 PM | 241500.000 | 73.768 | 17.992 | 168.140 | 29135.254 | 33637.816 | 21.248 | 22873.717 |
| 34.323 | 1.015 | 14.733 | | | | | | |
| 1/7/2017 5:10:00 PM | 241800.000 | 73.772 | 17.992 | 168.149 | 29137.037 | 33639.676 | 21.250 | 22874.980 |
| 34.321 | 1.015 | 14.736 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 73.770 | 17.992 | 168.144 | 29126.313 | 33627.367 | 21.241 | 22866.609 |
| 34.333 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 5:20:00 PM | 242400.000 | 73.752 | 17.992 | 168.105 | 29121.080 | 33621.391 | 21.237 | 22862.547 |
| 34.339 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 5:25:00 PM | 242700.000 | 73.750 | 17.993 | 168.100 | 29132.105 | 33633.660 | 21.246 | 22870.891 |
| 34.326 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 73.768 | 17.992 | 168.141 | 29132.652 | 33634.559 | 21.246 | 22871.502 |
| 34.326 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 5:35:00 PM | 243300.000 | 73.769 | 17.993 | 168.142 | 29146.020 | 33649.797 | 21.257 | 22881.863 |
| 34.310 | 1.015 | 14.736 | | | | | | |
| 1/7/2017 5:40:00 PM | 243600.000 | 73.775 | 17.992 | 168.156 | 29131.326 | 33632.957 | 21.245 | 22870.410 |
| 34.327 | 1.015 | 14.735 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 73.772 | 17.992 | 168.150 | 29126.844 | 33627.980 | 21.242 | 22867.029 |
| 34.333 | 1.015 | 14.734 | | | | | | |
| 1/7/2017 5:50:00 PM | 244200.000 | 73.773 | 17.991 | 168.152 | 29145.197 | 33649.688 | 21.257 | 22881.789 |
| 34.311 | 1.015 | 14.734 | | | | | | |
| 1/7/2017 5:55:00 PM | 244500.000 | 73.773 | 17.992 | 168.153 | 29139.947 | 33643.172 | 21.252 | 22877.359 |
| 34.317 | 1.015 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 73.777 | 17.992 | 168.160 | 29127.041 | 33628.273 | 21.242 | 22867.229 |
| 34.332 | 1.015 | 14.734 | | | | | | |
| 1/7/2017 6:05:00 PM | 245100.000 | 73.780 | 17.993 | 168.168 | 29136.727 | 33639.070 | 21.249 | 22874.568 |
| 34.321 | 1.015 | 14.732 | | | | | | |
| 1/7/2017 6:10:00 PM | 245400.000 | 73.783 | 17.992 | 168.174 | 29130.234 | 33631.699 | 21.244 | 22869.559 |
| 34.329 | 1.015 | 14.730 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 73.783 | 17.992 | 168.174 | 29136.777 | 33639.379 | 21.250 | 22874.779 |
| 34.321 | 1.015 | 14.728 | | | | | | |
| 1/7/2017 6:20:00 PM | 246000.000 | 73.784 | 17.992 | 168.176 | 29144.926 | 33648.922 | 21.256 | 22881.270 |
| 34.311 | 1.015 | 14.730 | | | | | | |
| 1/7/2017 6:25:00 PM | 246300.000 | 73.787 | 17.992 | 168.183 | 29130.736 | 33632.539 | 21.245 | 22870.129 |
| 34.328 | 1.015 | 14.733 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 73.787 | 17.992 | 168.184 | 29129.449 | 33630.988 | 21.244 | 22869.074 |
| 34.330 | 1.015 | 14.735 | | | | | | |
| 1/7/2017 6:35:00 PM | 246900.000 | 73.787 | 17.992 | 168.182 | 29130.557 | 33632.590 | 21.245 | 22870.162 |
| 34.328 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 6:40:00 PM | 247200.000 | 73.782 | 17.992 | 168.173 | 29137.764 | 33640.324 | 21.250 | 22875.422 |
| 34.320 | 1.015 | 14.740 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 73.783 | 17.992 | 168.173 | 29134.934 | 33637.250 | 21.248 | 22873.332 |
| 34.323 | 1.015 | 14.743 | | | | | | |
| 1/7/2017 6:50:00 PM | 247800.000 | 73.789 | 17.992 | 168.189 | 29133.115 | 33635.348 | 21.247 | 22872.037 |
| 34.325 | 1.015 | 14.743 | | | | | | |
| 1/7/2017 6:55:00 PM | 248100.000 | 73.790 | 17.992 | 168.189 | 29123.484 | 33623.973 | 21.239 | 22864.301 |
| 34.337 | 1.015 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 73.799 | 17.993 | 168.211 | 29127.389 | 33628.094 | 21.242 | 22867.105 |
| 34.332 | 1.015 | 14.743 | | | | | | |
| 1/7/2017 7:05:00 PM | 248700.000 | 73.796 | 17.992 | 168.203 | 29144.553 | 33648.426 | 21.256 | 22880.930 |
| 34.312 | 1.015 | 14.742 | | | | | | |
| 1/7/2017 7:10:00 PM | 249000.000 | 73.794 | 17.992 | 168.199 | 29138.826 | 33641.617 | 21.251 | 22876.303 |
| 34.318 | 1.015 | 14.742 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 73.802 | 17.992 | 168.218 | 29126.543 | 33627.563 | 21.241 | 22866.742 |
| 34.333 | 1.015 | 14.741 | | | | | | |
| 1/7/2017 7:20:00 PM | 249600.000 | 73.799 | 17.992 | 168.211 | 29135.018 | 33637.289 | 21.248 | 22873.357 |
| 34.323 | 1.015 | 14.744 | | | | | | |
| 1/7/2017 7:25:00 PM | 249900.000 | 73.796 | 17.992 | 168.204 | 29127.697 | 33628.770 | 21.242 | 22867.564 |
| 34.332 | 1.015 | 14.747 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 73.795 | 17.992 | 168.201 | 29131.740 | 33633.883 | 21.246 | 22871.043 |
| 34.327 | 1.015 | 14.750 | | | | | | |
| 1/7/2017 7:35:00 PM | 250500.000 | 73.795 | 17.992 | 168.201 | 29128.297 | 33629.906 | 21.243 | 22868.338 |
| 34.331 | 1.015 | 14.751 | | | | | | |
| 1/7/2017 7:40:00 PM | 250800.000 | 73.781 | 17.992 | 168.170 | 29130.559 | 33632.332 | 21.245 | 22869.988 |
| 34.328 | 1.015 | 14.752 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 73.798 | 17.992 | 168.208 | 29127.221 | 33628.414 | 21.242 | 22867.322 |
| 34.332 | 1.015 | 14.753 | | | | | | |
| 1/7/2017 7:50:00 PM | 251400.000 | 73.800 | 17.992 | 168.213 | 29133.311 | 33635.316 | 21.247 | 22872.018 |
| 34.325 | 1.015 | 14.755 | | | | | | |
| 1/7/2017 7:55:00 PM | 251700.000 | 73.781 | 17.992 | 168.170 | 29130.918 | 33632.684 | 21.245 | 22870.227 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.328 | 1.015 | 14.758 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 73.804 | 17.992 | 168.222 | 29146.154 | 33650.012 | 21.257 | 22882.010 |
| 34.310 | 1.015 | 14.761 | | | | | | |
| 1/7/2017 8:05:00 PM | 252300.000 | 73.784 | 17.992 | 168.177 | 29118.105 | 33617.891 | 21.235 | 22860.166 |
| 34.343 | 1.015 | 14.759 | | | | | | |
| 1/7/2017 8:10:00 PM | 252600.000 | 73.783 | 17.992 | 168.174 | 29122.982 | 33623.848 | 21.239 | 22864.217 |
| 34.337 | 1.015 | 14.758 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 73.799 | 17.992 | 168.211 | 29124.170 | 33624.762 | 21.239 | 22864.840 |
| 34.336 | 1.015 | 14.756 | | | | | | |
| 1/7/2017 8:20:00 PM | 253200.000 | 73.801 | 17.992 | 168.216 | 29140.000 | 33643.168 | 21.252 | 22877.354 |
| 34.317 | 1.015 | 14.756 | | | | | | |
| 1/7/2017 8:25:00 PM | 253500.000 | 73.800 | 17.992 | 168.214 | 29133.654 | 33635.906 | 21.247 | 22872.418 |
| 34.325 | 1.015 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 73.783 | 17.992 | 168.175 | 29129.777 | 33631.367 | 21.244 | 22869.332 |
| 34.329 | 1.015 | 14.756 | | | | | | |
| 1/7/2017 8:35:00 PM | 254100.000 | 73.780 | 17.992 | 168.168 | 29128.451 | 33629.836 | 21.243 | 22868.289 |
| 34.331 | 1.015 | 14.758 | | | | | | |
| 1/7/2017 8:40:00 PM | 254400.000 | 73.800 | 17.993 | 168.213 | 29122.570 | 33622.457 | 21.238 | 22863.271 |
| 34.338 | 1.015 | 14.760 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 73.800 | 17.992 | 168.212 | 29120.576 | 33620.809 | 21.237 | 22862.152 |
| 34.340 | 1.015 | 14.763 | | | | | | |
| 1/7/2017 8:50:00 PM | 255000.000 | 73.802 | 17.992 | 168.218 | 29123.533 | 33623.961 | 21.239 | 22864.295 |
| 34.336 | 1.015 | 14.763 | | | | | | |
| 1/7/2017 8:55:00 PM | 255300.000 | 73.800 | 17.992 | 168.213 | 29121.799 | 33622.156 | 21.238 | 22863.068 |
| 34.339 | 1.015 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 73.780 | 17.992 | 168.168 | 29129.959 | 33631.504 | 21.244 | 22869.426 |
| 34.329 | 1.015 | 14.762 | | | | | | |
| 1/7/2017 9:05:00 PM | 255900.000 | 73.801 | 17.992 | 168.216 | 29125.033 | 33625.691 | 21.240 | 22865.471 |
| 34.335 | 1.015 | 14.763 | | | | | | |
| 1/7/2017 9:10:00 PM | 256200.000 | 73.779 | 17.993 | 168.165 | 29124.988 | 33625.324 | 21.240 | 22865.221 |
| 34.335 | 1.015 | 14.763 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 73.799 | 17.993 | 168.212 | 29124.715 | 33625.125 | 21.240 | 22865.088 |
| 34.335 | 1.015 | 14.764 | | | | | | |
| 1/7/2017 9:20:00 PM | 256800.000 | 73.806 | 17.992 | 168.227 | 29133.215 | 33635.207 | 21.247 | 22871.943 |
| 34.325 | 1.015 | 14.762 | | | | | | |
| 1/7/2017 9:25:00 PM | 257100.000 | 73.803 | 17.993 | 168.221 | 29139.232 | 33641.961 | 21.251 | 22876.533 |
| 34.318 | 1.015 | 14.761 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 73.805 | 17.992 | 168.223 | 29132.381 | 33634.496 | 21.246 | 22871.459 |
| 34.326 | 1.015 | 14.760 | | | | | | |
| 1/7/2017 9:35:00 PM | 257700.000 | 73.810 | 17.992 | 168.235 | 29153.061 | 33658.500 | 21.263 | 22887.781 |
| 34.302 | 1.015 | 14.758 | | | | | | |
| 1/7/2017 9:40:00 PM | 258000.000 | 73.807 | 17.992 | 168.229 | 29124.170 | 33624.895 | 21.240 | 22864.930 |
| 34.336 | 1.015 | 14.756 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 73.780 | 17.992 | 168.168 | 29129.916 | 33631.652 | 21.244 | 22869.523 |
| 34.329 | 1.015 | 14.754 | | | | | | |
| 1/7/2017 9:50:00 PM | 258600.000 | 73.782 | 17.992 | 168.171 | 29151.680 | 33656.523 | 21.262 | 22886.436 |
| 34.303 | 1.015 | 14.757 | | | | | | |
| 1/7/2017 9:55:00 PM | 258900.000 | 73.804 | 17.992 | 168.223 | 29111.758 | 33610.563 | 21.230 | 22855.184 |
| 34.350 | 1.015 | 14.760 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 73.796 | 17.992 | 168.203 | 29143.141 | 33646.598 | 21.255 | 22879.688 |
| 34.313 | 1.015 | 14.763 | | | | | | |
| 1/7/2017 10:05:00 PM | 259500.000 | 73.795 | 17.993 | 168.201 | 29121.705 | 33621.727 | 21.237 | 22862.773 |
| 34.339 | 1.015 | 14.758 | | | | | | |
| 1/7/2017 10:10:00 PM | 259800.000 | 73.797 | 17.992 | 168.206 | 29137.943 | 33640.859 | 21.251 | 22875.785 |
| 34.320 | 1.015 | 14.753 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 73.801 | 17.992 | 168.216 | 29141.957 | 33645.430 | 21.254 | 22878.893 |
| 34.315 | 1.015 | 14.748 | | | | | | |
| 1/7/2017 10:20:00 PM | 260400.000 | 73.802 | 17.992 | 168.218 | 29147.350 | 33651.906 | 21.258 | 22883.299 |
| 34.308 | 1.015 | 14.753 | | | | | | |
| 1/7/2017 10:25:00 PM | 260700.000 | 73.800 | 17.992 | 168.212 | 29127.404 | 33628.820 | 21.242 | 22867.600 |
| 34.332 | 1.015 | 14.758 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 73.791 | 17.992 | 168.192 | 29150.322 | 33654.891 | 21.260 | 22885.326 |
| 34.305 | 1.015 | 14.763 | | | | | | |
| 1/7/2017 10:35:00 PM | 261300.000 | 73.791 | 17.992 | 168.192 | 29133.607 | 33635.789 | 21.247 | 22872.338 |
| 34.325 | 1.015 | 14.762 | | | | | | |
| 1/7/2017 10:40:00 PM | 261600.000 | 73.793 | 17.992 | 168.198 | 29131.738 | 33633.633 | 21.246 | 22870.873 |
| 34.327 | 1.015 | 14.760 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 73.774 | 17.992 | 168.153 | 29131.004 | 33632.652 | 21.245 | 22870.205 |
| 34.328 | 1.015 | 14.759 | | | | | | |
| 1/7/2017 10:50:00 PM | 262200.000 | 73.795 | 17.992 | 168.201 | 29141.316 | 33644.426 | 21.253 | 22878.211 |
| 34.316 | 1.015 | 14.758 | | | | | | |
| 1/7/2017 10:55:00 PM | 262500.000 | 73.797 | 17.992 | 168.205 | 29145.955 | 33649.973 | 21.257 | 22881.982 |
| 34.310 | 1.015 | 14.756 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 73.793 | 17.992 | 168.197 | 29145.406 | 33649.340 | 21.257 | 22881.551 |
| 34.311 | 1.015 | 14.755 | | | | | | |
| 1/7/2017 11:05:00 PM | 263100.000 | 73.790 | 17.992 | 168.189 | 29127.451 | 33628.875 | 21.242 | 22867.635 |
| 34.332 | 1.015 | 14.754 | | | | | | |
| 1/7/2017 11:10:00 PM | 263400.000 | 73.790 | 17.992 | 168.191 | 29127.086 | 33628.387 | 21.242 | 22867.305 |
| 34.332 | 1.015 | 14.754 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 73.794 | 17.992 | 168.199 | 29127.313 | 33628.586 | 21.242 | 22867.441 |
| 34.332 | 1.015 | 14.753 | | | | | | |
| 1/7/2017 11:20:00 PM | 264000.000 | 73.793 | 17.992 | 168.197 | 29141.645 | 33645.066 | 21.254 | 22878.645 |
| 34.315 | 1.015 | 14.748 | | | | | | |
| 1/7/2017 11:25:00 PM | 264300.000 | 73.789 | 17.992 | 168.188 | 29119.223 | 33619.430 | 21.236 | 22861.213 |
| 34.342 | 1.015 | 14.743 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 73.794 | 17.992 | 168.199 | 29153.182 | 33658.258 | 21.263 | 22887.617 |
| 34.302 | 1.015 | 14.738 | | | | | | |
| 1/7/2017 11:35:00 PM | 264900.000 | 73.792 | 17.992 | 168.194 | 29144.158 | 33647.840 | 21.255 | 22880.533 |
| 34.312 | 1.015 | 14.741 | | | | | | |
| 1/7/2017 11:40:00 PM | 265200.000 | 73.791 | 17.992 | 168.192 | 29139.541 | 33642.375 | 21.252 | 22876.816 |
| 34.318 | 1.015 | 14.744 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 73.795 | 17.992 | 168.201 | 29128.225 | 33629.504 | 21.243 | 22868.063 |
| 34.331 | 1.015 | 14.746 | | | | | | |
| 1/7/2017 11:50:00 PM | 265800.000 | 73.789 | 17.992 | 168.188 | 29127.313 | 33628.715 | 21.242 | 22867.527 |
| 34.332 | 1.015 | 14.746 | | | | | | |
| 1/7/2017 11:55:00 PM | 266100.000 | 73.791 | 17.993 | 168.192 | 29117.965 | 33617.332 | 21.234 | 22859.787 |
| 34.343 | 1.015 | 14.747 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 73.789 | 17.992 | 168.188 | 29141.789 | 33645.164 | 21.254 | 22878.711 |
| 34.315 | 1.015 | 14.747 | | | | | | |
| 1/8/2017 12:05:00 AM | 266700.000 | 73.784 | 17.992 | 168.176 | 29151.400 | 33656.203 | 21.261 | 22886.219 |
| 34.304 | 1.015 | 14.749 | | | | | | |
| 1/8/2017 12:10:00 AM | 267000.000 | 73.792 | 17.992 | 168.195 | 29126.633 | 33627.801 | 21.242 | 22866.904 |
| 34.333 | 1.015 | 14.751 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 73.770 | 17.992 | 168.145 | 29140.992 | 33644.117 | 21.253 | 22878.000 |
| 34.316 | 1.015 | 14.753 | | | | | | |
| 1/8/2017 12:20:00 AM | 267600.000 | 73.776 | 17.992 | 168.159 | 29132.164 | 33634.246 | 21.246 | 22871.289 |
| 34.326 | 1.015 | 14.754 | | | | | | |
| 1/8/2017 12:25:00 AM | 267900.000 | 73.793 | 17.992 | 168.197 | 29132.107 | 33634.121 | 21.246 | 22871.205 |
| 34.326 | 1.015 | 14.755 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 73.787 | 17.992 | 168.183 | 29133.107 | 33635.406 | 21.247 | 22872.078 |
| 34.325 | 1.015 | 14.756 | | | | | | |
| 1/8/2017 12:35:00 AM | 268500.000 | 73.792 | 17.992 | 168.196 | 29121.529 | 33621.969 | 21.237 | 22862.939 |
| 34.339 | 1.015 | 14.752 | | | | | | |
| 1/8/2017 12:40:00 AM | 268800.000 | 73.796 | 17.992 | 168.203 | 29129.871 | 33631.602 | 21.244 | 22869.492 |
| 34.329 | 1.015 | 14.748 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 73.798 | 17.992 | 168.208 | 29147.340 | 33651.445 | 21.258 | 22882.984 |
| 34.308 | 1.015 | 14.744 | | | | | | |
| 1/8/2017 12:50:00 AM | 269400.000 | 73.797 | 17.992 | 168.206 | 29132.332 | 33634.316 | 21.246 | 22871.338 |
| 34.326 | 1.015 | 14.746 | | | | | | |
| 1/8/2017 12:55:00 AM | 269700.000 | 73.799 | 17.992 | 168.210 | 29128.045 | 33629.238 | 21.243 | 22867.883 |
| 34.331 | 1.015 | 14.748 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 73.794 | 17.992 | 168.200 | 29136.070 | 33638.699 | 21.249 | 22874.316 |
| 34.322 | 1.015 | 14.750 | | | | | | |
| 1/8/2017 1:05:00 AM | 270300.000 | 73.798 | 17.992 | 168.208 | 29135.293 | 33637.473 | 21.248 | 22873.484 |
| 34.323 | 1.015 | 14.750 | | | | | | |
| 1/8/2017 1:10:00 AM | 270600.000 | 73.799 | 17.992 | 168.211 | 29128.729 | 33630.086 | 21.243 | 22868.459 |
| 34.330 | 1.015 | 14.751 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 73.795 | 17.993 | 168.201 | 29152.834 | 33657.664 | 21.262 | 22887.213 |
| 34.302 | 1.015 | 14.751 | | | | | | |
| 1/8/2017 1:20:00 AM | 271200.000 | 73.800 | 17.993 | 168.212 | 29132.102 | 33633.535 | 21.246 | 22870.807 |
| 34.326 | 1.015 | 14.745 | | | | | | |
| 1/8/2017 1:25:00 AM | 271500.000 | 73.802 | 17.993 | 168.217 | 29123.436 | 33623.531 | 21.239 | 22864.002 |
| 34.337 | 1.015 | 14.740 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/8/2017 1:30:00 AM | 271800.000 | 73.813 | 17.993 | 168.243 | 29133.563 | 33635.340 | 21.247 | 22872.031 |
| 34.325 | 1.015 | 14.735 | | | | | | |
| 1/8/2017 1:35:00 AM | 272100.000 | 73.812 | 17.992 | 168.241 | 29148.432 | 33652.969 | 21.259 | 22884.020 |
| 34.307 | 1.015 | 14.737 | | | | | | |
| 1/8/2017 1:40:00 AM | 272400.000 | 73.791 | 17.992 | 168.191 | 29133.244 | 33635.496 | 21.247 | 22872.137 |
| 34.325 | 1.015 | 14.740 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 73.810 | 17.992 | 168.236 | 29134.465 | 33636.777 | 21.248 | 22873.010 |
| 34.324 | 1.015 | 14.743 | | | | | | |
| 1/8/2017 1:50:00 AM | 273000.000 | 73.806 | 17.992 | 168.228 | 29124.488 | 33625.262 | 21.240 | 22865.180 |
| 34.335 | 1.015 | 14.739 | | | | | | |
| 1/8/2017 1:55:00 AM | 273300.000 | 73.809 | 17.992 | 168.233 | 29124.578 | 33625.488 | 21.240 | 22865.334 |
| 34.335 | 1.015 | 14.736 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 73.812 | 17.993 | 168.241 | 29138.488 | 33640.836 | 21.251 | 22875.771 |
| 34.319 | 1.015 | 14.732 | | | | | | |
| 1/8/2017 2:05:00 AM | 273900.000 | 73.816 | 17.992 | 168.249 | 29141.340 | 33644.781 | 21.253 | 22878.453 |
| 34.316 | 1.015 | 14.733 | | | | | | |
| 1/8/2017 2:10:00 AM | 274200.000 | 73.819 | 17.992 | 168.255 | 29137.621 | 33640.293 | 21.250 | 22875.400 |
| 34.320 | 1.015 | 14.733 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 73.815 | 17.992 | 168.248 | 29144.805 | 33648.520 | 21.256 | 22880.994 |
| 34.311 | 1.015 | 14.733 | | | | | | |
| 1/8/2017 2:20:00 AM | 274800.000 | 73.815 | 17.993 | 168.247 | 29134.834 | 33636.746 | 21.248 | 22872.990 |
| 34.323 | 1.015 | 14.733 | | | | | | |
| 1/8/2017 2:25:00 AM | 275100.000 | 73.816 | 17.992 | 168.250 | 29115.006 | 33614.242 | 21.232 | 22857.688 |
| 34.347 | 1.015 | 14.732 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 73.818 | 17.992 | 168.254 | 29142.100 | 33645.660 | 21.254 | 22879.049 |
| 34.315 | 1.015 | 14.732 | | | | | | |
| 1/8/2017 2:35:00 AM | 275700.000 | 73.803 | 17.993 | 168.219 | 29131.305 | 33632.488 | 21.245 | 22870.092 |
| 34.327 | 1.015 | 14.727 | | | | | | |
| 1/8/2017 2:40:00 AM | 276000.000 | 73.829 | 17.992 | 168.278 | 29120.977 | 33621.457 | 21.237 | 22862.592 |
| 34.340 | 1.015 | 14.723 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 73.838 | 17.992 | 168.300 | 29137.078 | 33639.922 | 21.250 | 22875.146 |
| 34.321 | 1.015 | 14.718 | | | | | | |
| 1/8/2017 2:50:00 AM | 276600.000 | 73.832 | 17.992 | 168.286 | 29129.910 | 33631.520 | 21.244 | 22869.434 |
| 34.329 | 1.015 | 14.719 | | | | | | |
| 1/8/2017 2:55:00 AM | 276900.000 | 73.828 | 17.992 | 168.278 | 29138.084 | 33640.695 | 21.251 | 22875.676 |
| 34.319 | 1.015 | 14.721 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 73.815 | 17.992 | 168.248 | 29142.387 | 33646.121 | 21.254 | 22879.363 |
| 34.314 | 1.015 | 14.723 | | | | | | |
| 1/8/2017 3:05:00 AM | 277500.000 | 73.817 | 17.992 | 168.252 | 29125.539 | 33626.277 | 21.240 | 22865.869 |
| 34.334 | 1.015 | 14.719 | | | | | | |
| 1/8/2017 3:10:00 AM | 277800.000 | 73.835 | 17.992 | 168.293 | 29140.838 | 33643.875 | 21.253 | 22877.836 |
| 34.316 | 1.015 | 14.716 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 73.847 | 17.992 | 168.321 | 29132.379 | 33634.371 | 21.246 | 22871.375 |
| 34.326 | 1.015 | 14.713 | | | | | | |
| 1/8/2017 3:20:00 AM | 278400.000 | 73.846 | 17.992 | 168.319 | 29138.531 | 33641.277 | 21.251 | 22876.070 |
| 34.319 | 1.015 | 14.715 | | | | | | |
| 1/8/2017 3:25:00 AM | 278700.000 | 73.829 | 17.993 | 168.279 | 29122.895 | 33623.098 | 21.238 | 22863.709 |
| 34.337 | 1.015 | 14.718 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 73.823 | 17.992 | 168.265 | 29128.850 | 33630.359 | 21.243 | 22868.645 |
| 34.330 | 1.015 | 14.720 | | | | | | |
| 1/8/2017 3:35:00 AM | 279300.000 | 73.844 | 17.992 | 168.312 | 29134.568 | 33636.965 | 21.248 | 22873.139 |
| 34.323 | 1.015 | 14.716 | | | | | | |
| 1/8/2017 3:40:00 AM | 279600.000 | 73.855 | 17.992 | 168.339 | 29132.012 | 33633.750 | 21.246 | 22870.953 |
| 34.326 | 1.015 | 14.713 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 73.835 | 17.992 | 168.292 | 29131.873 | 33633.715 | 21.246 | 22870.928 |
| 34.327 | 1.015 | 14.709 | | | | | | |
| 1/8/2017 3:50:00 AM | 280200.000 | 73.860 | 17.992 | 168.349 | 29119.473 | 33619.340 | 21.236 | 22861.150 |
| 34.341 | 1.015 | 14.707 | | | | | | |
| 1/8/2017 3:55:00 AM | 280500.000 | 73.859 | 17.992 | 168.347 | 29138.719 | 33641.563 | 21.251 | 22876.264 |
| 34.319 | 1.015 | 14.705 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 73.854 | 17.992 | 168.336 | 29124.666 | 33625.789 | 21.240 | 22865.537 |
| 34.335 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 4:05:00 AM | 281100.000 | 73.878 | 17.992 | 168.391 | 29147.451 | 33651.699 | 21.258 | 22883.158 |
| 34.308 | 1.015 | 14.698 | | | | | | |
| 1/8/2017 4:10:00 AM | 281400.000 | 73.867 | 17.992 | 168.365 | 29135.887 | 33638.422 | 21.249 | 22874.129 |
| 34.322 | 1.015 | 14.692 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 73.874 | 17.992 | 168.383 | 29124.441 | 33625.402 | 21.240 | 22865.275 |
| 34.335 | 1.015 | 14.686 | | | | | | |
| 1/8/2017 4:20:00 AM | 282000.000 | 73.883 | 17.992 | 168.402 | 29130.406 | 33632.094 | 21.245 | 22869.826 |
| 34.328 | 1.015 | 14.693 | | | | | | |
| 1/8/2017 4:25:00 AM | 282300.000 | 73.883 | 17.993 | 168.403 | 29124.488 | 33624.801 | 21.239 | 22864.867 |
| 34.335 | 1.015 | 14.700 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 73.882 | 17.992 | 168.401 | 29123.668 | 33624.184 | 21.239 | 22864.447 |
| 34.336 | 1.015 | 14.707 | | | | | | |
| 1/8/2017 4:35:00 AM | 282900.000 | 73.861 | 17.992 | 168.352 | 29126.176 | 33627.457 | 21.241 | 22866.672 |
| 34.333 | 1.015 | 14.706 | | | | | | |
| 1/8/2017 4:40:00 AM | 283200.000 | 73.890 | 17.992 | 168.418 | 29125.715 | 33626.801 | 21.241 | 22866.227 |
| 34.334 | 1.015 | 14.705 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 73.886 | 17.992 | 168.410 | 29133.834 | 33636.117 | 21.247 | 22872.563 |
| 34.324 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 4:50:00 AM | 283800.000 | 73.894 | 17.991 | 168.426 | 29135.383 | 33638.289 | 21.249 | 22874.039 |
| 34.323 | 1.015 | 14.708 | | | | | | |
| 1/8/2017 4:55:00 AM | 284100.000 | 73.892 | 17.993 | 168.422 | 29145.975 | 33649.609 | 21.257 | 22881.734 |
| 34.310 | 1.015 | 14.711 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 73.875 | 17.992 | 168.384 | 29130.957 | 33633.055 | 21.245 | 22870.479 |
| 34.328 | 1.015 | 14.714 | | | | | | |
| 1/8/2017 5:05:00 AM | 284700.000 | 73.873 | 17.992 | 168.380 | 29134.611 | 33636.875 | 21.248 | 22873.078 |
| 34.323 | 1.015 | 14.707 | | | | | | |
| 1/8/2017 5:10:00 AM | 285000.000 | 73.877 | 17.992 | 168.387 | 29117.738 | 33617.395 | 21.234 | 22859.828 |
| 34.343 | 1.015 | 14.700 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 73.905 | 17.993 | 168.453 | 29136.021 | 33638.063 | 21.249 | 22873.885 |
| 34.322 | 1.015 | 14.693 | | | | | | |
| 1/8/2017 5:20:00 AM | 285600.000 | 73.909 | 17.992 | 168.462 | 29151.078 | 33656.023 | 21.261 | 22886.098 |
| 34.304 | 1.015 | 14.696 | | | | | | |
| 1/8/2017 5:25:00 AM | 285900.000 | 73.902 | 17.993 | 168.445 | 29142.363 | 33645.578 | 21.254 | 22878.996 |
| 34.314 | 1.015 | 14.699 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 73.916 | 17.992 | 168.478 | 29143.297 | 33647.227 | 21.255 | 22880.115 |
| 34.313 | 1.015 | 14.701 | | | | | | |
| 1/8/2017 5:35:00 AM | 286500.000 | 73.913 | 17.992 | 168.471 | 29137.348 | 33639.910 | 21.250 | 22875.139 |
| 34.320 | 1.015 | 14.700 | | | | | | |
| 1/8/2017 5:40:00 AM | 286800.000 | 73.919 | 17.992 | 168.484 | 29133.965 | 33636.129 | 21.247 | 22872.570 |
| 34.324 | 1.015 | 14.698 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 73.903 | 17.992 | 168.449 | 29138.713 | 33641.488 | 21.251 | 22876.213 |
| 34.319 | 1.015 | 14.696 | | | | | | |
| 1/8/2017 5:50:00 AM | 287400.000 | 73.925 | 17.992 | 168.498 | 29128.549 | 33629.949 | 21.243 | 22868.367 |
| 34.331 | 1.015 | 14.698 | | | | | | |
| 1/8/2017 5:55:00 AM | 287700.000 | 73.927 | 17.992 | 168.503 | 29150.621 | 33655.301 | 21.261 | 22885.607 |
| 34.305 | 1.015 | 14.700 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 73.930 | 17.992 | 168.508 | 29138.996 | 33641.813 | 21.251 | 22876.434 |
| 34.318 | 1.015 | 14.702 | | | | | | |
| 1/8/2017 6:05:00 AM | 288300.000 | 73.937 | 17.992 | 168.525 | 29137.420 | 33640.316 | 21.250 | 22875.418 |
| 34.320 | 1.015 | 14.701 | | | | | | |
| 1/8/2017 6:10:00 AM | 288600.000 | 73.943 | 17.993 | 168.538 | 29131.648 | 33633.207 | 21.245 | 22870.580 |
| 34.327 | 1.015 | 14.700 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 73.939 | 17.992 | 168.529 | 29136.662 | 33639.051 | 21.249 | 22874.555 |
| 34.321 | 1.015 | 14.699 | | | | | | |
| 1/8/2017 6:20:00 AM | 289200.000 | 73.947 | 17.992 | 168.547 | 29152.938 | 33657.910 | 21.262 | 22887.381 |
| 34.302 | 1.015 | 14.702 | | | | | | |
| 1/8/2017 6:25:00 AM | 289500.000 | 73.950 | 17.992 | 168.555 | 29132.334 | 33634.055 | 21.246 | 22871.158 |
| 34.326 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 73.943 | 17.992 | 168.540 | 29135.068 | 33637.211 | 21.248 | 22873.305 |
| 34.323 | 1.015 | 14.707 | | | | | | |
| 1/8/2017 6:35:00 AM | 290100.000 | 73.932 | 17.992 | 168.514 | 29152.080 | 33656.918 | 21.262 | 22886.705 |
| 34.303 | 1.015 | 14.707 | | | | | | |
| 1/8/2017 6:40:00 AM | 290400.000 | 73.934 | 17.992 | 168.519 | 29132.160 | 33633.988 | 21.246 | 22871.113 |
| 34.326 | 1.015 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 73.953 | 17.992 | 168.561 | 29139.035 | 33642.180 | 21.252 | 22876.682 |
| 34.318 | 1.015 | 14.708 | | | | | | |
| 1/8/2017 6:50:00 AM | 291000.000 | 73.954 | 17.993 | 168.565 | 29113.867 | 33612.539 | 21.231 | 22856.529 |
| 34.348 | 1.015 | 14.707 | | | | | | |
| 1/8/2017 6:55:00 AM | 291300.000 | 73.957 | 17.992 | 168.570 | 29138.484 | 33641.348 | 21.251 | 22876.117 |
| 34.319 | 1.015 | 14.706 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 73.952 | 17.993 | 168.560 | 29133.193 | 33634.598 | 21.246 | 22871.529 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.325 | 1.015 | 14.705 | | | | | | |
| 1/8/2017 7:05:00 AM | 291900.000 | 73.956 | 17.993 | 168.569 | 29131.506 | 33632.719 | 21.245 | 22870.248 |
| 34.327 | 1.015 | 14.705 | | | | | | |
| 1/8/2017 7:10:00 AM | 292200.000 | 73.962 | 17.992 | 168.583 | 29136.576 | 33639.281 | 21.250 | 22874.713 |
| 34.321 | 1.015 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 73.965 | 17.992 | 168.589 | 29143.104 | 33646.555 | 21.255 | 22879.660 |
| 34.313 | 1.015 | 14.705 | | | | | | |
| 1/8/2017 7:20:00 AM | 292800.000 | 73.966 | 17.993 | 168.591 | 29119.623 | 33619.320 | 21.236 | 22861.139 |
| 34.341 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 7:25:00 AM | 293100.000 | 73.952 | 17.992 | 168.559 | 29141.133 | 33644.281 | 21.253 | 22878.113 |
| 34.316 | 1.015 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 73.955 | 17.993 | 168.567 | 29127.342 | 33628.160 | 21.242 | 22867.148 |
| 34.332 | 1.015 | 14.700 | | | | | | |
| 1/8/2017 7:35:00 AM | 293700.000 | 73.969 | 17.992 | 168.597 | 29127.818 | 33628.977 | 21.242 | 22867.707 |
| 34.331 | 1.015 | 14.701 | | | | | | |
| 1/8/2017 7:40:00 AM | 294000.000 | 73.973 | 17.993 | 168.606 | 29136.529 | 33638.703 | 21.249 | 22874.318 |
| 34.321 | 1.015 | 14.702 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 73.972 | 17.992 | 168.605 | 29121.229 | 33621.301 | 21.237 | 22862.486 |
| 34.339 | 1.015 | 14.702 | | | | | | |
| 1/8/2017 7:50:00 AM | 294600.000 | 73.978 | 17.993 | 168.618 | 29128.549 | 33629.168 | 21.243 | 22867.836 |
| 34.331 | 1.015 | 14.702 | | | | | | |
| 1/8/2017 7:55:00 AM | 294900.000 | 73.958 | 17.992 | 168.573 | 29149.316 | 33654.051 | 21.260 | 22884.754 |
| 34.306 | 1.015 | 14.701 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 73.979 | 17.992 | 168.622 | 29138.307 | 33641.215 | 21.251 | 22876.025 |
| 34.319 | 1.015 | 14.700 | | | | | | |
| 1/8/2017 8:05:00 AM | 295500.000 | 73.976 | 17.993 | 168.615 | 29135.479 | 33637.305 | 21.248 | 22873.369 |
| 34.322 | 1.015 | 14.701 | | | | | | |
| 1/8/2017 8:10:00 AM | 295800.000 | 73.979 | 17.992 | 168.620 | 29138.668 | 33641.559 | 21.251 | 22876.262 |
| 34.319 | 1.015 | 14.703 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 73.981 | 17.993 | 168.624 | 29124.537 | 33624.344 | 21.239 | 22864.555 |
| 34.335 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 8:20:00 AM | 296400.000 | 73.988 | 17.993 | 168.642 | 29134.721 | 33636.488 | 21.248 | 22872.814 |
| 34.323 | 1.015 | 14.706 | | | | | | |
| 1/8/2017 8:25:00 AM | 296700.000 | 73.957 | 17.993 | 168.571 | 29150.426 | 33654.883 | 21.260 | 22885.320 |
| 34.305 | 1.015 | 14.707 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 73.973 | 17.992 | 168.607 | 29141.137 | 33644.352 | 21.253 | 22878.160 |
| 34.316 | 1.015 | 14.709 | | | | | | |
| 1/8/2017 8:35:00 AM | 297300.000 | 73.973 | 17.992 | 168.608 | 29131.010 | 33632.594 | 21.245 | 22870.164 |
| 34.328 | 1.015 | 14.710 | | | | | | |
| 1/8/2017 8:40:00 AM | 297600.000 | 73.976 | 17.992 | 168.614 | 29141.822 | 33645.340 | 21.254 | 22878.834 |
| 34.315 | 1.015 | 14.710 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 73.954 | 17.993 | 168.564 | 29141.436 | 33644.430 | 21.253 | 22878.215 |
| 34.315 | 1.015 | 14.711 | | | | | | |
| 1/8/2017 8:50:00 AM | 298200.000 | 73.974 | 17.992 | 168.610 | 29129.650 | 33630.957 | 21.244 | 22869.051 |
| 34.329 | 1.015 | 14.712 | | | | | | |
| 1/8/2017 8:55:00 AM | 298500.000 | 73.975 | 17.993 | 168.612 | 29130.154 | 33631.344 | 21.244 | 22869.316 |
| 34.329 | 1.015 | 14.713 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 73.977 | 17.992 | 168.615 | 29141.459 | 33644.781 | 21.253 | 22878.453 |
| 34.315 | 1.015 | 14.713 | | | | | | |
| 1/8/2017 9:05:00 AM | 299100.000 | 73.971 | 17.992 | 168.603 | 29123.082 | 33623.375 | 21.238 | 22863.895 |
| 34.337 | 1.015 | 14.715 | | | | | | |
| 1/8/2017 9:10:00 AM | 299400.000 | 73.971 | 17.992 | 168.603 | 29128.820 | 33630.133 | 21.243 | 22868.492 |
| 34.330 | 1.015 | 14.717 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 73.968 | 17.992 | 168.595 | 29125.309 | 33626.137 | 21.240 | 22865.773 |
| 34.334 | 1.015 | 14.719 | | | | | | |
| 1/8/2017 9:20:00 AM | 300000.000 | 73.973 | 17.993 | 168.606 | 29146.061 | 33649.770 | 21.257 | 22881.846 |
| 34.310 | 1.015 | 14.718 | | | | | | |
| 1/8/2017 9:25:00 AM | 300300.000 | 73.966 | 17.992 | 168.592 | 29136.762 | 33639.430 | 21.250 | 22874.813 |
| 34.321 | 1.015 | 14.717 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 73.971 | 17.992 | 168.603 | 29143.348 | 33646.770 | 21.255 | 22879.805 |
| 34.313 | 1.015 | 14.717 | | | | | | |
| 1/8/2017 9:35:00 AM | 300900.000 | 73.968 | 17.992 | 168.596 | 29146.389 | 33650.348 | 21.257 | 22882.236 |
| 34.310 | 1.015 | 14.720 | | | | | | |
| 1/8/2017 9:40:00 AM | 301200.000 | 73.946 | 17.993 | 168.545 | 29126.721 | 33627.516 | 21.241 | 22866.713 |
| 34.333 | 1.015 | 14.724 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 73.952 | 17.992 | 168.559 | 29128.643 | 33629.859 | 21.243 | 22868.305 |
| 34.330 | 1.015 | 14.727 | | | | | | |
| 1/8/2017 9:50:00 AM | 301800.000 | 73.956 | 17.992 | 168.569 | 29137.574 | 33640.238 | 21.250 | 22875.363 |
| 34.320 | 1.015 | 14.726 | | | | | | |
| 1/8/2017 9:55:00 AM | 302100.000 | 73.957 | 17.993 | 168.572 | 29125.949 | 33626.434 | 21.241 | 22865.977 |
| 34.334 | 1.015 | 14.725 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 73.957 | 17.992 | 168.570 | 29133.760 | 33635.699 | 21.247 | 22872.275 |
| 34.324 | 1.015 | 14.724 | | | | | | |
| 1/8/2017 10:05:00 AM | 302700.000 | 73.959 | 17.993 | 168.574 | 29145.154 | 33648.797 | 21.256 | 22881.184 |
| 34.311 | 1.015 | 14.724 | | | | | | |
| 1/8/2017 10:10:00 AM | 303000.000 | 73.954 | 17.992 | 168.565 | 29151.674 | 33656.383 | 21.261 | 22886.342 |
| 34.303 | 1.015 | 14.723 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 73.931 | 17.993 | 168.511 | 29119.336 | 33618.723 | 21.235 | 22860.732 |
| 34.341 | 1.015 | 14.723 | | | | | | |
| 1/8/2017 10:20:00 AM | 303600.000 | 73.952 | 17.993 | 168.560 | 29140.934 | 33643.852 | 21.253 | 22877.818 |
| 34.316 | 1.015 | 14.723 | | | | | | |
| 1/8/2017 10:25:00 AM | 303900.000 | 73.949 | 17.992 | 168.552 | 29152.170 | 33657.344 | 21.262 | 22886.996 |
| 34.303 | 1.015 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 73.942 | 17.992 | 168.536 | 29142.281 | 33645.672 | 21.254 | 22879.057 |
| 34.314 | 1.015 | 14.722 | | | | | | |
| 1/8/2017 10:35:00 AM | 304500.000 | 73.944 | 17.992 | 168.542 | 29124.166 | 33624.816 | 21.239 | 22864.875 |
| 34.336 | 1.015 | 14.722 | | | | | | |
| 1/8/2017 10:40:00 AM | 304800.000 | 73.936 | 17.992 | 168.522 | 29143.600 | 33647.195 | 21.255 | 22880.094 |
| 34.313 | 1.015 | 14.721 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 73.937 | 17.993 | 168.524 | 29144.461 | 33647.863 | 21.256 | 22880.549 |
| 34.312 | 1.015 | 14.720 | | | | | | |
| 1/8/2017 10:50:00 AM | 305400.000 | 73.932 | 17.992 | 168.514 | 29129.410 | 33630.871 | 21.244 | 22868.994 |
| 34.330 | 1.015 | 14.721 | | | | | | |
| 1/8/2017 10:55:00 AM | 305700.000 | 73.934 | 17.992 | 168.518 | 29134.018 | 33636.000 | 21.247 | 22872.482 |
| 34.324 | 1.015 | 14.722 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 73.929 | 17.992 | 168.508 | 29116.920 | 33616.395 | 21.234 | 22859.150 |
| 34.344 | 1.015 | 14.724 | | | | | | |
| 1/8/2017 11:05:00 AM | 306300.000 | 73.910 | 17.993 | 168.463 | 29127.910 | 33628.301 | 21.242 | 22867.244 |
| 34.331 | 1.015 | 14.725 | | | | | | |
| 1/8/2017 11:10:00 AM | 306600.000 | 73.926 | 17.993 | 168.501 | 29146.359 | 33650.055 | 21.257 | 22882.039 |
| 34.310 | 1.015 | 14.727 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 73.911 | 17.992 | 168.466 | 29138.488 | 33641.551 | 21.251 | 22876.256 |
| 34.319 | 1.015 | 14.729 | | | | | | |
| 1/8/2017 11:20:00 AM | 307200.000 | 73.914 | 17.993 | 168.472 | 29126.861 | 33627.605 | 21.241 | 22866.771 |
| 34.333 | 1.015 | 14.724 | | | | | | |
| 1/8/2017 11:25:00 AM | 307500.000 | 73.909 | 17.992 | 168.461 | 29135.662 | 33637.898 | 21.249 | 22873.771 |
| 34.322 | 1.015 | 14.720 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 73.911 | 17.992 | 168.465 | 29146.908 | 33651.145 | 21.258 | 22882.779 |
| 34.309 | 1.015 | 14.715 | | | | | | |
| 1/8/2017 11:35:00 AM | 308100.000 | 73.913 | 17.992 | 168.471 | 29145.752 | 33649.680 | 21.257 | 22881.785 |
| 34.310 | 1.015 | 14.710 | | | | | | |
| 1/8/2017 11:40:00 AM | 308400.000 | 73.910 | 17.992 | 168.464 | 29140.908 | 33644.281 | 21.253 | 22878.113 |
| 34.316 | 1.015 | 14.705 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 73.911 | 17.992 | 168.467 | 29116.318 | 33615.633 | 21.233 | 22858.631 |
| 34.345 | 1.015 | 14.700 | | | | | | |
| 1/8/2017 11:50:00 AM | 309000.000 | 73.903 | 17.992 | 168.449 | 29123.285 | 33623.801 | 21.239 | 22864.188 |
| 34.337 | 1.015 | 14.703 | | | | | | |
| 1/8/2017 11:55:00 AM | 309300.000 | 73.880 | 17.992 | 168.396 | 29140.861 | 33644.035 | 21.253 | 22877.945 |
| 34.316 | 1.015 | 14.706 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 73.893 | 17.992 | 168.425 | 29139.861 | 33642.746 | 21.252 | 22877.070 |
| 34.317 | 1.015 | 14.709 | | | | | | |
| 1/8/2017 12:05:00 PM | 309900.000 | 73.885 | 17.992 | 168.407 | 29130.918 | 33632.488 | 21.245 | 22870.092 |
| 34.328 | 1.015 | 14.709 | | | | | | |
| 1/8/2017 12:10:00 PM | 310200.000 | 73.885 | 17.993 | 168.406 | 29141.180 | 33644.137 | 21.253 | 22878.016 |
| 34.316 | 1.015 | 14.710 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 73.877 | 17.992 | 168.387 | 29125.490 | 33626.289 | 21.240 | 22865.877 |
| 34.334 | 1.015 | 14.710 | | | | | | |
| 1/8/2017 12:20:00 PM | 310800.000 | 73.860 | 17.992 | 168.349 | 29119.201 | 33618.895 | 21.235 | 22860.850 |
| 34.342 | 1.015 | 14.707 | | | | | | |
| 1/8/2017 12:25:00 PM | 311100.000 | 73.864 | 17.993 | 168.359 | 29130.354 | 33631.520 | 21.244 | 22869.434 |
| 34.328 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 73.854 | 17.993 | 168.335 | 29140.680 | 33643.441 | 21.252 | 22877.543 |
| 34.316 | 1.015 | 14.701 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/8/2017 12:35:00 PM | 311700.000 | 73.876 | 17.992 | 168.386 | 29128.146 | 33629.219 | 21.243 | 22867.871 |
| 34.331 | 1.015 | 14.700 | | | | | | |
| 1/8/2017 12:40:00 PM | 312000.000 | 73.869 | 17.992 | 168.370 | 29129.916 | 33631.594 | 21.244 | 22869.486 |
| 34.329 | 1.015 | 14.698 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 73.864 | 17.993 | 168.359 | 29118.975 | 33618.574 | 21.235 | 22860.633 |
| 34.342 | 1.015 | 14.697 | | | | | | |
| 1/8/2017 12:50:00 PM | 312600.000 | 73.864 | 17.993 | 168.359 | 29136.164 | 33638.281 | 21.249 | 22874.033 |
| 34.322 | 1.015 | 14.698 | | | | | | |
| 1/8/2017 12:55:00 PM | 312900.000 | 73.863 | 17.993 | 168.356 | 29112.609 | 33611.090 | 21.230 | 22855.541 |
| 34.349 | 1.015 | 14.699 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 73.857 | 17.992 | 168.342 | 29129.646 | 33631.215 | 21.244 | 22869.229 |
| 34.329 | 1.015 | 14.701 | | | | | | |
| 1/8/2017 1:05:00 PM | 313500.000 | 73.858 | 17.992 | 168.345 | 29145.568 | 33649.469 | 21.257 | 22881.639 |
| 34.311 | 1.015 | 14.697 | | | | | | |
| 1/8/2017 1:10:00 PM | 313800.000 | 73.857 | 17.992 | 168.344 | 29133.012 | 33635.031 | 21.247 | 22871.824 |
| 34.325 | 1.015 | 14.694 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 73.858 | 17.993 | 168.345 | 29133.383 | 33635.207 | 21.247 | 22871.943 |
| 34.325 | 1.015 | 14.690 | | | | | | |
| 1/8/2017 1:20:00 PM | 314400.000 | 73.854 | 17.992 | 168.335 | 29125.627 | 33626.313 | 21.241 | 22865.895 |
| 34.334 | 1.015 | 14.690 | | | | | | |
| 1/8/2017 1:25:00 PM | 314700.000 | 73.828 | 17.992 | 168.276 | 29133.330 | 33635.793 | 21.247 | 22872.342 |
| 34.325 | 1.015 | 14.689 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 73.824 | 17.992 | 168.268 | 29126.313 | 33627.297 | 21.241 | 22866.564 |
| 34.333 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 1:35:00 PM | 315300.000 | 73.828 | 17.992 | 168.276 | 29131.828 | 33633.734 | 21.246 | 22870.941 |
| 34.327 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 1:40:00 PM | 315600.000 | 73.839 | 17.992 | 168.301 | 29142.279 | 33645.539 | 21.254 | 22878.967 |
| 34.314 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 73.839 | 17.992 | 168.301 | 29128.201 | 33629.285 | 21.243 | 22867.914 |
| 34.331 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 1:50:00 PM | 316200.000 | 73.831 | 17.992 | 168.285 | 29127.543 | 33628.715 | 21.242 | 22867.527 |
| 34.332 | 1.015 | 14.686 | | | | | | |
| 1/8/2017 1:55:00 PM | 316500.000 | 73.833 | 17.992 | 168.288 | 29126.814 | 33627.945 | 21.242 | 22867.004 |
| 34.333 | 1.015 | 14.684 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 73.825 | 17.993 | 168.271 | 29132.662 | 33634.238 | 21.246 | 22871.285 |
| 34.326 | 1.015 | 14.683 | | | | | | |
| 1/8/2017 2:05:00 PM | 317100.000 | 73.823 | 17.992 | 168.266 | 29149.574 | 33654.152 | 21.260 | 22884.824 |
| 34.306 | 1.015 | 14.681 | | | | | | |
| 1/8/2017 2:10:00 PM | 317400.000 | 73.825 | 17.993 | 168.269 | 29121.387 | 33621.223 | 21.237 | 22862.432 |
| 34.339 | 1.015 | 14.678 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 73.830 | 17.992 | 168.281 | 29135.219 | 33637.715 | 21.248 | 22873.648 |
| 34.323 | 1.015 | 14.676 | | | | | | |
| 1/8/2017 2:20:00 PM | 318000.000 | 73.823 | 17.992 | 168.265 | 29127.047 | 33628.281 | 21.242 | 22867.232 |
| 34.332 | 1.015 | 14.679 | | | | | | |
| 1/8/2017 2:25:00 PM | 318300.000 | 73.818 | 17.993 | 168.254 | 29134.918 | 33636.844 | 21.248 | 22873.057 |
| 34.323 | 1.015 | 14.682 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 73.812 | 17.992 | 168.240 | 29148.625 | 33653.320 | 21.259 | 22884.258 |
| 34.307 | 1.015 | 14.685 | | | | | | |
| 1/8/2017 2:35:00 PM | 318900.000 | 73.813 | 17.992 | 168.243 | 29126.221 | 33627.262 | 21.241 | 22866.541 |
| 34.333 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 2:40:00 PM | 319200.000 | 73.810 | 17.992 | 168.235 | 29132.291 | 33634.270 | 21.246 | 22871.303 |
| 34.326 | 1.015 | 14.691 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 73.805 | 17.992 | 168.225 | 29137.213 | 33639.820 | 21.250 | 22875.080 |
| 34.320 | 1.015 | 14.694 | | | | | | |
| 1/8/2017 2:50:00 PM | 319800.000 | 73.807 | 17.992 | 168.230 | 29126.492 | 33627.445 | 21.241 | 22866.662 |
| 34.333 | 1.015 | 14.691 | | | | | | |
| 1/8/2017 2:55:00 PM | 320100.000 | 73.808 | 17.992 | 168.231 | 29133.717 | 33636.164 | 21.247 | 22872.594 |
| 34.324 | 1.015 | 14.687 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 73.787 | 17.993 | 168.184 | 29139.537 | 33642.238 | 21.252 | 22876.725 |
| 34.318 | 1.015 | 14.684 | | | | | | |
| 1/8/2017 3:05:00 PM | 320700.000 | 73.804 | 17.993 | 168.223 | 29133.336 | 33634.887 | 21.246 | 22871.723 |
| 34.325 | 1.015 | 14.685 | | | | | | |
| 1/8/2017 3:10:00 PM | 321000.000 | 73.808 | 17.993 | 168.231 | 29141.844 | 33644.902 | 21.253 | 22878.535 |
| 34.315 | 1.015 | 14.686 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 73.800 | 17.992 | 168.213 | 29136.348 | 33638.883 | 21.249 | 22874.443 |
| 34.321 | 1.015 | 14.686 | | | | | | |
| 1/8/2017 3:20:00 PM | 321600.000 | 73.801 | 17.992 | 168.215 | 29141.377 | 33644.824 | 21.253 | 22878.480 |
| 34.315 | 1.015 | 14.685 | | | | | | |
| 1/8/2017 3:25:00 PM | 321900.000 | 73.805 | 17.992 | 168.224 | 29128.820 | 33630.457 | 21.243 | 22868.711 |
| 34.330 | 1.015 | 14.684 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 73.805 | 17.992 | 168.225 | 29140.287 | 33643.305 | 21.252 | 22877.449 |
| 34.317 | 1.015 | 14.683 | | | | | | |
| 1/8/2017 3:35:00 PM | 322500.000 | 73.785 | 17.992 | 168.180 | 29142.086 | 33645.578 | 21.254 | 22878.996 |
| 34.315 | 1.015 | 14.685 | | | | | | |
| 1/8/2017 3:40:00 PM | 322800.000 | 73.800 | 17.992 | 168.212 | 29133.154 | 33635.137 | 21.247 | 22871.893 |
| 34.325 | 1.015 | 14.687 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 73.803 | 17.992 | 168.219 | 29128.457 | 33629.906 | 21.243 | 22868.338 |
| 34.331 | 1.015 | 14.689 | | | | | | |
| 1/8/2017 3:50:00 PM | 323400.000 | 73.802 | 17.992 | 168.217 | 29117.820 | 33617.434 | 21.234 | 22859.855 |
| 34.343 | 1.015 | 14.690 | | | | | | |
| 1/8/2017 3:55:00 PM | 323700.000 | 73.779 | 17.992 | 168.166 | 29125.629 | 33626.828 | 21.241 | 22866.246 |
| 34.334 | 1.015 | 14.690 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 73.802 | 17.992 | 168.218 | 29135.121 | 33637.535 | 21.248 | 22873.523 |
| 34.323 | 1.015 | 14.691 | | | | | | |
| 1/8/2017 4:05:00 PM | 324300.000 | 73.795 | 17.992 | 168.203 | 29123.396 | 33623.805 | 21.239 | 22864.189 |
| 34.337 | 1.015 | 14.692 | | | | | | |
| 1/8/2017 4:10:00 PM | 324600.000 | 73.793 | 17.992 | 168.197 | 29128.775 | 33630.273 | 21.243 | 22868.588 |
| 34.330 | 1.015 | 14.693 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 73.793 | 17.992 | 168.197 | 29125.584 | 33626.395 | 21.241 | 22865.949 |
| 34.334 | 1.015 | 14.695 | | | | | | |
| 1/8/2017 4:20:00 PM | 325200.000 | 73.797 | 17.992 | 168.206 | 29130.422 | 33632.109 | 21.245 | 22869.834 |
| 34.328 | 1.015 | 14.692 | | | | | | |
| 1/8/2017 4:25:00 PM | 325500.000 | 73.773 | 17.992 | 168.152 | 29133.426 | 33635.578 | 21.247 | 22872.193 |
| 34.325 | 1.015 | 14.689 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 73.795 | 17.992 | 168.201 | 29128.146 | 33629.219 | 21.243 | 22867.871 |
| 34.331 | 1.015 | 14.686 | | | | | | |
| 1/8/2017 4:35:00 PM | 326100.000 | 73.798 | 17.992 | 168.209 | 29137.895 | 33640.477 | 21.250 | 22875.525 |
| 34.320 | 1.015 | 14.685 | | | | | | |
| 1/8/2017 4:40:00 PM | 326400.000 | 73.777 | 17.993 | 168.161 | 29125.900 | 33626.180 | 21.240 | 22865.805 |
| 34.334 | 1.015 | 14.685 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 73.800 | 17.992 | 168.214 | 29127.342 | 33628.805 | 21.242 | 22867.588 |
| 34.332 | 1.015 | 14.684 | | | | | | |
| 1/8/2017 4:50:00 PM | 327000.000 | 73.802 | 17.992 | 168.219 | 29147.797 | 33652.234 | 21.259 | 22883.520 |
| 34.308 | 1.015 | 14.685 | | | | | | |
| 1/8/2017 4:55:00 PM | 327300.000 | 73.800 | 17.992 | 168.213 | 29125.764 | 33626.605 | 21.241 | 22866.092 |
| 34.334 | 1.015 | 14.686 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 73.804 | 17.992 | 168.223 | 29146.621 | 33650.617 | 21.257 | 22882.422 |
| 34.309 | 1.015 | 14.687 | | | | | | |
| 1/8/2017 5:05:00 PM | 327900.000 | 73.804 | 17.992 | 168.222 | 29132.512 | 33634.523 | 21.246 | 22871.477 |
| 34.326 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 5:10:00 PM | 328200.000 | 73.810 | 17.992 | 168.236 | 29126.295 | 33627.410 | 21.241 | 22866.641 |
| 34.333 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 73.809 | 17.992 | 168.233 | 29126.344 | 33627.527 | 21.241 | 22866.721 |
| 34.333 | 1.015 | 14.689 | | | | | | |
| 1/8/2017 5:20:00 PM | 328800.000 | 73.802 | 17.993 | 168.218 | 29127.172 | 33628.039 | 21.242 | 22867.066 |
| 34.332 | 1.015 | 14.690 | | | | | | |
| 1/8/2017 5:25:00 PM | 329100.000 | 73.806 | 17.993 | 168.227 | 29138.078 | 33640.629 | 21.250 | 22875.627 |
| 34.319 | 1.015 | 14.692 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 73.808 | 17.992 | 168.230 | 29138.307 | 33641.215 | 21.251 | 22876.025 |
| 34.319 | 1.015 | 14.693 | | | | | | |
| 1/8/2017 5:35:00 PM | 329700.000 | 73.810 | 17.993 | 168.235 | 29131.326 | 33632.758 | 21.245 | 22870.277 |
| 34.327 | 1.015 | 14.691 | | | | | | |
| 1/8/2017 5:40:00 PM | 330000.000 | 73.817 | 17.992 | 168.252 | 29139.682 | 33643.188 | 21.252 | 22877.369 |
| 34.317 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 73.822 | 17.992 | 168.263 | 29128.045 | 33629.238 | 21.243 | 22867.883 |
| 34.331 | 1.015 | 14.686 | | | | | | |
| 1/8/2017 5:50:00 PM | 330600.000 | 73.818 | 17.992 | 168.253 | 29144.018 | 33647.934 | 21.256 | 22880.596 |
| 34.312 | 1.015 | 14.687 | | | | | | |
| 1/8/2017 5:55:00 PM | 330900.000 | 73.816 | 17.993 | 168.250 | 29142.600 | 33645.711 | 21.254 | 22879.086 |
| 34.314 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 73.818 | 17.992 | 168.254 | 29139.129 | 33642.035 | 21.251 | 22876.586 |
| 34.318 | 1.015 | 14.689 | | | | | | |
| 1/8/2017 6:05:00 PM | 331500.000 | 73.816 | 17.992 | 168.248 | 29130.141 | 33631.852 | 21.244 | 22869.662 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.329 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 6:10:00 PM | 331800.000 | 73.826 | 17.992 | 168.273 | 29125.125 | 33626.191 | 21.240 | 22865.813 |
| 34.335 | 1.015 | 14.688 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 73.804 | 17.993 | 168.223 | 29119.623 | 33619.250 | 21.236 | 22861.092 |
| 34.341 | 1.015 | 14.687 | | | | | | |
| 1/8/2017 6:20:00 PM | 332400.000 | 73.823 | 17.992 | 168.266 | 29125.125 | 33625.867 | 21.240 | 22865.592 |
| 34.335 | 1.015 | 14.690 | | | | | | |
| 1/8/2017 6:25:00 PM | 332700.000 | 73.825 | 17.992 | 168.269 | 29138.719 | 33641.492 | 21.251 | 22876.215 |
| 34.319 | 1.015 | 14.693 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 73.827 | 17.992 | 168.274 | 29141.920 | 33645.512 | 21.254 | 22878.947 |
| 34.315 | 1.015 | 14.696 | | | | | | |
| 1/8/2017 6:35:00 PM | 333300.000 | 73.821 | 17.992 | 168.262 | 29138.852 | 33641.715 | 21.251 | 22876.367 |
| 34.318 | 1.015 | 14.698 | | | | | | |
| 1/8/2017 6:40:00 PM | 333600.000 | 73.829 | 17.992 | 168.278 | 29129.453 | 33630.863 | 21.244 | 22868.988 |
| 34.330 | 1.015 | 14.701 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 73.833 | 17.993 | 168.287 | 29135.152 | 33637.113 | 21.248 | 22873.238 |
| 34.323 | 1.015 | 14.703 | | | | | | |
| 1/8/2017 6:50:00 PM | 334200.000 | 73.826 | 17.992 | 168.272 | 29138.717 | 33641.559 | 21.251 | 22876.262 |
| 34.319 | 1.015 | 14.703 | | | | | | |
| 1/8/2017 6:55:00 PM | 334500.000 | 73.811 | 17.992 | 168.237 | 29143.055 | 33646.695 | 21.255 | 22879.756 |
| 34.313 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 73.834 | 17.992 | 168.290 | 29138.217 | 33640.914 | 21.251 | 22875.824 |
| 34.319 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 7:05:00 PM | 335100.000 | 73.834 | 17.992 | 168.290 | 29130.234 | 33631.766 | 21.244 | 22869.602 |
| 34.329 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 7:10:00 PM | 335400.000 | 73.833 | 17.992 | 168.288 | 29135.248 | 33637.555 | 21.248 | 22873.539 |
| 34.323 | 1.015 | 14.703 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 73.843 | 17.992 | 168.311 | 29127.408 | 33628.695 | 21.242 | 22867.516 |
| 34.332 | 1.015 | 14.702 | | | | | | |
| 1/8/2017 7:20:00 PM | 336000.000 | 73.843 | 17.993 | 168.310 | 29138.313 | 33640.824 | 21.251 | 22875.762 |
| 34.319 | 1.015 | 14.703 | | | | | | |
| 1/8/2017 7:25:00 PM | 336300.000 | 73.843 | 17.992 | 168.310 | 29143.090 | 33646.738 | 21.255 | 22879.783 |
| 34.313 | 1.015 | 14.703 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 73.845 | 17.993 | 168.315 | 29129.824 | 33631.027 | 21.244 | 22869.100 |
| 34.329 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 7:35:00 PM | 336900.000 | 73.845 | 17.992 | 168.316 | 29136.023 | 33638.828 | 21.249 | 22874.404 |
| 34.322 | 1.015 | 14.706 | | | | | | |
| 1/8/2017 7:40:00 PM | 337200.000 | 73.851 | 17.992 | 168.328 | 29134.156 | 33636.227 | 21.247 | 22872.637 |
| 34.324 | 1.015 | 14.709 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 73.845 | 17.992 | 168.316 | 29142.297 | 33645.750 | 21.254 | 22879.109 |
| 34.314 | 1.015 | 14.711 | | | | | | |
| 1/8/2017 7:50:00 PM | 337800.000 | 73.851 | 17.993 | 168.329 | 29138.830 | 33641.496 | 21.251 | 22876.219 |
| 34.318 | 1.015 | 14.708 | | | | | | |
| 1/8/2017 7:55:00 PM | 338100.000 | 73.839 | 17.992 | 168.301 | 29139.035 | 33642.121 | 21.251 | 22876.645 |
| 34.318 | 1.015 | 14.705 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 73.861 | 17.992 | 168.351 | 29131.010 | 33632.789 | 21.245 | 22870.299 |
| 34.328 | 1.015 | 14.702 | | | | | | |
| 1/8/2017 8:05:00 PM | 338700.000 | 73.844 | 17.993 | 168.314 | 29126.994 | 33627.832 | 21.242 | 22866.926 |
| 34.332 | 1.015 | 14.703 | | | | | | |
| 1/8/2017 8:10:00 PM | 339000.000 | 73.864 | 17.993 | 168.358 | 29136.027 | 33638.188 | 21.249 | 22873.969 |
| 34.322 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 73.843 | 17.992 | 168.310 | 29134.510 | 33637.082 | 21.248 | 22873.219 |
| 34.324 | 1.015 | 14.705 | | | | | | |
| 1/8/2017 8:20:00 PM | 339600.000 | 73.839 | 17.992 | 168.303 | 29134.568 | 33636.965 | 21.248 | 22873.139 |
| 34.323 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 8:25:00 PM | 339900.000 | 73.860 | 17.992 | 168.351 | 29143.559 | 33647.082 | 21.255 | 22880.016 |
| 34.313 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 73.844 | 17.993 | 168.312 | 29127.543 | 33628.199 | 21.242 | 22867.176 |
| 34.332 | 1.015 | 14.703 | | | | | | |
| 1/8/2017 8:35:00 PM | 340500.000 | 73.866 | 17.993 | 168.363 | 29149.529 | 33653.777 | 21.260 | 22884.568 |
| 34.306 | 1.015 | 14.704 | | | | | | |
| 1/8/2017 8:40:00 PM | 340800.000 | 73.865 | 17.992 | 168.361 | 29144.191 | 33647.879 | 21.256 | 22880.561 |
| 34.312 | 1.015 | 14.705 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 73.864 | 17.992 | 168.359 | 29128.820 | 33630.328 | 21.243 | 22868.623 |
| 34.330 | 1.015 | 14.706 | | | | | | |
| 1/8/2017 8:50:00 PM | 341400.000 | 73.862 | 17.993 | 168.353 | 29147.016 | 33650.754 | 21.258 | 22882.516 |
| 34.309 | 1.015 | 14.707 | | | | | | |
| 1/8/2017 8:55:00 PM | 341700.000 | 73.865 | 17.993 | 168.362 | 29128.682 | 33629.645 | 21.243 | 22868.158 |
| 34.330 | 1.015 | 14.708 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 73.850 | 17.992 | 168.328 | 29150.639 | 33655.453 | 21.261 | 22885.709 |
| 34.305 | 1.015 | 14.710 | | | | | | |
| 1/8/2017 9:05:00 PM | 342300.000 | 73.852 | 17.993 | 168.332 | 29128.729 | 33629.699 | 21.243 | 22868.197 |
| 34.330 | 1.015 | 14.711 | | | | | | |
| 1/8/2017 9:10:00 PM | 342600.000 | 73.870 | 17.992 | 168.372 | 29130.508 | 33632.336 | 21.245 | 22869.990 |
| 34.328 | 1.015 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 73.868 | 17.992 | 168.368 | 29143.689 | 33647.555 | 21.255 | 22880.338 |
| 34.313 | 1.015 | 14.715 | | | | | | |
| 1/8/2017 9:20:00 PM | 343200.000 | 73.865 | 17.992 | 168.362 | 29128.678 | 33630.223 | 21.243 | 22868.551 |
| 34.330 | 1.015 | 14.715 | | | | | | |
| 1/8/2017 9:25:00 PM | 343500.000 | 73.865 | 17.992 | 168.361 | 29131.508 | 33633.430 | 21.245 | 22870.732 |
| 34.327 | 1.015 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 73.850 | 17.992 | 168.328 | 29131.053 | 33632.645 | 21.245 | 22870.201 |
| 34.328 | 1.015 | 14.714 | | | | | | |
| 1/8/2017 9:35:00 PM | 344100.000 | 73.869 | 17.992 | 168.371 | 29141.186 | 33644.863 | 21.253 | 22878.510 |
| 34.316 | 1.015 | 14.716 | | | | | | |
| 1/8/2017 9:40:00 PM | 344400.000 | 73.864 | 17.992 | 168.360 | 29135.172 | 33637.660 | 21.248 | 22873.609 |
| 34.323 | 1.015 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 73.852 | 17.992 | 168.331 | 29123.844 | 33624.582 | 21.239 | 22864.717 |
| 34.336 | 1.015 | 14.718 | | | | | | |
| 1/8/2017 9:50:00 PM | 345000.000 | 73.848 | 17.992 | 168.322 | 29132.238 | 33634.078 | 21.246 | 22871.176 |
| 34.326 | 1.015 | 14.718 | | | | | | |
| 1/8/2017 9:55:00 PM | 345300.000 | 73.871 | 17.992 | 168.374 | 29136.980 | 33639.613 | 21.250 | 22874.939 |
| 34.321 | 1.015 | 14.717 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 73.864 | 17.992 | 168.358 | 29126.314 | 33627.563 | 21.241 | 22866.742 |
| 34.333 | 1.015 | 14.717 | | | | | | |
| 1/8/2017 10:05:00 PM | 345900.000 | 73.871 | 17.992 | 168.374 | 29133.887 | 33636.176 | 21.247 | 22872.600 |
| 34.324 | 1.015 | 14.717 | | | | | | |
| 1/8/2017 10:10:00 PM | 346200.000 | 73.877 | 17.992 | 168.389 | 29131.910 | 33633.758 | 21.246 | 22870.957 |
| 34.327 | 1.015 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 73.868 | 17.991 | 168.368 | 29136.797 | 33639.922 | 21.250 | 22875.146 |
| 34.321 | 1.015 | 14.717 | | | | | | |
| 1/8/2017 10:20:00 PM | 346800.000 | 73.870 | 17.992 | 168.374 | 29142.389 | 33645.992 | 21.254 | 22879.275 |
| 34.314 | 1.015 | 14.719 | | | | | | |
| 1/8/2017 10:25:00 PM | 347100.000 | 73.871 | 17.992 | 168.376 | 29144.008 | 33647.531 | 21.255 | 22880.324 |
| 34.312 | 1.015 | 14.720 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 73.872 | 17.992 | 168.377 | 29145.842 | 33649.648 | 21.257 | 22881.764 |
| 34.310 | 1.015 | 14.722 | | | | | | |
| 1/8/2017 10:35:00 PM | 347700.000 | 73.868 | 17.993 | 168.368 | 29140.225 | 33642.969 | 21.252 | 22877.221 |
| 34.317 | 1.015 | 14.720 | | | | | | |
| 1/8/2017 10:40:00 PM | 348000.000 | 73.874 | 17.993 | 168.381 | 29126.584 | 33627.094 | 21.241 | 22866.424 |
| 34.333 | 1.015 | 14.718 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 73.869 | 17.992 | 168.371 | 29136.621 | 33639.141 | 21.249 | 22874.617 |
| 34.321 | 1.015 | 14.716 | | | | | | |
| 1/8/2017 10:50:00 PM | 348600.000 | 73.876 | 17.992 | 168.386 | 29140.768 | 33644.121 | 21.253 | 22878.002 |
| 34.316 | 1.015 | 14.717 | | | | | | |
| 1/8/2017 10:55:00 PM | 348900.000 | 73.872 | 17.991 | 168.378 | 29124.350 | 33625.617 | 21.240 | 22865.422 |
| 34.336 | 1.015 | 14.718 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 73.850 | 17.992 | 168.328 | 29135.980 | 33638.527 | 21.249 | 22874.201 |
| 34.322 | 1.015 | 14.719 | | | | | | |
| 1/8/2017 11:05:00 PM | 349500.000 | 73.870 | 17.993 | 168.373 | 29141.279 | 33644.059 | 21.253 | 22877.963 |
| 34.316 | 1.015 | 14.719 | | | | | | |
| 1/8/2017 11:10:00 PM | 349800.000 | 73.851 | 17.992 | 168.328 | 29131.146 | 33632.949 | 21.245 | 22870.406 |
| 34.328 | 1.015 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 73.876 | 17.992 | 168.385 | 29143.445 | 33647.148 | 21.255 | 22880.063 |
| 34.313 | 1.015 | 14.719 | | | | | | |
| 1/8/2017 11:20:00 PM | 350400.000 | 73.869 | 17.992 | 168.370 | 29123.348 | 33623.813 | 21.239 | 22864.195 |
| 34.337 | 1.015 | 14.721 | | | | | | |
| 1/8/2017 11:25:00 PM | 350700.000 | 73.872 | 17.992 | 168.376 | 29132.063 | 33634.070 | 21.246 | 22871.168 |
| 34.326 | 1.015 | 14.723 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 73.847 | 17.992 | 168.321 | 29128.148 | 33629.414 | 21.243 | 22868.004 |
| 34.331 | 1.015 | 14.725 | | | | | | |
| 1/8/2017 11:35:00 PM | 351300.000 | 73.862 | 17.992 | 168.354 | 29130.598 | 33632.184 | 21.245 | 22869.887 |
| 34.328 | 1.015 | 14.726 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/8/2017 11:40:00 PM | 351600.000 | 73.863 | 17.992 | 168.357 | 29136.980 | 33639.934 | 21.250 | 22875.154 |
| 34.321 | 1.015 | 14.727 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 73.860 | 17.993 | 168.351 | 29122.750 | 33622.797 | 21.238 | 22863.502 |
| 34.337 | 1.015 | 14.728 | | | | | | |
| 1/8/2017 11:50:00 PM | 352200.000 | 73.863 | 17.992 | 168.355 | 29146.439 | 33650.473 | 21.257 | 22882.324 |
| 34.310 | 1.015 | 14.730 | | | | | | |
| 1/8/2017 11:55:00 PM | 352500.000 | 73.859 | 17.992 | 168.347 | 29137.119 | 33639.969 | 21.250 | 22875.182 |
| 34.320 | 1.015 | 14.732 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 73.844 | 17.992 | 168.313 | 29132.334 | 33634.055 | 21.246 | 22871.158 |
| 34.326 | 1.015 | 14.733 | | | | | | |
| 1/9/2017 12:05:00 AM | 353100.000 | 73.865 | 17.993 | 168.362 | 29130.857 | 33632.293 | 21.245 | 22869.961 |
| 34.328 | 1.015 | 14.732 | | | | | | |
| 1/9/2017 12:10:00 AM | 353400.000 | 73.865 | 17.992 | 168.362 | 29131.281 | 33633.227 | 21.245 | 22870.594 |
| 34.327 | 1.015 | 14.730 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 73.864 | 17.992 | 168.359 | 29127.588 | 33628.574 | 21.242 | 22867.434 |
| 34.332 | 1.015 | 14.728 | | | | | | |
| 1/9/2017 12:20:00 AM | 354000.000 | 73.864 | 17.992 | 168.359 | 29148.619 | 33652.855 | 21.259 | 22883.941 |
| 34.307 | 1.015 | 14.728 | | | | | | |
| 1/9/2017 12:25:00 AM | 354300.000 | 73.868 | 17.992 | 168.369 | 29116.375 | 33615.820 | 21.233 | 22858.760 |
| 34.345 | 1.015 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 73.868 | 17.992 | 168.369 | 29133.611 | 33635.793 | 21.247 | 22872.342 |
| 34.325 | 1.015 | 14.727 | | | | | | |
| 1/9/2017 12:35:00 AM | 354900.000 | 73.862 | 17.993 | 168.354 | 29128.551 | 33629.629 | 21.243 | 22868.148 |
| 34.331 | 1.015 | 14.725 | | | | | | |
| 1/9/2017 12:40:00 AM | 355200.000 | 73.862 | 17.992 | 168.354 | 29149.486 | 33653.859 | 21.260 | 22884.627 |
| 34.306 | 1.015 | 14.722 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 73.865 | 17.993 | 168.361 | 29134.705 | 33636.598 | 21.248 | 22872.889 |
| 34.323 | 1.015 | 14.720 | | | | | | |
| 1/9/2017 12:50:00 AM | 355800.000 | 73.842 | 17.992 | 168.310 | 29131.459 | 33633.180 | 21.245 | 22870.564 |
| 34.327 | 1.015 | 14.720 | | | | | | |
| 1/9/2017 12:55:00 AM | 356100.000 | 73.844 | 17.992 | 168.314 | 29135.268 | 33637.508 | 21.248 | 22873.506 |
| 34.323 | 1.015 | 14.721 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 73.858 | 17.992 | 168.345 | 29153.506 | 33658.828 | 21.263 | 22888.004 |
| 34.301 | 1.015 | 14.721 | | | | | | |
| 1/9/2017 1:05:00 AM | 356700.000 | 73.860 | 17.992 | 168.349 | 29122.574 | 33623.117 | 21.238 | 22863.723 |
| 34.338 | 1.015 | 14.721 | | | | | | |
| 1/9/2017 1:10:00 AM | 357000.000 | 73.858 | 17.992 | 168.346 | 29133.607 | 33635.789 | 21.247 | 22872.338 |
| 34.325 | 1.015 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 73.858 | 17.992 | 168.346 | 29129.590 | 33631.078 | 21.244 | 22869.133 |
| 34.329 | 1.015 | 14.721 | | | | | | |
| 1/9/2017 1:20:00 AM | 357600.000 | 73.856 | 17.992 | 168.341 | 29123.396 | 33623.805 | 21.239 | 22864.189 |
| 34.337 | 1.015 | 14.721 | | | | | | |
| 1/9/2017 1:25:00 AM | 357900.000 | 73.859 | 17.992 | 168.348 | 29127.129 | 33628.238 | 21.242 | 22867.205 |
| 34.332 | 1.015 | 14.722 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 73.857 | 17.992 | 168.343 | 29129.912 | 33631.449 | 21.244 | 22869.387 |
| 34.329 | 1.015 | 14.722 | | | | | | |
| 1/9/2017 1:35:00 AM | 358500.000 | 73.860 | 17.992 | 168.350 | 29130.188 | 33631.645 | 21.244 | 22869.518 |
| 34.329 | 1.015 | 14.718 | | | | | | |
| 1/9/2017 1:40:00 AM | 358800.000 | 73.844 | 17.992 | 168.313 | 29128.455 | 33630.090 | 21.243 | 22868.461 |
| 34.331 | 1.015 | 14.714 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 73.868 | 17.992 | 168.368 | 29129.902 | 33631.246 | 21.244 | 22869.250 |
| 34.329 | 1.015 | 14.710 | | | | | | |
| 1/9/2017 1:50:00 AM | 359400.000 | 73.871 | 17.992 | 168.374 | 29136.367 | 33639.168 | 21.249 | 22874.635 |
| 34.321 | 1.015 | 14.714 | | | | | | |
| 1/9/2017 1:55:00 AM | 359700.000 | 73.867 | 17.992 | 168.366 | 29126.992 | 33627.953 | 21.242 | 22867.008 |
| 34.332 | 1.015 | 14.718 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 73.860 | 17.992 | 168.349 | 29128.223 | 33629.309 | 21.243 | 22867.932 |
| 34.331 | 1.015 | 14.722 | | | | | | |
| 1/9/2017 2:05:00 AM | 360300.000 | 73.862 | 17.992 | 168.355 | 29139.496 | 33642.516 | 21.252 | 22876.912 |
| 34.318 | 1.015 | 14.723 | | | | | | |
| 1/9/2017 2:10:00 AM | 360600.000 | 73.869 | 17.992 | 168.370 | 29131.604 | 33633.477 | 21.245 | 22870.766 |
| 34.327 | 1.015 | 14.723 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 73.869 | 17.993 | 168.370 | 29135.816 | 33637.883 | 21.249 | 22873.760 |
| 34.322 | 1.015 | 14.723 | | | | | | |
| 1/9/2017 2:20:00 AM | 361200.000 | 73.867 | 17.993 | 168.365 | 29117.420 | 33616.703 | 21.234 | 22859.357 |
| 34.344 | 1.015 | 14.727 | | | | | | |
| 1/9/2017 2:25:00 AM | 361500.000 | 73.865 | 17.992 | 168.360 | 29128.910 | 33630.293 | 21.243 | 22868.602 |
| 34.330 | 1.015 | 14.732 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 73.858 | 17.993 | 168.346 | 29120.748 | 33620.355 | 21.236 | 22861.844 |
| 34.340 | 1.015 | 14.736 | | | | | | |
| 1/9/2017 2:35:00 AM | 362100.000 | 73.857 | 17.992 | 168.342 | 29126.395 | 33627.586 | 21.241 | 22866.758 |
| 34.333 | 1.015 | 14.737 | | | | | | |
| 1/9/2017 2:40:00 AM | 362400.000 | 73.863 | 17.992 | 168.355 | 29133.201 | 33635.320 | 21.247 | 22872.020 |
| 34.325 | 1.015 | 14.738 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 73.862 | 17.992 | 168.354 | 29139.531 | 33642.824 | 21.252 | 22877.123 |
| 34.318 | 1.015 | 14.740 | | | | | | |
| 1/9/2017 2:50:00 AM | 363000.000 | 73.868 | 17.992 | 168.367 | 29140.934 | 33644.117 | 21.253 | 22878.000 |
| 34.316 | 1.015 | 14.739 | | | | | | |
| 1/9/2017 2:55:00 AM | 363300.000 | 73.865 | 17.992 | 168.361 | 29132.105 | 33633.984 | 21.246 | 22871.111 |
| 34.326 | 1.015 | 14.739 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 73.871 | 17.992 | 168.375 | 29140.861 | 33644.094 | 21.253 | 22877.984 |
| 34.316 | 1.015 | 14.739 | | | | | | |
| 1/9/2017 3:05:00 AM | 363900.000 | 73.869 | 17.993 | 168.371 | 29137.764 | 33640.266 | 21.250 | 22875.381 |
| 34.320 | 1.015 | 14.741 | | | | | | |
| 1/9/2017 3:10:00 AM | 364200.000 | 73.869 | 17.992 | 168.370 | 29134.795 | 33637.285 | 21.248 | 22873.354 |
| 34.323 | 1.015 | 14.744 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 73.864 | 17.992 | 168.359 | 29126.131 | 33627.086 | 21.241 | 22866.418 |
| 34.333 | 1.015 | 14.746 | | | | | | |
| 1/9/2017 3:20:00 AM | 364800.000 | 73.870 | 17.992 | 168.372 | 29134.520 | 33636.578 | 21.248 | 22872.873 |
| 34.324 | 1.015 | 14.743 | | | | | | |
| 1/9/2017 3:25:00 AM | 365100.000 | 73.873 | 17.992 | 168.379 | 29144.645 | 33648.461 | 21.256 | 22880.955 |
| 34.312 | 1.015 | 14.740 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 73.880 | 17.992 | 168.394 | 29130.607 | 33632.391 | 21.245 | 22870.025 |
| 34.328 | 1.015 | 14.738 | | | | | | |
| 1/9/2017 3:35:00 AM | 365700.000 | 73.884 | 17.992 | 168.405 | 29125.340 | 33626.172 | 21.240 | 22865.797 |
| 34.334 | 1.015 | 14.738 | | | | | | |
| 1/9/2017 3:40:00 AM | 366000.000 | 73.884 | 17.992 | 168.404 | 29146.607 | 33650.797 | 21.258 | 22882.543 |
| 34.309 | 1.015 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 73.885 | 17.992 | 168.407 | 29143.463 | 33647.234 | 21.255 | 22880.119 |
| 34.313 | 1.015 | 14.739 | | | | | | |
| 1/9/2017 3:50:00 AM | 366600.000 | 73.888 | 17.992 | 168.413 | 29144.877 | 33648.926 | 21.256 | 22881.271 |
| 34.311 | 1.015 | 14.738 | | | | | | |
| 1/9/2017 3:55:00 AM | 366900.000 | 73.885 | 17.992 | 168.408 | 29141.180 | 33644.402 | 21.253 | 22878.195 |
| 34.316 | 1.015 | 14.738 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 73.887 | 17.992 | 168.411 | 29137.709 | 33640.648 | 21.250 | 22875.641 |
| 34.320 | 1.015 | 14.737 | | | | | | |
| 1/9/2017 4:05:00 AM | 367500.000 | 73.892 | 17.992 | 168.422 | 29140.717 | 33644.191 | 21.253 | 22878.051 |
| 34.316 | 1.015 | 14.737 | | | | | | |
| 1/9/2017 4:10:00 AM | 367800.000 | 73.894 | 17.993 | 168.427 | 29139.445 | 33642.133 | 21.252 | 22876.652 |
| 34.318 | 1.015 | 14.738 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 73.896 | 17.992 | 168.433 | 29146.660 | 33650.594 | 21.257 | 22882.406 |
| 34.309 | 1.015 | 14.738 | | | | | | |
| 1/9/2017 4:20:00 AM | 368400.000 | 73.899 | 17.992 | 168.438 | 29135.383 | 33637.641 | 21.248 | 22873.596 |
| 34.323 | 1.015 | 14.741 | | | | | | |
| 1/9/2017 4:25:00 AM | 368700.000 | 73.891 | 17.992 | 168.421 | 29137.070 | 33639.656 | 21.250 | 22874.967 |
| 34.321 | 1.015 | 14.745 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 73.897 | 17.993 | 168.433 | 29149.469 | 33653.645 | 21.260 | 22884.480 |
| 34.306 | 1.015 | 14.748 | | | | | | |
| 1/9/2017 4:35:00 AM | 369300.000 | 73.898 | 17.992 | 168.436 | 29138.758 | 33641.539 | 21.251 | 22876.248 |
| 34.319 | 1.015 | 14.749 | | | | | | |
| 1/9/2017 4:40:00 AM | 369600.000 | 73.900 | 17.993 | 168.440 | 29129.850 | 33631.129 | 21.244 | 22869.170 |
| 34.329 | 1.015 | 14.750 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 73.903 | 17.992 | 168.448 | 29133.977 | 33636.020 | 21.247 | 22872.496 |
| 34.324 | 1.015 | 14.751 | | | | | | |
| 1/9/2017 4:50:00 AM | 370200.000 | 73.908 | 17.992 | 168.460 | 29134.152 | 33636.484 | 21.248 | 22872.813 |
| 34.324 | 1.015 | 14.748 | | | | | | |
| 1/9/2017 4:55:00 AM | 370500.000 | 73.911 | 17.992 | 168.465 | 29133.928 | 33635.895 | 21.247 | 22872.410 |
| 34.324 | 1.015 | 14.744 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 73.914 | 17.992 | 168.472 | 29152.178 | 33657.230 | 21.262 | 22886.918 |
| 34.303 | 1.015 | 14.741 | | | | | | |
| 1/9/2017 5:05:00 AM | 371100.000 | 73.902 | 17.992 | 168.445 | 29136.984 | 33639.559 | 21.250 | 22874.900 |
| 34.321 | 1.015 | 14.740 | | | | | | |
| 1/9/2017 5:10:00 AM | 371400.000 | 73.925 | 17.992 | 168.498 | 29141.170 | 33644.586 | 21.253 | 22878.318 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.316 | 1.015 | 14.739 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 73.926 | 17.992 | 168.500 | 29131.779 | 33633.680 | 21.246 | 22870.902 |
| 34.327 | 1.015 | 14.738 | | | | | | |
| 1/9/2017 5:20:00 AM | 372000.000 | 73.930 | 17.992 | 168.509 | 29154.053 | 33659.457 | 21.264 | 22888.434 |
| 34.301 | 1.015 | 14.742 | | | | | | |
| 1/9/2017 5:25:00 AM | 372300.000 | 73.929 | 17.992 | 168.508 | 29138.906 | 33641.906 | 21.251 | 22876.498 |
| 34.318 | 1.015 | 14.746 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 73.924 | 17.992 | 168.497 | 29152.930 | 33657.969 | 21.263 | 22887.420 |
| 34.302 | 1.015 | 14.750 | | | | | | |
| 1/9/2017 5:35:00 AM | 372900.000 | 73.929 | 17.993 | 168.506 | 29142.434 | 33645.465 | 21.254 | 22878.918 |
| 34.314 | 1.015 | 14.749 | | | | | | |
| 1/9/2017 5:40:00 AM | 373200.000 | 73.912 | 17.992 | 168.468 | 29136.342 | 33639.012 | 21.249 | 22874.529 |
| 34.321 | 1.015 | 14.747 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 73.939 | 17.992 | 168.530 | 29136.971 | 33639.410 | 21.250 | 22874.799 |
| 34.321 | 1.015 | 14.746 | | | | | | |
| 1/9/2017 5:50:00 AM | 373800.000 | 73.927 | 17.992 | 168.502 | 29135.064 | 33637.473 | 21.248 | 22873.484 |
| 34.323 | 1.015 | 14.744 | | | | | | |
| 1/9/2017 5:55:00 AM | 374100.000 | 73.947 | 17.992 | 168.547 | 29139.307 | 33642.105 | 21.251 | 22876.635 |
| 34.318 | 1.015 | 14.742 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 73.948 | 17.992 | 168.551 | 29133.510 | 33635.414 | 21.247 | 22872.084 |
| 34.325 | 1.015 | 14.741 | | | | | | |
| 1/9/2017 6:05:00 AM | 374700.000 | 73.950 | 17.992 | 168.555 | 29144.332 | 33648.043 | 21.256 | 22880.670 |
| 34.312 | 1.015 | 14.744 | | | | | | |
| 1/9/2017 6:10:00 AM | 375000.000 | 73.949 | 17.993 | 168.553 | 29135.836 | 33638.039 | 21.249 | 22873.869 |
| 34.322 | 1.015 | 14.747 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 73.955 | 17.993 | 168.567 | 29150.441 | 33654.828 | 21.260 | 22885.285 |
| 34.305 | 1.015 | 14.750 | | | | | | |
| 1/9/2017 6:20:00 AM | 375600.000 | 73.959 | 17.993 | 168.575 | 29131.326 | 33632.832 | 21.245 | 22870.326 |
| 34.327 | 1.015 | 14.752 | | | | | | |
| 1/9/2017 6:25:00 AM | 375900.000 | 73.959 | 17.992 | 168.575 | 29128.697 | 33630.047 | 21.243 | 22868.434 |
| 34.330 | 1.015 | 14.753 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 73.941 | 17.993 | 168.534 | 29126.238 | 33626.961 | 21.241 | 22866.334 |
| 34.333 | 1.015 | 14.754 | | | | | | |
| 1/9/2017 6:35:00 AM | 376500.000 | 73.946 | 17.992 | 168.545 | 29146.301 | 33650.313 | 21.257 | 22882.213 |
| 34.310 | 1.015 | 14.752 | | | | | | |
| 1/9/2017 6:40:00 AM | 376800.000 | 73.970 | 17.992 | 168.599 | 29135.246 | 33637.609 | 21.248 | 22873.576 |
| 34.323 | 1.015 | 14.751 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 73.970 | 17.992 | 168.599 | 29155.379 | 33660.988 | 21.265 | 22889.473 |
| 34.299 | 1.015 | 14.749 | | | | | | |
| 1/9/2017 6:50:00 AM | 377400.000 | 73.967 | 17.993 | 168.594 | 29142.586 | 33645.758 | 21.254 | 22879.115 |
| 34.314 | 1.015 | 14.751 | | | | | | |
| 1/9/2017 6:55:00 AM | 377700.000 | 73.979 | 17.993 | 168.620 | 29148.797 | 33653.004 | 21.259 | 22884.045 |
| 34.307 | 1.015 | 14.752 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 73.979 | 17.992 | 168.621 | 29142.318 | 33645.582 | 21.254 | 22878.998 |
| 34.314 | 1.015 | 14.754 | | | | | | |
| 1/9/2017 7:05:00 AM | 378300.000 | 73.974 | 17.992 | 168.611 | 29133.834 | 33636.117 | 21.247 | 22872.563 |
| 34.324 | 1.015 | 14.756 | | | | | | |
| 1/9/2017 7:10:00 AM | 378600.000 | 73.977 | 17.992 | 168.615 | 29137.072 | 33639.594 | 21.250 | 22874.926 |
| 34.321 | 1.015 | 14.759 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 73.980 | 17.993 | 168.623 | 29132.855 | 33634.598 | 21.246 | 22871.529 |
| 34.326 | 1.015 | 14.761 | | | | | | |
| 1/9/2017 7:20:00 AM | 379200.000 | 73.983 | 17.992 | 168.631 | 29150.258 | 33655.078 | 21.260 | 22885.455 |
| 34.305 | 1.015 | 14.761 | | | | | | |
| 1/9/2017 7:25:00 AM | 379500.000 | 73.987 | 17.992 | 168.639 | 29126.313 | 33627.297 | 21.241 | 22866.564 |
| 34.333 | 1.015 | 14.760 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 73.992 | 17.992 | 168.651 | 29142.957 | 33646.582 | 21.255 | 22879.678 |
| 34.314 | 1.015 | 14.760 | | | | | | |
| 1/9/2017 7:35:00 AM | 380100.000 | 73.995 | 17.993 | 168.658 | 29141.770 | 33644.816 | 21.253 | 22878.475 |
| 34.315 | 1.015 | 14.762 | | | | | | |
| 1/9/2017 7:40:00 AM | 380400.000 | 73.990 | 17.992 | 168.646 | 29145.789 | 33649.723 | 21.257 | 22881.813 |
| 34.310 | 1.015 | 14.764 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 73.990 | 17.992 | 168.646 | 29133.355 | 33635.500 | 21.247 | 22872.141 |
| 34.325 | 1.015 | 14.766 | | | | | | |
| 1/9/2017 7:50:00 AM | 381000.000 | 73.976 | 17.993 | 168.614 | 29131.596 | 33632.824 | 21.245 | 22870.320 |
| 34.327 | 1.015 | 14.766 | | | | | | |
| 1/9/2017 7:55:00 AM | 381300.000 | 73.984 | 17.993 | 168.632 | 29136.246 | 33638.516 | 21.249 | 22874.193 |
| 34.322 | 1.015 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 73.997 | 17.992 | 168.662 | 29144.279 | 33648.039 | 21.256 | 22880.666 |
| 34.312 | 1.015 | 14.766 | | | | | | |
| 1/9/2017 8:05:00 AM | 381900.000 | 74.000 | 17.992 | 168.668 | 29147.199 | 33651.285 | 21.258 | 22882.875 |
| 34.309 | 1.015 | 14.765 | | | | | | |
| 1/9/2017 8:10:00 AM | 382200.000 | 74.000 | 17.993 | 168.669 | 29135.063 | 33637.148 | 21.248 | 22873.262 |
| 34.323 | 1.015 | 14.765 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 74.004 | 17.993 | 168.678 | 29136.670 | 33638.613 | 21.249 | 22874.258 |
| 34.321 | 1.015 | 14.765 | | | | | | |
| 1/9/2017 8:20:00 AM | 382800.000 | 73.999 | 17.992 | 168.668 | 29131.324 | 33633.082 | 21.245 | 22870.496 |
| 34.327 | 1.015 | 14.766 | | | | | | |
| 1/9/2017 8:25:00 AM | 383100.000 | 73.983 | 17.992 | 168.631 | 29138.578 | 33641.398 | 21.251 | 22876.152 |
| 34.319 | 1.015 | 14.768 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 73.985 | 17.992 | 168.635 | 29123.076 | 33623.434 | 21.239 | 22863.938 |
| 34.337 | 1.015 | 14.769 | | | | | | |
| 1/9/2017 8:35:00 AM | 383700.000 | 74.006 | 17.992 | 168.683 | 29138.572 | 33641.258 | 21.251 | 22876.057 |
| 34.319 | 1.015 | 14.771 | | | | | | |
| 1/9/2017 8:40:00 AM | 384000.000 | 74.006 | 17.993 | 168.683 | 29149.477 | 33653.652 | 21.260 | 22884.484 |
| 34.306 | 1.015 | 14.773 | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 74.006 | 17.993 | 168.682 | 29132.102 | 33633.656 | 21.246 | 22870.889 |
| 34.326 | 1.015 | 14.775 | | | | | | |
| 1/9/2017 8:50:00 AM | 384600.000 | 74.010 | 17.992 | 168.692 | 29150.068 | 33654.598 | 21.260 | 22885.129 |
| 34.305 | 1.015 | 14.774 | | | | | | |
| 1/9/2017 8:55:00 AM | 384900.000 | 74.008 | 17.992 | 168.686 | 29154.949 | 33660.164 | 21.264 | 22888.914 |
| 34.299 | 1.015 | 14.772 | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 74.008 | 17.992 | 168.688 | 29144.459 | 33648.121 | 21.256 | 22880.725 |
| 34.312 | 1.015 | 14.771 | | | | | | |
| 1/9/2017 9:05:00 AM | 385500.000 | 74.010 | 17.993 | 168.692 | 29149.564 | 33653.891 | 21.260 | 22884.646 |
| 34.306 | 1.015 | 14.773 | | | | | | |
| 1/9/2017 9:10:00 AM | 385800.000 | 73.988 | 17.992 | 168.641 | 29151.490 | 33656.363 | 21.261 | 22886.330 |
| 34.304 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 74.005 | 17.992 | 168.679 | 29151.857 | 33656.594 | 21.262 | 22886.486 |
| 34.303 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 9:20:00 AM | 386400.000 | 73.999 | 17.993 | 168.668 | 29151.400 | 33655.688 | 21.261 | 22885.867 |
| 34.304 | 1.015 | 14.781 | | | | | | |
| 1/9/2017 9:25:00 AM | 386700.000 | 74.002 | 17.992 | 168.674 | 29149.518 | 33654.156 | 21.260 | 22884.826 |
| 34.306 | 1.015 | 14.784 | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 74.000 | 17.993 | 168.668 | 29144.279 | 33647.715 | 21.255 | 22880.449 |
| 34.312 | 1.015 | 14.786 | | | | | | |
| 1/9/2017 9:35:00 AM | 387300.000 | 74.000 | 17.993 | 168.669 | 29137.174 | 33639.512 | 21.250 | 22874.871 |
| 34.320 | 1.015 | 14.786 | | | | | | |
| 1/9/2017 9:40:00 AM | 387600.000 | 74.000 | 17.992 | 168.668 | 29146.102 | 33649.949 | 21.257 | 22881.965 |
| 34.310 | 1.015 | 14.787 | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 73.997 | 17.993 | 168.662 | 29131.406 | 33632.852 | 21.245 | 22870.340 |
| 34.327 | 1.015 | 14.787 | | | | | | |
| 1/9/2017 9:50:00 AM | 388200.000 | 73.999 | 17.993 | 168.666 | 29139.488 | 33641.867 | 21.251 | 22876.473 |
| 34.318 | 1.015 | 14.788 | | | | | | |
| 1/9/2017 9:55:00 AM | 388500.000 | 73.981 | 17.993 | 168.626 | 29147.803 | 33651.664 | 21.258 | 22883.131 |
| 34.308 | 1.015 | 14.789 | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 73.996 | 17.993 | 168.660 | 29143.783 | 33647.141 | 21.255 | 22880.059 |
| 34.313 | 1.015 | 14.790 | | | | | | |
| 1/9/2017 10:05:00 AM | 389100.000 | 73.988 | 17.993 | 168.641 | 29132.904 | 33634.520 | 21.246 | 22871.473 |
| 34.325 | 1.015 | 14.792 | | | | | | |
| 1/9/2017 10:10:00 AM | 389400.000 | 73.990 | 17.992 | 168.645 | 29140.539 | 33643.527 | 21.252 | 22877.602 |
| 34.316 | 1.015 | 14.794 | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 73.983 | 17.993 | 168.631 | 29146.420 | 33650.258 | 21.257 | 22882.178 |
| 34.310 | 1.015 | 14.796 | | | | | | |
| 1/9/2017 10:20:00 AM | 390000.000 | 73.990 | 17.993 | 168.647 | 29140.078 | 33642.938 | 21.252 | 22877.199 |
| 34.317 | 1.015 | 14.796 | | | | | | |
| 1/9/2017 10:25:00 AM | 390300.000 | 73.985 | 17.992 | 168.635 | 29150.758 | 33655.395 | 21.261 | 22885.670 |
| 34.304 | 1.015 | 14.796 | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 73.985 | 17.993 | 168.635 | 29129.869 | 33631.078 | 21.244 | 22869.133 |
| 34.329 | 1.015 | 14.796 | | | | | | |
| 1/9/2017 10:35:00 AM | 390900.000 | 73.985 | 17.993 | 168.635 | 29146.414 | 33650.180 | 21.257 | 22882.123 |
| 34.310 | 1.015 | 14.798 | | | | | | |
| 1/9/2017 10:40:00 AM | 391200.000 | 73.983 | 17.993 | 168.631 | 29141.682 | 33644.523 | 21.253 | 22878.277 |
| 34.315 | 1.015 | 14.800 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/9/2017 10:45:00 AM | 391500.000 | 73.977 | 17.993 | 168.617 | 29148.609 | 33652.652 | 21.259 | 22883.807 |
| 34.307 | 1.015 | 14.803 | | | | | | |
| 1/9/2017 10:50:00 AM | 391800.000 | 73.973 | 17.992 | 168.607 | 29158.088 | 33664.051 | 21.267 | 22891.557 |
| 34.296 | 1.015 | 14.802 | | | | | | |
| 1/9/2017 10:55:00 AM | 392100.000 | 73.967 | 17.993 | 168.595 | 29139.320 | 33641.871 | 21.251 | 22876.475 |
| 34.318 | 1.015 | 14.800 | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 73.971 | 17.992 | 168.604 | 29138.207 | 33641.223 | 21.251 | 22876.031 |
| 34.319 | 1.015 | 14.799 | | | | | | |
| 1/9/2017 11:05:00 AM | 392700.000 | 73.964 | 17.992 | 168.587 | 29146.195 | 33650.059 | 21.257 | 22882.041 |
| 34.310 | 1.015 | 14.801 | | | | | | |
| 1/9/2017 11:10:00 AM | 393000.000 | 73.957 | 17.992 | 168.571 | 29144.100 | 33647.773 | 21.255 | 22880.488 |
| 34.312 | 1.015 | 14.802 | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 73.938 | 17.992 | 168.528 | 29162.955 | 33669.543 | 21.271 | 22895.291 |
| 34.290 | 1.015 | 14.804 | | | | | | |
| 1/9/2017 11:20:00 AM | 393600.000 | 73.953 | 17.993 | 168.561 | 29145.010 | 33648.633 | 21.256 | 22881.070 |
| 34.311 | 1.015 | 14.801 | | | | | | |
| 1/9/2017 11:25:00 AM | 393900.000 | 73.950 | 17.993 | 168.555 | 29151.854 | 33656.457 | 21.261 | 22886.393 |
| 34.303 | 1.015 | 14.797 | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 73.942 | 17.993 | 168.536 | 29117.330 | 33616.539 | 21.234 | 22859.248 |
| 34.344 | 1.015 | 14.794 | | | | | | |
| 1/9/2017 11:35:00 AM | 394500.000 | 73.945 | 17.993 | 168.544 | 29158.697 | 33664.242 | 21.267 | 22891.688 |
| 34.295 | 1.015 | 14.791 | | | | | | |
| 1/9/2017 11:40:00 AM | 394800.000 | 73.938 | 17.992 | 168.527 | 29144.645 | 33648.270 | 21.256 | 22880.824 |
| 34.312 | 1.015 | 14.787 | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 73.937 | 17.993 | 168.525 | 29134.201 | 33635.695 | 21.247 | 22872.273 |
| 34.324 | 1.015 | 14.784 | | | | | | |
| 1/9/2017 11:50:00 AM | 395400.000 | 73.931 | 17.992 | 168.513 | 29134.713 | 33636.801 | 21.248 | 22873.025 |
| 34.323 | 1.015 | 14.783 | | | | | | |
| 1/9/2017 11:55:00 AM | 395700.000 | 73.929 | 17.993 | 168.507 | 29133.465 | 33635.168 | 21.247 | 22871.916 |
| 34.325 | 1.015 | 14.782 | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 73.928 | 17.992 | 168.504 | 29136.936 | 33639.434 | 21.250 | 22874.814 |
| 34.321 | 1.015 | 14.781 | | | | | | |
| 1/9/2017 12:05:00 PM | 396300.000 | 73.926 | 17.993 | 168.499 | 29142.867 | 33646.156 | 21.254 | 22879.387 |
| 34.314 | 1.015 | 14.778 | | | | | | |
| 1/9/2017 12:10:00 PM | 396600.000 | 73.923 | 17.992 | 168.493 | 29123.980 | 33624.867 | 21.239 | 22864.912 |
| 34.336 | 1.015 | 14.775 | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 73.909 | 17.993 | 168.461 | 29138.174 | 33640.348 | 21.250 | 22875.439 |
| 34.319 | 1.015 | 14.773 | | | | | | |
| 1/9/2017 12:20:00 PM | 397200.000 | 73.920 | 17.992 | 168.486 | 29145.742 | 33649.602 | 21.257 | 22881.729 |
| 34.310 | 1.015 | 14.774 | | | | | | |
| 1/9/2017 12:25:00 PM | 397500.000 | 73.912 | 17.993 | 168.468 | 29146.469 | 33650.242 | 21.257 | 22882.166 |
| 34.309 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 73.911 | 17.993 | 168.465 | 29133.465 | 33635.109 | 21.247 | 22871.875 |
| 34.325 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 12:35:00 PM | 398100.000 | 73.907 | 17.992 | 168.458 | 29145.922 | 33650.199 | 21.257 | 22882.135 |
| 34.310 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 12:40:00 PM | 398400.000 | 73.899 | 17.993 | 168.439 | 29136.295 | 33638.496 | 21.249 | 22874.178 |
| 34.321 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 73.895 | 17.992 | 168.430 | 29132.379 | 33634.105 | 21.246 | 22871.193 |
| 34.326 | 1.015 | 14.782 | | | | | | |
| 1/9/2017 12:50:00 PM | 399000.000 | 73.893 | 17.993 | 168.424 | 29133.859 | 33635.684 | 21.247 | 22872.268 |
| 34.324 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 12:55:00 PM | 399300.000 | 73.891 | 17.992 | 168.419 | 29131.553 | 33633.152 | 21.245 | 22870.545 |
| 34.327 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 73.884 | 17.992 | 168.405 | 29142.186 | 33645.496 | 21.254 | 22878.939 |
| 34.315 | 1.015 | 14.772 | | | | | | |
| 1/9/2017 1:05:00 PM | 399900.000 | 73.886 | 17.992 | 168.408 | 29154.367 | 33659.684 | 21.264 | 22888.588 |
| 34.300 | 1.015 | 14.771 | | | | | | |
| 1/9/2017 1:10:00 PM | 400200.000 | 73.883 | 17.992 | 168.403 | 29139.354 | 33642.488 | 21.252 | 22876.895 |
| 34.318 | 1.015 | 14.769 | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 73.875 | 17.993 | 168.383 | 29122.232 | 33622.145 | 21.238 | 22863.061 |
| 34.338 | 1.015 | 14.768 | | | | | | |
| 1/9/2017 1:20:00 PM | 400800.000 | 73.873 | 17.992 | 168.379 | 29147.014 | 33651.332 | 21.258 | 22882.908 |
| 34.309 | 1.015 | 14.768 | | | | | | |
| 1/9/2017 1:25:00 PM | 401100.000 | 73.846 | 17.992 | 168.319 | 29138.990 | 33641.738 | 21.251 | 22876.385 |
| 34.318 | 1.015 | 14.768 | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 73.848 | 17.992 | 168.323 | 29141.908 | 33645.371 | 21.254 | 22878.855 |
| 34.315 | 1.015 | 14.768 | | | | | | |
| 1/9/2017 1:35:00 PM | 401700.000 | 73.859 | 17.993 | 168.348 | 29155.971 | 33661.148 | 21.265 | 22889.584 |
| 34.298 | 1.015 | 14.770 | | | | | | |
| 1/9/2017 1:40:00 PM | 402000.000 | 73.852 | 17.992 | 168.332 | 29139.906 | 33643.063 | 21.252 | 22877.285 |
| 34.317 | 1.015 | 14.771 | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 73.850 | 17.992 | 168.326 | 29131.324 | 33633.082 | 21.245 | 22870.496 |
| 34.327 | 1.015 | 14.773 | | | | | | |
| 1/9/2017 1:50:00 PM | 402600.000 | 73.847 | 17.993 | 168.320 | 29134.791 | 33636.832 | 21.248 | 22873.049 |
| 34.323 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 1:55:00 PM | 402900.000 | 73.839 | 17.992 | 168.302 | 29147.387 | 33651.500 | 21.258 | 22883.020 |
| 34.308 | 1.015 | 14.781 | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 73.832 | 17.992 | 168.287 | 29137.119 | 33639.910 | 21.250 | 22875.139 |
| 34.320 | 1.015 | 14.785 | | | | | | |
| 1/9/2017 2:05:00 PM | 403500.000 | 73.829 | 17.992 | 168.280 | 29142.086 | 33645.383 | 21.254 | 22878.863 |
| 34.315 | 1.015 | 14.783 | | | | | | |
| 1/9/2017 2:10:00 PM | 403800.000 | 73.831 | 17.993 | 168.283 | 29139.217 | 33641.945 | 21.251 | 22876.523 |
| 34.318 | 1.015 | 14.782 | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 73.827 | 17.992 | 168.274 | 29138.900 | 33641.637 | 21.251 | 22876.314 |
| 34.318 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 2:20:00 PM | 404400.000 | 73.830 | 17.992 | 168.280 | 29146.387 | 33650.473 | 21.257 | 22882.324 |
| 34.310 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 2:25:00 PM | 404700.000 | 73.820 | 17.993 | 168.259 | 29136.295 | 33638.570 | 21.249 | 22874.229 |
| 34.321 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 73.822 | 17.992 | 168.263 | 29138.900 | 33641.637 | 21.251 | 22876.314 |
| 34.318 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 2:35:00 PM | 405300.000 | 73.816 | 17.992 | 168.251 | 29150.854 | 33655.504 | 21.261 | 22885.744 |
| 34.304 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 2:40:00 PM | 405600.000 | 73.812 | 17.993 | 168.241 | 29134.928 | 33636.602 | 21.248 | 22872.891 |
| 34.323 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 73.805 | 17.992 | 168.225 | 29139.676 | 33642.723 | 21.252 | 22877.053 |
| 34.317 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 2:50:00 PM | 406200.000 | 73.785 | 17.992 | 168.178 | 29143.551 | 33647.141 | 21.255 | 22880.059 |
| 34.313 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 2:55:00 PM | 406500.000 | 73.797 | 17.992 | 168.206 | 29127.221 | 33628.480 | 21.242 | 22867.369 |
| 34.332 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 73.800 | 17.992 | 168.214 | 29148.150 | 33652.645 | 21.259 | 22883.801 |
| 34.307 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 3:05:00 PM | 407100.000 | 73.792 | 17.993 | 168.194 | 29136.156 | 33638.410 | 21.249 | 22874.121 |
| 34.322 | 1.015 | 14.778 | | | | | | |
| 1/9/2017 3:10:00 PM | 407400.000 | 73.788 | 17.992 | 168.185 | 29132.467 | 33634.723 | 21.246 | 22871.613 |
| 34.326 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 73.791 | 17.992 | 168.192 | 29154.773 | 33660.027 | 21.264 | 22888.818 |
| 34.300 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 3:20:00 PM | 408000.000 | 73.792 | 17.993 | 168.194 | 29132.283 | 33633.863 | 21.246 | 22871.029 |
| 34.326 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 3:25:00 PM | 408300.000 | 73.789 | 17.993 | 168.187 | 29140.127 | 33642.859 | 21.252 | 22877.146 |
| 34.317 | 1.015 | 14.778 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 73.783 | 17.993 | 168.175 | 29138.768 | 33641.234 | 21.251 | 22876.039 |
| 34.319 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 3:35:00 PM | 408900.000 | 73.782 | 17.992 | 168.172 | 29148.617 | 33653.117 | 21.259 | 22884.121 |
| 34.307 | 1.015 | 14.778 | | | | | | |
| 1/9/2017 3:40:00 PM | 409200.000 | 73.785 | 17.993 | 168.178 | 29138.668 | 33641.172 | 21.251 | 22876.000 |
| 34.319 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 73.777 | 17.992 | 168.162 | 29124.756 | 33625.633 | 21.240 | 22865.432 |
| 34.335 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 3:50:00 PM | 409800.000 | 73.754 | 17.992 | 168.107 | 29146.152 | 33650.074 | 21.257 | 22882.051 |
| 34.310 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 3:55:00 PM | 410100.000 | 73.778 | 17.993 | 168.163 | 29143.240 | 33646.516 | 21.255 | 22879.631 |
| 34.313 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 73.770 | 17.992 | 168.145 | 29144.830 | 33648.480 | 21.256 | 22880.969 |
| 34.311 | 1.015 | 14.778 | | | | | | |
| 1/9/2017 4:05:00 PM | 410700.000 | 73.772 | 17.992 | 168.149 | 29134.160 | 33636.297 | 21.247 | 22872.682 |
| 34.324 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 4:10:00 PM | 411000.000 | 73.768 | 17.992 | 168.140 | 29139.492 | 33642.512 | 21.252 | 22876.910 |
| 34.318 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 73.768 | 17.992 | 168.140 | 29134.818 | 33637.313 | 21.248 | 22873.375 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.323 | 1.015 | 14.782 | | | | | | |
| 1/9/2017 4:20:00 PM | 411600.000 | 73.746 | 17.992 | 168.089 | 29121.387 | 33621.875 | 21.237 | 22862.877 |
| 34.339 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 4:25:00 PM | 411900.000 | 73.745 | 17.992 | 168.088 | 29131.871 | 33633.586 | 21.246 | 22870.838 |
| 34.327 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 73.764 | 17.992 | 168.131 | 29142.867 | 33646.543 | 21.255 | 22879.652 |
| 34.314 | 1.015 | 14.775 | | | | | | |
| 1/9/2017 4:35:00 PM | 412500.000 | 73.763 | 17.992 | 168.128 | 29129.092 | 33630.574 | 21.243 | 22868.791 |
| 34.330 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 4:40:00 PM | 412800.000 | 73.765 | 17.992 | 168.134 | 29137.572 | 33640.238 | 21.250 | 22875.363 |
| 34.320 | 1.015 | 14.778 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 73.743 | 17.992 | 168.083 | 29143.084 | 33646.465 | 21.255 | 22879.598 |
| 34.313 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 4:50:00 PM | 413400.000 | 73.765 | 17.993 | 168.133 | 29132.611 | 33634.316 | 21.246 | 22871.338 |
| 34.326 | 1.015 | 14.778 | | | | | | |
| 1/9/2017 4:55:00 PM | 413700.000 | 73.760 | 17.992 | 168.123 | 29137.850 | 33640.938 | 21.251 | 22875.840 |
| 34.320 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 73.763 | 17.992 | 168.128 | 29134.428 | 33636.473 | 21.248 | 22872.803 |
| 34.324 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 5:05:00 PM | 414300.000 | 73.766 | 17.992 | 168.135 | 29139.674 | 33642.527 | 21.252 | 22876.918 |
| 34.317 | 1.015 | 14.775 | | | | | | |
| 1/9/2017 5:10:00 PM | 414600.000 | 73.765 | 17.992 | 168.134 | 29133.605 | 33635.590 | 21.247 | 22872.201 |
| 34.325 | 1.015 | 14.774 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 73.765 | 17.992 | 168.134 | 29132.785 | 33634.574 | 21.246 | 22871.512 |
| 34.326 | 1.015 | 14.773 | | | | | | |
| 1/9/2017 5:20:00 PM | 415200.000 | 73.770 | 17.993 | 168.144 | 29144.238 | 33647.418 | 21.255 | 22880.246 |
| 34.312 | 1.015 | 14.772 | | | | | | |
| 1/9/2017 5:25:00 PM | 415500.000 | 73.753 | 17.992 | 168.107 | 29134.150 | 33636.609 | 21.248 | 22872.896 |
| 34.324 | 1.015 | 14.771 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 73.773 | 17.993 | 168.152 | 29151.357 | 33655.695 | 21.261 | 22885.873 |
| 34.304 | 1.015 | 14.770 | | | | | | |
| 1/9/2017 5:35:00 PM | 416100.000 | 73.773 | 17.992 | 168.152 | 29137.424 | 33639.930 | 21.250 | 22875.152 |
| 34.320 | 1.015 | 14.768 | | | | | | |
| 1/9/2017 5:40:00 PM | 416400.000 | 73.772 | 17.992 | 168.150 | 29147.111 | 33651.309 | 21.258 | 22882.893 |
| 34.309 | 1.015 | 14.767 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 73.776 | 17.992 | 168.159 | 29134.197 | 33636.535 | 21.248 | 22872.844 |
| 34.324 | 1.015 | 14.765 | | | | | | |
| 1/9/2017 5:50:00 PM | 417000.000 | 73.778 | 17.992 | 168.163 | 29141.863 | 33645.191 | 21.254 | 22878.730 |
| 34.315 | 1.015 | 14.767 | | | | | | |
| 1/9/2017 5:55:00 PM | 417300.000 | 73.775 | 17.992 | 168.156 | 29143.963 | 33648.070 | 21.256 | 22880.688 |
| 34.312 | 1.015 | 14.768 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 73.772 | 17.993 | 168.150 | 29128.727 | 33629.641 | 21.243 | 22868.156 |
| 34.330 | 1.015 | 14.769 | | | | | | |
| 1/9/2017 6:05:00 PM | 417900.000 | 73.773 | 17.992 | 168.151 | 29141.814 | 33645.266 | 21.254 | 22878.783 |
| 34.315 | 1.015 | 14.770 | | | | | | |
| 1/9/2017 6:10:00 PM | 418200.000 | 73.774 | 17.992 | 168.153 | 29148.934 | 33653.547 | 21.259 | 22884.412 |
| 34.307 | 1.015 | 14.771 | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 73.756 | 17.992 | 168.112 | 29162.537 | 33669.191 | 21.270 | 22895.053 |
| 34.291 | 1.015 | 14.773 | | | | | | |
| 1/9/2017 6:20:00 PM | 418800.000 | 73.772 | 17.992 | 168.148 | 29159.207 | 33665.082 | 21.267 | 22892.258 |
| 34.294 | 1.015 | 14.774 | | | | | | |
| 1/9/2017 6:25:00 PM | 419100.000 | 73.774 | 17.992 | 168.155 | 29128.549 | 33629.949 | 21.243 | 22868.367 |
| 34.331 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 73.777 | 17.992 | 168.160 | 29144.143 | 33647.754 | 21.255 | 22880.475 |
| 34.312 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 6:35:00 PM | 419700.000 | 73.781 | 17.992 | 168.169 | 29142.531 | 33645.895 | 21.254 | 22879.209 |
| 34.314 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 6:40:00 PM | 420000.000 | 73.777 | 17.992 | 168.160 | 29163.107 | 33669.848 | 21.271 | 22895.496 |
| 34.290 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 73.764 | 17.992 | 168.132 | 29143.375 | 33646.801 | 21.255 | 22879.826 |
| 34.313 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 6:50:00 PM | 420600.000 | 73.764 | 17.992 | 168.130 | 29135.475 | 33637.816 | 21.249 | 22873.717 |
| 34.322 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 6:55:00 PM | 420900.000 | 73.787 | 17.993 | 168.184 | 29137.805 | 33639.922 | 21.250 | 22875.146 |
| 34.320 | 1.015 | 14.775 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 73.793 | 17.993 | 168.198 | 29132.826 | 33634.375 | 21.246 | 22871.377 |
| 34.326 | 1.015 | 14.774 | | | | | | |
| 1/9/2017 7:05:00 PM | 421500.000 | 73.791 | 17.992 | 168.192 | 29130.057 | 33631.754 | 21.244 | 22869.594 |
| 34.329 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 7:10:00 PM | 421800.000 | 73.791 | 17.992 | 168.193 | 29144.453 | 33648.047 | 21.256 | 22880.672 |
| 34.312 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 73.791 | 17.993 | 168.192 | 29142.541 | 33645.590 | 21.254 | 22879.004 |
| 34.314 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 7:20:00 PM | 422400.000 | 73.792 | 17.992 | 168.195 | 29151.762 | 33656.676 | 21.262 | 22886.539 |
| 34.303 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 7:25:00 PM | 422700.000 | 73.774 | 17.992 | 168.154 | 29151.807 | 33656.535 | 21.262 | 22886.443 |
| 34.303 | 1.015 | 14.778 | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 73.796 | 17.992 | 168.203 | 29142.955 | 33646.316 | 21.254 | 22879.498 |
| 34.314 | 1.015 | 14.778 | | | | | | |
| 1/9/2017 7:35:00 PM | 423300.000 | 73.799 | 17.993 | 168.210 | 29143.141 | 33646.398 | 21.254 | 22879.551 |
| 34.313 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 7:40:00 PM | 423600.000 | 73.780 | 17.992 | 168.166 | 29139.262 | 33642.055 | 21.251 | 22876.598 |
| 34.318 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 73.802 | 17.992 | 168.218 | 29154.080 | 33659.426 | 21.264 | 22888.410 |
| 34.301 | 1.015 | 14.775 | | | | | | |
| 1/9/2017 7:50:00 PM | 424200.000 | 73.810 | 17.993 | 168.235 | 29158.291 | 33663.828 | 21.267 | 22891.404 |
| 34.296 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 7:55:00 PM | 424500.000 | 73.808 | 17.992 | 168.230 | 29145.789 | 33649.590 | 21.257 | 22881.721 |
| 34.310 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 73.812 | 17.992 | 168.240 | 29150.307 | 33655.133 | 21.261 | 22885.490 |
| 34.305 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 8:05:00 PM | 425100.000 | 73.814 | 17.992 | 168.245 | 29146.748 | 33650.762 | 21.258 | 22882.520 |
| 34.309 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 8:10:00 PM | 425400.000 | 73.814 | 17.992 | 168.245 | 29146.602 | 33650.594 | 21.257 | 22882.406 |
| 34.309 | 1.015 | 14.783 | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 73.816 | 17.992 | 168.250 | 29157.611 | 33663.566 | 21.266 | 22891.227 |
| 34.296 | 1.015 | 14.786 | | | | | | |
| 1/9/2017 8:20:00 PM | 426000.000 | 73.813 | 17.992 | 168.244 | 29137.979 | 33640.570 | 21.250 | 22875.590 |
| 34.319 | 1.015 | 14.785 | | | | | | |
| 1/9/2017 8:25:00 PM | 426300.000 | 73.817 | 17.992 | 168.251 | 29152.270 | 33657.137 | 21.262 | 22886.854 |
| 34.303 | 1.015 | 14.784 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 73.823 | 17.992 | 168.265 | 29144.459 | 33648.316 | 21.256 | 22880.857 |
| 34.312 | 1.015 | 14.782 | | | | | | |
| 1/9/2017 8:35:00 PM | 426900.000 | 73.826 | 17.992 | 168.272 | 29144.557 | 33648.430 | 21.256 | 22880.932 |
| 34.312 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 8:40:00 PM | 427200.000 | 73.829 | 17.992 | 168.279 | 29148.057 | 33652.797 | 21.259 | 22883.904 |
| 34.308 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 73.832 | 17.992 | 168.287 | 29142.582 | 33645.887 | 21.254 | 22879.203 |
| 34.314 | 1.015 | 14.774 | | | | | | |
| 1/9/2017 8:50:00 PM | 427800.000 | 73.828 | 17.992 | 168.276 | 29144.990 | 33648.668 | 21.256 | 22881.094 |
| 34.311 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 8:55:00 PM | 428100.000 | 73.811 | 17.993 | 168.237 | 29156.055 | 33661.309 | 21.265 | 22889.689 |
| 34.298 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 73.825 | 17.992 | 168.271 | 29133.861 | 33636.082 | 21.247 | 22872.535 |
| 34.324 | 1.015 | 14.783 | | | | | | |
| 1/9/2017 9:05:00 PM | 428700.000 | 73.835 | 17.992 | 168.293 | 29140.848 | 33644.078 | 21.253 | 22877.973 |
| 34.316 | 1.015 | 14.782 | | | | | | |
| 1/9/2017 9:10:00 PM | 429000.000 | 73.836 | 17.992 | 168.296 | 29153.537 | 33658.602 | 21.263 | 22887.850 |
| 34.301 | 1.015 | 14.781 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 73.839 | 17.993 | 168.302 | 29146.563 | 33650.426 | 21.257 | 22882.289 |
| 34.309 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 9:20:00 PM | 429600.000 | 73.818 | 17.993 | 168.254 | 29137.418 | 33639.730 | 21.250 | 22875.020 |
| 34.320 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 9:25:00 PM | 429900.000 | 73.845 | 17.992 | 168.316 | 29130.865 | 33632.492 | 21.245 | 22870.096 |
| 34.328 | 1.015 | 14.774 | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 73.848 | 17.992 | 168.323 | 29149.799 | 33654.352 | 21.260 | 22884.961 |
| 34.306 | 1.015 | 14.771 | | | | | | |
| 1/9/2017 9:35:00 PM | 430500.000 | 73.851 | 17.992 | 168.329 | 29147.494 | 33651.820 | 21.258 | 22883.240 |
| 34.308 | 1.015 | 14.773 | | | | | | |
| 1/9/2017 9:40:00 PM | 430800.000 | 73.850 | 17.992 | 168.326 | 29136.768 | 33639.438 | 21.250 | 22874.818 |
| 34.321 | 1.015 | 14.774 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 73.849 | 17.992 | 168.324 | 29142.363 | 33645.633 | 21.254 | 22879.031 |
| 34.314 | 1.015 | 14.775 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/9/2017 9:50:00 PM | 431400.000 | 73.856 | 17.992 | 168.341 | 29148.617 | 33652.922 | 21.259 | 22883.988 |
| 34.307 | 1.015 | 14.775 | | | | | | |
| 1/9/2017 9:55:00 PM | 431700.000 | 73.852 | 17.992 | 168.333 | 29156.439 | 33662.273 | 21.266 | 22890.346 |
| 34.298 | 1.015 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 73.854 | 17.993 | 168.335 | 29141.363 | 33644.422 | 21.253 | 22878.209 |
| 34.315 | 1.015 | 14.775 | | | | | | |
| 1/9/2017 10:05:00 PM | 432300.000 | 73.856 | 17.992 | 168.341 | 29139.078 | 33642.105 | 21.251 | 22876.635 |
| 34.318 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 10:10:00 PM | 432600.000 | 73.832 | 17.993 | 168.286 | 29133.010 | 33634.641 | 21.246 | 22871.557 |
| 34.325 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 73.855 | 17.992 | 168.339 | 29153.355 | 33658.516 | 21.263 | 22887.793 |
| 34.301 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 10:20:00 PM | 433200.000 | 73.851 | 17.993 | 168.330 | 29136.359 | 33638.645 | 21.249 | 22874.281 |
| 34.321 | 1.015 | 14.781 | | | | | | |
| 1/9/2017 10:25:00 PM | 433500.000 | 73.855 | 17.992 | 168.338 | 29144.498 | 33648.234 | 21.256 | 22880.801 |
| 34.312 | 1.015 | 14.783 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 73.854 | 17.992 | 168.336 | 29146.514 | 33650.426 | 21.257 | 22882.289 |
| 34.309 | 1.015 | 14.785 | | | | | | |
| 1/9/2017 10:35:00 PM | 434100.000 | 73.836 | 17.993 | 168.295 | 29157.150 | 33662.457 | 21.266 | 22890.473 |
| 34.297 | 1.015 | 14.783 | | | | | | |
| 1/9/2017 10:40:00 PM | 434400.000 | 73.855 | 17.993 | 168.338 | 29159.707 | 33665.602 | 21.268 | 22892.611 |
| 34.294 | 1.015 | 14.782 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 73.858 | 17.993 | 168.344 | 29144.643 | 33648.070 | 21.256 | 22880.688 |
| 34.312 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 10:50:00 PM | 435000.000 | 73.842 | 17.992 | 168.308 | 29156.133 | 33661.922 | 21.265 | 22890.107 |
| 34.298 | 1.015 | 14.779 | | | | | | |
| 1/9/2017 10:55:00 PM | 435300.000 | 73.862 | 17.993 | 168.354 | 29137.018 | 33639.406 | 21.250 | 22874.797 |
| 34.321 | 1.015 | 14.777 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 73.867 | 17.992 | 168.366 | 29146.193 | 33650.320 | 21.257 | 22882.219 |
| 34.310 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 11:05:00 PM | 435900.000 | 73.860 | 17.992 | 168.349 | 29139.832 | 33642.977 | 21.252 | 22877.227 |
| 34.317 | 1.015 | 14.778 | | | | | | |
| 1/9/2017 11:10:00 PM | 436200.000 | 73.863 | 17.993 | 168.357 | 29153.115 | 33657.852 | 21.262 | 22887.340 |
| 34.302 | 1.015 | 14.781 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 73.860 | 17.992 | 168.351 | 29147.842 | 33652.289 | 21.259 | 22883.559 |
| 34.308 | 1.015 | 14.783 | | | | | | |
| 1/9/2017 11:20:00 PM | 436800.000 | 73.862 | 17.992 | 168.353 | 29138.023 | 33640.691 | 21.251 | 22875.672 |
| 34.319 | 1.015 | 14.780 | | | | | | |
| 1/9/2017 11:25:00 PM | 437100.000 | 73.869 | 17.992 | 168.369 | 29160.162 | 33666.699 | 21.269 | 22893.355 |
| 34.293 | 1.015 | 14.776 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 73.869 | 17.992 | 168.370 | 29143.736 | 33647.219 | 21.255 | 22880.109 |
| 34.313 | 1.015 | 14.772 | | | | | | |
| 1/9/2017 11:35:00 PM | 437700.000 | 73.865 | 17.992 | 168.361 | 29145.746 | 33649.539 | 21.257 | 22881.689 |
| 34.310 | 1.015 | 14.771 | | | | | | |
| 1/9/2017 11:40:00 PM | 438000.000 | 73.866 | 17.992 | 168.363 | 29143.820 | 33647.645 | 21.255 | 22880.400 |
| 34.313 | 1.015 | 14.770 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 73.867 | 17.992 | 168.365 | 29143.994 | 33647.781 | 21.255 | 22880.492 |
| 34.312 | 1.015 | 14.769 | | | | | | |
| 1/9/2017 11:50:00 PM | 438600.000 | 73.867 | 17.993 | 168.365 | 29154.965 | 33659.805 | 21.264 | 22888.670 |
| 34.299 | 1.015 | 14.770 | | | | | | |
| 1/9/2017 11:55:00 PM | 438900.000 | 73.869 | 17.993 | 168.370 | 29148.156 | 33652.129 | 21.258 | 22883.447 |
| 34.307 | 1.015 | 14.771 | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 73.859 | 17.992 | 168.348 | 29145.908 | 33649.918 | 21.257 | 22881.947 |
| 34.310 | 1.015 | 14.772 | | | | | | |
| 1/10/2017 12:05:00 AM | 439500.000 | 73.861 | 17.992 | 168.352 | 29151.947 | 33656.965 | 21.262 | 22886.738 |
| 34.303 | 1.015 | 14.774 | | | | | | |
| 1/10/2017 12:10:00 AM | 439800.000 | 73.861 | 17.993 | 168.353 | 29136.205 | 33638.273 | 21.249 | 22874.027 |
| 34.322 | 1.015 | 14.775 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 73.855 | 17.993 | 168.339 | 29138.826 | 33641.355 | 21.251 | 22876.121 |
| 34.318 | 1.015 | 14.777 | | | | | | |
| 1/10/2017 12:20:00 AM | 440400.000 | 73.862 | 17.992 | 168.355 | 29152.363 | 33657.180 | 21.262 | 22886.885 |
| 34.303 | 1.015 | 14.776 | | | | | | |
| 1/10/2017 12:25:00 AM | 440700.000 | 73.858 | 17.993 | 168.345 | 29131.596 | 33632.953 | 21.245 | 22870.408 |
| 34.327 | 1.015 | 14.776 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 73.859 | 17.992 | 168.346 | 29145.391 | 33649.262 | 21.256 | 22881.498 |
| 34.311 | 1.015 | 14.776 | | | | | | |
| 1/10/2017 12:35:00 AM | 441300.000 | 73.858 | 17.993 | 168.346 | 29145.775 | 33649.250 | 21.256 | 22881.490 |
| 34.310 | 1.015 | 14.773 | | | | | | |
| 1/10/2017 12:40:00 AM | 441600.000 | 73.860 | 17.992 | 168.350 | 29138.250 | 33640.887 | 21.251 | 22875.803 |
| 34.319 | 1.015 | 14.771 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 73.862 | 17.993 | 168.355 | 29146.061 | 33649.844 | 21.257 | 22881.895 |
| 34.310 | 1.015 | 14.769 | | | | | | |
| 1/10/2017 12:50:00 AM | 442200.000 | 73.861 | 17.993 | 168.352 | 29139.625 | 33642.023 | 21.251 | 22876.578 |
| 34.318 | 1.015 | 14.768 | | | | | | |
| 1/10/2017 12:55:00 AM | 442500.000 | 73.864 | 17.993 | 168.359 | 29134.834 | 33636.691 | 21.248 | 22872.951 |
| 34.323 | 1.015 | 14.767 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 73.861 | 17.993 | 168.352 | 29157.945 | 33663.492 | 21.266 | 22891.176 |
| 34.296 | 1.015 | 14.766 | | | | | | |
| 1/10/2017 1:05:00 AM | 443100.000 | 73.862 | 17.992 | 168.353 | 29140.943 | 33644.188 | 21.253 | 22878.049 |
| 34.316 | 1.015 | 14.767 | | | | | | |
| 1/10/2017 1:10:00 AM | 443400.000 | 73.857 | 17.992 | 168.343 | 29154.129 | 33659.676 | 21.264 | 22888.580 |
| 34.300 | 1.015 | 14.769 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 73.852 | 17.992 | 168.333 | 29158.949 | 33664.781 | 21.267 | 22892.051 |
| 34.295 | 1.015 | 14.770 | | | | | | |
| 1/10/2017 1:20:00 AM | 444000.000 | 73.856 | 17.993 | 168.340 | 29137.389 | 33639.832 | 21.250 | 22875.088 |
| 34.320 | 1.015 | 14.769 | | | | | | |
| 1/10/2017 1:25:00 AM | 444300.000 | 73.858 | 17.993 | 168.344 | 29152.979 | 33657.695 | 21.262 | 22887.234 |
| 34.302 | 1.015 | 14.768 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 73.857 | 17.993 | 168.344 | 29137.752 | 33640.059 | 21.250 | 22875.242 |
| 34.320 | 1.015 | 14.767 | | | | | | |
| 1/10/2017 1:35:00 AM | 444900.000 | 73.855 | 17.993 | 168.339 | 29145.002 | 33648.621 | 21.256 | 22881.063 |
| 34.311 | 1.015 | 14.769 | | | | | | |
| 1/10/2017 1:40:00 AM | 445200.000 | 73.852 | 17.992 | 168.333 | 29137.797 | 33640.430 | 21.250 | 22875.494 |
| 34.320 | 1.015 | 14.771 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 73.847 | 17.992 | 168.320 | 29152.756 | 33657.766 | 21.262 | 22887.281 |
| 34.302 | 1.015 | 14.772 | | | | | | |
| 1/10/2017 1:50:00 AM | 445800.000 | 73.855 | 17.992 | 168.338 | 29140.855 | 33644.406 | 21.253 | 22878.199 |
| 34.316 | 1.015 | 14.772 | | | | | | |
| 1/10/2017 1:55:00 AM | 446100.000 | 73.851 | 17.993 | 168.330 | 29145.824 | 33649.570 | 21.257 | 22881.711 |
| 34.310 | 1.015 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 73.846 | 17.992 | 168.317 | 29146.648 | 33650.715 | 21.257 | 22882.488 |
| 34.309 | 1.015 | 14.771 | | | | | | |
| 1/10/2017 2:05:00 AM | 446700.000 | 73.854 | 17.992 | 168.337 | 29151.029 | 33655.902 | 21.261 | 22886.016 |
| 34.304 | 1.015 | 14.770 | | | | | | |
| 1/10/2017 2:10:00 AM | 447000.000 | 73.852 | 17.993 | 168.333 | 29147.598 | 33651.227 | 21.258 | 22882.836 |
| 34.308 | 1.015 | 14.768 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 73.856 | 17.992 | 168.342 | 29143.188 | 33646.852 | 21.255 | 22879.859 |
| 34.313 | 1.015 | 14.766 | | | | | | |
| 1/10/2017 2:20:00 AM | 447600.000 | 73.857 | 17.993 | 168.344 | 29173.492 | 33681.441 | 21.279 | 22903.381 |
| 34.278 | 1.015 | 14.767 | | | | | | |
| 1/10/2017 2:25:00 AM | 447900.000 | 73.854 | 17.993 | 168.335 | 29154.414 | 33659.352 | 21.263 | 22888.361 |
| 34.300 | 1.015 | 14.768 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 73.854 | 17.993 | 168.335 | 29149.025 | 33653.133 | 21.259 | 22884.133 |
| 34.306 | 1.015 | 14.769 | | | | | | |
| 1/10/2017 2:35:00 AM | 448500.000 | 73.834 | 17.992 | 168.290 | 29152.760 | 33657.902 | 21.262 | 22887.375 |
| 34.302 | 1.015 | 14.770 | | | | | | |
| 1/10/2017 2:40:00 AM | 448800.000 | 73.849 | 17.992 | 168.324 | 29140.268 | 33643.543 | 21.252 | 22877.611 |
| 34.317 | 1.015 | 14.770 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 73.833 | 17.992 | 168.288 | 29133.465 | 33635.688 | 21.247 | 22872.270 |
| 34.325 | 1.015 | 14.770 | | | | | | |
| 1/10/2017 2:50:00 AM | 449400.000 | 73.853 | 17.993 | 168.333 | 29143.912 | 33647.289 | 21.255 | 22880.158 |
| 34.312 | 1.015 | 14.767 | | | | | | |
| 1/10/2017 2:55:00 AM | 449700.000 | 73.857 | 17.992 | 168.344 | 29145.508 | 33649.457 | 21.257 | 22881.633 |
| 34.311 | 1.015 | 14.764 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 73.858 | 17.993 | 168.344 | 29141.137 | 33643.895 | 21.253 | 22877.850 |
| 34.316 | 1.015 | 14.762 | | | | | | |
| 1/10/2017 3:05:00 AM | 450300.000 | 73.861 | 17.993 | 168.353 | 29150.293 | 33654.730 | 21.260 | 22885.217 |
| 34.305 | 1.015 | 14.761 | | | | | | |
| 1/10/2017 3:10:00 AM | 450600.000 | 73.858 | 17.993 | 168.344 | 29134.063 | 33635.992 | 21.247 | 22872.477 |
| 34.324 | 1.015 | 14.760 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 73.838 | 17.992 | 168.301 | 29141.127 | 33644.340 | 21.253 | 22878.150 |
| 34.316 | 1.015 | 14.759 | | | | | | |
| 1/10/2017 3:20:00 AM | 451200.000 | 73.865 | 17.993 | 168.361 | 29131.732 | 33633.301 | 21.245 | 22870.646 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.327 | 1.015 | 14.757 | | | | | | |
| 1/10/2017 3:25:00 AM | 451500.000 | 73.866 | 17.992 | 168.364 | 29146.646 | 33650.645 | 21.257 | 22882.441 |
| 34.309 | 1.015 | 14.755 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 73.869 | 17.992 | 168.371 | 29155.186 | 33660.570 | 21.264 | 22889.189 |
| 34.299 | 1.015 | 14.754 | | | | | | |
| 1/10/2017 3:35:00 AM | 452100.000 | 73.871 | 17.992 | 168.374 | 29146.830 | 33650.859 | 21.258 | 22882.586 |
| 34.309 | 1.015 | 14.755 | | | | | | |
| 1/10/2017 3:40:00 AM | 452400.000 | 73.867 | 17.992 | 168.365 | 29151.010 | 33655.809 | 21.261 | 22885.949 |
| 34.304 | 1.015 | 14.756 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 73.865 | 17.992 | 168.362 | 29149.883 | 33654.449 | 21.260 | 22885.027 |
| 34.305 | 1.015 | 14.757 | | | | | | |
| 1/10/2017 3:50:00 AM | 453000.000 | 73.865 | 17.992 | 168.361 | 29150.576 | 33655.703 | 21.261 | 22885.879 |
| 34.305 | 1.015 | 14.759 | | | | | | |
| 1/10/2017 3:55:00 AM | 453300.000 | 73.865 | 17.993 | 168.362 | 29153.902 | 33658.508 | 21.263 | 22887.787 |
| 34.301 | 1.015 | 14.760 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 73.843 | 17.992 | 168.312 | 29136.770 | 33639.566 | 21.250 | 22874.906 |
| 34.321 | 1.015 | 14.761 | | | | | | |
| 1/10/2017 4:05:00 AM | 453900.000 | 73.866 | 17.992 | 168.362 | 29150.027 | 33654.813 | 21.260 | 22885.275 |
| 34.305 | 1.015 | 14.758 | | | | | | |
| 1/10/2017 4:10:00 AM | 454200.000 | 73.869 | 17.993 | 168.370 | 29134.461 | 33636.379 | 21.248 | 22872.740 |
| 34.324 | 1.015 | 14.755 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 73.875 | 17.992 | 168.384 | 29154.232 | 33659.531 | 21.264 | 22888.482 |
| 34.300 | 1.015 | 14.753 | | | | | | |
| 1/10/2017 4:20:00 AM | 454800.000 | 73.880 | 17.992 | 168.395 | 29150.711 | 33655.406 | 21.261 | 22885.678 |
| 34.304 | 1.015 | 14.751 | | | | | | |
| 1/10/2017 4:25:00 AM | 455100.000 | 73.883 | 17.992 | 168.402 | 29149.393 | 33653.816 | 21.260 | 22884.596 |
| 34.306 | 1.015 | 14.750 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 73.883 | 17.992 | 168.403 | 29137.023 | 33639.797 | 21.250 | 22875.063 |
| 34.321 | 1.015 | 14.749 | | | | | | |
| 1/10/2017 4:35:00 AM | 455700.000 | 73.885 | 17.992 | 168.407 | 29147.650 | 33651.871 | 21.258 | 22883.273 |
| 34.308 | 1.015 | 14.747 | | | | | | |
| 1/10/2017 4:40:00 AM | 456000.000 | 73.886 | 17.992 | 168.410 | 29154.533 | 33659.875 | 21.264 | 22888.715 |
| 34.300 | 1.015 | 14.745 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 73.891 | 17.992 | 168.419 | 29156.545 | 33662.395 | 21.266 | 22890.428 |
| 34.298 | 1.015 | 14.744 | | | | | | |
| 1/10/2017 4:50:00 AM | 456600.000 | 73.894 | 17.992 | 168.427 | 29148.754 | 33653.078 | 21.259 | 22884.094 |
| 34.307 | 1.015 | 14.744 | | | | | | |
| 1/10/2017 4:55:00 AM | 456900.000 | 73.874 | 17.993 | 168.383 | 29158.469 | 33664.098 | 21.267 | 22891.586 |
| 34.295 | 1.015 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 73.890 | 17.992 | 168.418 | 29148.838 | 33653.176 | 21.259 | 22884.160 |
| 34.307 | 1.015 | 14.744 | | | | | | |
| 1/10/2017 5:05:00 AM | 457500.000 | 73.901 | 17.992 | 168.442 | 29153.037 | 33658.023 | 21.263 | 22887.459 |
| 34.302 | 1.015 | 14.740 | | | | | | |
| 1/10/2017 5:10:00 AM | 457800.000 | 73.892 | 17.993 | 168.423 | 29141.814 | 33644.941 | 21.253 | 22878.561 |
| 34.315 | 1.015 | 14.737 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 73.916 | 17.992 | 168.477 | 29143.500 | 33647.082 | 21.255 | 22880.016 |
| 34.313 | 1.015 | 14.733 | | | | | | |
| 1/10/2017 5:20:00 AM | 458400.000 | 73.915 | 17.992 | 168.474 | 29148.955 | 33653.246 | 21.259 | 22884.209 |
| 34.307 | 1.015 | 14.736 | | | | | | |
| 1/10/2017 5:25:00 AM | 458700.000 | 73.912 | 17.993 | 168.467 | 29145.137 | 33648.512 | 21.256 | 22880.988 |
| 34.311 | 1.015 | 14.738 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 73.913 | 17.992 | 168.472 | 29135.379 | 33637.703 | 21.248 | 22873.641 |
| 34.323 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 5:35:00 AM | 459300.000 | 73.920 | 17.992 | 168.486 | 29134.609 | 33636.684 | 21.248 | 22872.945 |
| 34.323 | 1.015 | 14.739 | | | | | | |
| 1/10/2017 5:40:00 AM | 459600.000 | 73.904 | 17.993 | 168.449 | 29158.611 | 33664.262 | 21.267 | 22891.699 |
| 34.295 | 1.015 | 14.737 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 73.931 | 17.993 | 168.511 | 29152.422 | 33657.113 | 21.262 | 22886.840 |
| 34.302 | 1.015 | 14.735 | | | | | | |
| 1/10/2017 5:50:00 AM | 460200.000 | 73.908 | 17.993 | 168.458 | 29160.389 | 33666.195 | 21.268 | 22893.016 |
| 34.293 | 1.015 | 14.737 | | | | | | |
| 1/10/2017 5:55:00 AM | 460500.000 | 73.933 | 17.993 | 168.516 | 29151.709 | 33656.043 | 21.261 | 22886.109 |
| 34.303 | 1.015 | 14.739 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 73.929 | 17.992 | 168.508 | 29141.264 | 33644.695 | 21.253 | 22878.393 |
| 34.316 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 6:05:00 AM | 461100.000 | 73.937 | 17.992 | 168.526 | 29158.658 | 33664.641 | 21.267 | 22891.957 |
| 34.295 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 6:10:00 AM | 461400.000 | 73.937 | 17.993 | 168.526 | 29141.635 | 33644.734 | 21.253 | 22878.422 |
| 34.315 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 73.939 | 17.993 | 168.530 | 29158.900 | 33664.594 | 21.267 | 22891.926 |
| 34.295 | 1.015 | 14.740 | | | | | | |
| 1/10/2017 6:20:00 AM | 462000.000 | 73.945 | 17.992 | 168.543 | 29141.496 | 33644.699 | 21.253 | 22878.396 |
| 34.315 | 1.015 | 14.738 | | | | | | |
| 1/10/2017 6:25:00 AM | 462300.000 | 73.954 | 17.993 | 168.563 | 29166.359 | 33672.891 | 21.273 | 22897.568 |
| 34.286 | 1.015 | 14.735 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 73.961 | 17.993 | 168.580 | 29146.193 | 33649.730 | 21.257 | 22881.816 |
| 34.310 | 1.015 | 14.733 | | | | | | |
| 1/10/2017 6:35:00 AM | 462900.000 | 73.964 | 17.993 | 168.586 | 29164.369 | 33670.523 | 21.271 | 22895.957 |
| 34.288 | 1.015 | 14.733 | | | | | | |
| 1/10/2017 6:40:00 AM | 463200.000 | 73.962 | 17.993 | 168.583 | 29135.512 | 33637.531 | 21.248 | 22873.521 |
| 34.322 | 1.015 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 73.966 | 17.992 | 168.591 | 29141.334 | 33644.637 | 21.253 | 22878.355 |
| 34.316 | 1.015 | 14.734 | | | | | | |
| 1/10/2017 6:50:00 AM | 463800.000 | 73.963 | 17.992 | 168.585 | 29157.605 | 33663.563 | 21.266 | 22891.225 |
| 34.296 | 1.015 | 14.736 | | | | | | |
| 1/10/2017 6:55:00 AM | 464100.000 | 73.968 | 17.993 | 168.597 | 29156.049 | 33661.184 | 21.265 | 22889.607 |
| 34.298 | 1.015 | 14.739 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 73.974 | 17.993 | 168.610 | 29140.527 | 33643.066 | 21.252 | 22877.287 |
| 34.316 | 1.015 | 14.742 | | | | | | |
| 1/10/2017 7:05:00 AM | 464700.000 | 73.971 | 17.993 | 168.604 | 29146.508 | 33650.227 | 21.257 | 22882.154 |
| 34.309 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 7:10:00 AM | 465000.000 | 73.979 | 17.992 | 168.621 | 29163.689 | 33670.254 | 21.271 | 22895.775 |
| 34.289 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 73.981 | 17.992 | 168.626 | 29159.238 | 33665.250 | 21.268 | 22892.373 |
| 34.294 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 7:20:00 AM | 465600.000 | 73.984 | 17.992 | 168.633 | 29150.523 | 33655.121 | 21.261 | 22885.482 |
| 34.305 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 7:25:00 AM | 465900.000 | 73.988 | 17.993 | 168.641 | 29146.920 | 33650.699 | 21.257 | 22882.477 |
| 34.309 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 73.988 | 17.993 | 168.642 | 29151.703 | 33656.285 | 21.261 | 22886.273 |
| 34.303 | 1.015 | 14.740 | | | | | | |
| 1/10/2017 7:35:00 AM | 466500.000 | 73.993 | 17.992 | 168.653 | 29160.389 | 33666.445 | 21.268 | 22893.186 |
| 34.293 | 1.015 | 14.739 | | | | | | |
| 1/10/2017 7:40:00 AM | 466800.000 | 73.996 | 17.992 | 168.659 | 29152.770 | 33658.105 | 21.263 | 22887.512 |
| 34.302 | 1.015 | 14.738 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 74.003 | 17.993 | 168.675 | 29144.084 | 33647.426 | 21.255 | 22880.250 |
| 34.312 | 1.015 | 14.737 | | | | | | |
| 1/10/2017 7:50:00 AM | 467400.000 | 74.002 | 17.992 | 168.673 | 29168.191 | 33675.586 | 21.275 | 22899.398 |
| 34.284 | 1.015 | 14.737 | | | | | | |
| 1/10/2017 7:55:00 AM | 467700.000 | 73.999 | 17.993 | 168.668 | 29158.596 | 33664.125 | 21.267 | 22891.607 |
| 34.295 | 1.015 | 14.738 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 74.003 | 17.992 | 168.675 | 29151.930 | 33656.680 | 21.262 | 22886.543 |
| 34.303 | 1.015 | 14.739 | | | | | | |
| 1/10/2017 8:05:00 AM | 468300.000 | 74.008 | 17.993 | 168.688 | 29143.176 | 33646.441 | 21.255 | 22879.582 |
| 34.313 | 1.015 | 14.738 | | | | | | |
| 1/10/2017 8:10:00 AM | 468600.000 | 74.008 | 17.993 | 168.686 | 29147.375 | 33651.363 | 21.258 | 22882.930 |
| 34.308 | 1.015 | 14.738 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 73.991 | 17.993 | 168.648 | 29157.287 | 33662.805 | 21.266 | 22890.709 |
| 34.297 | 1.015 | 14.737 | | | | | | |
| 1/10/2017 8:20:00 AM | 469200.000 | 74.016 | 17.992 | 168.704 | 29161.939 | 33668.371 | 21.270 | 22894.492 |
| 34.291 | 1.015 | 14.738 | | | | | | |
| 1/10/2017 8:25:00 AM | 469500.000 | 74.013 | 17.992 | 168.699 | 29164.037 | 33671.047 | 21.272 | 22896.313 |
| 34.289 | 1.015 | 14.739 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 74.020 | 17.992 | 168.714 | 29156.635 | 33662.109 | 21.265 | 22890.236 |
| 34.298 | 1.015 | 14.739 | | | | | | |
| 1/10/2017 8:35:00 AM | 470100.000 | 74.019 | 17.993 | 168.712 | 29156.229 | 33661.586 | 21.265 | 22889.879 |
| 34.298 | 1.015 | 14.740 | | | | | | |
| 1/10/2017 8:40:00 AM | 470400.000 | 74.020 | 17.992 | 168.715 | 29153.396 | 33658.762 | 21.263 | 22887.961 |
| 34.301 | 1.015 | 14.742 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 74.022 | 17.993 | 168.720 | 29142.717 | 33645.984 | 21.254 | 22879.271 |
| 34.314 | 1.015 | 14.743 | | | | | | |
| 1/10/2017 8:50:00 AM | 471000.000 | 74.023 | 17.993 | 168.721 | 29150.158 | 33654.117 | 21.260 | 22884.803 |
| 34.305 | 1.015 | 14.742 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/10/2017 8:55:00 AM | 471300.000 | 74.022 | 17.993 | 168.720 | 29147.920 | 33651.918 | 21.258 | 22883.307 |
| 34.308 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 74.032 | 17.992 | 168.743 | 29151.525 | 33656.348 | 21.261 | 22886.318 |
| 34.304 | 1.015 | 14.740 | | | | | | |
| 1/10/2017 9:05:00 AM | 471900.000 | 74.026 | 17.993 | 168.727 | 29146.230 | 33649.719 | 21.257 | 22881.809 |
| 34.310 | 1.015 | 14.742 | | | | | | |
| 1/10/2017 9:10:00 AM | 472200.000 | 74.027 | 17.993 | 168.731 | 29149.803 | 33654.164 | 21.260 | 22884.832 |
| 34.306 | 1.015 | 14.745 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 74.028 | 17.993 | 168.732 | 29158.186 | 33663.453 | 21.266 | 22891.150 |
| 34.296 | 1.015 | 14.747 | | | | | | |
| 1/10/2017 9:20:00 AM | 472800.000 | 74.029 | 17.992 | 168.735 | 29143.131 | 33646.656 | 21.255 | 22879.729 |
| 34.313 | 1.015 | 14.747 | | | | | | |
| 1/10/2017 9:25:00 AM | 473100.000 | 74.026 | 17.993 | 168.728 | 29154.031 | 33658.855 | 21.263 | 22888.023 |
| 34.301 | 1.015 | 14.748 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 74.007 | 17.993 | 168.685 | 29148.250 | 33652.051 | 21.258 | 22883.396 |
| 34.307 | 1.015 | 14.749 | | | | | | |
| 1/10/2017 9:35:00 AM | 473700.000 | 74.013 | 17.993 | 168.698 | 29143.814 | 33647.250 | 21.255 | 22880.133 |
| 34.313 | 1.015 | 14.749 | | | | | | |
| 1/10/2017 9:40:00 AM | 474000.000 | 74.033 | 17.993 | 168.745 | 29168.381 | 33675.613 | 21.275 | 22899.420 |
| 34.284 | 1.015 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 74.033 | 17.993 | 168.744 | 29164.391 | 33671.008 | 21.272 | 22896.285 |
| 34.288 | 1.015 | 14.749 | | | | | | |
| 1/10/2017 9:50:00 AM | 474600.000 | 74.016 | 17.993 | 168.705 | 29167.926 | 33674.500 | 21.274 | 22898.660 |
| 34.284 | 1.015 | 14.749 | | | | | | |
| 1/10/2017 9:55:00 AM | 474900.000 | 74.031 | 17.993 | 168.740 | 29151.891 | 33656.254 | 21.261 | 22886.254 |
| 34.303 | 1.015 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 74.028 | 17.993 | 168.734 | 29159.428 | 33665.012 | 21.267 | 22892.211 |
| 34.294 | 1.015 | 14.750 | | | | | | |
| 1/10/2017 10:05:00 AM | 475500.000 | 74.033 | 17.992 | 168.743 | 29154.215 | 33659.316 | 21.263 | 22888.336 |
| 34.300 | 1.015 | 14.748 | | | | | | |
| 1/10/2017 10:10:00 AM | 475800.000 | 74.028 | 17.993 | 168.734 | 29163.338 | 33669.719 | 21.271 | 22895.408 |
| 34.290 | 1.015 | 14.747 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 74.032 | 17.993 | 168.743 | 29160.834 | 33666.707 | 21.269 | 22893.361 |
| 34.293 | 1.015 | 14.746 | | | | | | |
| 1/10/2017 10:20:00 AM | 476400.000 | 74.033 | 17.993 | 168.743 | 29159.012 | 33664.531 | 21.267 | 22891.883 |
| 34.295 | 1.015 | 14.745 | | | | | | |
| 1/10/2017 10:25:00 AM | 476700.000 | 74.034 | 17.992 | 168.746 | 29154.314 | 33659.434 | 21.264 | 22888.416 |
| 34.300 | 1.015 | 14.744 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 74.032 | 17.993 | 168.743 | 29151.801 | 33656.336 | 21.261 | 22886.311 |
| 34.303 | 1.015 | 14.743 | | | | | | |
| 1/10/2017 10:35:00 AM | 477300.000 | 74.029 | 17.993 | 168.735 | 29142.037 | 33644.742 | 21.253 | 22878.428 |
| 34.315 | 1.015 | 14.742 | | | | | | |
| 1/10/2017 10:40:00 AM | 477600.000 | 74.031 | 17.993 | 168.739 | 29156.854 | 33662.230 | 21.265 | 22890.318 |
| 34.297 | 1.015 | 14.741 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 74.029 | 17.992 | 168.735 | 29152.625 | 33657.746 | 21.262 | 22887.268 |
| 34.302 | 1.015 | 14.740 | | | | | | |
| 1/10/2017 10:50:00 AM | 478200.000 | 74.027 | 17.992 | 168.731 | 29157.963 | 33663.910 | 21.267 | 22891.461 |
| 34.296 | 1.015 | 14.738 | | | | | | |
| 1/10/2017 10:55:00 AM | 478500.000 | 74.029 | 17.993 | 168.735 | 29164.010 | 33670.375 | 21.271 | 22895.857 |
| 34.289 | 1.015 | 14.736 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 74.032 | 17.993 | 168.741 | 29159.838 | 33665.750 | 21.268 | 22892.711 |
| 34.294 | 1.015 | 14.733 | | | | | | |
| 1/10/2017 11:05:00 AM | 479100.000 | 74.027 | 17.992 | 168.731 | 29137.205 | 33639.680 | 21.250 | 22874.982 |
| 34.320 | 1.015 | 14.732 | | | | | | |
| 1/10/2017 11:10:00 AM | 479400.000 | 74.003 | 17.992 | 168.675 | 29144.725 | 33648.359 | 21.256 | 22880.887 |
| 34.312 | 1.015 | 14.731 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 74.022 | 17.993 | 168.719 | 29155.863 | 33660.703 | 21.264 | 22889.281 |
| 34.298 | 1.015 | 14.730 | | | | | | |
| 1/10/2017 11:20:00 AM | 480000.000 | 74.014 | 17.993 | 168.701 | 29149.664 | 33653.930 | 21.260 | 22884.672 |
| 34.306 | 1.015 | 14.730 | | | | | | |
| 1/10/2017 11:25:00 AM | 480300.000 | 74.015 | 17.992 | 168.703 | 29150.158 | 33654.633 | 21.260 | 22885.150 |
| 34.305 | 1.015 | 14.729 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 74.015 | 17.992 | 168.702 | 29142.494 | 33645.918 | 21.254 | 22879.225 |
| 34.314 | 1.015 | 14.729 | | | | | | |
| 1/10/2017 11:35:00 AM | 480900.000 | 74.006 | 17.993 | 168.683 | 29142.580 | 33645.559 | 21.254 | 22878.980 |
| 34.314 | 1.015 | 14.730 | | | | | | |
| 1/10/2017 11:40:00 AM | 481200.000 | 73.986 | 17.993 | 168.637 | 29152.480 | 33656.992 | 21.262 | 22886.758 |
| 34.302 | 1.015 | 14.730 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 73.998 | 17.993 | 168.664 | 29160.650 | 33666.688 | 21.269 | 22893.350 |
| 34.293 | 1.015 | 14.730 | | | | | | |
| 1/10/2017 11:50:00 AM | 481800.000 | 73.997 | 17.993 | 168.662 | 29150.471 | 33654.801 | 21.260 | 22885.268 |
| 34.305 | 1.015 | 14.726 | | | | | | |
| 1/10/2017 11:55:00 AM | 482100.000 | 73.998 | 17.993 | 168.664 | 29146.092 | 33649.883 | 21.257 | 22881.922 |
| 34.310 | 1.015 | 14.721 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 74.000 | 17.993 | 168.670 | 29144.316 | 33647.695 | 21.255 | 22880.434 |
| 34.312 | 1.015 | 14.717 | | | | | | |
| 1/10/2017 12:05:00 PM | 482700.000 | 73.990 | 17.992 | 168.647 | 29153.971 | 33659.035 | 21.263 | 22888.145 |
| 34.301 | 1.015 | 14.717 | | | | | | |
| 1/10/2017 12:10:00 PM | 483000.000 | 73.989 | 17.993 | 168.644 | 29134.330 | 33636.227 | 21.247 | 22872.637 |
| 34.324 | 1.015 | 14.716 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 73.965 | 17.992 | 168.589 | 29150.293 | 33654.789 | 21.260 | 22885.258 |
| 34.305 | 1.015 | 14.716 | | | | | | |
| 1/10/2017 12:20:00 PM | 483600.000 | 73.981 | 17.992 | 168.624 | 29140.275 | 33643.223 | 21.252 | 22877.395 |
| 34.317 | 1.015 | 14.713 | | | | | | |
| 1/10/2017 12:25:00 PM | 483900.000 | 73.981 | 17.993 | 168.625 | 29135.361 | 33637.418 | 21.248 | 22873.445 |
| 34.323 | 1.015 | 14.710 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 73.978 | 17.993 | 168.619 | 29156.969 | 33662.438 | 21.266 | 22890.459 |
| 34.297 | 1.015 | 14.707 | | | | | | |
| 1/10/2017 12:35:00 PM | 484500.000 | 73.959 | 17.993 | 168.574 | 29165.854 | 33672.621 | 21.273 | 22897.385 |
| 34.287 | 1.015 | 14.705 | | | | | | |
| 1/10/2017 12:40:00 PM | 484800.000 | 73.969 | 17.993 | 168.598 | 29161.020 | 33666.922 | 21.269 | 22893.510 |
| 34.292 | 1.015 | 14.702 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 73.968 | 17.993 | 168.597 | 29142.994 | 33646.230 | 21.254 | 22879.438 |
| 34.314 | 1.015 | 14.700 | | | | | | |
| 1/10/2017 12:50:00 PM | 485400.000 | 73.960 | 17.992 | 168.578 | 29157.385 | 33662.977 | 21.266 | 22890.826 |
| 34.297 | 1.015 | 14.702 | | | | | | |
| 1/10/2017 12:55:00 PM | 485700.000 | 73.955 | 17.993 | 168.567 | 29144.592 | 33647.758 | 21.255 | 22880.477 |
| 34.312 | 1.015 | 14.705 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 73.951 | 17.993 | 168.557 | 29155.951 | 33661.191 | 21.265 | 22889.611 |
| 34.298 | 1.015 | 14.708 | | | | | | |
| 1/10/2017 1:05:00 PM | 486300.000 | 73.950 | 17.993 | 168.554 | 29158.701 | 33664.172 | 21.267 | 22891.639 |
| 34.295 | 1.015 | 14.704 | | | | | | |
| 1/10/2017 1:10:00 PM | 486600.000 | 73.949 | 17.993 | 168.552 | 29153.547 | 33658.352 | 21.263 | 22887.680 |
| 34.301 | 1.015 | 14.700 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 73.944 | 17.993 | 168.542 | 29152.254 | 33656.730 | 21.262 | 22886.578 |
| 34.303 | 1.015 | 14.696 | | | | | | |
| 1/10/2017 1:20:00 PM | 487200.000 | 73.935 | 17.993 | 168.520 | 29153.676 | 33658.500 | 21.263 | 22887.781 |
| 34.301 | 1.015 | 14.697 | | | | | | |
| 1/10/2017 1:25:00 PM | 487500.000 | 73.930 | 17.993 | 168.509 | 29143.586 | 33646.797 | 21.255 | 22879.824 |
| 34.313 | 1.015 | 14.697 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 73.927 | 17.993 | 168.502 | 29148.445 | 33652.406 | 21.259 | 22883.639 |
| 34.307 | 1.015 | 14.698 | | | | | | |
| 1/10/2017 1:35:00 PM | 488100.000 | 73.903 | 17.993 | 168.447 | 29131.143 | 33632.547 | 21.245 | 22870.135 |
| 34.328 | 1.015 | 14.696 | | | | | | |
| 1/10/2017 1:40:00 PM | 488400.000 | 73.918 | 17.993 | 168.483 | 29151.576 | 33655.754 | 21.261 | 22885.914 |
| 34.303 | 1.015 | 14.695 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 73.917 | 17.993 | 168.479 | 29156.098 | 33661.359 | 21.265 | 22889.727 |
| 34.298 | 1.015 | 14.694 | | | | | | |
| 1/10/2017 1:50:00 PM | 489000.000 | 73.908 | 17.992 | 168.459 | 29157.141 | 33662.887 | 21.266 | 22890.764 |
| 34.297 | 1.015 | 14.692 | | | | | | |
| 1/10/2017 1:55:00 PM | 489300.000 | 73.905 | 17.993 | 168.453 | 29148.811 | 33652.563 | 21.259 | 22883.744 |
| 34.307 | 1.015 | 14.690 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 73.906 | 17.993 | 168.453 | 29150.291 | 33654.730 | 21.260 | 22885.217 |
| 34.305 | 1.015 | 14.689 | | | | | | |
| 1/10/2017 2:05:00 PM | 489900.000 | 73.906 | 17.993 | 168.454 | 29135.006 | 33636.891 | 21.248 | 22873.088 |
| 34.323 | 1.015 | 14.685 | | | | | | |
| 1/10/2017 2:10:00 PM | 490200.000 | 73.902 | 17.993 | 168.446 | 29153.354 | 33658.074 | 21.263 | 22887.492 |
| 34.301 | 1.015 | 14.681 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 73.899 | 17.993 | 168.438 | 29166.963 | 33673.977 | 21.274 | 22898.307 |
| 34.285 | 1.015 | 14.677 | | | | | | |
| 1/10/2017 2:20:00 PM | 490800.000 | 73.873 | 17.993 | 168.379 | 29160.244 | 33666.219 | 21.268 | 22893.029 |
| 34.293 | 1.015 | 14.680 | | | | | | |
| 1/10/2017 2:25:00 PM | 491100.000 | 73.881 | 17.993 | 168.397 | 29137.568 | 33639.965 | 21.250 | 22875.178 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.320 | 1.015 | 14.684 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 73.879 | 17.993 | 168.393 | 29146.850 | 33650.684 | 21.257 | 22882.465 |
| 34.309 | 1.015 | 14.688 | | | | | | |
| 1/10/2017 2:35:00 PM | 491700.000 | 73.877 | 17.993 | 168.389 | 29151.123 | 33655.496 | 21.261 | 22885.740 |
| 34.304 | 1.015 | 14.686 | | | | | | |
| 1/10/2017 2:40:00 PM | 492000.000 | 73.870 | 17.992 | 168.372 | 29161.984 | 33668.617 | 21.270 | 22894.660 |
| 34.291 | 1.015 | 14.684 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 73.870 | 17.993 | 168.372 | 29138.617 | 33641.176 | 21.251 | 22876.002 |
| 34.319 | 1.015 | 14.683 | | | | | | |
| 1/10/2017 2:50:00 PM | 492600.000 | 73.866 | 17.993 | 168.364 | 29154.588 | 33659.297 | 21.263 | 22888.322 |
| 34.300 | 1.015 | 14.682 | | | | | | |
| 1/10/2017 2:55:00 PM | 492900.000 | 73.860 | 17.993 | 168.350 | 29158.639 | 33664.367 | 21.267 | 22891.771 |
| 34.295 | 1.015 | 14.681 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 73.857 | 17.992 | 168.343 | 29158.113 | 33663.953 | 21.267 | 22891.488 |
| 34.296 | 1.015 | 14.681 | | | | | | |
| 1/10/2017 3:05:00 PM | 493500.000 | 73.849 | 17.993 | 168.325 | 29149.109 | 33653.172 | 21.259 | 22884.156 |
| 34.306 | 1.015 | 14.680 | | | | | | |
| 1/10/2017 3:10:00 PM | 493800.000 | 73.845 | 17.992 | 168.315 | 29149.527 | 33653.906 | 21.260 | 22884.656 |
| 34.306 | 1.015 | 14.679 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 73.827 | 17.993 | 168.275 | 29153.924 | 33658.730 | 21.263 | 22887.939 |
| 34.301 | 1.015 | 14.679 | | | | | | |
| 1/10/2017 3:20:00 PM | 494400.000 | 73.843 | 17.993 | 168.312 | 29145.855 | 33649.473 | 21.257 | 22881.643 |
| 34.310 | 1.015 | 14.676 | | | | | | |
| 1/10/2017 3:25:00 PM | 494700.000 | 73.837 | 17.993 | 168.296 | 29154.076 | 33658.906 | 21.263 | 22888.059 |
| 34.301 | 1.015 | 14.674 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 73.840 | 17.993 | 168.303 | 29158.188 | 33663.848 | 21.267 | 22891.416 |
| 34.296 | 1.015 | 14.671 | | | | | | |
| 1/10/2017 3:35:00 PM | 495300.000 | 73.842 | 17.992 | 168.308 | 29138.342 | 33640.992 | 21.251 | 22875.875 |
| 34.319 | 1.015 | 14.669 | | | | | | |
| 1/10/2017 3:40:00 PM | 495600.000 | 73.839 | 17.993 | 168.303 | 29141.939 | 33644.820 | 21.253 | 22878.479 |
| 34.315 | 1.015 | 14.668 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 73.840 | 17.992 | 168.303 | 29144.410 | 33648.191 | 21.256 | 22880.770 |
| 34.312 | 1.015 | 14.666 | | | | | | |
| 1/10/2017 3:50:00 PM | 496200.000 | 73.833 | 17.993 | 168.289 | 29145.514 | 33649.215 | 21.256 | 22881.469 |
| 34.311 | 1.015 | 14.665 | | | | | | |
| 1/10/2017 3:55:00 PM | 496500.000 | 73.827 | 17.992 | 168.275 | 29172.225 | 33680.301 | 21.278 | 22902.607 |
| 34.279 | 1.015 | 14.665 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 73.825 | 17.993 | 168.269 | 29147.449 | 33651.184 | 21.258 | 22882.805 |
| 34.308 | 1.015 | 14.664 | | | | | | |
| 1/10/2017 4:05:00 PM | 497100.000 | 73.827 | 17.993 | 168.274 | 29141.494 | 33644.250 | 21.253 | 22878.092 |
| 34.315 | 1.015 | 14.664 | | | | | | |
| 1/10/2017 4:10:00 PM | 497400.000 | 73.823 | 17.993 | 168.264 | 29144.182 | 33647.539 | 21.255 | 22880.328 |
| 34.312 | 1.015 | 14.663 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 73.821 | 17.993 | 168.260 | 29136.518 | 33638.691 | 21.249 | 22874.311 |
| 34.321 | 1.015 | 14.663 | | | | | | |
| 1/10/2017 4:20:00 PM | 498000.000 | 73.821 | 17.992 | 168.260 | 29147.605 | 33651.879 | 21.258 | 22883.277 |
| 34.308 | 1.015 | 14.664 | | | | | | |
| 1/10/2017 4:25:00 PM | 498300.000 | 73.812 | 17.992 | 168.241 | 29161.797 | 33668.070 | 21.270 | 22894.289 |
| 34.291 | 1.015 | 14.665 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 73.797 | 17.992 | 168.205 | 29145.596 | 33649.629 | 21.257 | 22881.748 |
| 34.311 | 1.015 | 14.666 | | | | | | |
| 1/10/2017 4:35:00 PM | 498900.000 | 73.813 | 17.993 | 168.241 | 29141.496 | 33644.574 | 21.253 | 22878.311 |
| 34.315 | 1.015 | 14.664 | | | | | | |
| 1/10/2017 4:40:00 PM | 499200.000 | 73.809 | 17.992 | 168.233 | 29135.336 | 33637.520 | 21.248 | 22873.514 |
| 34.323 | 1.015 | 14.663 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 73.801 | 17.993 | 168.215 | 29146.420 | 33650.258 | 21.257 | 22882.178 |
| 34.310 | 1.015 | 14.662 | | | | | | |
| 1/10/2017 4:50:00 PM | 499800.000 | 73.803 | 17.992 | 168.220 | 29137.391 | 33640.086 | 21.250 | 22875.260 |
| 34.320 | 1.015 | 14.655 | | | | | | |
| 1/10/2017 4:55:00 PM | 500100.000 | 73.811 | 17.993 | 168.237 | 29139.521 | 33642.027 | 21.251 | 22876.580 |
| 34.318 | 1.015 | 14.648 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 73.818 | 17.992 | 168.255 | 29143.188 | 33646.652 | 21.255 | 22879.727 |
| 34.313 | 1.015 | 14.640 | | | | | | |
| 1/10/2017 5:05:00 PM | 500700.000 | 73.816 | 17.992 | 168.249 | 29152.037 | 33656.996 | 21.262 | 22886.760 |
| 34.303 | 1.015 | 14.642 | | | | | | |
| 1/10/2017 5:10:00 PM | 501000.000 | 73.814 | 17.993 | 168.244 | 29152.531 | 33656.992 | 21.262 | 22886.758 |
| 34.302 | 1.015 | 14.645 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 73.806 | 17.993 | 168.227 | 29147.563 | 33651.578 | 21.258 | 22883.076 |
| 34.308 | 1.015 | 14.647 | | | | | | |
| 1/10/2017 5:20:00 PM | 501600.000 | 73.785 | 17.993 | 168.178 | 29147.148 | 33651.102 | 21.258 | 22882.752 |
| 34.309 | 1.015 | 14.643 | | | | | | |
| 1/10/2017 5:25:00 PM | 501900.000 | 73.810 | 17.992 | 168.236 | 29148.059 | 33652.668 | 21.259 | 22883.816 |
| 34.308 | 1.015 | 14.640 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 73.791 | 17.992 | 168.192 | 29153.535 | 33658.531 | 21.263 | 22887.803 |
| 34.301 | 1.015 | 14.637 | | | | | | |
| 1/10/2017 5:35:00 PM | 502500.000 | 73.787 | 17.992 | 168.184 | 29150.623 | 33655.238 | 21.261 | 22885.563 |
| 34.305 | 1.015 | 14.641 | | | | | | |
| 1/10/2017 5:40:00 PM | 502800.000 | 73.808 | 17.992 | 168.230 | 29147.746 | 33651.848 | 21.258 | 22883.258 |
| 34.308 | 1.015 | 14.645 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 73.800 | 17.993 | 168.212 | 29145.695 | 33649.230 | 21.256 | 22881.477 |
| 34.310 | 1.015 | 14.649 | | | | | | |
| 1/10/2017 5:50:00 PM | 503400.000 | 73.806 | 17.993 | 168.226 | 29142.137 | 33645.047 | 21.254 | 22878.633 |
| 34.315 | 1.015 | 14.648 | | | | | | |
| 1/10/2017 5:55:00 PM | 503700.000 | 73.806 | 17.993 | 168.227 | 29151.029 | 33655.391 | 21.261 | 22885.668 |
| 34.304 | 1.015 | 14.648 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 73.807 | 17.992 | 168.228 | 29147.057 | 33651.121 | 21.258 | 22882.764 |
| 34.309 | 1.015 | 14.648 | | | | | | |
| 1/10/2017 6:05:00 PM | 504300.000 | 73.807 | 17.992 | 168.228 | 29152.871 | 33658.094 | 21.263 | 22887.504 |
| 34.302 | 1.015 | 14.647 | | | | | | |
| 1/10/2017 6:10:00 PM | 504600.000 | 73.793 | 17.993 | 168.198 | 29154.223 | 33659.270 | 21.263 | 22888.305 |
| 34.300 | 1.015 | 14.646 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 73.816 | 17.992 | 168.249 | 29153.410 | 33658.457 | 21.263 | 22887.752 |
| 34.301 | 1.015 | 14.644 | | | | | | |
| 1/10/2017 6:20:00 PM | 505200.000 | 73.812 | 17.992 | 168.239 | 29135.268 | 33637.633 | 21.248 | 22873.590 |
| 34.323 | 1.015 | 14.642 | | | | | | |
| 1/10/2017 6:25:00 PM | 505500.000 | 73.814 | 17.993 | 168.246 | 29146.322 | 33650.148 | 21.257 | 22882.104 |
| 34.310 | 1.015 | 14.640 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 73.815 | 17.993 | 168.246 | 29153.809 | 33658.789 | 21.263 | 22887.979 |
| 34.301 | 1.015 | 14.638 | | | | | | |
| 1/10/2017 6:35:00 PM | 506100.000 | 73.816 | 17.993 | 168.250 | 29158.701 | 33664.438 | 21.267 | 22891.818 |
| 34.295 | 1.015 | 14.638 | | | | | | |
| 1/10/2017 6:40:00 PM | 506400.000 | 73.816 | 17.993 | 168.248 | 29157.512 | 33662.992 | 21.266 | 22890.834 |
| 34.296 | 1.015 | 14.639 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 73.815 | 17.993 | 168.247 | 29143.084 | 33646.336 | 21.254 | 22879.510 |
| 34.313 | 1.015 | 14.639 | | | | | | |
| 1/10/2017 6:50:00 PM | 507000.000 | 73.820 | 17.993 | 168.259 | 29152.916 | 33657.684 | 21.262 | 22887.227 |
| 34.302 | 1.015 | 14.634 | | | | | | |
| 1/10/2017 6:55:00 PM | 507300.000 | 73.823 | 17.992 | 168.266 | 29156.387 | 33662.152 | 21.265 | 22890.264 |
| 34.298 | 1.015 | 14.630 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 73.829 | 17.993 | 168.280 | 29141.324 | 33644.301 | 21.253 | 22878.127 |
| 34.316 | 1.015 | 14.625 | | | | | | |
| 1/10/2017 7:05:00 PM | 507900.000 | 73.829 | 17.992 | 168.280 | 29146.553 | 33650.539 | 21.257 | 22882.367 |
| 34.309 | 1.015 | 14.626 | | | | | | |
| 1/10/2017 7:10:00 PM | 508200.000 | 73.826 | 17.993 | 168.272 | 29151.301 | 33655.629 | 21.261 | 22885.830 |
| 34.304 | 1.015 | 14.627 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 73.813 | 17.993 | 168.243 | 29144.627 | 33648.117 | 21.256 | 22880.723 |
| 34.312 | 1.015 | 14.628 | | | | | | |
| 1/10/2017 7:20:00 PM | 508800.000 | 73.816 | 17.992 | 168.251 | 29144.094 | 33647.699 | 21.255 | 22880.436 |
| 34.312 | 1.015 | 14.624 | | | | | | |
| 1/10/2017 7:25:00 PM | 509100.000 | 73.837 | 17.992 | 168.298 | 29146.496 | 33650.473 | 21.257 | 22882.324 |
| 34.309 | 1.015 | 14.621 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 73.849 | 17.993 | 168.325 | 29161.207 | 33667.332 | 21.269 | 22893.785 |
| 34.292 | 1.015 | 14.617 | | | | | | |
| 1/10/2017 7:35:00 PM | 509700.000 | 73.842 | 17.992 | 168.309 | 29156.504 | 33661.961 | 21.265 | 22890.135 |
| 34.298 | 1.015 | 14.619 | | | | | | |
| 1/10/2017 7:40:00 PM | 510000.000 | 73.846 | 17.993 | 168.317 | 29169.572 | 33676.988 | 21.276 | 22900.352 |
| 34.282 | 1.015 | 14.621 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 73.843 | 17.992 | 168.312 | 29159.934 | 33666.113 | 21.268 | 22892.957 |
| 34.294 | 1.015 | 14.624 | | | | | | |
| 1/10/2017 7:50:00 PM | 510600.000 | 73.844 | 17.993 | 168.314 | 29143.912 | 33647.363 | 21.255 | 22880.209 |
| 34.312 | 1.015 | 14.621 | | | | | | |
| 1/10/2017 7:55:00 PM | 510900.000 | 73.850 | 17.992 | 168.327 | 29145.963 | 33649.926 | 21.257 | 22881.951 |
| 34.310 | 1.015 | 14.619 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/10/2017 8:00:00 PM | 511200.000 | 73.853 | 17.992 | 168.333 | 29149.838 | 33654.332 | 21.260 | 22884.947 |
| 34.306 | 1.015 | 14.617 | | | | | | |
| 1/10/2017 8:05:00 PM | 511500.000 | 73.862 | 17.992 | 168.355 | 29170.992 | 33678.879 | 21.277 | 22901.641 |
| 34.281 | 1.015 | 14.617 | | | | | | |
| 1/10/2017 8:10:00 PM | 511800.000 | 73.861 | 17.992 | 168.351 | 29143.979 | 33647.500 | 21.255 | 22880.303 |
| 34.312 | 1.015 | 14.616 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 73.865 | 17.992 | 168.361 | 29138.756 | 33641.734 | 21.251 | 22876.381 |
| 34.319 | 1.015 | 14.616 | | | | | | |
| 1/10/2017 8:20:00 PM | 512400.000 | 73.863 | 17.992 | 168.357 | 29154.037 | 33659.305 | 21.263 | 22888.328 |
| 34.301 | 1.015 | 14.617 | | | | | | |
| 1/10/2017 8:25:00 PM | 512700.000 | 73.870 | 17.992 | 168.372 | 29153.268 | 33658.223 | 21.263 | 22887.592 |
| 34.301 | 1.015 | 14.618 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 73.851 | 17.992 | 168.329 | 29151.621 | 33656.586 | 21.262 | 22886.480 |
| 34.303 | 1.015 | 14.619 | | | | | | |
| 1/10/2017 8:35:00 PM | 513300.000 | 73.869 | 17.992 | 168.370 | 29166.406 | 33673.391 | 21.273 | 22897.908 |
| 34.286 | 1.015 | 14.615 | | | | | | |
| 1/10/2017 8:40:00 PM | 513600.000 | 73.875 | 17.993 | 168.384 | 29152.162 | 33656.754 | 21.262 | 22886.596 |
| 34.303 | 1.015 | 14.611 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 73.885 | 17.992 | 168.406 | 29153.762 | 33658.859 | 21.263 | 22888.027 |
| 34.301 | 1.015 | 14.607 | | | | | | |
| 1/10/2017 8:50:00 PM | 514200.000 | 73.890 | 17.993 | 168.418 | 29165.162 | 33671.824 | 21.272 | 22896.842 |
| 34.287 | 1.015 | 14.609 | | | | | | |
| 1/10/2017 8:55:00 PM | 514500.000 | 73.890 | 17.993 | 168.418 | 29143.949 | 33646.895 | 21.255 | 22879.891 |
| 34.312 | 1.015 | 14.611 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 73.889 | 17.993 | 168.416 | 29160.938 | 33667.020 | 21.269 | 22893.576 |
| 34.292 | 1.015 | 14.612 | | | | | | |
| 1/10/2017 9:05:00 PM | 515100.000 | 73.884 | 17.993 | 168.404 | 29153.324 | 33658.230 | 21.263 | 22887.598 |
| 34.301 | 1.015 | 14.620 | | | | | | |
| 1/10/2017 9:10:00 PM | 515400.000 | 73.880 | 17.993 | 168.394 | 29155.488 | 33660.594 | 21.264 | 22889.203 |
| 34.299 | 1.015 | 14.628 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 73.895 | 17.992 | 168.430 | 29158.924 | 33664.820 | 21.267 | 22892.078 |
| 34.295 | 1.015 | 14.635 | | | | | | |
| 1/10/2017 9:20:00 PM | 516000.000 | 73.902 | 17.992 | 168.446 | 29153.990 | 33659.059 | 21.263 | 22888.160 |
| 34.301 | 1.015 | 14.640 | | | | | | |
| 1/10/2017 9:25:00 PM | 516300.000 | 73.894 | 17.993 | 168.427 | 29148.385 | 33652.016 | 21.258 | 22883.371 |
| 34.307 | 1.015 | 14.644 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 73.883 | 17.992 | 168.402 | 29148.740 | 33652.996 | 21.259 | 22884.039 |
| 34.307 | 1.015 | 14.649 | | | | | | |
| 1/10/2017 9:35:00 PM | 516900.000 | 73.898 | 17.992 | 168.436 | 29155.680 | 33661.199 | 21.265 | 22889.615 |
| 34.299 | 1.015 | 14.647 | | | | | | |
| 1/10/2017 9:40:00 PM | 517200.000 | 73.903 | 17.992 | 168.447 | 29144.182 | 33647.867 | 21.255 | 22880.553 |
| 34.312 | 1.015 | 14.646 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 73.908 | 17.992 | 168.460 | 29146.920 | 33651.285 | 21.258 | 22882.875 |
| 34.309 | 1.015 | 14.644 | | | | | | |
| 1/10/2017 9:50:00 PM | 517800.000 | 73.908 | 17.993 | 168.460 | 29143.822 | 33647.262 | 21.255 | 22880.141 |
| 34.313 | 1.015 | 14.649 | | | | | | |
| 1/10/2017 9:55:00 PM | 518100.000 | 73.903 | 17.992 | 168.448 | 29148.607 | 33653.035 | 21.259 | 22884.066 |
| 34.307 | 1.015 | 14.654 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 73.899 | 17.992 | 168.438 | 29145.371 | 33649.105 | 21.256 | 22881.393 |
| 34.311 | 1.015 | 14.659 | | | | | | |
| 1/10/2017 10:05:00 PM | 518700.000 | 73.882 | 17.993 | 168.400 | 29137.971 | 33640.367 | 21.250 | 22875.449 |
| 34.319 | 1.015 | 14.657 | | | | | | |
| 1/10/2017 10:10:00 PM | 519000.000 | 73.910 | 17.993 | 168.463 | 29155.285 | 33660.301 | 21.264 | 22889.006 |
| 34.299 | 1.015 | 14.654 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 73.914 | 17.992 | 168.474 | 29158.371 | 33664.184 | 21.267 | 22891.645 |
| 34.295 | 1.015 | 14.652 | | | | | | |
| 1/10/2017 10:20:00 PM | 519600.000 | 73.897 | 17.992 | 168.435 | 29160.891 | 33667.023 | 21.269 | 22893.578 |
| 34.293 | 1.015 | 14.650 | | | | | | |
| 1/10/2017 10:25:00 PM | 519900.000 | 73.924 | 17.993 | 168.497 | 29160.609 | 33666.504 | 21.268 | 22893.223 |
| 34.293 | 1.015 | 14.648 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 73.935 | 17.993 | 168.521 | 29148.111 | 33652.211 | 21.259 | 22883.504 |
| 34.308 | 1.015 | 14.645 | | | | | | |
| 1/10/2017 10:35:00 PM | 520500.000 | 73.921 | 17.993 | 168.489 | 29155.225 | 33660.352 | 21.264 | 22889.039 |
| 34.299 | 1.015 | 14.649 | | | | | | |
| 1/10/2017 10:40:00 PM | 520800.000 | 73.925 | 17.993 | 168.499 | 29156.723 | 33662.020 | 21.265 | 22890.176 |
| 34.297 | 1.015 | 14.652 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 73.922 | 17.993 | 168.491 | 29146.105 | 33649.703 | 21.257 | 22881.799 |
| 34.310 | 1.015 | 14.655 | | | | | | |
| 1/10/2017 10:50:00 PM | 521400.000 | 73.921 | 17.992 | 168.488 | 29149.660 | 33654.059 | 21.260 | 22884.760 |
| 34.306 | 1.015 | 14.657 | | | | | | |
| 1/10/2017 10:55:00 PM | 521700.000 | 73.924 | 17.993 | 168.495 | 29147.947 | 33651.703 | 21.258 | 22883.160 |
| 34.308 | 1.015 | 14.658 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 73.925 | 17.993 | 168.498 | 29151.801 | 33656.336 | 21.261 | 22886.311 |
| 34.303 | 1.015 | 14.660 | | | | | | |
| 1/10/2017 11:05:00 PM | 522300.000 | 73.925 | 17.992 | 168.498 | 29152.803 | 33657.688 | 21.262 | 22887.230 |
| 34.302 | 1.015 | 14.660 | | | | | | |
| 1/10/2017 11:10:00 PM | 522600.000 | 73.929 | 17.993 | 168.508 | 29151.156 | 33655.336 | 21.261 | 22885.629 |
| 34.304 | 1.015 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 73.932 | 17.993 | 168.513 | 29149.611 | 33653.680 | 21.260 | 22884.502 |
| 34.306 | 1.015 | 14.660 | | | | | | |
| 1/10/2017 11:20:00 PM | 523200.000 | 73.933 | 17.992 | 168.517 | 29144.643 | 33648.594 | 21.256 | 22881.047 |
| 34.312 | 1.015 | 14.659 | | | | | | |
| 1/10/2017 11:25:00 PM | 523500.000 | 73.933 | 17.993 | 168.517 | 29163.572 | 33669.988 | 21.271 | 22895.594 |
| 34.289 | 1.015 | 14.657 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 73.936 | 17.992 | 168.524 | 29155.082 | 33660.316 | 21.264 | 22889.018 |
| 34.299 | 1.015 | 14.656 | | | | | | |
| 1/10/2017 11:35:00 PM | 524100.000 | 73.940 | 17.992 | 168.532 | 29147.922 | 33652.051 | 21.258 | 22883.396 |
| 34.308 | 1.015 | 14.656 | | | | | | |
| 1/10/2017 11:40:00 PM | 524400.000 | 73.938 | 17.993 | 168.527 | 29139.529 | 33642.230 | 21.252 | 22876.719 |
| 34.318 | 1.015 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 73.923 | 17.993 | 168.493 | 29149.244 | 33653.445 | 21.259 | 22884.344 |
| 34.306 | 1.015 | 14.657 | | | | | | |
| 1/10/2017 11:50:00 PM | 525000.000 | 73.936 | 17.993 | 168.524 | 29158.877 | 33664.504 | 21.267 | 22891.865 |
| 34.295 | 1.015 | 14.658 | | | | | | |
| 1/10/2017 11:55:00 PM | 525300.000 | 73.937 | 17.992 | 168.525 | 29150.109 | 33654.578 | 21.260 | 22885.115 |
| 34.305 | 1.015 | 14.659 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 73.912 | 17.992 | 168.469 | 29160.926 | 33667.133 | 21.269 | 22893.652 |
| 34.292 | 1.015 | 14.660 | | | | | | |
| 1/11/2017 12:05:00 AM | 525900.000 | 73.940 | 17.993 | 168.532 | 29153.666 | 33658.434 | 21.263 | 22887.736 |
| 34.301 | 1.015 | 14.657 | | | | | | |
| 1/11/2017 12:10:00 AM | 526200.000 | 73.942 | 17.993 | 168.536 | 29146.604 | 33650.281 | 21.257 | 22882.193 |
| 34.309 | 1.015 | 14.654 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 73.940 | 17.993 | 168.533 | 29143.043 | 33646.168 | 21.254 | 22879.396 |
| 34.314 | 1.015 | 14.651 | | | | | | |
| 1/11/2017 12:20:00 AM | 526800.000 | 73.944 | 17.993 | 168.542 | 29146.328 | 33650.016 | 21.257 | 22882.014 |
| 34.310 | 1.015 | 14.653 | | | | | | |
| 1/11/2017 12:25:00 AM | 527100.000 | 73.939 | 17.992 | 168.530 | 29158.283 | 33664.277 | 21.267 | 22891.711 |
| 34.296 | 1.015 | 14.655 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 73.940 | 17.992 | 168.533 | 29149.199 | 33653.660 | 21.260 | 22884.488 |
| 34.306 | 1.015 | 14.657 | | | | | | |
| 1/11/2017 12:35:00 AM | 527700.000 | 73.939 | 17.993 | 168.530 | 29151.756 | 33656.152 | 21.261 | 22886.186 |
| 34.303 | 1.015 | 14.658 | | | | | | |
| 1/11/2017 12:40:00 AM | 528000.000 | 73.935 | 17.993 | 168.521 | 29163.496 | 33669.840 | 21.271 | 22895.492 |
| 34.289 | 1.015 | 14.660 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 73.931 | 17.993 | 168.511 | 29155.768 | 33660.914 | 21.265 | 22889.424 |
| 34.299 | 1.015 | 14.661 | | | | | | |
| 1/11/2017 12:50:00 AM | 528600.000 | 73.937 | 17.993 | 168.524 | 29153.111 | 33657.664 | 21.262 | 22887.213 |
| 34.302 | 1.015 | 14.660 | | | | | | |
| 1/11/2017 12:55:00 AM | 528900.000 | 73.939 | 17.993 | 168.531 | 29145.916 | 33649.285 | 21.257 | 22881.516 |
| 34.310 | 1.015 | 14.658 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 73.938 | 17.993 | 168.528 | 29151.346 | 33655.945 | 21.261 | 22886.043 |
| 34.304 | 1.015 | 14.657 | | | | | | |
| 1/11/2017 1:05:00 AM | 529500.000 | 73.939 | 17.993 | 168.530 | 29163.994 | 33669.961 | 21.271 | 22895.574 |
| 34.289 | 1.015 | 14.655 | | | | | | |
| 1/11/2017 1:10:00 AM | 529800.000 | 73.951 | 17.992 | 168.558 | 29143.498 | 33647.137 | 21.255 | 22880.055 |
| 34.313 | 1.015 | 14.654 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 73.948 | 17.992 | 168.551 | 29142.396 | 33645.863 | 21.254 | 22879.189 |
| 34.314 | 1.015 | 14.652 | | | | | | |
| 1/11/2017 1:20:00 AM | 530400.000 | 73.943 | 17.993 | 168.538 | 29155.363 | 33660.395 | 21.264 | 22889.068 |
| 34.299 | 1.015 | 14.655 | | | | | | |
| 1/11/2017 1:25:00 AM | 530700.000 | 73.943 | 17.993 | 168.539 | 29159.789 | 33665.371 | 21.268 | 22892.455 |
| 34.294 | 1.015 | 14.659 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 73.940 | 17.993 | 168.532 | 29144.318 | 33647.832 | 21.255 | 22880.525 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.312 | 1.015 | 14.662 | | | | | | |
| 1/11/2017 1:35:00 AM | 531300.000 | 73.939 | 17.993 | 168.529 | 29148.604 | 33652.590 | 21.259 | 22883.762 |
| 34.307 | 1.015 | 14.663 | | | | | | |
| 1/11/2017 1:40:00 AM | 531600.000 | 73.940 | 17.993 | 168.531 | 29150.936 | 33654.887 | 21.260 | 22885.322 |
| 34.304 | 1.015 | 14.665 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 73.938 | 17.993 | 168.528 | 29156.314 | 33661.547 | 21.265 | 22889.852 |
| 34.298 | 1.015 | 14.666 | | | | | | |
| 1/11/2017 1:50:00 AM | 532200.000 | 73.939 | 17.992 | 168.530 | 29141.332 | 33644.512 | 21.253 | 22878.270 |
| 34.316 | 1.015 | 14.667 | | | | | | |
| 1/11/2017 1:55:00 AM | 532500.000 | 73.936 | 17.992 | 168.523 | 29153.121 | 33658.188 | 21.263 | 22887.570 |
| 34.302 | 1.015 | 14.668 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 73.937 | 17.993 | 168.526 | 29147.150 | 33650.711 | 21.257 | 22882.486 |
| 34.309 | 1.015 | 14.669 | | | | | | |
| 1/11/2017 2:05:00 AM | 533100.000 | 73.934 | 17.993 | 168.518 | 29144.352 | 33647.605 | 21.255 | 22880.373 |
| 34.312 | 1.015 | 14.668 | | | | | | |
| 1/11/2017 2:10:00 AM | 533400.000 | 73.938 | 17.992 | 168.527 | 29156.826 | 33662.465 | 21.266 | 22890.479 |
| 34.297 | 1.015 | 14.666 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 73.911 | 17.992 | 168.467 | 29161.473 | 33667.891 | 21.269 | 22894.166 |
| 34.292 | 1.015 | 14.665 | | | | | | |
| 1/11/2017 2:20:00 AM | 534000.000 | 73.940 | 17.993 | 168.533 | 29146.695 | 33650.578 | 21.257 | 22882.393 |
| 34.309 | 1.015 | 14.666 | | | | | | |
| 1/11/2017 2:25:00 AM | 534300.000 | 73.935 | 17.993 | 168.521 | 29162.105 | 33668.047 | 21.270 | 22894.271 |
| 34.291 | 1.015 | 14.666 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 73.934 | 17.992 | 168.518 | 29159.377 | 33665.469 | 21.268 | 22892.521 |
| 34.294 | 1.015 | 14.666 | | | | | | |
| 1/11/2017 2:35:00 AM | 534900.000 | 73.933 | 17.992 | 168.515 | 29148.740 | 33652.996 | 21.259 | 22884.039 |
| 34.307 | 1.015 | 14.668 | | | | | | |
| 1/11/2017 2:40:00 AM | 535200.000 | 73.913 | 17.992 | 168.470 | 29156.416 | 33661.926 | 21.265 | 22890.109 |
| 34.298 | 1.015 | 14.669 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 73.933 | 17.992 | 168.517 | 29145.092 | 33648.852 | 21.256 | 22881.221 |
| 34.311 | 1.015 | 14.671 | | | | | | |
| 1/11/2017 2:50:00 AM | 535800.000 | 73.924 | 17.993 | 168.495 | 29156.314 | 33661.609 | 21.265 | 22889.896 |
| 34.298 | 1.015 | 14.671 | | | | | | |
| 1/11/2017 2:55:00 AM | 536100.000 | 73.933 | 17.993 | 168.516 | 29159.971 | 33665.832 | 21.268 | 22892.768 |
| 34.294 | 1.015 | 14.672 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 73.928 | 17.993 | 168.506 | 29157.033 | 33662.438 | 21.266 | 22890.459 |
| 34.297 | 1.015 | 14.672 | | | | | | |
| 1/11/2017 3:05:00 AM | 536700.000 | 73.914 | 17.993 | 168.473 | 29156.678 | 33661.781 | 21.265 | 22890.014 |
| 34.297 | 1.015 | 14.670 | | | | | | |
| 1/11/2017 3:10:00 AM | 537000.000 | 73.934 | 17.993 | 168.518 | 29150.342 | 33654.199 | 21.260 | 22884.857 |
| 34.305 | 1.015 | 14.669 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 73.940 | 17.992 | 168.531 | 29156.127 | 33661.789 | 21.265 | 22890.018 |
| 34.298 | 1.015 | 14.668 | | | | | | |
| 1/11/2017 3:20:00 AM | 537600.000 | 73.918 | 17.992 | 168.482 | 29146.988 | 33650.973 | 21.258 | 22882.664 |
| 34.309 | 1.015 | 14.670 | | | | | | |
| 1/11/2017 3:25:00 AM | 537900.000 | 73.933 | 17.992 | 168.515 | 29159.459 | 33665.637 | 21.268 | 22892.633 |
| 34.294 | 1.015 | 14.673 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 73.935 | 17.993 | 168.520 | 29147.445 | 33651.176 | 21.258 | 22882.799 |
| 34.308 | 1.015 | 14.675 | | | | | | |
| 1/11/2017 3:35:00 AM | 538500.000 | 73.913 | 17.993 | 168.470 | 29150.611 | 33655.023 | 21.260 | 22885.418 |
| 34.305 | 1.015 | 14.674 | | | | | | |
| 1/11/2017 3:40:00 AM | 538800.000 | 73.934 | 17.993 | 168.518 | 29160.467 | 33666.020 | 21.268 | 22892.893 |
| 34.293 | 1.015 | 14.673 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 73.934 | 17.992 | 168.519 | 29154.518 | 33659.859 | 21.264 | 22888.707 |
| 34.300 | 1.015 | 14.671 | | | | | | |
| 1/11/2017 3:50:00 AM | 539400.000 | 73.938 | 17.993 | 168.527 | 29170.016 | 33677.500 | 21.276 | 22900.701 |
| 34.282 | 1.015 | 14.673 | | | | | | |
| 1/11/2017 3:55:00 AM | 539700.000 | 73.936 | 17.993 | 168.523 | 29155.959 | 33661.008 | 21.265 | 22889.488 |
| 34.298 | 1.015 | 14.675 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 73.915 | 17.993 | 168.476 | 29157.816 | 33663.227 | 21.266 | 22890.994 |
| 34.296 | 1.015 | 14.676 | | | | | | |
| 1/11/2017 4:05:00 AM | 540300.000 | 73.936 | 17.993 | 168.523 | 29157.508 | 33663.063 | 21.266 | 22890.885 |
| 34.296 | 1.015 | 14.677 | | | | | | |
| 1/11/2017 4:10:00 AM | 540600.000 | 73.942 | 17.993 | 168.536 | 29145.596 | 33649.309 | 21.257 | 22881.531 |
| 34.311 | 1.015 | 14.678 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 73.917 | 17.993 | 168.479 | 29128.244 | 33629.203 | 21.243 | 22867.859 |
| 34.331 | 1.015 | 14.678 | | | | | | |
| 1/11/2017 4:20:00 AM | 541200.000 | 73.932 | 17.993 | 168.514 | 29139.068 | 33641.773 | 21.251 | 22876.408 |
| 34.318 | 1.015 | 14.679 | | | | | | |
| 1/11/2017 4:25:00 AM | 541500.000 | 73.938 | 17.993 | 168.528 | 29152.320 | 33656.996 | 21.262 | 22886.760 |
| 34.303 | 1.015 | 14.679 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 73.940 | 17.993 | 168.532 | 29150.611 | 33654.906 | 21.260 | 22885.338 |
| 34.305 | 1.015 | 14.679 | | | | | | |
| 1/11/2017 4:35:00 AM | 542100.000 | 73.936 | 17.992 | 168.522 | 29160.563 | 33666.645 | 21.269 | 22893.320 |
| 34.293 | 1.015 | 14.680 | | | | | | |
| 1/11/2017 4:40:00 AM | 542400.000 | 73.939 | 17.992 | 168.530 | 29162.566 | 33669.027 | 21.270 | 22894.941 |
| 34.291 | 1.015 | 14.680 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 73.940 | 17.992 | 168.533 | 29142.490 | 33645.973 | 21.254 | 22879.264 |
| 34.314 | 1.015 | 14.680 | | | | | | |
| 1/11/2017 4:50:00 AM | 543000.000 | 73.945 | 17.992 | 168.543 | 29159.914 | 33665.965 | 21.268 | 22892.857 |
| 34.294 | 1.015 | 14.678 | | | | | | |
| 1/11/2017 4:55:00 AM | 543300.000 | 73.945 | 17.993 | 168.544 | 29165.539 | 33672.195 | 21.272 | 22897.094 |
| 34.287 | 1.015 | 14.677 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 73.948 | 17.992 | 168.550 | 29154.215 | 33659.508 | 21.264 | 22888.467 |
| 34.300 | 1.015 | 14.675 | | | | | | |
| 1/11/2017 5:05:00 AM | 543900.000 | 73.953 | 17.993 | 168.561 | 29158.053 | 33663.297 | 21.266 | 22891.045 |
| 34.296 | 1.015 | 14.673 | | | | | | |
| 1/11/2017 5:10:00 AM | 544200.000 | 73.956 | 17.993 | 168.568 | 29166.055 | 33672.734 | 21.273 | 22897.461 |
| 34.286 | 1.015 | 14.671 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 73.958 | 17.993 | 168.574 | 29162.297 | 33668.590 | 21.270 | 22894.643 |
| 34.291 | 1.015 | 14.669 | | | | | | |
| 1/11/2017 5:20:00 AM | 544800.000 | 73.965 | 17.993 | 168.588 | 29156.355 | 33661.340 | 21.265 | 22889.711 |
| 34.298 | 1.015 | 14.670 | | | | | | |
| 1/11/2017 5:25:00 AM | 545100.000 | 73.964 | 17.993 | 168.586 | 29143.734 | 33647.160 | 21.255 | 22880.070 |
| 34.313 | 1.015 | 14.671 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 73.963 | 17.992 | 168.584 | 29152.793 | 33657.867 | 21.262 | 22887.350 |
| 34.302 | 1.015 | 14.671 | | | | | | |
| 1/11/2017 5:35:00 AM | 545700.000 | 73.968 | 17.993 | 168.596 | 29163.492 | 33669.648 | 21.271 | 22895.363 |
| 34.289 | 1.015 | 14.672 | | | | | | |
| 1/11/2017 5:40:00 AM | 546000.000 | 73.971 | 17.993 | 168.602 | 29157.691 | 33663.273 | 21.266 | 22891.025 |
| 34.296 | 1.015 | 14.672 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 73.969 | 17.993 | 168.597 | 29159.314 | 33664.824 | 21.267 | 22892.080 |
| 34.294 | 1.015 | 14.672 | | | | | | |
| 1/11/2017 5:50:00 AM | 546600.000 | 73.970 | 17.993 | 168.600 | 29165.074 | 33671.797 | 21.272 | 22896.824 |
| 34.288 | 1.015 | 14.673 | | | | | | |
| 1/11/2017 5:55:00 AM | 546900.000 | 73.977 | 17.992 | 168.617 | 29159.371 | 33665.270 | 21.268 | 22892.383 |
| 34.294 | 1.015 | 14.673 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 73.982 | 17.993 | 168.628 | 29145.771 | 33649.320 | 21.257 | 22881.539 |
| 34.310 | 1.015 | 14.673 | | | | | | |
| 1/11/2017 6:05:00 AM | 547500.000 | 73.979 | 17.993 | 168.620 | 29153.895 | 33658.238 | 21.263 | 22887.602 |
| 34.301 | 1.015 | 14.675 | | | | | | |
| 1/11/2017 6:10:00 AM | 547800.000 | 73.986 | 17.993 | 168.636 | 29158.314 | 33663.801 | 21.267 | 22891.387 |
| 34.296 | 1.015 | 14.677 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 74.008 | 17.993 | 168.686 | 29162.934 | 33669.250 | 21.270 | 22895.090 |
| 34.290 | 1.015 | 14.679 | | | | | | |
| 1/11/2017 6:20:00 AM | 548400.000 | 73.990 | 17.992 | 168.645 | 29156.773 | 33662.406 | 21.266 | 22890.436 |
| 34.297 | 1.015 | 14.682 | | | | | | |
| 1/11/2017 6:25:00 AM | 548700.000 | 73.987 | 17.993 | 168.639 | 29176.100 | 33684.453 | 21.281 | 22905.428 |
| 34.275 | 1.015 | 14.685 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 73.988 | 17.993 | 168.641 | 29166.619 | 33673.445 | 21.273 | 22897.943 |
| 34.286 | 1.015 | 14.688 | | | | | | |
| 1/11/2017 6:35:00 AM | 549300.000 | 73.989 | 17.993 | 168.644 | 29166.900 | 33673.906 | 21.274 | 22898.256 |
| 34.285 | 1.015 | 14.686 | | | | | | |
| 1/11/2017 6:40:00 AM | 549600.000 | 73.996 | 17.993 | 168.660 | 29152.436 | 33657.012 | 21.262 | 22886.768 |
| 34.302 | 1.015 | 14.683 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 74.002 | 17.993 | 168.674 | 29163.301 | 33669.289 | 21.270 | 22895.119 |
| 34.290 | 1.015 | 14.681 | | | | | | |
| 1/11/2017 6:50:00 AM | 550200.000 | 74.004 | 17.993 | 168.679 | 29150.979 | 33655.258 | 21.261 | 22885.578 |
| 34.304 | 1.015 | 14.682 | | | | | | |
| 1/11/2017 6:55:00 AM | 550500.000 | 74.004 | 17.993 | 168.678 | 29164.672 | 33671.141 | 21.272 | 22896.375 |
| 34.288 | 1.015 | 14.682 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 74.009 | 17.993 | 168.689 | 29154.076 | 33659.023 | 21.263 | 22888.139 |
| 34.301 | 1.015 | 14.683 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/11/2017 7:05:00 AM | 551100.000 | 74.014 | 17.993 | 168.701 | 29153.607 | 33658.367 | 21.263 | 22887.689 |
| 34.301 | 1.015 | 14.683 | | | | | | |
| 1/11/2017 7:10:00 AM | 551400.000 | 74.018 | 17.992 | 168.710 | 29159.689 | 33665.828 | 21.268 | 22892.766 |
| 34.294 | 1.015 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 74.028 | 17.993 | 168.732 | 29157.906 | 33663.129 | 21.266 | 22890.928 |
| 34.296 | 1.015 | 14.683 | | | | | | |
| 1/11/2017 7:20:00 AM | 552000.000 | 74.021 | 17.993 | 168.718 | 29157.676 | 33662.934 | 21.266 | 22890.797 |
| 34.296 | 1.015 | 14.684 | | | | | | |
| 1/11/2017 7:25:00 AM | 552300.000 | 74.027 | 17.993 | 168.731 | 29146.225 | 33649.383 | 21.257 | 22881.580 |
| 34.310 | 1.015 | 14.685 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 74.029 | 17.993 | 168.735 | 29165.471 | 33671.664 | 21.272 | 22896.734 |
| 34.287 | 1.015 | 14.687 | | | | | | |
| 1/11/2017 7:35:00 AM | 552900.000 | 74.033 | 17.993 | 168.745 | 29174.074 | 33681.996 | 21.279 | 22903.760 |
| 34.277 | 1.015 | 14.688 | | | | | | |
| 1/11/2017 7:40:00 AM | 553200.000 | 74.031 | 17.993 | 168.739 | 29167.303 | 33674.047 | 21.274 | 22898.354 |
| 34.285 | 1.015 | 14.689 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 74.036 | 17.993 | 168.750 | 29164.744 | 33670.902 | 21.272 | 22896.213 |
| 34.288 | 1.015 | 14.689 | | | | | | |
| 1/11/2017 7:50:00 AM | 553800.000 | 74.036 | 17.993 | 168.750 | 29165.393 | 33671.773 | 21.272 | 22896.809 |
| 34.287 | 1.015 | 14.692 | | | | | | |
| 1/11/2017 7:55:00 AM | 554100.000 | 74.038 | 17.993 | 168.756 | 29172.463 | 33680.004 | 21.278 | 22902.402 |
| 34.279 | 1.015 | 14.694 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 74.036 | 17.993 | 168.751 | 29172.734 | 33680.250 | 21.278 | 22902.570 |
| 34.279 | 1.015 | 14.696 | | | | | | |
| 1/11/2017 8:05:00 AM | 554700.000 | 74.020 | 17.993 | 168.715 | 29157.627 | 33662.738 | 21.266 | 22890.664 |
| 34.296 | 1.015 | 14.697 | | | | | | |
| 1/11/2017 8:10:00 AM | 555000.000 | 74.047 | 17.993 | 168.776 | 29164.398 | 33671.016 | 21.272 | 22896.291 |
| 34.288 | 1.015 | 14.697 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 74.029 | 17.993 | 168.735 | 29162.053 | 33667.984 | 21.270 | 22894.232 |
| 34.291 | 1.015 | 14.698 | | | | | | |
| 1/11/2017 8:20:00 AM | 555600.000 | 74.053 | 17.993 | 168.789 | 29167.119 | 33673.836 | 21.274 | 22898.211 |
| 34.285 | 1.015 | 14.699 | | | | | | |
| 1/11/2017 8:25:00 AM | 555900.000 | 74.055 | 17.993 | 168.794 | 29180.135 | 33689.109 | 21.284 | 22908.594 |
| 34.270 | 1.015 | 14.701 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 74.053 | 17.993 | 168.791 | 29172.324 | 33679.973 | 21.278 | 22902.383 |
| 34.279 | 1.015 | 14.702 | | | | | | |
| 1/11/2017 8:35:00 AM | 556500.000 | 74.058 | 17.993 | 168.802 | 29168.414 | 33675.332 | 21.275 | 22899.227 |
| 34.284 | 1.015 | 14.700 | | | | | | |
| 1/11/2017 8:40:00 AM | 556800.000 | 74.066 | 17.993 | 168.820 | 29171.777 | 33678.945 | 21.277 | 22901.684 |
| 34.280 | 1.015 | 14.697 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 74.072 | 17.993 | 168.833 | 29160.602 | 33666.496 | 21.268 | 22893.217 |
| 34.293 | 1.015 | 14.694 | | | | | | |
| 1/11/2017 8:50:00 AM | 557400.000 | 74.071 | 17.993 | 168.831 | 29155.111 | 33659.645 | 21.264 | 22888.559 |
| 34.299 | 1.015 | 14.697 | | | | | | |
| 1/11/2017 8:55:00 AM | 557700.000 | 74.075 | 17.993 | 168.840 | 29158.004 | 33663.242 | 21.266 | 22891.006 |
| 34.296 | 1.015 | 14.699 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 74.057 | 17.993 | 168.799 | 29170.406 | 33677.629 | 21.276 | 22900.787 |
| 34.281 | 1.015 | 14.702 | | | | | | |
| 1/11/2017 9:05:00 AM | 558300.000 | 74.082 | 17.993 | 168.856 | 29164.475 | 33670.910 | 21.272 | 22896.219 |
| 34.288 | 1.015 | 14.702 | | | | | | |
| 1/11/2017 9:10:00 AM | 558600.000 | 74.080 | 17.993 | 168.850 | 29171.373 | 33678.801 | 21.277 | 22901.584 |
| 34.280 | 1.015 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 74.082 | 17.993 | 168.855 | 29180.453 | 33689.477 | 21.284 | 22908.844 |
| 34.270 | 1.015 | 14.702 | | | | | | |
| 1/11/2017 9:20:00 AM | 559200.000 | 74.089 | 17.993 | 168.872 | 29163.742 | 33669.992 | 21.271 | 22895.598 |
| 34.289 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 9:25:00 AM | 559500.000 | 74.067 | 17.993 | 168.821 | 29170.094 | 33677.270 | 21.276 | 22900.543 |
| 34.282 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 74.072 | 17.993 | 168.834 | 29168.078 | 33674.875 | 21.274 | 22898.916 |
| 34.284 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 9:35:00 AM | 560100.000 | 74.087 | 17.994 | 168.867 | 29168.223 | 33674.594 | 21.274 | 22898.725 |
| 34.284 | 1.015 | 14.708 | | | | | | |
| 1/11/2017 9:40:00 AM | 560400.000 | 74.081 | 17.993 | 168.854 | 29155.014 | 33659.859 | 21.264 | 22888.707 |
| 34.299 | 1.015 | 14.711 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 74.084 | 17.992 | 168.861 | 29161.516 | 33667.813 | 21.269 | 22894.113 |
| 34.292 | 1.015 | 14.714 | | | | | | |
| 1/11/2017 9:50:00 AM | 561000.000 | 74.088 | 17.993 | 168.868 | 29174.107 | 33681.766 | 21.279 | 22903.604 |
| 34.277 | 1.015 | 14.712 | | | | | | |
| 1/11/2017 9:55:00 AM | 561300.000 | 74.090 | 17.993 | 168.874 | 29173.389 | 33681.203 | 21.279 | 22903.219 |
| 34.278 | 1.015 | 14.711 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 74.092 | 17.993 | 168.879 | 29165.477 | 33671.871 | 21.272 | 22896.873 |
| 34.287 | 1.015 | 14.709 | | | | | | |
| 1/11/2017 10:05:00 AM | 561900.000 | 74.086 | 17.993 | 168.866 | 29158.172 | 33663.754 | 21.267 | 22891.355 |
| 34.296 | 1.015 | 14.713 | | | | | | |
| 1/11/2017 10:10:00 AM | 562200.000 | 74.089 | 17.993 | 168.871 | 29158.729 | 33664.078 | 21.267 | 22891.574 |
| 34.295 | 1.015 | 14.716 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 74.087 | 17.993 | 168.867 | 29185.922 | 33695.352 | 21.289 | 22912.842 |
| 34.263 | 1.015 | 14.720 | | | | | | |
| 1/11/2017 10:20:00 AM | 562800.000 | 74.088 | 17.993 | 168.870 | 29173.484 | 33680.992 | 21.279 | 22903.076 |
| 34.278 | 1.015 | 14.720 | | | | | | |
| 1/11/2017 10:25:00 AM | 563100.000 | 74.083 | 17.993 | 168.857 | 29157.352 | 33662.688 | 21.266 | 22890.629 |
| 34.297 | 1.015 | 14.719 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 74.081 | 17.993 | 168.853 | 29175.490 | 33683.430 | 21.280 | 22904.734 |
| 34.275 | 1.015 | 14.719 | | | | | | |
| 1/11/2017 10:35:00 AM | 563700.000 | 74.078 | 17.993 | 168.846 | 29172.621 | 33680.051 | 21.278 | 22902.438 |
| 34.279 | 1.015 | 14.721 | | | | | | |
| 1/11/2017 10:40:00 AM | 564000.000 | 74.077 | 17.993 | 168.844 | 29164.574 | 33670.828 | 21.271 | 22896.166 |
| 34.288 | 1.015 | 14.724 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 74.074 | 17.993 | 168.837 | 29173.746 | 33681.348 | 21.279 | 22903.318 |
| 34.277 | 1.015 | 14.726 | | | | | | |
| 1/11/2017 10:50:00 AM | 564600.000 | 74.073 | 17.993 | 168.835 | 29143.891 | 33646.883 | 21.255 | 22879.883 |
| 34.313 | 1.015 | 14.725 | | | | | | |
| 1/11/2017 10:55:00 AM | 564900.000 | 74.052 | 17.994 | 168.786 | 29161.102 | 33666.371 | 21.268 | 22893.133 |
| 34.292 | 1.015 | 14.725 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 74.063 | 17.993 | 168.813 | 29175.930 | 33684.008 | 21.281 | 22905.127 |
| 34.275 | 1.015 | 14.724 | | | | | | |
| 1/11/2017 11:05:00 AM | 565500.000 | 74.066 | 17.993 | 168.820 | 29168.285 | 33674.852 | 21.274 | 22898.898 |
| 34.284 | 1.015 | 14.724 | | | | | | |
| 1/11/2017 11:10:00 AM | 565800.000 | 74.043 | 17.993 | 168.766 | 29146.961 | 33650.563 | 21.257 | 22882.383 |
| 34.309 | 1.015 | 14.723 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 74.039 | 17.993 | 168.757 | 29175.678 | 33683.387 | 21.280 | 22904.705 |
| 34.275 | 1.015 | 14.722 | | | | | | |
| 1/11/2017 11:20:00 AM | 566400.000 | 74.057 | 17.993 | 168.799 | 29160.189 | 33665.508 | 21.268 | 22892.545 |
| 34.293 | 1.015 | 14.722 | | | | | | |
| 1/11/2017 11:25:00 AM | 566700.000 | 74.053 | 17.993 | 168.790 | 29168.904 | 33675.953 | 21.275 | 22899.648 |
| 34.283 | 1.015 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 74.029 | 17.993 | 168.735 | 29163.682 | 33669.676 | 21.271 | 22895.381 |
| 34.289 | 1.015 | 14.722 | | | | | | |
| 1/11/2017 11:35:00 AM | 567300.000 | 74.044 | 17.993 | 168.769 | 29167.820 | 33674.453 | 21.274 | 22898.631 |
| 34.284 | 1.015 | 14.722 | | | | | | |
| 1/11/2017 11:40:00 AM | 567600.000 | 74.044 | 17.993 | 168.768 | 29168.176 | 33674.789 | 21.274 | 22898.859 |
| 34.284 | 1.015 | 14.721 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 74.022 | 17.993 | 168.719 | 29170.189 | 33677.379 | 21.276 | 22900.617 |
| 34.282 | 1.015 | 14.721 | | | | | | |
| 1/11/2017 11:50:00 AM | 568200.000 | 74.037 | 17.993 | 168.753 | 29163.479 | 33669.688 | 21.271 | 22895.389 |
| 34.289 | 1.015 | 14.720 | | | | | | |
| 1/11/2017 11:55:00 AM | 568500.000 | 74.033 | 17.993 | 168.743 | 29159.373 | 33664.625 | 21.267 | 22891.947 |
| 34.294 | 1.015 | 14.719 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 74.025 | 17.993 | 168.726 | 29154.721 | 33659.383 | 21.264 | 22888.383 |
| 34.300 | 1.015 | 14.719 | | | | | | |
| 1/11/2017 12:05:00 PM | 569100.000 | 74.025 | 17.993 | 168.725 | 29156.492 | 33661.813 | 21.265 | 22890.033 |
| 34.298 | 1.015 | 14.717 | | | | | | |
| 1/11/2017 12:10:00 PM | 569400.000 | 74.000 | 17.993 | 168.669 | 29158.324 | 33663.613 | 21.266 | 22891.258 |
| 34.296 | 1.015 | 14.715 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 74.018 | 17.993 | 168.711 | 29156.086 | 33661.152 | 21.265 | 22889.586 |
| 34.298 | 1.015 | 14.714 | | | | | | |
| 1/11/2017 12:20:00 PM | 570000.000 | 73.994 | 17.993 | 168.654 | 29152.936 | 33657.645 | 21.262 | 22887.199 |
| 34.302 | 1.015 | 14.713 | | | | | | |
| 1/11/2017 12:25:00 PM | 570300.000 | 74.009 | 17.993 | 168.690 | 29153.260 | 33657.836 | 21.262 | 22887.328 |
| 34.301 | 1.015 | 14.712 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 74.007 | 17.993 | 168.684 | 29161.291 | 33667.164 | 21.269 | 22893.674 |
| 34.292 | 1.015 | 14.712 | | | | | | |
| 1/11/2017 12:35:00 PM | 570900.000 | 74.000 | 17.993 | 168.668 | 29156.037 | 33661.363 | 21.265 | 22889.729 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.298 | 1.015 | 14.711 | | | | | | |
| 1/11/2017 12:40:00 PM | 571200.000 | 73.996 | 17.993 | 168.661 | 29162.016 | 33667.941 | 21.269 | 22894.203 |
| 34.291 | 1.015 | 14.709 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 73.993 | 17.993 | 168.652 | 29157.227 | 33662.734 | 21.266 | 22890.662 |
| 34.297 | 1.015 | 14.708 | | | | | | |
| 1/11/2017 12:50:00 PM | 571800.000 | 73.991 | 17.993 | 168.648 | 29161.641 | 33667.512 | 21.269 | 22893.910 |
| 34.292 | 1.015 | 14.708 | | | | | | |
| 1/11/2017 12:55:00 PM | 572100.000 | 73.981 | 17.993 | 168.626 | 29154.078 | 33658.965 | 21.263 | 22888.096 |
| 34.301 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 73.960 | 17.993 | 168.578 | 29155.172 | 33660.227 | 21.264 | 22888.957 |
| 34.299 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 1:05:00 PM | 572700.000 | 73.976 | 17.993 | 168.613 | 29154.309 | 33659.047 | 21.263 | 22888.152 |
| 34.300 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 1:10:00 PM | 573000.000 | 73.972 | 17.993 | 168.604 | 29170.734 | 33677.871 | 21.276 | 22900.953 |
| 34.281 | 1.015 | 14.708 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 73.965 | 17.993 | 168.589 | 29171.104 | 33678.297 | 21.277 | 22901.244 |
| 34.280 | 1.015 | 14.708 | | | | | | |
| 1/11/2017 1:20:00 PM | 573600.000 | 73.961 | 17.993 | 168.579 | 29164.303 | 33670.516 | 21.271 | 22895.953 |
| 34.288 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 1:25:00 PM | 573900.000 | 73.932 | 17.993 | 168.514 | 29162.250 | 33668.078 | 21.270 | 22894.295 |
| 34.291 | 1.015 | 14.706 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 73.951 | 17.993 | 168.558 | 29162.344 | 33667.992 | 21.270 | 22894.236 |
| 34.291 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 1:35:00 PM | 574500.000 | 73.945 | 17.993 | 168.542 | 29172.115 | 33679.660 | 21.278 | 22902.170 |
| 34.279 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 1:40:00 PM | 574800.000 | 73.937 | 17.993 | 168.525 | 29155.168 | 33660.223 | 21.264 | 22888.953 |
| 34.299 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 73.935 | 17.993 | 168.522 | 29169.535 | 33676.871 | 21.276 | 22900.273 |
| 34.282 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 1:50:00 PM | 575400.000 | 73.929 | 17.993 | 168.507 | 29173.734 | 33681.723 | 21.279 | 22903.574 |
| 34.277 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 1:55:00 PM | 575700.000 | 73.926 | 17.993 | 168.500 | 29157.891 | 33662.789 | 21.266 | 22890.697 |
| 34.296 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 73.924 | 17.993 | 168.495 | 29169.994 | 33677.156 | 21.276 | 22900.469 |
| 34.282 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 2:05:00 PM | 576300.000 | 73.910 | 17.993 | 168.463 | 29161.939 | 33667.910 | 21.269 | 22894.180 |
| 34.291 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 2:10:00 PM | 576600.000 | 73.909 | 17.993 | 168.462 | 29163.391 | 33669.340 | 21.270 | 22895.150 |
| 34.290 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 73.263 | 17.993 | 166.990 | 29116.512 | 33615.465 | 21.233 | 22858.518 |
| 34.345 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 2:20:00 PM | 577200.000 | 73.242 | 17.996 | 166.942 | 29116.740 | 33613.727 | 21.232 | 22857.334 |
| 34.345 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 2:25:00 PM | 577500.000 | 73.233 | 17.998 | 166.920 | 29115.006 | 33609.656 | 21.229 | 22854.566 |
| 34.347 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 73.228 | 18.000 | 166.909 | 29105.023 | 33597.289 | 21.221 | 22846.156 |
| 34.358 | 1.015 | 14.706 | | | | | | |
| 1/11/2017 2:35:00 PM | 578100.000 | 73.220 | 18.001 | 166.892 | 29118.791 | 33611.758 | 21.231 | 22855.998 |
| 34.342 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 2:40:00 PM | 578400.000 | 73.216 | 18.004 | 166.881 | 29126.402 | 33618.930 | 21.236 | 22860.875 |
| 34.333 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 73.216 | 18.004 | 166.882 | 29129.920 | 33622.793 | 21.238 | 22863.500 |
| 34.329 | 1.015 | 14.702 | | | | | | |
| 1/11/2017 2:50:00 PM | 579000.000 | 73.209 | 18.004 | 166.866 | 29123.484 | 33614.980 | 21.233 | 22858.189 |
| 34.337 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 2:55:00 PM | 579300.000 | 73.203 | 18.005 | 166.852 | 29131.326 | 33623.902 | 21.239 | 22864.256 |
| 34.327 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 73.196 | 18.006 | 166.835 | 29134.840 | 33627.055 | 21.241 | 22866.398 |
| 34.323 | 1.015 | 14.706 | | | | | | |
| 1/11/2017 3:05:00 PM | 579900.000 | 73.187 | 18.006 | 166.816 | 29145.838 | 33639.676 | 21.250 | 22874.980 |
| 34.310 | 1.015 | 14.706 | | | | | | |
| 1/11/2017 3:10:00 PM | 580200.000 | 73.181 | 18.007 | 166.801 | 29152.082 | 33646.426 | 21.255 | 22879.572 |
| 34.303 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 73.177 | 18.007 | 166.792 | 29152.764 | 33646.699 | 21.255 | 22879.758 |
| 34.302 | 1.015 | 14.708 | | | | | | |
| 1/11/2017 3:20:00 PM | 580800.000 | 73.174 | 18.008 | 166.785 | 29155.000 | 33648.895 | 21.257 | 22881.248 |
| 34.299 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 3:25:00 PM | 581100.000 | 73.161 | 18.008 | 166.758 | 29160.650 | 33655.285 | 21.261 | 22885.596 |
| 34.293 | 1.015 | 14.706 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 73.163 | 18.009 | 166.762 | 29155.121 | 33648.129 | 21.256 | 22880.730 |
| 34.299 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 3:35:00 PM | 581700.000 | 73.158 | 18.010 | 166.750 | 29176.848 | 33672.230 | 21.273 | 22897.117 |
| 34.274 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 3:40:00 PM | 582000.000 | 73.154 | 18.010 | 166.742 | 29159.719 | 33652.332 | 21.259 | 22883.586 |
| 34.294 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 73.152 | 18.010 | 166.735 | 29178.178 | 33673.895 | 21.274 | 22898.248 |
| 34.272 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 3:50:00 PM | 582600.000 | 73.147 | 18.009 | 166.724 | 29200.764 | 33700.746 | 21.293 | 22916.510 |
| 34.246 | 1.015 | 14.702 | | | | | | |
| 1/11/2017 3:55:00 PM | 582900.000 | 73.145 | 18.009 | 166.719 | 29204.270 | 33704.465 | 21.295 | 22919.039 |
| 34.242 | 1.015 | 14.701 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 73.144 | 18.010 | 166.717 | 29214.244 | 33715.910 | 21.303 | 22926.818 |
| 34.230 | 1.015 | 14.700 | | | | | | |
| 1/11/2017 4:05:00 PM | 583500.000 | 73.130 | 18.010 | 166.686 | 29215.588 | 33717.461 | 21.304 | 22927.873 |
| 34.228 | 1.015 | 14.701 | | | | | | |
| 1/11/2017 4:10:00 PM | 583800.000 | 73.762 | 18.011 | 168.126 | 29237.473 | 33741.867 | 21.321 | 22944.471 |
| 34.203 | 1.015 | 14.702 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 73.778 | 18.002 | 168.163 | 29237.371 | 33748.570 | 21.326 | 22949.027 |
| 34.203 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 4:20:00 PM | 584400.000 | 73.776 | 18.007 | 168.157 | 29960.301 | 34579.191 | 21.905 | 23513.852 |
| 33.378 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 4:25:00 PM | 584700.000 | 73.775 | 17.996 | 168.155 | 29263.063 | 33782.250 | 21.349 | 22971.932 |
| 34.173 | 1.015 | 14.702 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 73.773 | 17.994 | 168.152 | 29204.682 | 33716.094 | 21.303 | 22926.945 |
| 34.241 | 1.015 | 14.702 | | | | | | |
| 1/11/2017 4:35:00 PM | 585300.000 | 73.764 | 17.995 | 168.131 | 29195.359 | 33705.266 | 21.295 | 22919.580 |
| 34.252 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 4:40:00 PM | 585600.000 | 73.758 | 17.994 | 168.118 | 29207.029 | 33718.934 | 21.305 | 22928.877 |
| 34.238 | 1.015 | 14.708 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 73.759 | 17.994 | 168.120 | 29174.830 | 33682.148 | 21.279 | 22903.861 |
| 34.276 | 1.015 | 14.710 | | | | | | |
| 1/11/2017 4:50:00 PM | 586200.000 | 73.757 | 17.993 | 168.115 | 29185.576 | 33694.754 | 21.288 | 22912.436 |
| 34.264 | 1.015 | 14.710 | | | | | | |
| 1/11/2017 4:55:00 PM | 586500.000 | 73.755 | 17.993 | 168.110 | 29185.490 | 33694.777 | 21.288 | 22912.451 |
| 34.264 | 1.015 | 14.709 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 73.730 | 17.993 | 168.054 | 29192.822 | 33703.316 | 21.294 | 22918.256 |
| 34.255 | 1.015 | 14.709 | | | | | | |
| 1/11/2017 5:05:00 PM | 587100.000 | 73.745 | 17.994 | 168.088 | 29173.352 | 33680.570 | 21.278 | 22902.789 |
| 34.278 | 1.015 | 14.708 | | | | | | |
| 1/11/2017 5:10:00 PM | 587400.000 | 73.751 | 17.993 | 168.102 | 29174.672 | 33682.363 | 21.280 | 22904.010 |
| 34.276 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 73.742 | 17.993 | 168.082 | 29184.357 | 33693.406 | 21.287 | 22911.516 |
| 34.265 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 5:20:00 PM | 588000.000 | 73.722 | 17.993 | 168.035 | 29244.172 | 33762.723 | 21.335 | 22958.652 |
| 34.195 | 1.015 | 14.706 | | | | | | |
| 1/11/2017 5:25:00 PM | 588300.000 | 73.746 | 17.993 | 168.090 | 29252.570 | 33772.621 | 21.342 | 22965.383 |
| 34.185 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 73.740 | 17.993 | 168.077 | 29246.973 | 33766.277 | 21.338 | 22961.068 |
| 34.192 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 5:35:00 PM | 588900.000 | 73.736 | 17.993 | 168.066 | 29237.205 | 33754.938 | 21.330 | 22953.357 |
| 34.203 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 5:40:00 PM | 589200.000 | 73.741 | 17.993 | 168.078 | 29236.684 | 33754.277 | 21.330 | 22952.910 |
| 34.204 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 73.733 | 17.993 | 168.061 | 29239.064 | 33757.219 | 21.332 | 22954.908 |
| 34.201 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 5:50:00 PM | 589800.000 | 73.740 | 17.992 | 168.077 | 29239.414 | 33757.684 | 21.332 | 22955.225 |
| 34.200 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 5:55:00 PM | 590100.000 | 73.734 | 17.993 | 168.062 | 29228.717 | 33745.199 | 21.323 | 22946.736 |
| 34.213 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 73.714 | 17.992 | 168.018 | 29229.172 | 33746.121 | 21.324 | 22947.365 |
| 34.212 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 6:05:00 PM | 590700.000 | 73.733 | 17.992 | 168.059 | 29224.189 | 33740.172 | 21.320 | 22943.318 |
| 34.218 | 1.015 | 14.706 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 6:10:00 PM | 591000.000 | 73.726 | 17.993 | 168.045 | 29222.229 | 33737.645 | 21.318 | 22941.600 |
| 34.221 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 73.725 | 17.992 | 168.042 | 29223.943 | 33739.820 | 21.319 | 22943.078 |
| 34.219 | 1.015 | 14.708 | | | | | | |
| 1/11/2017 6:20:00 PM | 591600.000 | 73.708 | 17.993 | 168.003 | 29241.449 | 33759.582 | 21.333 | 22956.516 |
| 34.198 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 6:25:00 PM | 591900.000 | 73.728 | 17.993 | 168.048 | 29237.621 | 33755.359 | 21.330 | 22953.646 |
| 34.203 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 73.731 | 17.993 | 168.056 | 29256.148 | 33776.551 | 21.345 | 22968.057 |
| 34.181 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 6:35:00 PM | 592500.000 | 73.724 | 17.992 | 168.041 | 29227.576 | 33744.082 | 21.322 | 22945.979 |
| 34.214 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 6:40:00 PM | 592800.000 | 73.733 | 17.992 | 168.061 | 29240.850 | 33759.406 | 21.333 | 22956.398 |
| 34.199 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 73.725 | 17.992 | 168.041 | 29248.916 | 33768.918 | 21.340 | 22962.865 |
| 34.189 | 1.015 | 14.706 | | | | | | |
| 1/11/2017 6:50:00 PM | 593400.000 | 73.729 | 17.992 | 168.051 | 29222.879 | 33738.785 | 21.319 | 22942.375 |
| 34.220 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 6:55:00 PM | 593700.000 | 73.725 | 17.992 | 168.042 | 29236.926 | 33754.875 | 21.330 | 22953.316 |
| 34.203 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 73.731 | 17.992 | 168.055 | 29226.359 | 33742.609 | 21.321 | 22944.975 |
| 34.216 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 7:05:00 PM | 594300.000 | 73.729 | 17.993 | 168.052 | 29226.902 | 33743.043 | 21.322 | 22945.271 |
| 34.215 | 1.015 | 14.706 | | | | | | |
| 1/11/2017 7:10:00 PM | 594600.000 | 73.731 | 17.993 | 168.056 | 29235.299 | 33752.680 | 21.328 | 22951.824 |
| 34.205 | 1.015 | 14.707 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 73.729 | 17.992 | 168.052 | 29222.100 | 33737.957 | 21.318 | 22941.813 |
| 34.221 | 1.015 | 14.708 | | | | | | |
| 1/11/2017 7:20:00 PM | 595200.000 | 73.712 | 17.992 | 168.013 | 29226.916 | 33743.254 | 21.322 | 22945.414 |
| 34.215 | 1.015 | 14.706 | | | | | | |
| 1/11/2017 7:25:00 PM | 595500.000 | 73.734 | 17.993 | 168.062 | 29249.527 | 33769.301 | 21.340 | 22963.125 |
| 34.189 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 73.739 | 17.992 | 168.074 | 29227.393 | 33743.805 | 21.322 | 22945.787 |
| 34.214 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 7:35:00 PM | 596100.000 | 73.743 | 17.993 | 168.084 | 29236.148 | 33753.715 | 21.329 | 22952.525 |
| 34.204 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 7:40:00 PM | 596400.000 | 73.741 | 17.992 | 168.080 | 29238.578 | 33756.980 | 21.331 | 22954.746 |
| 34.201 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 73.738 | 17.992 | 168.073 | 29228.260 | 33744.871 | 21.323 | 22946.512 |
| 34.213 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 7:50:00 PM | 597000.000 | 73.744 | 17.992 | 168.086 | 29219.574 | 33734.910 | 21.316 | 22939.738 |
| 34.224 | 1.015 | 14.704 | | | | | | |
| 1/11/2017 7:55:00 PM | 597300.000 | 73.745 | 17.992 | 168.089 | 29222.281 | 33738.230 | 21.318 | 22941.998 |
| 34.220 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 73.743 | 17.992 | 168.084 | 29214.174 | 33728.543 | 21.312 | 22935.412 |
| 34.230 | 1.015 | 14.706 | | | | | | |
| 1/11/2017 8:05:00 PM | 597900.000 | 73.745 | 17.992 | 168.087 | 29225.287 | 33741.508 | 21.321 | 22944.225 |
| 34.217 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 8:10:00 PM | 598200.000 | 73.747 | 17.992 | 168.092 | 29224.133 | 33740.105 | 21.320 | 22943.271 |
| 34.218 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 73.743 | 17.992 | 168.084 | 29220.250 | 33735.887 | 21.317 | 22940.402 |
| 34.223 | 1.015 | 14.705 | | | | | | |
| 1/11/2017 8:20:00 PM | 598800.000 | 73.733 | 17.992 | 168.061 | 29229.521 | 33746.453 | 21.324 | 22947.590 |
| 34.212 | 1.015 | 14.703 | | | | | | |
| 1/11/2017 8:25:00 PM | 599100.000 | 73.752 | 17.992 | 168.105 | 29237.045 | 33755.277 | 21.330 | 22953.588 |
| 34.203 | 1.015 | 14.701 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 73.759 | 17.993 | 168.120 | 29221.969 | 33737.348 | 21.318 | 22941.396 |
| 34.221 | 1.015 | 14.699 | | | | | | |
| 1/11/2017 8:35:00 PM | 599700.000 | 73.759 | 17.992 | 168.119 | 29235.709 | 33753.473 | 21.329 | 22952.361 |
| 34.205 | 1.015 | 14.699 | | | | | | |
| 1/11/2017 8:40:00 PM | 600000.000 | 73.763 | 17.992 | 168.128 | 29233.324 | 33750.652 | 21.327 | 22950.445 |
| 34.208 | 1.015 | 14.700 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 73.744 | 17.992 | 168.086 | 29211.240 | 33725.156 | 21.309 | 22933.109 |
| 34.233 | 1.015 | 14.700 | | | | | | |
| 1/11/2017 8:50:00 PM | 600600.000 | 73.765 | 17.992 | 168.132 | 29223.736 | 33739.648 | 21.319 | 22942.963 |
| 34.219 | 1.015 | 14.698 | | | | | | |
| 1/11/2017 8:55:00 PM | 600900.000 | 73.753 | 17.993 | 168.105 | 29212.047 | 33726.027 | 21.310 | 22933.701 |
| 34.232 | 1.015 | 14.696 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 73.773 | 17.992 | 168.151 | 29224.490 | 33740.645 | 21.320 | 22943.641 |
| 34.218 | 1.015 | 14.693 | | | | | | |
| 1/11/2017 9:05:00 PM | 601500.000 | 73.778 | 17.992 | 168.163 | 29228.744 | 33745.691 | 21.324 | 22947.070 |
| 34.213 | 1.015 | 14.693 | | | | | | |
| 1/11/2017 9:10:00 PM | 601800.000 | 73.776 | 17.992 | 168.159 | 29225.250 | 33741.395 | 21.321 | 22944.148 |
| 34.217 | 1.015 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 73.776 | 17.992 | 168.159 | 29214.865 | 33729.473 | 21.312 | 22936.043 |
| 34.229 | 1.015 | 14.692 | | | | | | |
| 1/11/2017 9:20:00 PM | 602400.000 | 73.779 | 17.992 | 168.165 | 29226.525 | 33743.262 | 21.322 | 22945.420 |
| 34.215 | 1.015 | 14.692 | | | | | | |
| 1/11/2017 9:25:00 PM | 602700.000 | 73.787 | 17.992 | 168.182 | 29218.645 | 33733.703 | 21.315 | 22938.920 |
| 34.225 | 1.015 | 14.691 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 73.786 | 17.993 | 168.182 | 29216.508 | 33731.180 | 21.313 | 22937.205 |
| 34.227 | 1.015 | 14.691 | | | | | | |
| 1/11/2017 9:35:00 PM | 603300.000 | 73.785 | 17.992 | 168.178 | 29220.289 | 33735.668 | 21.317 | 22940.254 |
| 34.223 | 1.015 | 14.693 | | | | | | |
| 1/11/2017 9:40:00 PM | 603600.000 | 73.789 | 17.992 | 168.189 | 29227.709 | 33744.496 | 21.323 | 22946.258 |
| 34.214 | 1.015 | 14.695 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 73.766 | 17.992 | 168.135 | 29212.129 | 33726.695 | 21.310 | 22934.152 |
| 34.232 | 1.015 | 14.697 | | | | | | |
| 1/11/2017 9:50:00 PM | 604200.000 | 73.790 | 17.992 | 168.190 | 29210.195 | 33724.141 | 21.309 | 22932.416 |
| 34.235 | 1.015 | 14.695 | | | | | | |
| 1/11/2017 9:55:00 PM | 604500.000 | 73.800 | 17.992 | 168.213 | 29219.912 | 33735.168 | 21.316 | 22939.914 |
| 34.223 | 1.015 | 14.693 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 73.805 | 17.992 | 168.224 | 29225.672 | 33742.207 | 21.321 | 22944.703 |
| 34.216 | 1.015 | 14.692 | | | | | | |
| 1/11/2017 10:05:00 PM | 605100.000 | 73.805 | 17.992 | 168.224 | 29203.637 | 33716.570 | 21.303 | 22927.270 |
| 34.242 | 1.015 | 14.692 | | | | | | |
| 1/11/2017 10:10:00 PM | 605400.000 | 73.809 | 17.992 | 168.234 | 29215.396 | 33730.145 | 21.313 | 22936.498 |
| 34.229 | 1.015 | 14.691 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 73.811 | 17.992 | 168.238 | 29211.969 | 33726.387 | 21.310 | 22933.945 |
| 34.233 | 1.015 | 14.691 | | | | | | |
| 1/11/2017 10:20:00 PM | 606000.000 | 73.810 | 17.992 | 168.236 | 29209.875 | 33723.645 | 21.308 | 22932.080 |
| 34.235 | 1.015 | 14.691 | | | | | | |
| 1/11/2017 10:25:00 PM | 606300.000 | 73.814 | 17.992 | 168.245 | 29211.227 | 33725.273 | 21.309 | 22933.188 |
| 34.233 | 1.015 | 14.690 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 73.819 | 17.992 | 168.256 | 29205.311 | 33718.309 | 21.304 | 22928.449 |
| 34.240 | 1.015 | 14.689 | | | | | | |
| 1/11/2017 10:35:00 PM | 606900.000 | 73.818 | 17.992 | 168.254 | 29202.326 | 33715.324 | 21.302 | 22926.420 |
| 34.244 | 1.015 | 14.689 | | | | | | |
| 1/11/2017 10:40:00 PM | 607200.000 | 73.821 | 17.992 | 168.261 | 29200.400 | 33712.902 | 21.301 | 22924.773 |
| 34.246 | 1.015 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 73.821 | 17.992 | 168.261 | 29215.553 | 33730.133 | 21.313 | 22936.490 |
| 34.228 | 1.015 | 14.689 | | | | | | |
| 1/11/2017 10:50:00 PM | 607800.000 | 73.824 | 17.992 | 168.267 | 29216.734 | 33731.762 | 21.314 | 22937.600 |
| 34.227 | 1.015 | 14.686 | | | | | | |
| 1/11/2017 10:55:00 PM | 608100.000 | 73.813 | 17.992 | 168.242 | 29209.545 | 33723.332 | 21.308 | 22931.865 |
| 34.235 | 1.015 | 14.684 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 73.834 | 17.992 | 168.292 | 29218.670 | 33733.867 | 21.315 | 22939.029 |
| 34.225 | 1.015 | 14.681 | | | | | | |
| 1/11/2017 11:05:00 PM | 608700.000 | 73.834 | 17.992 | 168.291 | 29200.469 | 33712.852 | 21.301 | 22924.742 |
| 34.246 | 1.015 | 14.683 | | | | | | |
| 1/11/2017 11:10:00 PM | 609000.000 | 73.833 | 17.993 | 168.289 | 29196.922 | 33708.371 | 21.298 | 22921.693 |
| 34.250 | 1.015 | 14.684 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 73.842 | 17.992 | 168.308 | 29196.607 | 33708.328 | 21.298 | 22921.666 |
| 34.251 | 1.015 | 14.685 | | | | | | |
| 1/11/2017 11:20:00 PM | 609600.000 | 73.841 | 17.992 | 168.306 | 29215.092 | 33729.734 | 21.312 | 22936.221 |
| 34.229 | 1.015 | 14.686 | | | | | | |
| 1/11/2017 11:25:00 PM | 609900.000 | 73.820 | 17.992 | 168.260 | 29217.682 | 33732.727 | 21.315 | 22938.256 |
| 34.226 | 1.015 | 14.687 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 73.839 | 17.992 | 168.302 | 29196.453 | 33708.543 | 21.298 | 22921.811 |
| 34.251 | 1.015 | 14.688 | | | | | | |
| 1/11/2017 11:35:00 PM | 610500.000 | 73.836 | 17.992 | 168.294 | 29202.949 | 33716.043 | 21.303 | 22926.910 |
| 34.243 | 1.015 | 14.687 | | | | | | |
| 1/11/2017 11:40:00 PM | 610800.000 | 73.843 | 17.992 | 168.311 | 29218.949 | 33734.445 | 21.316 | 22939.424 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 34.224 | 1.015 | 14.686 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 73.839 | 17.992 | 168.301 | 29221.057 | 33737.141 | 21.318 | 22941.258 |
| 34.222 | 1.015 | 14.686 | | | | | | |
| 1/11/2017 11:50:00 PM | 611400.000 | 73.843 | 17.992 | 168.311 | 29211.617 | 33725.723 | 21.310 | 22933.492 |
| 34.233 | 1.015 | 14.683 | | | | | | |
| 1/11/2017 11:55:00 PM | 611700.000 | 73.843 | 17.992 | 168.312 | 29201.496 | 33714.098 | 21.302 | 22925.586 |
| 34.245 | 1.015 | 14.681 | | | | | | |

Report Date: 1/16/2017 8:32:27 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-4S LT Test_2017-01-12_17-35-35-000-BaroMerge.wsl
Create Date: 1/16/2017 8:29:56 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-4S
Device Name:
Serial Number: 399147
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 21

Log Configuration
Log Name: MPWSP MW-4S LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 10/1/2015 3:02:54 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 10/1/2015 3:05:00 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: 60.5924 (ft)
Head Pressure: 26.5837 (PSI)
Temperature: 17.6319 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 10/1/2015 3:03:23 PM | Used Battery: 21% Used Memory: 3% User Name: KMakar |
| 10/8/2015 5:22:57 PM | Log Download - Used Battery: 22% Used Memory: 4% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 PM Stop Time: 10/8/2015 6:20:00 PM |
| 10/15/2015 1:59:55 PM | Log Download - Used Battery: 23% Used Memory: 7% User Name: KMakar |
| 10/22/2015 5:47:00 PM | Log Download - Used Battery: 24% Used Memory: 9% User Name: CShaw |
| 10/29/2015 4:03:27 PM | Log Download - Used Battery: 24% Used Memory: 12% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 4:05:00 PM |
| 11/5/2015 3:02:35 PM | Log Download - Used Battery: 25% Used Memory: 14% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 3:00:00 PM |
| 11/12/2015 5:59:32 PM | Log Download - Used Battery: 26% Used Memory: 17% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/12/2015 6:00:00 PM |
| 11/19/2015 3:59:34 PM | Log Download - Used Battery: 27% Used Memory: 20% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 4:00:00 PM |
| 11/29/2015 10:36:51 AM | Log Download - Used Battery: 28% Used Memory: 23% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:30:00 AM |
| 12/3/2015 11:43:48 AM | Log Download - Used Battery: 28% Used Memory: 25% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:45:00 AM |
| 12/10/2015 4:22:36 PM | Log Download - Used Battery: 29% Used Memory: 26% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 4:20:00 PM |
| 12/17/2015 1:23:10 PM | Log Download - Used Battery: 29% Used Memory: 29% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 1:30:00 PM |
| 1/3/2016 2:47:58 PM | Log Download - Used Battery: 31% Used Memory: 35% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 3:45:00 PM |
| 1/7/2016 11:09:53 AM | Log Download - Used Battery: 32% Used Memory: 35% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 11:10:00 AM |
| 1/14/2016 9:55:27 AM | Log Download - Used Battery: 32% Used Memory: 39% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 9:55:00 AM |
| 1/21/2016 1:03:06 PM | Log Download - Used Battery: 33% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 1:00:00 PM |
| 1/28/2016 2:41:57 PM | Log Download - Used Battery: 34% Used Memory: 43% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:40:00 PM |
| 2/4/2016 4:06:14 PM | Log Download - Used Battery: 35% Used Memory: 46% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 4:05:00 PM |
| 2/11/2016 8:32:57 AM | Log Download - Used Battery: 35% Used Memory: 48% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:30:00 AM |
| 2/18/2016 12:44:45 PM | Log Download - Used Battery: 36% Used Memory: 51% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:45:00 PM |
| 2/25/2016 12:45:48 PM | Log Download - Used Battery: 37% Used Memory: 53% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:45:00 PM |
| 3/3/2016 1:35:20 PM | Log Download - Used Battery: 38% Used Memory: 56% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 2:35:00 PM |
| 3/10/2016 3:27:14 PM | Log Download - Used Battery: 38% Used Memory: 59% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 3:30:00 PM |
| 3/17/2016 8:09:04 AM | Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time: 2/3/2016 12:00:01 AM Stop Time: 3/17/2016 9:05:00 AM |
| 3/17/2016 8:09:49 AM | Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time: 2/29/2016 12:00:01 AM Stop Time: 3/17/2016 8:05:00 AM |
| 3/17/2016 9:31:43 AM | Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time: 3/17/2016 12:00:01 AM Stop Time: 3/17/2016 9:05:00 AM |
| 3/17/2016 9:32:07 AM | Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time: 3/17/2016 12:00:01 AM Stop Time: 3/17/2016 10:05:00 AM |
| 3/18/2016 8:59:06 AM | Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/18/2016 9:55:00 AM |
| 3/24/2016 1:28:49 PM | Log Download - Used Battery: 40% Used Memory: 64% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:30:00 PM |
| 3/31/2016 5:56:35 PM | Log Download - Used Battery: 41% Used Memory: 65% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 6:50:00 PM |
| 4/7/2016 2:43:46 PM | Log Download - Used Battery: 41% Used Memory: 68% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 2:45:00 PM |
| 4/14/2016 4:44:14 PM | Log Download - Used Battery: 42% Used Memory: 70% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 5:40:00 PM |
| 4/21/2016 2:37:50 PM | Log Download - Used Battery: 43% Used Memory: 73% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 3:35:00 PM |
| 4/21/2016 6:58:29 PM | Log Download - Used Battery: 43% Used Memory: 73% User Name: ELinden Interval - Start Time: 4/20/2016 6:00:00 PM Stop Time: 4/21/2016 6:55:00 PM |
| 4/22/2016 11:00:16 AM | Log Download - Used Battery: 43% Used Memory: 73% User Name: SKuiper Interval - Start Time: 4/12/2016 6:00:00 PM Stop Time: 4/22/2016 10:55:00 AM |
| 4/28/2016 11:51:27 AM | Log Download - Used Battery: 44% Used Memory: 76% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 11:50:00 AM |
| 5/5/2016 1:32:53 PM | Log Download - Used Battery: 44% Used Memory: 78% User Name: SKuiper Interval - Start Time: 3/31/2016 6:00:00 PM Stop Time: 5/5/2016 2:25:00 PM |
| 5/12/2016 4:41:57 PM | Log Download - Used Battery: 45% Used Memory: 81% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:35:00 PM |
| 5/19/2016 5:29:31 PM | Log Download - Used Battery: 46% Used Memory: 82% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 6:25:00 PM |
| 5/26/2016 2:49:19 PM | Log Download - Used Battery: 47% Used Memory: 85% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:45:00 PM |
| 6/2/2016 5:07:15 PM | Log Download - Used Battery: 47% Used Memory: 87% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 5:05:00 PM |
| 6/9/2016 1:54:08 PM | Log Download - Used Battery: 48% Used Memory: 90% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 2:50:00 PM |
| 6/16/2016 6:12:43 PM | Log Download - Used Battery: 49% Used Memory: 93% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 7:05:00 PM |
| 6/23/2016 6:18:51 PM | Log Download - Used Battery: 50% Used Memory: 95% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:10:00 PM |
| 7/1/2016 3:07:55 PM | Log Download - Used Battery: 50% Used Memory: 98% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 3:05:00 PM |
| 7/8/2016 1:09:21 PM | Log Download - Used Battery: 51% Used Memory: 100% 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 2:54:01 PM | Log Download - Used Battery: 52% Used Memory: 100% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 3:50:00 PM |
| 7/21/2016 7:22:33 PM | Log Download - Used Battery: 53% Used Memory: 100% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 7:15:00 PM |
| 7/22/2016 10:14:49 AM | Log Download - Used Battery: 53% Used Memory: 100% 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 9:05:25 PM | Log Download - Used Battery: 53% Used Memory: 100% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 9:05:00 PM |
| 8/4/2016 7:39:00 PM | Log Download - Used Battery: 54% Used Memory: 100% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 7:35:00 PM |
| 8/11/2016 5:02:24 PM | Log Download - Used Battery: 55% Used Memory: 100% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 6:00:00 PM |
| 8/18/2016 11:46:56 AM | Log Download - Used Battery: 55% Used Memory: 100% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 11:45:00 AM |
| 8/25/2016 9:18:55 PM | Log Download - Used Battery: 56% Used Memory: 100% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 10:15:00 PM |
| 9/1/2016 5:07:06 PM | Log Download - Used Battery: 57% Used Memory: 100% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 5:55:00 PM |
| 9/8/2016 12:06:20 PM | Log Download - Used Battery: 58% Used Memory: 100% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 12:55:00 PM |
| 9/15/2016 5:24:39 PM | Log Download - Used Battery: 58% Used Memory: 100% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 6:20:00 PM |
| 9/22/2016 2:24:00 PM | Log Download - Used Battery: 59% Used Memory: 100% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 3:20:00 PM |
| 10/1/2016 1:50:34 PM | Log Download - Used Battery: 60% Used Memory: 100% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 2:50:00 PM |
| 10/6/2016 5:17:54 PM | Log Download - Used Battery: 61% Used Memory: 100% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 5:10:00 PM |
| 10/13/2016 7:45:37 PM | Log Download - Used Battery: 61% Used Memory: 100% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:30:00 PM |
| 10/20/2016 7:40:36 PM | Log Download - Used Battery: 62% Used Memory: 100% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 7:30:00 PM |
| 10/27/2016 12:28:20 PM | Log Download - Used Battery: 63% Used Memory: 100% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:20:00 PM |
| 11/3/2016 5:20:26 PM | Log Download - Used Battery: 64% Used Memory: 100% User Name: SKuiper Interval - Start Time: 9/30/2016 7:50:00 PM Stop Time: 11/3/2016 6:10:00 PM |
| 11/11/2016 9:29:19 AM | Log Download - Used Battery: 65% Used Memory: 100% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 9:25:00 AM |
| 1/16/2017 8:29:56 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 2248

Sensors: 2
1 - 399147: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| Date and Time | Elapsed Time (Seconds) | Corrected Pressure (PSI) | Temperature (C) | Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids (ppm) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sensor: PCTD(A) 35.8ft SN#: 399147 | Sensor: PCTD(A) 35.8ft SN#: 399147 | Sensor: PCTD(A) 35.8ft SN#: 399147 | Sensor: Baro-Adj Calc SN#: 399147 | Sensor: PCTD(A) 35.8ft SN#: 399147 | Sensor: PCTD(A) 35.8ft SN#: 399147 | Sensor: PCTD(A) 35.8ft SN#: 399147 | Sensor: PCTD(A) 35.8ft SN#: 399147 | Sensor: PCTD(A) 35.8ft SN#: 399147 | Sensor: PCTD(A) 35.8ft SN#: 000000 | |
| 1/5/2017 12:00:00 AM | 7200.000 | 12.712 | 17.684 | 28.974 | 5972.126 | 6942.225 | 3.846 | 4720.713 | 167.445 | 1.002 | 14.703 |
| 1/5/2017 12:05:00 AM | 7500.000 | 12.710 | 17.684 | 28.970 | 5975.714 | 6946.340 | 3.849 | 4723.511 | 167.344 | 1.002 | 14.705 |
| 1/5/2017 12:10:00 AM | 7800.000 | 12.715 | 17.684 | 28.981 | 5978.630 | 6949.704 | 3.851 | 4725.799 | 167.262 | 1.002 | 14.708 |
| 1/5/2017 12:15:00 AM | 8100.000 | 12.707 | 17.684 | 28.963 | 5981.089 | 6952.669 | 3.853 | 4727.815 | 167.194 | 1.002 | 14.710 |
| 1/5/2017 12:20:00 AM | 8400.000 | 12.707 | 17.684 | 28.962 | 5983.645 | 6955.614 | 3.854 | 4729.818 | 167.122 | 1.002 | 14.711 |
| 1/5/2017 12:25:00 AM | 8700.000 | 12.705 | 17.684 | 28.959 | 5985.815 | 6958.109 | 3.856 | 4731.515 | 167.062 | 1.002 | 14.712 |
| 1/5/2017 12:30:00 AM | 9000.000 | 12.712 | 17.684 | 28.975 | 5987.348 | 6959.919 | 3.857 | 4732.745 | 167.019 | 1.002 | 14.713 |
| 1/5/2017 12:35:00 AM | 9300.000 | 12.706 | 17.684 | 28.961 | 5991.969 | 6965.195 | 3.860 | 4736.333 | 166.890 | 1.002 | 14.715 |
| 1/5/2017 12:40:00 AM | 9600.000 | 12.707 | 17.684 | 28.963 | 5989.818 | 6962.762 | 3.859 | 4734.678 | 166.950 | 1.002 | 14.716 |
| 1/5/2017 12:45:00 AM | 9900.000 | 12.706 | 17.684 | 28.960 | 5992.267 | 6965.608 | 3.860 | 4736.614 | 166.882 | 1.002 | 14.717 |
| 1/5/2017 12:50:00 AM | 10200.000 | 12.704 | 17.684 | 28.957 | 5994.821 | 6968.566 | 3.862 | 4738.625 | 166.811 | 1.002 | 14.717 |
| 1/5/2017 12:55:00 AM | 10500.000 | 12.711 | 17.684 | 28.971 | 5996.173 | 6970.178 | 3.863 | 4739.721 | 166.773 | 1.002 | 14.717 |
| 1/5/2017 1:00:00 AM | 10800.000 | 12.707 | 17.684 | 28.962 | 5998.091 | 6972.419 | 3.864 | 4741.245 | 166.720 | 1.002 | 14.716 |
| 1/5/2017 1:05:00 AM | 11100.000 | 12.711 | 17.684 | 28.972 | 6000.856 | 6975.566 | 3.866 | 4743.385 | 166.643 | 1.002 | 14.716 |
| 1/5/2017 1:10:00 AM | 11400.000 | 12.708 | 17.684 | 28.965 | 6003.265 | 6978.393 | 3.868 | 4745.308 | 166.576 | 1.002 | 14.715 |
| 1/5/2017 1:15:00 AM | 11700.000 | 12.712 | 17.684 | 28.975 | 6003.700 | 6978.899 | 3.868 | 4745.652 | 166.564 | 1.002 | 14.714 |
| 1/5/2017 1:20:00 AM | 12000.000 | 12.708 | 17.684 | 28.965 | 6005.071 | 6980.465 | 3.869 | 4746.716 | 166.526 | 1.002 | 14.715 |
| 1/5/2017 1:25:00 AM | 12300.000 | 12.710 | 17.684 | 28.969 | 6007.108 | 6982.792 | 3.870 | 4748.299 | 166.469 | 1.002 | 14.716 |
| 1/5/2017 1:30:00 AM | 12600.000 | 12.715 | 17.684 | 28.982 | 6007.234 | 6982.996 | 3.871 | 4748.438 | 166.466 | 1.002 | 14.717 |
| 1/5/2017 1:35:00 AM | 12900.000 | 12.717 | 17.684 | 28.985 | 6009.023 | 6985.086 | 3.872 | 4749.859 | 166.416 | 1.002 | 14.718 |
| 1/5/2017 1:40:00 AM | 13200.000 | 12.718 | 17.684 | 28.988 | 6010.077 | 6986.285 | 3.872 | 4750.674 | 166.387 | 1.002 | 14.719 |
| 1/5/2017 1:45:00 AM | 13500.000 | 12.713 | 17.684 | 28.978 | 6011.203 | 6987.634 | 3.873 | 4751.592 | 166.356 | 1.002 | 14.720 |
| 1/5/2017 1:50:00 AM | 13800.000 | 12.715 | 17.684 | 28.981 | 6013.014 | 6989.726 | 3.875 | 4753.014 | 166.306 | 1.002 | 14.721 |
| 1/5/2017 1:55:00 AM | 14100.000 | 12.711 | 17.684 | 28.972 | 6015.845 | 6993.085 | 3.877 | 4755.299 | 166.228 | 1.002 | 14.722 |
| 1/5/2017 2:00:00 AM | 14400.000 | 12.709 | 17.684 | 28.968 | 6014.474 | 6991.354 | 3.875 | 4754.121 | 166.266 | 1.002 | 14.723 |
| 1/5/2017 2:05:00 AM | 14700.000 | 12.714 | 17.685 | 28.979 | 6015.277 | 6992.277 | 3.876 | 4754.749 | 166.243 | 1.002 | 14.721 |
| 1/5/2017 2:10:00 AM | 15000.000 | 12.714 | 17.684 | 28.978 | 6017.019 | 6994.328 | 3.877 | 4756.143 | 166.195 | 1.002 | 14.720 |
| 1/5/2017 2:15:00 AM | 15300.000 | 12.720 | 17.684 | 28.994 | 6018.828 | 6996.498 | 3.879 | 4757.619 | 166.145 | 1.002 | 14.718 |
| 1/5/2017 2:20:00 AM | 15600.000 | 12.716 | 17.684 | 28.983 | 6017.800 | 6995.235 | 3.878 | 4756.761 | 166.174 | 1.002 | 14.718 |
| 1/5/2017 2:25:00 AM | 15900.000 | 12.716 | 17.684 | 28.984 | 6019.848 | 6997.739 | 3.879 | 4758.462 | 166.117 | 1.002 | 14.718 |
| 1/5/2017 2:30:00 AM | 16200.000 | 12.715 | 17.684 | 28.981 | 6020.697 | 6998.697 | 3.880 | 4759.114 | 166.094 | 1.002 | 14.718 |
| 1/5/2017 2:35:00 AM | 16500.000 | 12.714 | 17.684 | 28.980 | 6022.528 | 7000.813 | 3.881 | 4760.553 | 166.043 | 1.002 | 14.719 |
| 1/5/2017 2:40:00 AM | 16800.000 | 12.716 | 17.684 | 28.985 | 6024.314 | 7002.794 | 3.882 | 4761.900 | 165.994 | 1.002 | 14.720 |
| 1/5/2017 2:45:00 AM | 17100.000 | 12.713 | 17.684 | 28.977 | 6023.390 | 7001.801 | 3.882 | 4761.225 | 166.019 | 1.002 | 14.721 |
| 1/5/2017 2:50:00 AM | 17400.000 | 12.718 | 17.684 | 28.987 | 6025.502 | 7004.203 | 3.883 | 4762.858 | 165.961 | 1.002 | 14.722 |
| 1/5/2017 2:55:00 AM | 17700.000 | 12.713 | 17.685 | 28.976 | 6026.142 | 7004.907 | 3.884 | 4763.336 | 165.944 | 1.002 | 14.723 |
| 1/5/2017 3:00:00 AM | 18000.000 | 12.717 | 17.684 | 28.986 | 6025.801 | 7004.618 | 3.883 | 4763.141 | 165.953 | 1.002 | 14.724 |
| 1/5/2017 3:05:00 AM | 18300.000 | 12.715 | 17.684 | 28.981 | 6025.647 | 7004.384 | 3.883 | 4762.982 | 165.957 | 1.002 | 14.722 |
| 1/5/2017 3:10:00 AM | 18600.000 | 12.720 | 17.684 | 28.992 | 6028.090 | 7007.239 | 3.885 | 4764.923 | 165.890 | 1.002 | 14.720 |
| 1/5/2017 3:15:00 AM | 18900.000 | 12.723 | 17.684 | 28.999 | 6026.813 | 7005.738 | 3.884 | 4763.902 | 165.925 | 1.002 | 14.718 |
| 1/5/2017 3:20:00 AM | 19200.000 | 12.723 | 17.684 | 29.000 | 6028.982 | 7008.288 | 3.886 | 4765.636 | 165.865 | 1.002 | 14.719 |
| 1/5/2017 3:25:00 AM | 19500.000 | 12.720 | 17.684 | 28.993 | 6028.799 | 7008.075 | 3.885 | 4765.491 | 165.871 | 1.002 | 14.720 |
| 1/5/2017 3:30:00 AM | 19800.000 | 12.716 | 17.684 | 28.984 | 6032.815 | 7012.716 | 3.888 | 4768.647 | 165.760 | 1.002 | 14.721 |
| 1/5/2017 3:35:00 AM | 20100.000 | 12.718 | 17.684 | 28.988 | 6030.759 | 7010.326 | 3.887 | 4767.022 | 165.817 | 1.002 | 14.721 |
| 1/5/2017 3:40:00 AM | 20400.000 | 12.719 | 17.684 | 28.991 | 6031.089 | 7010.726 | 3.887 | 4767.293 | 165.808 | 1.002 | 14.722 |
| 1/5/2017 3:45:00 AM | 20700.000 | 12.719 | 17.684 | 28.990 | 6033.509 | 7013.550 | 3.889 | 4769.215 | 165.741 | 1.002 | 14.722 |
| 1/5/2017 3:50:00 AM | 21000.000 | 12.718 | 17.684 | 28.989 | 6032.261 | 7012.113 | 3.888 | 4768.238 | 165.775 | 1.002 | 14.721 |
| 1/5/2017 3:55:00 AM | 21300.000 | 12.724 | 17.684 | 29.002 | 6034.007 | 7014.076 | 3.889 | 4769.571 | 165.727 | 1.002 | 14.720 |
| 1/5/2017 4:00:00 AM | 21600.000 | 12.723 | 17.684 | 28.999 | 6032.676 | 7012.542 | 3.888 | 4768.528 | 165.764 | 1.002 | 14.720 |
| 1/5/2017 4:05:00 AM | 21900.000 | 12.724 | 17.684 | 29.002 | 6035.387 | 7015.706 | 3.890 | 4770.681 | 165.689 | 1.002 | 14.719 |
| 1/5/2017 4:10:00 AM | 22200.000 | 12.725 | 17.684 | 29.005 | 6032.898 | 7012.799 | 3.888 | 4768.704 | 165.758 | 1.002 | 14.718 |
| 1/5/2017 4:15:00 AM | 22500.000 | 12.727 | 17.684 | 29.009 | 6037.887 | 7018.612 | 3.892 | 4772.656 | 165.621 | 1.002 | 14.717 |
| 1/5/2017 4:20:00 AM | 22800.000 | 12.721 | 17.684 | 28.996 | 6034.281 | 7014.447 | 3.889 | 4769.825 | 165.720 | 1.002 | 14.720 |
| 1/5/2017 4:25:00 AM | 23100.000 | 12.718 | 17.684 | 28.988 | 6034.194 | 7014.319 | 3.889 | 4769.737 | 165.722 | 1.002 | 14.722 |
| 1/5/2017 4:30:00 AM | 23400.000 | 12.718 | 17.684 | 28.988 | 6035.904 | 7016.362 | 3.890 | 4771.127 | 165.675 | 1.002 | 14.725 |
| 1/5/2017 4:35:00 AM | 23700.000 | 12.723 | 17.684 | 29.000 | 6034.351 | 7014.528 | 3.889 | 4769.879 | 165.718 | 1.002 | 14.724 |
| 1/5/2017 4:40:00 AM | 24000.000 | 12.723 | 17.684 | 28.999 | 6036.114 | 7016.607 | 3.890 | 4771.293 | 165.669 | 1.002 | 14.723 |
| 1/5/2017 4:45:00 AM | 24300.000 | 12.719 | 17.684 | 28.991 | 6036.253 | 7016.699 | 3.891 | 4771.355 | 165.666 | 1.002 | 14.722 |
| 1/5/2017 4:50:00 AM | 24600.000 | 12.723 | 17.684 | 29.000 | 6036.951 | 7017.497 | 3.891 | 4771.898 | 165.647 | 1.002 | 14.717 |
| 1/5/2017 4:55:00 AM | 24900.000 | 12.724 | 17.684 | 29.001 | 6036.402 | 7016.886 | 3.891 | 4771.482 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 165.662 | 1.002 | 14.712 | | | | | | |
| 1/5/2017 5:00:00 AM | 25200.000 | 12.726 | 17.684 | 29.007 | 6038.036 | 7018.826 | 3.892 | 4772.802 |
| 165.617 | 1.002 | 14.707 | | | | | | |
| 1/5/2017 5:05:00 AM | 25500.000 | 12.725 | 17.684 | 29.003 | 6037.124 | 7017.684 | 3.891 | 4772.025 |
| 165.642 | 1.002 | 14.712 | | | | | | |
| 1/5/2017 5:10:00 AM | 25800.000 | 12.724 | 17.684 | 29.001 | 6036.418 | 7016.905 | 3.891 | 4771.495 |
| 165.661 | 1.002 | 14.717 | | | | | | |
| 1/5/2017 5:15:00 AM | 26100.000 | 12.725 | 17.684 | 29.005 | 6036.119 | 7016.584 | 3.890 | 4771.277 |
| 165.669 | 1.002 | 14.722 | | | | | | |
| 1/5/2017 5:20:00 AM | 26400.000 | 12.727 | 17.685 | 29.008 | 6038.272 | 7018.993 | 3.892 | 4772.916 |
| 165.610 | 1.002 | 14.721 | | | | | | |
| 1/5/2017 5:25:00 AM | 26700.000 | 12.729 | 17.684 | 29.013 | 6037.210 | 7017.812 | 3.891 | 4772.112 |
| 165.639 | 1.002 | 14.719 | | | | | | |
| 1/5/2017 5:30:00 AM | 27000.000 | 12.729 | 17.684 | 29.013 | 6036.241 | 7016.740 | 3.891 | 4771.384 |
| 165.666 | 1.002 | 14.718 | | | | | | |
| 1/5/2017 5:35:00 AM | 27300.000 | 12.730 | 17.684 | 29.014 | 6036.177 | 7016.680 | 3.890 | 4771.342 |
| 165.668 | 1.002 | 14.719 | | | | | | |
| 1/5/2017 5:40:00 AM | 27600.000 | 12.723 | 17.684 | 28.999 | 6036.906 | 7017.472 | 3.891 | 4771.881 |
| 165.648 | 1.002 | 14.721 | | | | | | |
| 1/5/2017 5:45:00 AM | 27900.000 | 12.725 | 17.684 | 29.005 | 6036.649 | 7017.188 | 3.891 | 4771.688 |
| 165.655 | 1.002 | 14.722 | | | | | | |
| 1/5/2017 5:50:00 AM | 28200.000 | 12.721 | 17.684 | 28.996 | 6035.750 | 7016.102 | 3.890 | 4770.949 |
| 165.679 | 1.002 | 14.721 | | | | | | |
| 1/5/2017 5:55:00 AM | 28500.000 | 12.729 | 17.684 | 29.013 | 6035.621 | 7015.964 | 3.890 | 4770.856 |
| 165.683 | 1.002 | 14.721 | | | | | | |
| 1/5/2017 6:00:00 AM | 28800.000 | 12.726 | 17.684 | 29.007 | 6036.681 | 7017.196 | 3.891 | 4771.694 |
| 165.654 | 1.002 | 14.720 | | | | | | |
| 1/5/2017 6:05:00 AM | 29100.000 | 12.725 | 17.684 | 29.004 | 6037.126 | 7017.743 | 3.891 | 4772.065 |
| 165.642 | 1.002 | 14.723 | | | | | | |
| 1/5/2017 6:10:00 AM | 29400.000 | 12.725 | 17.684 | 29.005 | 6035.699 | 7016.055 | 3.890 | 4770.918 |
| 165.681 | 1.002 | 14.726 | | | | | | |
| 1/5/2017 6:15:00 AM | 29700.000 | 12.722 | 17.685 | 28.998 | 6037.535 | 7018.122 | 3.891 | 4772.324 |
| 165.631 | 1.002 | 14.728 | | | | | | |
| 1/5/2017 6:20:00 AM | 30000.000 | 12.730 | 17.684 | 29.016 | 6037.747 | 7018.436 | 3.892 | 4772.536 |
| 165.625 | 1.002 | 14.727 | | | | | | |
| 1/5/2017 6:25:00 AM | 30300.000 | 12.731 | 17.685 | 29.017 | 6039.316 | 7020.221 | 3.893 | 4773.750 |
| 165.582 | 1.002 | 14.725 | | | | | | |
| 1/5/2017 6:30:00 AM | 30600.000 | 12.735 | 17.684 | 29.027 | 6037.638 | 7018.349 | 3.891 | 4772.478 |
| 165.628 | 1.002 | 14.723 | | | | | | |
| 1/5/2017 6:35:00 AM | 30900.000 | 12.729 | 17.684 | 29.014 | 6035.466 | 7015.813 | 3.890 | 4770.754 |
| 165.687 | 1.002 | 14.726 | | | | | | |
| 1/5/2017 6:40:00 AM | 31200.000 | 12.723 | 17.684 | 29.000 | 6035.689 | 7016.125 | 3.890 | 4770.965 |
| 165.681 | 1.002 | 14.730 | | | | | | |
| 1/5/2017 6:45:00 AM | 31500.000 | 12.727 | 17.685 | 29.008 | 6035.426 | 7015.684 | 3.890 | 4770.665 |
| 165.688 | 1.002 | 14.733 | | | | | | |
| 1/5/2017 6:50:00 AM | 31800.000 | 12.722 | 17.684 | 28.998 | 6031.481 | 7011.165 | 3.887 | 4767.592 |
| 165.797 | 1.002 | 14.734 | | | | | | |
| 1/5/2017 6:55:00 AM | 32100.000 | 12.727 | 17.685 | 29.009 | 6024.031 | 7002.438 | 3.882 | 4761.658 |
| 166.002 | 1.002 | 14.735 | | | | | | |
| 1/5/2017 7:00:00 AM | 32400.000 | 12.724 | 17.684 | 29.001 | 6018.274 | 6995.772 | 3.878 | 4757.125 |
| 166.161 | 1.002 | 14.736 | | | | | | |
| 1/5/2017 7:05:00 AM | 32700.000 | 12.721 | 17.685 | 28.994 | 6005.904 | 6981.353 | 3.870 | 4747.321 |
| 166.503 | 1.002 | 14.736 | | | | | | |
| 1/5/2017 7:10:00 AM | 33000.000 | 12.727 | 17.685 | 29.010 | 5996.824 | 6970.813 | 3.863 | 4740.153 |
| 166.755 | 1.002 | 14.735 | | | | | | |
| 1/5/2017 7:15:00 AM | 33300.000 | 12.722 | 17.684 | 28.998 | 5988.477 | 6961.203 | 3.858 | 4733.618 |
| 166.987 | 1.002 | 14.735 | | | | | | |
| 1/5/2017 7:20:00 AM | 33600.000 | 12.726 | 17.684 | 29.006 | 5981.781 | 6953.367 | 3.853 | 4728.290 |
| 167.174 | 1.002 | 14.733 | | | | | | |
| 1/5/2017 7:25:00 AM | 33900.000 | 12.729 | 17.685 | 29.014 | 5974.202 | 6944.421 | 3.848 | 4722.206 |
| 167.386 | 1.002 | 14.732 | | | | | | |
| 1/5/2017 7:30:00 AM | 34200.000 | 12.731 | 17.684 | 29.018 | 5967.092 | 6936.277 | 3.843 | 4716.668 |
| 167.586 | 1.002 | 14.730 | | | | | | |
| 1/5/2017 7:35:00 AM | 34500.000 | 12.728 | 17.685 | 29.010 | 5961.445 | 6929.659 | 3.839 | 4712.168 |
| 167.745 | 1.002 | 14.730 | | | | | | |
| 1/5/2017 7:40:00 AM | 34800.000 | 12.724 | 17.684 | 29.002 | 5957.435 | 6925.092 | 3.836 | 4709.063 |
| 167.857 | 1.002 | 14.731 | | | | | | |
| 1/5/2017 7:45:00 AM | 35100.000 | 12.730 | 17.684 | 29.016 | 5952.913 | 6919.876 | 3.833 | 4705.516 |
| 167.985 | 1.002 | 14.731 | | | | | | |
| 1/5/2017 7:50:00 AM | 35400.000 | 12.724 | 17.685 | 29.001 | 5945.572 | 6911.222 | 3.828 | 4699.632 |
| 168.192 | 1.002 | 14.733 | | | | | | |
| 1/5/2017 7:55:00 AM | 35700.000 | 12.722 | 17.684 | 28.997 | 5939.173 | 6903.838 | 3.824 | 4694.610 |
| 168.374 | 1.002 | 14.735 | | | | | | |
| 1/5/2017 8:00:00 AM | 36000.000 | 12.723 | 17.685 | 28.999 | 5936.307 | 6900.426 | 3.822 | 4692.290 |
| 168.455 | 1.002 | 14.737 | | | | | | |
| 1/5/2017 8:05:00 AM | 36300.000 | 12.726 | 17.684 | 29.007 | 5930.624 | 6893.900 | 3.818 | 4687.853 |
| 168.616 | 1.002 | 14.738 | | | | | | |
| 1/5/2017 8:10:00 AM | 36600.000 | 12.727 | 17.685 | 29.010 | 5926.473 | 6889.006 | 3.815 | 4684.524 |
| 168.734 | 1.002 | 14.738 | | | | | | |
| 1/5/2017 8:15:00 AM | 36900.000 | 12.728 | 17.685 | 29.010 | 5920.678 | 6882.313 | 3.811 | 4679.974 |
| 168.900 | 1.002 | 14.739 | | | | | | |
| 1/5/2017 8:20:00 AM | 37200.000 | 12.727 | 17.684 | 29.009 | 5919.159 | 6880.614 | 3.810 | 4678.818 |
| 168.943 | 1.002 | 14.741 | | | | | | |
| 1/5/2017 8:25:00 AM | 37500.000 | 12.721 | 17.684 | 28.995 | 5911.533 | 6871.708 | 3.805 | 4672.762 |
| 169.161 | 1.002 | 14.743 | | | | | | |
| 1/5/2017 8:30:00 AM | 37800.000 | 12.721 | 17.685 | 28.995 | 5909.088 | 6868.827 | 3.803 | 4670.803 |
| 169.231 | 1.002 | 14.745 | | | | | | |
| 1/5/2017 8:35:00 AM | 38100.000 | 12.720 | 17.685 | 28.993 | 5905.359 | 6864.451 | 3.800 | 4667.827 |
| 169.338 | 1.002 | 14.747 | | | | | | |
| 1/5/2017 8:40:00 AM | 38400.000 | 12.726 | 17.684 | 29.005 | 5899.061 | 6857.224 | 3.796 | 4662.913 |
| 169.519 | 1.002 | 14.748 | | | | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 12.721 | 17.685 | 28.995 | 5896.410 | 6854.076 | 3.794 | 4660.772 |
| 169.595 | 1.002 | 14.750 | | | | | | |
| 1/5/2017 8:50:00 AM | 39000.000 | 12.728 | 17.684 | 29.010 | 5894.385 | 6851.788 | 3.793 | 4659.216 |
| 169.653 | 1.002 | 14.749 | | | | | | |
| 1/5/2017 8:55:00 AM | 39300.000 | 12.723 | 17.685 | 29.000 | 5888.431 | 6844.801 | 3.789 | 4654.465 |
| 169.825 | 1.002 | 14.748 | | | | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 12.724 | 17.685 | 29.003 | 5887.045 | 6843.190 | 3.788 | 4653.370 |
| 169.865 | 1.002 | 14.747 | | | | | | |
| 1/5/2017 9:05:00 AM | 39900.000 | 12.725 | 17.684 | 29.003 | 5882.563 | 6838.074 | 3.785 | 4649.891 |
| 169.994 | 1.002 | 14.751 | | | | | | |
| 1/5/2017 9:10:00 AM | 40200.000 | 12.722 | 17.685 | 28.997 | 5881.109 | 6836.290 | 3.784 | 4648.677 |
| 170.036 | 1.002 | 14.756 | | | | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 12.715 | 17.684 | 28.982 | 5875.332 | 6829.667 | 3.780 | 4644.174 |
| 170.203 | 1.002 | 14.760 | | | | | | |
| 1/5/2017 9:20:00 AM | 40800.000 | 12.723 | 17.684 | 28.999 | 5871.403 | 6825.102 | 3.777 | 4641.069 |
| 170.317 | 1.002 | 14.756 | | | | | | |
| 1/5/2017 9:25:00 AM | 41100.000 | 12.721 | 17.684 | 28.994 | 5868.092 | 6821.212 | 3.775 | 4638.424 |
| 170.413 | 1.002 | 14.753 | | | | | | |
| 1/5/2017 9:30:00 AM | 41400.000 | 12.730 | 17.684 | 29.017 | 5867.316 | 6820.362 | 3.774 | 4637.847 |
| 170.436 | 1.002 | 14.750 | | | | | | |
| 1/5/2017 9:35:00 AM | 41700.000 | 12.723 | 17.685 | 28.999 | 5863.451 | 6815.737 | 3.772 | 4634.701 |
| 170.548 | 1.002 | 14.753 | | | | | | |
| 1/5/2017 9:40:00 AM | 42000.000 | 12.725 | 17.684 | 29.003 | 5857.813 | 6809.289 | 3.768 | 4630.317 |
| 170.712 | 1.002 | 14.755 | | | | | | |
| 1/5/2017 9:45:00 AM | 42300.000 | 12.723 | 17.684 | 28.999 | 5856.381 | 6807.651 | 3.767 | 4629.203 |
| 170.754 | 1.002 | 14.758 | | | | | | |
| 1/5/2017 9:50:00 AM | 42600.000 | 12.720 | 17.684 | 28.993 | 5853.304 | 6804.034 | 3.765 | 4626.743 |
| 170.844 | 1.002 | 14.757 | | | | | | |
| 1/5/2017 9:55:00 AM | 42900.000 | 12.720 | 17.684 | 28.993 | 5850.948 | 6801.308 | 3.763 | 4624.890 |
| 170.912 | 1.002 | 14.757 | | | | | | |
| 1/5/2017 10:00:00 AM | 43200.000 | 12.725 | 17.685 | 29.003 | 5848.189 | 6798.023 | 3.761 | 4622.656 |
| 170.993 | 1.002 | 14.757 | | | | | | |
| 1/5/2017 10:05:00 AM | 43500.000 | 12.725 | 17.684 | 29.005 | 5846.203 | 6795.793 | 3.760 | 4621.140 |
| 171.051 | 1.002 | 14.757 | | | | | | |
| 1/5/2017 10:10:00 AM | 43800.000 | 12.724 | 17.684 | 29.002 | 5844.458 | 6793.725 | 3.759 | 4619.733 |
| 171.102 | 1.002 | 14.757 | | | | | | |
| 1/5/2017 10:15:00 AM | 44100.000 | 12.718 | 17.684 | 28.988 | 5839.277 | 6787.702 | 3.755 | 4615.638 |
| 171.254 | 1.002 | 14.757 | | | | | | |
| 1/5/2017 10:20:00 AM | 44400.000 | 12.722 | 17.684 | 28.996 | 5835.329 | 6783.140 | 3.752 | 4612.536 |
| 171.370 | 1.002 | 14.757 | | | | | | |
| 1/5/2017 10:25:00 AM | 44700.000 | 12.717 | 17.684 | 28.985 | 5834.083 | 6781.691 | 3.751 | 4611.550 |
| 171.407 | 1.002 | 14.758 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 10:30:00 AM | 45000.000 | 12.721 | 17.684 | 28.996 | 5831.854 | 6779.074 | 3.750 | 4609.771 |
| 171.472 | 1.002 | 14.758 | | | | | | |
| 1/5/2017 10:35:00 AM | 45300.000 | 12.720 | 17.684 | 28.994 | 5828.098 | 6774.722 | 3.747 | 4606.811 |
| 171.583 | 1.002 | 14.758 | | | | | | |
| 1/5/2017 10:40:00 AM | 45600.000 | 12.720 | 17.684 | 28.993 | 5827.136 | 6773.628 | 3.747 | 4606.068 |
| 171.611 | 1.002 | 14.758 | | | | | | |
| 1/5/2017 10:45:00 AM | 45900.000 | 12.721 | 17.684 | 28.994 | 5824.417 | 6770.428 | 3.745 | 4603.892 |
| 171.691 | 1.002 | 14.758 | | | | | | |
| 1/5/2017 10:50:00 AM | 46200.000 | 12.725 | 17.685 | 29.005 | 5823.120 | 6768.868 | 3.744 | 4602.831 |
| 171.729 | 1.002 | 14.754 | | | | | | |
| 1/5/2017 10:55:00 AM | 46500.000 | 12.724 | 17.685 | 29.001 | 5820.981 | 6766.396 | 3.742 | 4601.149 |
| 171.792 | 1.002 | 14.750 | | | | | | |
| 1/5/2017 11:00:00 AM | 46800.000 | 12.733 | 17.684 | 29.022 | 5820.296 | 6765.757 | 3.742 | 4600.715 |
| 171.813 | 1.002 | 14.746 | | | | | | |
| 1/5/2017 11:05:00 AM | 47100.000 | 12.726 | 17.685 | 29.006 | 5816.972 | 6761.736 | 3.740 | 4597.980 |
| 171.911 | 1.002 | 14.748 | | | | | | |
| 1/5/2017 11:10:00 AM | 47400.000 | 12.725 | 17.685 | 29.003 | 5814.341 | 6758.691 | 3.738 | 4595.911 |
| 171.989 | 1.002 | 14.749 | | | | | | |
| 1/5/2017 11:15:00 AM | 47700.000 | 12.723 | 17.685 | 28.999 | 5814.795 | 6759.233 | 3.738 | 4596.279 |
| 171.975 | 1.002 | 14.751 | | | | | | |
| 1/5/2017 11:20:00 AM | 48000.000 | 12.724 | 17.684 | 29.003 | 5811.813 | 6755.832 | 3.736 | 4593.965 |
| 172.063 | 1.002 | 14.753 | | | | | | |
| 1/5/2017 11:25:00 AM | 48300.000 | 12.723 | 17.685 | 28.999 | 5808.568 | 6751.995 | 3.734 | 4591.357 |
| 172.159 | 1.002 | 14.755 | | | | | | |
| 1/5/2017 11:30:00 AM | 48600.000 | 12.720 | 17.684 | 28.992 | 5807.901 | 6751.284 | 3.733 | 4590.873 |
| 172.179 | 1.002 | 14.757 | | | | | | |
| 1/5/2017 11:35:00 AM | 48900.000 | 12.721 | 17.684 | 28.994 | 5806.785 | 6749.946 | 3.733 | 4589.963 |
| 172.212 | 1.002 | 14.754 | | | | | | |
| 1/5/2017 11:40:00 AM | 49200.000 | 12.716 | 17.684 | 28.985 | 5805.186 | 6748.128 | 3.732 | 4588.728 |
| 172.260 | 1.002 | 14.752 | | | | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 12.718 | 17.684 | 28.989 | 5801.711 | 6744.074 | 3.729 | 4585.971 |
| 172.363 | 1.002 | 14.750 | | | | | | |
| 1/5/2017 11:50:00 AM | 49800.000 | 12.723 | 17.684 | 28.999 | 5800.857 | 6743.081 | 3.729 | 4585.295 |
| 172.388 | 1.002 | 14.748 | | | | | | |
| 1/5/2017 11:55:00 AM | 50100.000 | 12.719 | 17.684 | 28.991 | 5797.999 | 6739.746 | 3.727 | 4583.027 |
| 172.473 | 1.002 | 14.747 | | | | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 12.725 | 17.684 | 29.004 | 5796.517 | 6738.024 | 3.726 | 4581.857 |
| 172.517 | 1.002 | 14.745 | | | | | | |
| 1/5/2017 12:05:00 PM | 50700.000 | 12.720 | 17.684 | 28.993 | 5797.483 | 6739.159 | 3.726 | 4582.629 |
| 172.489 | 1.002 | 14.746 | | | | | | |
| 1/5/2017 12:10:00 PM | 51000.000 | 12.718 | 17.685 | 28.987 | 5793.902 | 6734.919 | 3.724 | 4579.745 |
| 172.595 | 1.002 | 14.748 | | | | | | |
| 1/5/2017 12:15:00 PM | 51300.000 | 12.715 | 17.684 | 28.981 | 5793.058 | 6734.002 | 3.723 | 4579.122 |
| 172.620 | 1.002 | 14.749 | | | | | | |
| 1/5/2017 12:20:00 PM | 51600.000 | 12.718 | 17.685 | 28.989 | 5791.411 | 6731.958 | 3.722 | 4577.732 |
| 172.669 | 1.002 | 14.749 | | | | | | |
| 1/5/2017 12:25:00 PM | 51900.000 | 12.722 | 17.685 | 28.997 | 5790.510 | 6730.949 | 3.721 | 4577.045 |
| 172.696 | 1.002 | 14.748 | | | | | | |
| 1/5/2017 12:30:00 PM | 52200.000 | 12.724 | 17.684 | 29.003 | 5790.255 | 6730.783 | 3.721 | 4576.933 |
| 172.704 | 1.002 | 14.748 | | | | | | |
| 1/5/2017 12:35:00 PM | 52500.000 | 12.721 | 17.685 | 28.995 | 5788.748 | 6728.901 | 3.720 | 4575.653 |
| 172.749 | 1.002 | 14.746 | | | | | | |
| 1/5/2017 12:40:00 PM | 52800.000 | 12.726 | 17.685 | 29.006 | 5789.329 | 6729.588 | 3.721 | 4576.121 |
| 172.732 | 1.002 | 14.744 | | | | | | |
| 1/5/2017 12:45:00 PM | 53100.000 | 12.727 | 17.684 | 29.009 | 5786.522 | 6726.379 | 3.719 | 4573.938 |
| 172.815 | 1.002 | 14.742 | | | | | | |
| 1/5/2017 12:50:00 PM | 53400.000 | 12.728 | 17.685 | 29.012 | 5786.971 | 6726.862 | 3.719 | 4574.267 |
| 172.802 | 1.002 | 14.742 | | | | | | |
| 1/5/2017 12:55:00 PM | 53700.000 | 12.728 | 17.684 | 29.012 | 5783.702 | 6723.101 | 3.717 | 4571.709 |
| 172.900 | 1.001 | 14.742 | | | | | | |
| 1/5/2017 1:00:00 PM | 54000.000 | 12.721 | 17.685 | 28.995 | 5783.904 | 6723.298 | 3.717 | 4571.843 |
| 172.894 | 1.001 | 14.742 | | | | | | |
| 1/5/2017 1:05:00 PM | 54300.000 | 12.722 | 17.684 | 28.997 | 5783.068 | 6722.442 | 3.716 | 4571.261 |
| 172.919 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 1:10:00 PM | 54600.000 | 12.728 | 17.685 | 29.011 | 5781.035 | 6719.948 | 3.715 | 4569.565 |
| 172.979 | 1.001 | 14.738 | | | | | | |
| 1/5/2017 1:15:00 PM | 54900.000 | 12.727 | 17.684 | 29.008 | 5781.355 | 6720.386 | 3.715 | 4569.863 |
| 172.970 | 1.001 | 14.736 | | | | | | |
| 1/5/2017 1:20:00 PM | 55200.000 | 12.725 | 17.684 | 29.003 | 5778.892 | 6717.523 | 3.714 | 4567.916 |
| 173.044 | 1.001 | 14.736 | | | | | | |
| 1/5/2017 1:25:00 PM | 55500.000 | 12.724 | 17.685 | 29.003 | 5777.878 | 6716.320 | 3.713 | 4567.098 |
| 173.074 | 1.001 | 14.736 | | | | | | |
| 1/5/2017 1:30:00 PM | 55800.000 | 12.728 | 17.684 | 29.011 | 5779.005 | 6717.680 | 3.714 | 4568.023 |
| 173.040 | 1.001 | 14.736 | | | | | | |
| 1/5/2017 1:35:00 PM | 56100.000 | 12.727 | 17.685 | 29.008 | 5779.783 | 6718.521 | 3.714 | 4568.594 |
| 173.017 | 1.001 | 14.737 | | | | | | |
| 1/5/2017 1:40:00 PM | 56400.000 | 12.726 | 17.684 | 29.006 | 5779.704 | 6718.493 | 3.714 | 4568.575 |
| 173.019 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 1:45:00 PM | 56700.000 | 12.721 | 17.685 | 28.995 | 5777.768 | 6716.149 | 3.713 | 4566.982 |
| 173.077 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 1:50:00 PM | 57000.000 | 12.723 | 17.685 | 29.000 | 5775.639 | 6713.704 | 3.711 | 4565.318 |
| 173.141 | 1.001 | 14.741 | | | | | | |
| 1/5/2017 1:55:00 PM | 57300.000 | 12.721 | 17.684 | 28.996 | 5777.091 | 6715.456 | 3.712 | 4566.510 |
| 173.097 | 1.001 | 14.742 | | | | | | |
| 1/5/2017 2:00:00 PM | 57600.000 | 12.721 | 17.685 | 28.995 | 5775.886 | 6713.962 | 3.711 | 4565.495 |
| 173.134 | 1.001 | 14.744 | | | | | | |
| 1/5/2017 2:05:00 PM | 57900.000 | 12.724 | 17.684 | 29.002 | 5775.770 | 6713.919 | 3.711 | 4565.465 |
| 173.137 | 1.001 | 14.743 | | | | | | |
| 1/5/2017 2:10:00 PM | 58200.000 | 12.723 | 17.685 | 28.999 | 5776.169 | 6714.333 | 3.712 | 4565.747 |
| 173.125 | 1.001 | 14.742 | | | | | | |
| 1/5/2017 2:15:00 PM | 58500.000 | 12.719 | 17.684 | 28.992 | 5773.682 | 6711.453 | 3.710 | 4563.788 |
| 173.200 | 1.001 | 14.741 | | | | | | |
| 1/5/2017 2:20:00 PM | 58800.000 | 12.718 | 17.684 | 28.989 | 5775.049 | 6713.069 | 3.711 | 4564.888 |
| 173.159 | 1.001 | 14.741 | | | | | | |
| 1/5/2017 2:25:00 PM | 59100.000 | 12.725 | 17.684 | 29.003 | 5773.465 | 6711.201 | 3.710 | 4563.617 |
| 173.206 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 12.717 | 17.684 | 28.987 | 5775.145 | 6713.207 | 3.711 | 4564.981 |
| 173.156 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 2:35:00 PM | 59700.000 | 12.717 | 17.684 | 28.987 | 5774.375 | 6712.273 | 3.710 | 4564.346 |
| 173.179 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 2:40:00 PM | 60000.000 | 12.719 | 17.685 | 28.991 | 5773.756 | 6711.475 | 3.710 | 4563.804 |
| 173.197 | 1.001 | 14.738 | | | | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 12.719 | 17.684 | 28.991 | 5773.047 | 6710.754 | 3.710 | 4563.313 |
| 173.219 | 1.001 | 14.738 | | | | | | |
| 1/5/2017 2:50:00 PM | 60600.000 | 12.723 | 17.685 | 29.000 | 5773.604 | 6711.351 | 3.710 | 4563.718 |
| 173.202 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 2:55:00 PM | 60900.000 | 12.721 | 17.685 | 28.995 | 5771.798 | 6709.238 | 3.709 | 4562.283 |
| 173.256 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 12.720 | 17.684 | 28.992 | 5770.857 | 6708.273 | 3.708 | 4561.626 |
| 173.284 | 1.001 | 14.741 | | | | | | |
| 1/5/2017 3:05:00 PM | 61500.000 | 12.717 | 17.684 | 28.985 | 5772.410 | 6709.989 | 3.709 | 4562.793 |
| 173.238 | 1.001 | 14.741 | | | | | | |
| 1/5/2017 3:10:00 PM | 61800.000 | 12.716 | 17.684 | 28.984 | 5772.399 | 6709.976 | 3.709 | 4562.783 |
| 173.238 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 12.721 | 17.684 | 28.994 | 5772.207 | 6709.739 | 3.709 | 4562.623 |
| 173.244 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 3:20:00 PM | 62400.000 | 12.720 | 17.685 | 28.993 | 5769.876 | 6707.018 | 3.707 | 4560.773 |
| 173.314 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 3:25:00 PM | 62700.000 | 12.720 | 17.684 | 28.992 | 5770.257 | 6707.511 | 3.708 | 4561.108 |
| 173.302 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 12.723 | 17.685 | 28.999 | 5770.097 | 6707.248 | 3.707 | 4560.929 |
| 173.307 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 3:35:00 PM | 63300.000 | 12.723 | 17.684 | 28.999 | 5771.907 | 6709.390 | 3.709 | 4562.385 |
| 173.253 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 3:40:00 PM | 63600.000 | 12.718 | 17.684 | 28.988 | 5770.346 | 6707.641 | 3.708 | 4561.196 |
| 173.300 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 12.717 | 17.684 | 28.985 | 5769.042 | 6706.060 | 3.707 | 4560.121 |
| 173.339 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 3:50:00 PM | 64200.000 | 12.722 | 17.684 | 28.997 | 5772.802 | 6710.496 | 3.709 | 4563.138 |
| 173.226 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 3:55:00 PM | 64500.000 | 12.717 | 17.684 | 28.986 | 5771.159 | 6708.534 | 3.708 | 4561.803 |
| 173.275 | 1.001 | 14.741 | | | | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 12.718 | 17.685 | 28.987 | 5771.279 | 6708.648 | 3.708 | 4561.881 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 173.272 | 1.001 | 14.741 | | | | | | |
| 1/5/2017 4:05:00 PM | 65100.000 | 12.719 | 17.684 | 28.990 | 5771.553 | 6709.083 | 3.709 | 4562.177 |
| 173.264 | 1.001 | 14.743 | | | | | | |
| 1/5/2017 4:10:00 PM | 65400.000 | 12.718 | 17.684 | 28.988 | 5770.954 | 6708.309 | 3.708 | 4561.650 |
| 173.282 | 1.001 | 14.744 | | | | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 12.713 | 17.684 | 28.976 | 5770.778 | 6708.131 | 3.708 | 4561.530 |
| 173.287 | 1.001 | 14.745 | | | | | | |
| 1/5/2017 4:20:00 PM | 66000.000 | 12.719 | 17.684 | 28.990 | 5772.149 | 6709.710 | 3.709 | 4562.604 |
| 173.246 | 1.001 | 14.745 | | | | | | |
| 1/5/2017 4:25:00 PM | 66300.000 | 12.716 | 17.684 | 28.985 | 5772.767 | 6710.390 | 3.709 | 4563.065 |
| 173.227 | 1.001 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 12.716 | 17.684 | 28.984 | 5772.549 | 6710.202 | 3.709 | 4562.938 |
| 173.234 | 1.001 | 14.745 | | | | | | |
| 1/5/2017 4:35:00 PM | 66900.000 | 12.712 | 17.685 | 28.975 | 5771.757 | 6709.163 | 3.709 | 4562.231 |
| 173.257 | 1.001 | 14.746 | | | | | | |
| 1/5/2017 4:40:00 PM | 67200.000 | 12.709 | 17.685 | 28.968 | 5771.287 | 6708.616 | 3.708 | 4561.859 |
| 173.272 | 1.001 | 14.747 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 12.709 | 17.685 | 28.969 | 5771.302 | 6708.675 | 3.708 | 4561.900 |
| 173.271 | 1.001 | 14.749 | | | | | | |
| 1/5/2017 4:50:00 PM | 67800.000 | 12.715 | 17.684 | 28.982 | 5773.550 | 6711.313 | 3.710 | 4563.693 |
| 173.204 | 1.001 | 14.749 | | | | | | |
| 1/5/2017 4:55:00 PM | 68100.000 | 12.709 | 17.684 | 28.968 | 5771.912 | 6709.422 | 3.709 | 4562.408 |
| 173.253 | 1.001 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 12.715 | 17.684 | 28.981 | 5772.655 | 6710.273 | 3.709 | 4562.986 |
| 173.231 | 1.001 | 14.749 | | | | | | |
| 1/5/2017 5:05:00 PM | 68700.000 | 12.709 | 17.684 | 28.968 | 5774.091 | 6712.060 | 3.710 | 4564.201 |
| 173.187 | 1.001 | 14.750 | | | | | | |
| 1/5/2017 5:10:00 PM | 69000.000 | 12.711 | 17.684 | 28.972 | 5774.178 | 6712.083 | 3.710 | 4564.217 |
| 173.185 | 1.001 | 14.750 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 12.714 | 17.684 | 28.980 | 5773.337 | 6711.106 | 3.710 | 4563.552 |
| 173.210 | 1.001 | 14.751 | | | | | | |
| 1/5/2017 5:20:00 PM | 69600.000 | 12.714 | 17.684 | 28.979 | 5773.757 | 6711.567 | 3.710 | 4563.866 |
| 173.197 | 1.001 | 14.751 | | | | | | |
| 1/5/2017 5:25:00 PM | 69900.000 | 12.712 | 17.684 | 28.974 | 5773.089 | 6710.803 | 3.710 | 4563.346 |
| 173.217 | 1.001 | 14.752 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 12.707 | 17.684 | 28.964 | 5775.586 | 6713.731 | 3.711 | 4565.338 |
| 173.143 | 1.001 | 14.753 | | | | | | |
| 1/5/2017 5:35:00 PM | 70500.000 | 12.707 | 17.684 | 28.963 | 5774.577 | 6712.625 | 3.711 | 4564.585 |
| 173.173 | 1.001 | 14.752 | | | | | | |
| 1/5/2017 5:40:00 PM | 70800.000 | 12.708 | 17.684 | 28.966 | 5773.964 | 6711.807 | 3.710 | 4564.029 |
| 173.191 | 1.001 | 14.752 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 12.709 | 17.685 | 28.968 | 5775.020 | 6712.997 | 3.711 | 4564.838 |
| 173.160 | 1.001 | 14.751 | | | | | | |
| 1/5/2017 5:50:00 PM | 71400.000 | 12.712 | 17.684 | 28.974 | 5776.213 | 6714.410 | 3.712 | 4565.799 |
| 173.124 | 1.001 | 14.749 | | | | | | |
| 1/5/2017 5:55:00 PM | 71700.000 | 12.714 | 17.684 | 28.980 | 5774.544 | 6712.481 | 3.711 | 4564.487 |
| 173.174 | 1.001 | 14.747 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 12.716 | 17.684 | 28.984 | 5776.609 | 6714.921 | 3.712 | 4566.147 |
| 173.112 | 1.001 | 14.745 | | | | | | |
| 1/5/2017 6:05:00 PM | 72300.000 | 12.717 | 17.684 | 28.985 | 5777.758 | 6716.191 | 3.713 | 4567.010 |
| 173.077 | 1.001 | 14.749 | | | | | | |
| 1/5/2017 6:10:00 PM | 72600.000 | 12.709 | 17.684 | 28.968 | 5776.029 | 6714.236 | 3.712 | 4565.681 |
| 173.129 | 1.001 | 14.752 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 12.711 | 17.684 | 28.972 | 5776.906 | 6715.255 | 3.712 | 4566.374 |
| 173.103 | 1.001 | 14.755 | | | | | | |
| 1/5/2017 6:20:00 PM | 73200.000 | 12.713 | 17.684 | 28.978 | 5777.110 | 6715.438 | 3.712 | 4566.498 |
| 173.097 | 1.001 | 14.753 | | | | | | |
| 1/5/2017 6:25:00 PM | 73500.000 | 12.716 | 17.685 | 28.984 | 5777.216 | 6715.550 | 3.712 | 4566.574 |
| 173.094 | 1.001 | 14.751 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 12.719 | 17.685 | 28.990 | 5777.358 | 6715.662 | 3.712 | 4566.650 |
| 173.090 | 1.001 | 14.748 | | | | | | |
| 1/5/2017 6:35:00 PM | 74100.000 | 12.712 | 17.684 | 28.974 | 5778.056 | 6716.576 | 3.713 | 4567.272 |
| 173.069 | 1.001 | 14.752 | | | | | | |
| 1/5/2017 6:40:00 PM | 74400.000 | 12.713 | 17.684 | 28.976 | 5779.953 | 6718.835 | 3.714 | 4568.809 |
| 173.012 | 1.001 | 14.756 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 12.706 | 17.685 | 28.960 | 5776.931 | 6715.218 | 3.712 | 4566.349 |
| 173.102 | 1.001 | 14.761 | | | | | | |
| 1/5/2017 6:50:00 PM | 75000.000 | 12.712 | 17.685 | 28.974 | 5779.130 | 6717.775 | 3.714 | 4568.087 |
| 173.036 | 1.001 | 14.760 | | | | | | |
| 1/5/2017 6:55:00 PM | 75300.000 | 12.709 | 17.684 | 28.969 | 5778.829 | 6717.540 | 3.714 | 4567.927 |
| 173.045 | 1.001 | 14.759 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 12.706 | 17.685 | 28.962 | 5777.931 | 6716.381 | 3.713 | 4567.139 |
| 173.072 | 1.001 | 14.759 | | | | | | |
| 1/5/2017 7:05:00 PM | 75900.000 | 12.706 | 17.684 | 28.960 | 5781.200 | 6720.207 | 3.715 | 4569.741 |
| 172.974 | 1.001 | 14.758 | | | | | | |
| 1/5/2017 7:10:00 PM | 76200.000 | 12.708 | 17.684 | 28.965 | 5782.231 | 6721.445 | 3.716 | 4570.583 |
| 172.944 | 1.001 | 14.758 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 12.712 | 17.684 | 28.976 | 5780.729 | 6719.644 | 3.715 | 4569.358 |
| 172.989 | 1.001 | 14.757 | | | | | | |
| 1/5/2017 7:20:00 PM | 76800.000 | 12.707 | 17.685 | 28.962 | 5780.124 | 6718.903 | 3.714 | 4568.854 |
| 173.007 | 1.001 | 14.758 | | | | | | |
| 1/5/2017 7:25:00 PM | 77100.000 | 12.709 | 17.684 | 28.968 | 5782.245 | 6721.485 | 3.716 | 4570.610 |
| 172.943 | 1.001 | 14.759 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 12.703 | 17.684 | 28.954 | 5781.813 | 6721.009 | 3.716 | 4570.286 |
| 172.956 | 1.001 | 14.760 | | | | | | |
| 1/5/2017 7:35:00 PM | 77700.000 | 12.705 | 17.684 | 28.960 | 5781.394 | 6720.444 | 3.715 | 4569.902 |
| 172.969 | 1.001 | 14.759 | | | | | | |
| 1/5/2017 7:40:00 PM | 78000.000 | 12.706 | 17.684 | 28.960 | 5781.676 | 6720.772 | 3.715 | 4570.125 |
| 172.960 | 1.001 | 14.758 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 12.708 | 17.684 | 28.966 | 5784.564 | 6724.142 | 3.717 | 4572.417 |
| 172.874 | 1.002 | 14.756 | | | | | | |
| 1/5/2017 7:50:00 PM | 78600.000 | 12.713 | 17.684 | 28.976 | 5785.975 | 6725.743 | 3.718 | 4573.505 |
| 172.832 | 1.002 | 14.757 | | | | | | |
| 1/5/2017 7:55:00 PM | 78900.000 | 12.708 | 17.684 | 28.965 | 5783.503 | 6722.987 | 3.717 | 4571.631 |
| 172.906 | 1.001 | 14.757 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 12.713 | 17.684 | 28.977 | 5786.109 | 6725.938 | 3.718 | 4573.638 |
| 172.828 | 1.002 | 14.758 | | | | | | |
| 1/5/2017 8:05:00 PM | 79500.000 | 12.710 | 17.685 | 28.971 | 5785.209 | 6724.799 | 3.718 | 4572.864 |
| 172.855 | 1.002 | 14.759 | | | | | | |
| 1/5/2017 8:10:00 PM | 79800.000 | 12.704 | 17.684 | 28.955 | 5786.262 | 6726.103 | 3.719 | 4573.750 |
| 172.823 | 1.002 | 14.761 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 12.710 | 17.684 | 28.969 | 5786.206 | 6726.038 | 3.719 | 4573.706 |
| 172.825 | 1.002 | 14.763 | | | | | | |
| 1/5/2017 8:20:00 PM | 80400.000 | 12.711 | 17.684 | 28.971 | 5788.953 | 6729.297 | 3.720 | 4575.922 |
| 172.743 | 1.002 | 14.762 | | | | | | |
| 1/5/2017 8:25:00 PM | 80700.000 | 12.709 | 17.684 | 28.969 | 5789.885 | 6730.327 | 3.721 | 4576.623 |
| 172.715 | 1.002 | 14.760 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 12.707 | 17.684 | 28.963 | 5790.800 | 6731.417 | 3.722 | 4577.364 |
| 172.688 | 1.002 | 14.759 | | | | | | |
| 1/5/2017 8:35:00 PM | 81300.000 | 12.712 | 17.684 | 28.973 | 5792.457 | 6733.356 | 3.723 | 4578.683 |
| 172.638 | 1.002 | 14.760 | | | | | | |
| 1/5/2017 8:40:00 PM | 81600.000 | 12.710 | 17.684 | 28.969 | 5794.357 | 6735.565 | 3.724 | 4580.185 |
| 172.582 | 1.002 | 14.762 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 12.709 | 17.684 | 28.967 | 5804.260 | 6747.037 | 3.731 | 4587.985 |
| 172.287 | 1.002 | 14.763 | | | | | | |
| 1/5/2017 8:50:00 PM | 82200.000 | 12.703 | 17.684 | 28.954 | 5817.871 | 6762.858 | 3.740 | 4598.744 |
| 171.884 | 1.002 | 14.765 | | | | | | |
| 1/5/2017 8:55:00 PM | 82500.000 | 12.706 | 17.684 | 28.962 | 5827.869 | 6774.456 | 3.747 | 4606.630 |
| 171.589 | 1.002 | 14.767 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 12.701 | 17.684 | 28.950 | 5839.720 | 6788.283 | 3.755 | 4616.033 |
| 171.241 | 1.002 | 14.769 | | | | | | |
| 1/5/2017 9:05:00 PM | 83100.000 | 12.706 | 17.683 | 28.960 | 5849.166 | 6799.356 | 3.762 | 4623.563 |
| 170.965 | 1.002 | 14.768 | | | | | | |
| 1/5/2017 9:10:00 PM | 83400.000 | 12.701 | 17.684 | 28.951 | 5856.639 | 6807.898 | 3.767 | 4629.371 |
| 170.746 | 1.002 | 14.768 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 12.709 | 17.684 | 28.967 | 5863.592 | 6816.032 | 3.772 | 4634.902 |
| 170.544 | 1.002 | 14.767 | | | | | | |
| 1/5/2017 9:20:00 PM | 84000.000 | 12.711 | 17.684 | 28.972 | 5872.785 | 6826.732 | 3.778 | 4642.179 |
| 170.277 | 1.002 | 14.767 | | | | | | |
| 1/5/2017 9:25:00 PM | 84300.000 | 12.711 | 17.684 | 28.972 | 5879.521 | 6834.538 | 3.783 | 4647.486 |
| 170.082 | 1.002 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 12.713 | 17.684 | 28.977 | 5885.071 | 6840.949 | 3.786 | 4651.845 |
| 169.921 | 1.002 | 14.767 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 9:35:00 PM | 84900.000 | 12.711 | 17.684 | 28.971 | 5890.859 | 6847.742 | 3.790 | 4656.465 |
| 169.755 | 1.002 | 14.771 | | | | | | |
| 1/5/2017 9:40:00 PM | 85200.000 | 12.706 | 17.684 | 28.961 | 5896.992 | 6854.857 | 3.795 | 4661.304 |
| 169.579 | 1.002 | 14.775 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 12.704 | 17.684 | 28.956 | 5899.941 | 6858.325 | 3.797 | 4663.662 |
| 169.493 | 1.002 | 14.778 | | | | | | |
| 1/5/2017 9:50:00 PM | 85800.000 | 12.705 | 17.684 | 28.959 | 5906.726 | 6866.134 | 3.801 | 4668.972 |
| 169.299 | 1.002 | 14.776 | | | | | | |
| 1/5/2017 9:55:00 PM | 86100.000 | 12.702 | 17.684 | 28.952 | 5912.568 | 6872.953 | 3.805 | 4673.609 |
| 169.131 | 1.002 | 14.774 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 12.710 | 17.684 | 28.970 | 5915.297 | 6876.176 | 3.807 | 4675.800 |
| 169.053 | 1.002 | 14.773 | | | | | | |
| 1/5/2017 10:05:00 PM | 86700.000 | 12.705 | 17.685 | 28.958 | 5919.748 | 6881.232 | 3.810 | 4679.238 |
| 168.926 | 1.002 | 14.773 | | | | | | |
| 1/5/2017 10:10:00 PM | 87000.000 | 12.705 | 17.684 | 28.958 | 5925.404 | 6887.832 | 3.814 | 4683.726 |
| 168.765 | 1.002 | 14.774 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 12.709 | 17.684 | 28.967 | 5926.271 | 6888.827 | 3.815 | 4684.402 |
| 168.740 | 1.002 | 14.775 | | | | | | |
| 1/5/2017 10:20:00 PM | 87600.000 | 12.712 | 17.684 | 28.974 | 5934.560 | 6898.542 | 3.821 | 4691.009 |
| 168.504 | 1.002 | 14.772 | | | | | | |
| 1/5/2017 10:25:00 PM | 87900.000 | 12.715 | 17.684 | 28.981 | 5935.952 | 6900.214 | 3.822 | 4692.146 |
| 168.465 | 1.002 | 14.770 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 12.713 | 17.684 | 28.978 | 5939.212 | 6903.909 | 3.824 | 4694.658 |
| 168.373 | 1.002 | 14.768 | | | | | | |
| 1/5/2017 10:35:00 PM | 88500.000 | 12.720 | 17.684 | 28.994 | 5942.894 | 6908.149 | 3.826 | 4697.542 |
| 168.268 | 1.002 | 14.766 | | | | | | |
| 1/5/2017 10:40:00 PM | 88800.000 | 12.715 | 17.684 | 28.982 | 5945.247 | 6910.924 | 3.828 | 4699.429 |
| 168.202 | 1.002 | 14.765 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 12.717 | 17.684 | 28.985 | 5948.380 | 6914.593 | 3.830 | 4701.923 |
| 168.113 | 1.002 | 14.764 | | | | | | |
| 1/5/2017 10:50:00 PM | 89400.000 | 12.718 | 17.684 | 28.988 | 5952.999 | 6919.976 | 3.833 | 4705.584 |
| 167.983 | 1.002 | 14.767 | | | | | | |
| 1/5/2017 10:55:00 PM | 89700.000 | 12.710 | 17.684 | 28.970 | 5955.712 | 6923.104 | 3.835 | 4707.711 |
| 167.906 | 1.002 | 14.770 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 12.711 | 17.684 | 28.973 | 5960.992 | 6929.293 | 3.839 | 4711.920 |
| 167.757 | 1.002 | 14.773 | | | | | | |
| 1/5/2017 11:05:00 PM | 90300.000 | 12.716 | 17.684 | 28.984 | 5964.026 | 6932.769 | 3.841 | 4714.283 |
| 167.672 | 1.002 | 14.770 | | | | | | |
| 1/5/2017 11:10:00 PM | 90600.000 | 12.713 | 17.684 | 28.977 | 5964.590 | 6933.490 | 3.841 | 4714.773 |
| 167.656 | 1.002 | 14.767 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 12.720 | 17.684 | 28.993 | 5967.698 | 6937.049 | 3.843 | 4717.193 |
| 167.569 | 1.002 | 14.764 | | | | | | |
| 1/5/2017 11:20:00 PM | 91200.000 | 12.719 | 17.684 | 28.991 | 5970.945 | 6940.823 | 3.846 | 4719.760 |
| 167.478 | 1.002 | 14.766 | | | | | | |
| 1/5/2017 11:25:00 PM | 91500.000 | 12.714 | 17.684 | 28.979 | 5973.883 | 6944.212 | 3.848 | 4722.064 |
| 167.395 | 1.002 | 14.768 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 12.715 | 17.684 | 28.982 | 5976.033 | 6946.766 | 3.849 | 4723.801 |
| 167.335 | 1.002 | 14.770 | | | | | | |
| 1/5/2017 11:35:00 PM | 92100.000 | 12.716 | 17.684 | 28.985 | 5977.991 | 6948.974 | 3.850 | 4725.303 |
| 167.280 | 1.002 | 14.770 | | | | | | |
| 1/5/2017 11:40:00 PM | 92400.000 | 12.712 | 17.684 | 28.975 | 5982.143 | 6953.840 | 3.853 | 4728.611 |
| 167.164 | 1.002 | 14.771 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 12.713 | 17.684 | 28.978 | 5983.101 | 6955.008 | 3.854 | 4729.405 |
| 167.137 | 1.002 | 14.771 | | | | | | |
| 1/5/2017 11:50:00 PM | 93000.000 | 12.717 | 17.684 | 28.986 | 5985.359 | 6957.607 | 3.855 | 4731.173 |
| 167.074 | 1.002 | 14.771 | | | | | | |
| 1/5/2017 11:55:00 PM | 93300.000 | 12.713 | 17.684 | 28.978 | 5986.923 | 6959.370 | 3.857 | 4732.372 |
| 167.031 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 12.715 | 17.684 | 28.981 | 5988.593 | 6961.366 | 3.858 | 4733.729 |
| 166.984 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 12:05:00 AM | 93900.000 | 12.720 | 17.684 | 28.992 | 5991.244 | 6964.380 | 3.860 | 4735.778 |
| 166.910 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 12:10:00 AM | 94200.000 | 12.720 | 17.684 | 28.994 | 5992.820 | 6966.212 | 3.861 | 4737.024 |
| 166.866 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 12.716 | 17.684 | 28.984 | 5995.301 | 6969.068 | 3.862 | 4738.966 |
| 166.797 | 1.002 | 14.770 | | | | | | |
| 1/6/2017 12:20:00 AM | 94800.000 | 12.715 | 17.684 | 28.982 | 5997.548 | 6971.736 | 3.864 | 4740.780 |
| 166.735 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 12:25:00 AM | 95100.000 | 12.720 | 17.684 | 28.993 | 5998.333 | 6972.729 | 3.864 | 4741.456 |
| 166.713 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 12.715 | 17.684 | 28.982 | 6002.550 | 6977.616 | 3.867 | 4744.779 |
| 166.596 | 1.002 | 14.772 | | | | | | |
| 1/6/2017 12:35:00 AM | 95700.000 | 12.720 | 17.684 | 28.993 | 6001.409 | 6976.224 | 3.867 | 4743.833 |
| 166.628 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 12:40:00 AM | 96000.000 | 12.716 | 17.684 | 28.983 | 6003.219 | 6978.271 | 3.868 | 4745.225 |
| 166.577 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 12.718 | 17.684 | 28.988 | 6004.275 | 6979.540 | 3.868 | 4746.087 |
| 166.548 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 12:50:00 AM | 96600.000 | 12.722 | 17.684 | 28.997 | 6007.087 | 6982.768 | 3.870 | 4748.282 |
| 166.470 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 12:55:00 AM | 96900.000 | 12.717 | 17.684 | 28.986 | 6007.768 | 6983.616 | 3.871 | 4748.859 |
| 166.451 | 1.002 | 14.770 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 12.720 | 17.684 | 28.993 | 6008.906 | 6984.990 | 3.872 | 4749.793 |
| 166.420 | 1.002 | 14.772 | | | | | | |
| 1/6/2017 1:05:00 AM | 97500.000 | 12.722 | 17.684 | 28.998 | 6010.343 | 6986.581 | 3.873 | 4750.875 |
| 166.380 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 1:10:00 AM | 97800.000 | 12.718 | 17.684 | 28.987 | 6011.864 | 6988.349 | 3.874 | 4752.078 |
| 166.338 | 1.002 | 14.770 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 12.722 | 17.684 | 28.997 | 6012.865 | 6989.513 | 3.874 | 4752.869 |
| 166.310 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 1:20:00 AM | 98400.000 | 12.716 | 17.684 | 28.985 | 6013.735 | 6990.564 | 3.875 | 4753.584 |
| 166.286 | 1.002 | 14.770 | | | | | | |
| 1/6/2017 1:25:00 AM | 98700.000 | 12.719 | 17.684 | 28.991 | 6014.792 | 6991.781 | 3.876 | 4754.411 |
| 166.257 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 12.715 | 17.684 | 28.982 | 6017.262 | 6994.664 | 3.877 | 4756.372 |
| 166.189 | 1.002 | 14.772 | | | | | | |
| 1/6/2017 1:35:00 AM | 99300.000 | 12.719 | 17.684 | 28.991 | 6018.072 | 6995.605 | 3.878 | 4757.012 |
| 166.166 | 1.002 | 14.772 | | | | | | |
| 1/6/2017 1:40:00 AM | 99600.000 | 12.723 | 17.684 | 28.999 | 6018.057 | 6995.561 | 3.878 | 4756.982 |
| 166.167 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 12.723 | 17.684 | 29.001 | 6019.870 | 6997.709 | 3.879 | 4758.442 |
| 166.117 | 1.002 | 14.770 | | | | | | |
| 1/6/2017 1:50:00 AM | 100200.000 | 12.725 | 17.684 | 29.005 | 6019.579 | 6997.303 | 3.879 | 4758.167 |
| 166.125 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 1:55:00 AM | 100500.000 | 12.721 | 17.684 | 28.995 | 6023.234 | 7001.552 | 3.882 | 4761.056 |
| 166.024 | 1.002 | 14.767 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 12.725 | 17.684 | 29.005 | 6022.769 | 7001.053 | 3.881 | 4760.716 |
| 166.037 | 1.002 | 14.765 | | | | | | |
| 1/6/2017 2:05:00 AM | 101100.000 | 12.729 | 17.684 | 29.013 | 6026.396 | 7005.295 | 3.884 | 4763.601 |
| 165.937 | 1.002 | 14.767 | | | | | | |
| 1/6/2017 2:10:00 AM | 101400.000 | 12.723 | 17.684 | 29.000 | 6026.063 | 7004.895 | 3.884 | 4763.329 |
| 165.946 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 12.726 | 17.684 | 29.007 | 6025.881 | 7004.656 | 3.883 | 4763.167 |
| 165.951 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 2:20:00 AM | 102000.000 | 12.728 | 17.684 | 29.010 | 6025.395 | 7004.106 | 3.883 | 4762.792 |
| 165.964 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 2:25:00 AM | 102300.000 | 12.724 | 17.684 | 29.001 | 6028.057 | 7007.201 | 3.885 | 4764.897 |
| 165.891 | 1.002 | 14.767 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 12.725 | 17.684 | 29.005 | 6026.573 | 7005.542 | 3.884 | 4763.769 |
| 165.932 | 1.002 | 14.765 | | | | | | |
| 1/6/2017 2:35:00 AM | 102900.000 | 12.730 | 17.685 | 29.016 | 6028.165 | 7007.258 | 3.885 | 4764.936 |
| 165.888 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 2:40:00 AM | 103200.000 | 12.729 | 17.684 | 29.013 | 6029.209 | 7008.499 | 3.886 | 4765.779 |
| 165.859 | 1.002 | 14.772 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 12.722 | 17.684 | 28.997 | 6028.630 | 7007.933 | 3.885 | 4765.394 |
| 165.875 | 1.002 | 14.776 | | | | | | |
| 1/6/2017 2:50:00 AM | 103800.000 | 12.723 | 17.684 | 29.000 | 6030.944 | 7010.528 | 3.887 | 4767.160 |
| 165.812 | 1.002 | 14.774 | | | | | | |
| 1/6/2017 2:55:00 AM | 104100.000 | 12.719 | 17.684 | 28.991 | 6031.580 | 7011.254 | 3.887 | 4767.653 |
| 165.794 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 12.725 | 17.684 | 29.004 | 6030.506 | 7010.100 | 3.887 | 4766.868 |
| 165.824 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 3:05:00 AM | 104700.000 | 12.725 | 17.684 | 29.004 | 6030.825 | 7010.430 | 3.887 | 4767.093 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 165.815 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 3:10:00 AM | 105000.000 | 12.725 | 17.684 | 29.005 | 6032.391 | 7012.264 | 3.888 | 4768.340 |
| 165.772 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 12.725 | 17.684 | 29.005 | 6032.155 | 7011.922 | 3.888 | 4768.107 |
| 165.778 | 1.002 | 14.767 | | | | | | |
| 1/6/2017 3:20:00 AM | 105600.000 | 12.727 | 17.684 | 29.008 | 6035.487 | 7015.781 | 3.890 | 4770.731 |
| 165.687 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 3:25:00 AM | 105900.000 | 12.730 | 17.684 | 29.015 | 6032.411 | 7012.247 | 3.888 | 4768.328 |
| 165.771 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 12.726 | 17.684 | 29.006 | 6033.237 | 7013.222 | 3.888 | 4768.992 |
| 165.748 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 3:35:00 AM | 106500.000 | 12.726 | 17.685 | 29.006 | 6035.900 | 7016.250 | 3.890 | 4771.050 |
| 165.675 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 3:40:00 AM | 106800.000 | 12.728 | 17.684 | 29.011 | 6033.678 | 7013.735 | 3.889 | 4769.340 |
| 165.736 | 1.002 | 14.772 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 12.728 | 17.684 | 29.011 | 6034.258 | 7014.380 | 3.889 | 4769.779 |
| 165.720 | 1.002 | 14.774 | | | | | | |
| 1/6/2017 3:50:00 AM | 107400.000 | 12.729 | 17.684 | 29.013 | 6034.121 | 7014.261 | 3.889 | 4769.698 |
| 165.724 | 1.002 | 14.772 | | | | | | |
| 1/6/2017 3:55:00 AM | 107700.000 | 12.727 | 17.684 | 29.009 | 6034.830 | 7015.058 | 3.890 | 4770.240 |
| 165.705 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 12.726 | 17.684 | 29.006 | 6037.571 | 7018.313 | 3.891 | 4772.453 |
| 165.630 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 4:05:00 AM | 108300.000 | 12.731 | 17.684 | 29.019 | 6035.752 | 7016.211 | 3.890 | 4771.024 |
| 165.679 | 1.002 | 14.767 | | | | | | |
| 1/6/2017 4:10:00 AM | 108600.000 | 12.729 | 17.684 | 29.013 | 6037.698 | 7018.489 | 3.892 | 4772.573 |
| 165.626 | 1.002 | 14.765 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 12.736 | 17.684 | 29.028 | 6035.623 | 7016.036 | 3.890 | 4770.904 |
| 165.683 | 1.002 | 14.763 | | | | | | |
| 1/6/2017 4:20:00 AM | 109200.000 | 12.736 | 17.684 | 29.029 | 6035.762 | 7016.142 | 3.890 | 4770.977 |
| 165.679 | 1.002 | 14.763 | | | | | | |
| 1/6/2017 4:25:00 AM | 109500.000 | 12.734 | 17.685 | 29.025 | 6036.124 | 7016.495 | 3.890 | 4771.217 |
| 165.669 | 1.002 | 14.764 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 12.732 | 17.684 | 29.020 | 6035.430 | 7015.756 | 3.890 | 4770.714 |
| 165.688 | 1.002 | 14.765 | | | | | | |
| 1/6/2017 4:35:00 AM | 110100.000 | 12.728 | 17.685 | 29.011 | 6035.898 | 7016.248 | 3.890 | 4771.048 |
| 165.675 | 1.002 | 14.764 | | | | | | |
| 1/6/2017 4:40:00 AM | 110400.000 | 12.730 | 17.684 | 29.016 | 6036.409 | 7016.853 | 3.891 | 4771.460 |
| 165.661 | 1.002 | 14.763 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 12.734 | 17.684 | 29.025 | 6037.072 | 7017.680 | 3.891 | 4772.023 |
| 165.643 | 1.002 | 14.763 | | | | | | |
| 1/6/2017 4:50:00 AM | 111000.000 | 12.736 | 17.684 | 29.029 | 6037.283 | 7017.966 | 3.891 | 4772.217 |
| 165.637 | 1.002 | 14.761 | | | | | | |
| 1/6/2017 4:55:00 AM | 111300.000 | 12.731 | 17.684 | 29.018 | 6037.073 | 7017.721 | 3.891 | 4772.050 |
| 165.643 | 1.002 | 14.760 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 12.735 | 17.684 | 29.027 | 6035.411 | 7015.749 | 3.890 | 4770.709 |
| 165.689 | 1.002 | 14.759 | | | | | | |
| 1/6/2017 5:05:00 AM | 111900.000 | 12.733 | 17.684 | 29.022 | 6038.754 | 7019.701 | 3.892 | 4773.397 |
| 165.597 | 1.002 | 14.762 | | | | | | |
| 1/6/2017 5:10:00 AM | 112200.000 | 12.738 | 17.684 | 29.033 | 6036.989 | 7017.595 | 3.891 | 4771.965 |
| 165.645 | 1.002 | 14.765 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 12.734 | 17.684 | 29.024 | 6035.217 | 7015.576 | 3.890 | 4770.592 |
| 165.694 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 5:20:00 AM | 112800.000 | 12.736 | 17.684 | 29.029 | 6035.167 | 7015.410 | 3.890 | 4770.479 |
| 165.695 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 5:25:00 AM | 113100.000 | 12.731 | 17.684 | 29.018 | 6035.338 | 7015.676 | 3.890 | 4770.660 |
| 165.691 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 12.731 | 17.684 | 29.018 | 6036.604 | 7017.161 | 3.891 | 4771.670 |
| 165.656 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 5:35:00 AM | 113700.000 | 12.729 | 17.684 | 29.014 | 6036.700 | 7017.191 | 3.891 | 4771.690 |
| 165.653 | 1.002 | 14.770 | | | | | | |
| 1/6/2017 5:40:00 AM | 114000.000 | 12.729 | 17.684 | 29.013 | 6035.595 | 7015.963 | 3.890 | 4770.855 |
| 165.684 | 1.002 | 14.770 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 12.732 | 17.684 | 29.021 | 6036.229 | 7016.711 | 3.891 | 4771.364 |
| 165.666 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 5:50:00 AM | 114600.000 | 12.731 | 17.684 | 29.018 | 6037.938 | 7018.671 | 3.892 | 4772.697 |
| 165.619 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 5:55:00 AM | 114900.000 | 12.732 | 17.684 | 29.019 | 6036.155 | 7016.614 | 3.890 | 4771.298 |
| 165.668 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 12.731 | 17.684 | 29.018 | 6037.041 | 7017.709 | 3.891 | 4772.043 |
| 165.644 | 1.002 | 14.767 | | | | | | |
| 1/6/2017 6:05:00 AM | 115500.000 | 12.734 | 17.684 | 29.025 | 6035.496 | 7015.847 | 3.890 | 4770.777 |
| 165.686 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 6:10:00 AM | 115800.000 | 12.733 | 17.684 | 29.022 | 6036.651 | 7017.148 | 3.891 | 4771.661 |
| 165.655 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 12.730 | 17.684 | 29.016 | 6036.543 | 7017.008 | 3.891 | 4771.566 |
| 165.658 | 1.002 | 14.770 | | | | | | |
| 1/6/2017 6:20:00 AM | 116400.000 | 12.736 | 17.684 | 29.028 | 6036.559 | 7017.041 | 3.891 | 4771.588 |
| 165.657 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 6:25:00 AM | 116700.000 | 12.736 | 17.685 | 29.029 | 6035.575 | 7015.857 | 3.890 | 4770.783 |
| 165.684 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 12.737 | 17.684 | 29.031 | 6034.123 | 7014.223 | 3.889 | 4769.672 |
| 165.724 | 1.002 | 14.767 | | | | | | |
| 1/6/2017 6:35:00 AM | 117300.000 | 12.738 | 17.684 | 29.034 | 6030.930 | 7010.552 | 3.887 | 4767.176 |
| 165.812 | 1.002 | 14.767 | | | | | | |
| 1/6/2017 6:40:00 AM | 117600.000 | 12.733 | 17.684 | 29.023 | 6023.312 | 7001.643 | 3.882 | 4761.118 |
| 166.022 | 1.002 | 14.766 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 12.739 | 17.685 | 29.035 | 6017.027 | 6994.255 | 3.877 | 4756.094 |
| 166.195 | 1.002 | 14.766 | | | | | | |
| 1/6/2017 6:50:00 AM | 118200.000 | 12.736 | 17.685 | 29.028 | 6005.021 | 6980.272 | 3.869 | 4746.585 |
| 166.527 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 6:55:00 AM | 118500.000 | 12.732 | 17.684 | 29.021 | 5998.942 | 6973.301 | 3.865 | 4741.845 |
| 166.696 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 12.736 | 17.685 | 29.030 | 5989.468 | 6962.220 | 3.858 | 4734.310 |
| 166.960 | 1.002 | 14.773 | | | | | | |
| 1/6/2017 7:05:00 AM | 119100.000 | 12.732 | 17.684 | 29.020 | 5981.866 | 6953.507 | 3.853 | 4728.385 |
| 167.172 | 1.002 | 14.772 | | | | | | |
| 1/6/2017 7:10:00 AM | 119400.000 | 12.738 | 17.685 | 29.034 | 5974.042 | 6944.331 | 3.848 | 4722.145 |
| 167.391 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 12.732 | 17.685 | 29.021 | 5969.412 | 6938.919 | 3.844 | 4718.465 |
| 167.521 | 1.002 | 14.771 | | | | | | |
| 1/6/2017 7:20:00 AM | 120000.000 | 12.733 | 17.685 | 29.022 | 5963.185 | 6931.654 | 3.840 | 4713.525 |
| 167.696 | 1.002 | 14.772 | | | | | | |
| 1/6/2017 7:25:00 AM | 120300.000 | 12.738 | 17.684 | 29.034 | 5957.663 | 6925.317 | 3.836 | 4709.216 |
| 167.851 | 1.002 | 14.773 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 12.738 | 17.685 | 29.034 | 5952.465 | 6919.235 | 3.833 | 4705.081 |
| 167.998 | 1.002 | 14.774 | | | | | | |
| 1/6/2017 7:35:00 AM | 120900.000 | 12.736 | 17.684 | 29.030 | 5947.378 | 6913.362 | 3.829 | 4701.086 |
| 168.141 | 1.002 | 14.776 | | | | | | |
| 1/6/2017 7:40:00 AM | 121200.000 | 12.730 | 17.685 | 29.017 | 5942.458 | 6907.630 | 3.826 | 4697.189 |
| 168.281 | 1.002 | 14.777 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 12.731 | 17.685 | 29.018 | 5938.628 | 6903.165 | 3.823 | 4694.152 |
| 168.389 | 1.002 | 14.778 | | | | | | |
| 1/6/2017 7:50:00 AM | 121800.000 | 12.737 | 17.685 | 29.031 | 5932.378 | 6895.899 | 3.819 | 4689.212 |
| 168.566 | 1.002 | 14.777 | | | | | | |
| 1/6/2017 7:55:00 AM | 122100.000 | 12.738 | 17.684 | 29.034 | 5929.628 | 6892.743 | 3.817 | 4687.065 |
| 168.645 | 1.002 | 14.776 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 12.739 | 17.685 | 29.035 | 5923.271 | 6885.272 | 3.813 | 4681.985 |
| 168.826 | 1.002 | 14.774 | | | | | | |
| 1/6/2017 8:05:00 AM | 122700.000 | 12.741 | 17.684 | 29.041 | 5921.075 | 6882.842 | 3.811 | 4680.333 |
| 168.888 | 1.002 | 14.775 | | | | | | |
| 1/6/2017 8:10:00 AM | 123000.000 | 12.738 | 17.685 | 29.033 | 5916.647 | 6877.600 | 3.808 | 4676.768 |
| 169.015 | 1.002 | 14.776 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 12.741 | 17.684 | 29.040 | 5911.002 | 6871.144 | 3.804 | 4672.377 |
| 169.176 | 1.002 | 14.777 | | | | | | |
| 1/6/2017 8:20:00 AM | 123600.000 | 12.733 | 17.684 | 29.022 | 5909.748 | 6869.646 | 3.803 | 4671.359 |
| 169.212 | 1.002 | 14.778 | | | | | | |
| 1/6/2017 8:25:00 AM | 123900.000 | 12.738 | 17.684 | 29.033 | 5903.095 | 6861.899 | 3.799 | 4666.092 |
| 169.403 | 1.002 | 14.779 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 12.733 | 17.685 | 29.022 | 5899.395 | 6857.530 | 3.796 | 4663.120 |
| 169.509 | 1.002 | 14.780 | | | | | | |
| 1/6/2017 8:35:00 AM | 124500.000 | 12.731 | 17.684 | 29.019 | 5895.875 | 6853.533 | 3.794 | 4660.403 |
| 169.610 | 1.002 | 14.782 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/6/2017 8:40:00 AM | 124800.000 | 12.737 | 17.684 | 29.031 | 5891.964 | 6848.986 | 3.791 | 4657.311 |
| 169.723 | 1.002 | 14.784 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 12.731 | 17.685 | 29.019 | 5888.586 | 6844.954 | 3.789 | 4654.569 |
| 169.820 | 1.002 | 14.786 | | | | | | |
| 1/6/2017 8:50:00 AM | 125400.000 | 12.728 | 17.684 | 29.011 | 5886.441 | 6842.594 | 3.787 | 4652.964 |
| 169.882 | 1.002 | 14.785 | | | | | | |
| 1/6/2017 8:55:00 AM | 125700.000 | 12.734 | 17.684 | 29.024 | 5880.008 | 6835.049 | 3.783 | 4647.834 |
| 170.068 | 1.002 | 14.784 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 12.735 | 17.684 | 29.028 | 5877.538 | 6832.217 | 3.781 | 4645.908 |
| 170.139 | 1.002 | 14.783 | | | | | | |
| 1/6/2017 9:05:00 AM | 126300.000 | 12.732 | 17.685 | 29.021 | 5873.143 | 6827.058 | 3.778 | 4642.400 |
| 170.267 | 1.002 | 14.783 | | | | | | |
| 1/6/2017 9:10:00 AM | 126600.000 | 12.731 | 17.684 | 29.017 | 5869.635 | 6822.991 | 3.776 | 4639.635 |
| 170.368 | 1.002 | 14.782 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 12.734 | 17.685 | 29.025 | 5867.680 | 6820.707 | 3.774 | 4638.081 |
| 170.425 | 1.002 | 14.782 | | | | | | |
| 1/6/2017 9:20:00 AM | 127200.000 | 12.732 | 17.684 | 29.020 | 5862.219 | 6814.370 | 3.771 | 4633.772 |
| 170.584 | 1.002 | 14.782 | | | | | | |
| 1/6/2017 9:25:00 AM | 127500.000 | 12.733 | 17.684 | 29.023 | 5860.562 | 6812.471 | 3.770 | 4632.480 |
| 170.632 | 1.002 | 14.783 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 12.731 | 17.684 | 29.018 | 5855.557 | 6806.681 | 3.766 | 4628.544 |
| 170.778 | 1.002 | 14.784 | | | | | | |
| 1/6/2017 9:35:00 AM | 128100.000 | 12.734 | 17.684 | 29.025 | 5852.329 | 6802.967 | 3.764 | 4626.018 |
| 170.872 | 1.002 | 14.786 | | | | | | |
| 1/6/2017 9:40:00 AM | 128400.000 | 12.728 | 17.684 | 29.011 | 5849.695 | 6799.813 | 3.762 | 4623.873 |
| 170.949 | 1.002 | 14.788 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 12.725 | 17.684 | 29.005 | 5845.914 | 6795.443 | 3.760 | 4620.901 |
| 171.060 | 1.002 | 14.790 | | | | | | |
| 1/6/2017 9:50:00 AM | 129000.000 | 12.723 | 17.684 | 29.000 | 5843.386 | 6792.479 | 3.758 | 4618.886 |
| 171.134 | 1.002 | 14.788 | | | | | | |
| 1/6/2017 9:55:00 AM | 129300.000 | 12.726 | 17.685 | 29.006 | 5841.501 | 6790.234 | 3.756 | 4617.359 |
| 171.189 | 1.002 | 14.786 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 12.723 | 17.685 | 29.000 | 5837.480 | 6785.588 | 3.754 | 4614.201 |
| 171.307 | 1.002 | 14.785 | | | | | | |
| 1/6/2017 10:05:00 AM | 129900.000 | 12.730 | 17.684 | 29.015 | 5833.244 | 6780.755 | 3.751 | 4610.914 |
| 171.431 | 1.002 | 14.784 | | | | | | |
| 1/6/2017 10:10:00 AM | 130200.000 | 12.725 | 17.684 | 29.005 | 5831.612 | 6778.807 | 3.750 | 4609.589 |
| 171.479 | 1.002 | 14.784 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 12.725 | 17.684 | 29.005 | 5828.129 | 6774.744 | 3.747 | 4606.826 |
| 171.582 | 1.002 | 14.784 | | | | | | |
| 1/6/2017 10:20:00 AM | 130800.000 | 12.726 | 17.685 | 29.007 | 5827.072 | 6773.504 | 3.747 | 4605.983 |
| 171.613 | 1.002 | 14.783 | | | | | | |
| 1/6/2017 10:25:00 AM | 131100.000 | 12.730 | 17.684 | 29.016 | 5822.092 | 6767.727 | 3.743 | 4602.055 |
| 171.760 | 1.002 | 14.781 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 12.733 | 17.685 | 29.023 | 5819.656 | 6764.883 | 3.741 | 4600.121 |
| 171.831 | 1.002 | 14.780 | | | | | | |
| 1/6/2017 10:35:00 AM | 131700.000 | 12.736 | 17.685 | 29.028 | 5817.979 | 6762.920 | 3.740 | 4598.786 |
| 171.881 | 1.002 | 14.778 | | | | | | |
| 1/6/2017 10:40:00 AM | 132000.000 | 12.730 | 17.684 | 29.016 | 5815.411 | 6760.000 | 3.739 | 4596.800 |
| 171.957 | 1.002 | 14.776 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 12.734 | 17.684 | 29.025 | 5814.383 | 6758.831 | 3.738 | 4596.005 |
| 171.987 | 1.002 | 14.774 | | | | | | |
| 1/6/2017 10:50:00 AM | 132600.000 | 12.733 | 17.685 | 29.023 | 5811.311 | 6755.182 | 3.736 | 4593.524 |
| 172.078 | 1.002 | 14.775 | | | | | | |
| 1/6/2017 10:55:00 AM | 132900.000 | 12.735 | 17.684 | 29.027 | 5809.926 | 6753.624 | 3.735 | 4592.464 |
| 172.119 | 1.002 | 14.777 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 12.728 | 17.684 | 29.010 | 5808.229 | 6751.612 | 3.734 | 4591.096 |
| 172.170 | 1.002 | 14.778 | | | | | | |
| 1/6/2017 11:05:00 AM | 133500.000 | 12.725 | 17.684 | 29.003 | 5803.816 | 6746.521 | 3.731 | 4587.635 |
| 172.300 | 1.002 | 14.779 | | | | | | |
| 1/6/2017 11:10:00 AM | 133800.000 | 12.730 | 17.685 | 29.015 | 5803.107 | 6745.646 | 3.730 | 4587.040 |
| 172.321 | 1.002 | 14.779 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 12.723 | 17.684 | 29.000 | 5799.496 | 6741.525 | 3.728 | 4584.237 |
| 172.429 | 1.002 | 14.780 | | | | | | |
| 1/6/2017 11:20:00 AM | 134400.000 | 12.726 | 17.684 | 29.006 | 5799.083 | 6741.019 | 3.727 | 4583.893 |
| 172.441 | 1.002 | 14.776 | | | | | | |
| 1/6/2017 11:25:00 AM | 134700.000 | 12.730 | 17.684 | 29.016 | 5797.008 | 6738.582 | 3.726 | 4582.235 |
| 172.503 | 1.002 | 14.773 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 12.732 | 17.685 | 29.021 | 5794.991 | 6736.132 | 3.724 | 4580.570 |
| 172.563 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 11:35:00 AM | 135300.000 | 12.730 | 17.684 | 29.015 | 5792.243 | 6733.042 | 3.723 | 4578.469 |
| 172.645 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 11:40:00 AM | 135600.000 | 12.733 | 17.685 | 29.021 | 5788.343 | 6728.471 | 3.720 | 4575.361 |
| 172.761 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 12.728 | 17.685 | 29.011 | 5788.973 | 6729.203 | 3.720 | 4575.858 |
| 172.742 | 1.002 | 14.769 | | | | | | |
| 1/6/2017 11:50:00 AM | 136200.000 | 12.726 | 17.684 | 29.005 | 5785.429 | 6725.134 | 3.718 | 4573.091 |
| 172.848 | 1.002 | 14.768 | | | | | | |
| 1/6/2017 11:55:00 AM | 136500.000 | 12.728 | 17.684 | 29.012 | 5783.875 | 6723.329 | 3.717 | 4571.864 |
| 172.894 | 1.001 | 14.768 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 12.731 | 17.684 | 29.017 | 5780.994 | 6719.992 | 3.715 | 4569.595 |
| 172.981 | 1.001 | 14.767 | | | | | | |
| 1/6/2017 12:05:00 PM | 137100.000 | 12.724 | 17.685 | 29.001 | 5779.779 | 6718.487 | 3.714 | 4568.572 |
| 173.017 | 1.001 | 14.766 | | | | | | |
| 1/6/2017 12:10:00 PM | 137400.000 | 12.729 | 17.684 | 29.014 | 5779.759 | 6718.531 | 3.714 | 4568.601 |
| 173.018 | 1.001 | 14.764 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 12.726 | 17.684 | 29.006 | 5777.117 | 6715.485 | 3.712 | 4566.530 |
| 173.097 | 1.001 | 14.762 | | | | | | |
| 1/6/2017 12:20:00 PM | 138000.000 | 12.729 | 17.684 | 29.014 | 5773.546 | 6711.321 | 3.710 | 4563.699 |
| 173.204 | 1.001 | 14.762 | | | | | | |
| 1/6/2017 12:25:00 PM | 138300.000 | 12.725 | 17.684 | 29.005 | 5775.931 | 6714.106 | 3.711 | 4565.592 |
| 173.132 | 1.001 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 12.726 | 17.684 | 29.006 | 5772.023 | 6709.604 | 3.709 | 4562.531 |
| 173.249 | 1.001 | 14.762 | | | | | | |
| 1/6/2017 12:35:00 PM | 138900.000 | 12.725 | 17.684 | 29.004 | 5772.199 | 6709.769 | 3.709 | 4562.643 |
| 173.244 | 1.001 | 14.762 | | | | | | |
| 1/6/2017 12:40:00 PM | 139200.000 | 12.727 | 17.684 | 29.008 | 5772.298 | 6709.899 | 3.709 | 4562.732 |
| 173.241 | 1.001 | 14.763 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 12.722 | 17.685 | 28.997 | 5771.979 | 6709.462 | 3.709 | 4562.435 |
| 173.251 | 1.001 | 14.763 | | | | | | |
| 1/6/2017 12:50:00 PM | 139800.000 | 12.728 | 17.684 | 29.010 | 5769.680 | 6706.801 | 3.707 | 4560.625 |
| 173.320 | 1.001 | 14.761 | | | | | | |
| 1/6/2017 12:55:00 PM | 140100.000 | 12.730 | 17.684 | 29.016 | 5769.581 | 6706.712 | 3.707 | 4560.564 |
| 173.323 | 1.001 | 14.758 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 12.730 | 17.684 | 29.017 | 5770.436 | 6707.733 | 3.708 | 4561.259 |
| 173.297 | 1.001 | 14.756 | | | | | | |
| 1/6/2017 1:05:00 PM | 140700.000 | 12.732 | 17.684 | 29.020 | 5770.005 | 6707.218 | 3.707 | 4560.908 |
| 173.310 | 1.001 | 14.756 | | | | | | |
| 1/6/2017 1:10:00 PM | 141000.000 | 12.730 | 17.684 | 29.016 | 5767.578 | 6704.384 | 3.706 | 4558.982 |
| 173.383 | 1.001 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 12.726 | 17.685 | 29.007 | 5768.812 | 6705.781 | 3.707 | 4559.931 |
| 173.346 | 1.001 | 14.757 | | | | | | |
| 1/6/2017 1:20:00 PM | 141600.000 | 12.727 | 17.684 | 29.008 | 5767.122 | 6703.866 | 3.705 | 4558.629 |
| 173.397 | 1.001 | 14.755 | | | | | | |
| 1/6/2017 1:25:00 PM | 141900.000 | 12.733 | 17.685 | 29.022 | 5770.112 | 6707.250 | 3.707 | 4560.930 |
| 173.307 | 1.001 | 14.752 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 12.734 | 17.684 | 29.025 | 5769.631 | 6706.759 | 3.707 | 4560.597 |
| 173.321 | 1.001 | 14.750 | | | | | | |
| 1/6/2017 1:35:00 PM | 142500.000 | 12.724 | 17.685 | 29.002 | 5767.390 | 6704.127 | 3.706 | 4558.807 |
| 173.389 | 1.001 | 14.751 | | | | | | |
| 1/6/2017 1:40:00 PM | 142800.000 | 12.722 | 17.684 | 28.997 | 5767.795 | 6704.675 | 3.706 | 4559.179 |
| 173.376 | 1.001 | 14.751 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 12.727 | 17.684 | 29.008 | 5766.898 | 6703.594 | 3.705 | 4558.444 |
| 173.403 | 1.001 | 14.752 | | | | | | |
| 1/6/2017 1:50:00 PM | 143400.000 | 12.721 | 17.685 | 28.996 | 5766.167 | 6702.707 | 3.705 | 4557.841 |
| 173.425 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 1:55:00 PM | 143700.000 | 12.722 | 17.684 | 28.998 | 5765.143 | 6701.620 | 3.704 | 4557.102 |
| 173.456 | 1.001 | 14.747 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 12.724 | 17.684 | 29.001 | 5766.989 | 6703.738 | 3.705 | 4558.542 |
| 173.401 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 2:05:00 PM | 144300.000 | 12.724 | 17.684 | 29.003 | 5765.205 | 6701.613 | 3.704 | 4557.097 |
| 173.454 | 1.001 | 14.742 | | | | | | |
| 1/6/2017 2:10:00 PM | 144600.000 | 12.723 | 17.684 | 29.000 | 5766.218 | 6702.777 | 3.705 | 4557.889 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 173.424 | 1.001 | 14.740 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 12.731 | 17.684 | 29.018 | 5765.596 | 6702.068 | 3.704 | 4557.406 |
| 173.443 | 1.001 | 14.737 | | | | | | |
| 1/6/2017 2:20:00 PM | 145200.000 | 12.728 | 17.684 | 29.011 | 5764.439 | 6700.723 | 3.704 | 4556.491 |
| 173.477 | 1.001 | 14.735 | | | | | | |
| 1/6/2017 2:25:00 PM | 145500.000 | 12.733 | 17.684 | 29.023 | 5763.887 | 6700.082 | 3.703 | 4556.056 |
| 173.494 | 1.001 | 14.734 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 12.732 | 17.684 | 29.020 | 5763.094 | 6699.160 | 3.703 | 4555.429 |
| 173.518 | 1.001 | 14.732 | | | | | | |
| 1/6/2017 2:35:00 PM | 146100.000 | 12.728 | 17.684 | 29.011 | 5762.418 | 6698.374 | 3.702 | 4554.895 |
| 173.538 | 1.001 | 14.734 | | | | | | |
| 1/6/2017 2:40:00 PM | 146400.000 | 12.725 | 17.684 | 29.005 | 5762.171 | 6698.073 | 3.702 | 4554.690 |
| 173.546 | 1.001 | 14.736 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 12.720 | 17.684 | 28.993 | 5761.886 | 6697.755 | 3.702 | 4554.474 |
| 173.554 | 1.001 | 14.739 | | | | | | |
| 1/6/2017 2:50:00 PM | 147000.000 | 12.728 | 17.684 | 29.011 | 5762.888 | 6698.933 | 3.703 | 4555.274 |
| 173.524 | 1.001 | 14.738 | | | | | | |
| 1/6/2017 2:55:00 PM | 147300.000 | 12.725 | 17.684 | 29.004 | 5763.637 | 6699.790 | 3.703 | 4555.857 |
| 173.502 | 1.001 | 14.737 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 12.725 | 17.684 | 29.005 | 5763.745 | 6699.916 | 3.703 | 4555.942 |
| 173.498 | 1.001 | 14.736 | | | | | | |
| 1/6/2017 3:05:00 PM | 147900.000 | 12.727 | 17.685 | 29.009 | 5762.352 | 6698.272 | 3.702 | 4554.825 |
| 173.540 | 1.001 | 14.737 | | | | | | |
| 1/6/2017 3:10:00 PM | 148200.000 | 12.728 | 17.684 | 29.011 | 5759.565 | 6695.043 | 3.700 | 4552.629 |
| 173.624 | 1.001 | 14.738 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 12.722 | 17.684 | 28.997 | 5762.323 | 6698.249 | 3.702 | 4554.810 |
| 173.541 | 1.001 | 14.739 | | | | | | |
| 1/6/2017 3:20:00 PM | 148800.000 | 12.720 | 17.684 | 28.992 | 5760.617 | 6696.280 | 3.701 | 4553.471 |
| 173.593 | 1.001 | 14.740 | | | | | | |
| 1/6/2017 3:25:00 PM | 149100.000 | 12.719 | 17.684 | 28.989 | 5762.285 | 6698.231 | 3.702 | 4554.797 |
| 173.542 | 1.001 | 14.742 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 12.720 | 17.684 | 28.992 | 5760.386 | 6695.998 | 3.701 | 4553.279 |
| 173.599 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 3:35:00 PM | 149700.000 | 12.719 | 17.684 | 28.991 | 5762.452 | 6698.413 | 3.702 | 4554.921 |
| 173.537 | 1.001 | 14.745 | | | | | | |
| 1/6/2017 3:40:00 PM | 150000.000 | 12.719 | 17.684 | 28.990 | 5760.856 | 6696.544 | 3.701 | 4553.650 |
| 173.585 | 1.001 | 14.746 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 12.720 | 17.684 | 28.993 | 5763.256 | 6699.348 | 3.703 | 4555.557 |
| 173.513 | 1.001 | 14.748 | | | | | | |
| 1/6/2017 3:50:00 PM | 150600.000 | 12.721 | 17.684 | 28.996 | 5761.685 | 6697.547 | 3.702 | 4554.332 |
| 173.560 | 1.001 | 14.747 | | | | | | |
| 1/6/2017 3:55:00 PM | 150900.000 | 12.724 | 17.684 | 29.003 | 5760.873 | 6696.642 | 3.701 | 4553.717 |
| 173.585 | 1.001 | 14.746 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 12.726 | 17.685 | 29.006 | 5761.346 | 6697.089 | 3.701 | 4554.021 |
| 173.571 | 1.001 | 14.745 | | | | | | |
| 1/6/2017 4:05:00 PM | 151500.000 | 12.729 | 17.684 | 29.013 | 5763.588 | 6699.759 | 3.703 | 4555.836 |
| 173.503 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 4:10:00 PM | 151800.000 | 12.730 | 17.684 | 29.015 | 5763.571 | 6699.714 | 3.703 | 4555.806 |
| 173.504 | 1.001 | 14.742 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 12.721 | 17.684 | 28.995 | 5761.460 | 6697.285 | 3.702 | 4554.154 |
| 173.567 | 1.001 | 14.741 | | | | | | |
| 1/6/2017 4:20:00 PM | 152400.000 | 12.720 | 17.684 | 28.992 | 5764.388 | 6700.664 | 3.704 | 4556.451 |
| 173.479 | 1.001 | 14.742 | | | | | | |
| 1/6/2017 4:25:00 PM | 152700.000 | 12.718 | 17.684 | 28.987 | 5763.955 | 6700.200 | 3.703 | 4556.137 |
| 173.492 | 1.001 | 14.743 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 12.717 | 17.685 | 28.985 | 5763.775 | 6699.926 | 3.703 | 4555.950 |
| 173.497 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 4:35:00 PM | 153300.000 | 12.717 | 17.684 | 28.987 | 5764.493 | 6700.888 | 3.704 | 4556.604 |
| 173.476 | 1.001 | 14.745 | | | | | | |
| 1/6/2017 4:40:00 PM | 153600.000 | 12.721 | 17.684 | 28.994 | 5764.213 | 6700.446 | 3.703 | 4556.304 |
| 173.484 | 1.001 | 14.747 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 12.721 | 17.684 | 28.995 | 5764.821 | 6701.192 | 3.704 | 4556.812 |
| 173.466 | 1.001 | 14.748 | | | | | | |
| 1/6/2017 4:50:00 PM | 154200.000 | 12.714 | 17.685 | 28.979 | 5764.574 | 6700.828 | 3.704 | 4556.563 |
| 173.473 | 1.001 | 14.748 | | | | | | |
| 1/6/2017 4:55:00 PM | 154500.000 | 12.713 | 17.684 | 28.977 | 5763.790 | 6699.994 | 3.703 | 4555.996 |
| 173.497 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 12.718 | 17.684 | 28.987 | 5765.880 | 6702.476 | 3.705 | 4557.684 |
| 173.434 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 5:05:00 PM | 155100.000 | 12.716 | 17.684 | 28.984 | 5766.207 | 6702.817 | 3.705 | 4557.916 |
| 173.424 | 1.001 | 14.745 | | | | | | |
| 1/6/2017 5:10:00 PM | 155400.000 | 12.725 | 17.684 | 29.003 | 5764.440 | 6700.710 | 3.704 | 4556.483 |
| 173.477 | 1.001 | 14.741 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 12.723 | 17.684 | 28.999 | 5764.315 | 6700.604 | 3.704 | 4556.411 |
| 173.481 | 1.001 | 14.738 | | | | | | |
| 1/6/2017 5:20:00 PM | 156000.000 | 12.724 | 17.684 | 29.002 | 5766.007 | 6702.596 | 3.705 | 4557.766 |
| 173.430 | 1.001 | 14.741 | | | | | | |
| 1/6/2017 5:25:00 PM | 156300.000 | 12.721 | 17.684 | 28.995 | 5768.526 | 6705.487 | 3.706 | 4559.731 |
| 173.354 | 1.001 | 14.745 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 12.713 | 17.684 | 28.976 | 5766.637 | 6703.303 | 3.705 | 4558.246 |
| 173.411 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 5:35:00 PM | 156900.000 | 12.714 | 17.684 | 28.979 | 5766.893 | 6703.601 | 3.705 | 4558.448 |
| 173.404 | 1.001 | 14.747 | | | | | | |
| 1/6/2017 5:40:00 PM | 157200.000 | 12.721 | 17.684 | 28.994 | 5766.368 | 6703.005 | 3.705 | 4558.043 |
| 173.419 | 1.001 | 14.746 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 12.721 | 17.685 | 28.996 | 5769.763 | 6706.873 | 3.707 | 4560.674 |
| 173.317 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 5:50:00 PM | 157800.000 | 12.719 | 17.684 | 28.990 | 5767.202 | 6703.986 | 3.706 | 4558.710 |
| 173.394 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 5:55:00 PM | 158100.000 | 12.722 | 17.685 | 28.998 | 5767.277 | 6703.970 | 3.706 | 4558.700 |
| 173.392 | 1.001 | 14.743 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 12.715 | 17.684 | 28.982 | 5768.776 | 6705.854 | 3.707 | 4559.981 |
| 173.347 | 1.001 | 14.742 | | | | | | |
| 1/6/2017 6:05:00 PM | 158700.000 | 12.720 | 17.685 | 28.992 | 5771.100 | 6708.441 | 3.708 | 4561.740 |
| 173.277 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 6:10:00 PM | 159000.000 | 12.718 | 17.684 | 28.988 | 5769.458 | 6706.569 | 3.707 | 4560.467 |
| 173.327 | 1.001 | 14.745 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 12.714 | 17.684 | 28.978 | 5769.025 | 6706.067 | 3.707 | 4560.126 |
| 173.340 | 1.001 | 14.747 | | | | | | |
| 1/6/2017 6:20:00 PM | 159600.000 | 12.718 | 17.684 | 28.987 | 5769.423 | 6706.516 | 3.707 | 4560.432 |
| 173.328 | 1.001 | 14.747 | | | | | | |
| 1/6/2017 6:25:00 PM | 159900.000 | 12.718 | 17.684 | 28.989 | 5772.061 | 6709.583 | 3.709 | 4562.517 |
| 173.248 | 1.001 | 14.748 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 12.713 | 17.684 | 28.976 | 5772.271 | 6709.892 | 3.709 | 4562.727 |
| 173.242 | 1.001 | 14.748 | | | | | | |
| 1/6/2017 6:35:00 PM | 160500.000 | 12.711 | 17.684 | 28.972 | 5771.537 | 6709.025 | 3.708 | 4562.138 |
| 173.264 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 6:40:00 PM | 160800.000 | 12.710 | 17.684 | 28.970 | 5772.365 | 6709.949 | 3.709 | 4562.766 |
| 173.239 | 1.001 | 14.750 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 12.710 | 17.684 | 28.970 | 5773.392 | 6711.170 | 3.710 | 4563.596 |
| 173.208 | 1.001 | 14.751 | | | | | | |
| 1/6/2017 6:50:00 PM | 161400.000 | 12.717 | 17.684 | 28.985 | 5773.079 | 6710.778 | 3.710 | 4563.329 |
| 173.218 | 1.001 | 14.750 | | | | | | |
| 1/6/2017 6:55:00 PM | 161700.000 | 12.713 | 17.684 | 28.977 | 5772.900 | 6710.598 | 3.709 | 4563.207 |
| 173.223 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 12.717 | 17.684 | 28.987 | 5774.387 | 6712.312 | 3.710 | 4564.372 |
| 173.179 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 7:05:00 PM | 162300.000 | 12.712 | 17.684 | 28.975 | 5775.104 | 6713.160 | 3.711 | 4564.949 |
| 173.157 | 1.001 | 14.751 | | | | | | |
| 1/6/2017 7:10:00 PM | 162600.000 | 12.711 | 17.684 | 28.973 | 5775.169 | 6713.196 | 3.711 | 4564.973 |
| 173.155 | 1.001 | 14.753 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 12.706 | 17.684 | 28.960 | 5772.989 | 6710.662 | 3.709 | 4563.250 |
| 173.220 | 1.001 | 14.755 | | | | | | |
| 1/6/2017 7:20:00 PM | 163200.000 | 12.711 | 17.684 | 28.972 | 5776.745 | 6715.130 | 3.712 | 4566.289 |
| 173.108 | 1.001 | 14.755 | | | | | | |
| 1/6/2017 7:25:00 PM | 163500.000 | 12.711 | 17.684 | 28.973 | 5774.931 | 6712.959 | 3.711 | 4564.812 |
| 173.162 | 1.001 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 12.707 | 17.684 | 28.964 | 5775.038 | 6713.056 | 3.711 | 4564.878 |
| 173.159 | 1.001 | 14.755 | | | | | | |
| 1/6/2017 7:35:00 PM | 164100.000 | 12.712 | 17.684 | 28.975 | 5776.663 | 6714.973 | 3.712 | 4566.182 |
| 173.110 | 1.001 | 14.754 | | | | | | |
| 1/6/2017 7:40:00 PM | 164400.000 | 12.713 | 17.684 | 28.977 | 5776.162 | 6714.390 | 3.712 | 4565.786 |
| 173.125 | 1.001 | 14.753 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/6/2017 7:45:00 PM | 164700.000 | 12.713 | 17.684 | 28.977 | 5778.355 | 6716.886 | 3.713 | 4567.482 |
| 173.060 | 1.001 | 14.753 | | | | | | |
| 1/6/2017 7:50:00 PM | 165000.000 | 12.709 | 17.684 | 28.968 | 5778.959 | 6717.642 | 3.714 | 4567.997 |
| 173.042 | 1.001 | 14.754 | | | | | | |
| 1/6/2017 7:55:00 PM | 165300.000 | 12.713 | 17.684 | 28.977 | 5779.901 | 6718.709 | 3.714 | 4568.723 |
| 173.013 | 1.001 | 14.755 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 12.708 | 17.684 | 28.966 | 5778.874 | 6717.542 | 3.714 | 4567.929 |
| 173.044 | 1.001 | 14.756 | | | | | | |
| 1/6/2017 8:05:00 PM | 165900.000 | 12.712 | 17.684 | 28.975 | 5780.008 | 6718.833 | 3.714 | 4568.807 |
| 173.010 | 1.001 | 14.754 | | | | | | |
| 1/6/2017 8:10:00 PM | 166200.000 | 12.713 | 17.685 | 28.976 | 5778.822 | 6717.417 | 3.713 | 4567.843 |
| 173.046 | 1.001 | 14.752 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 12.717 | 17.684 | 28.986 | 5781.204 | 6720.223 | 3.715 | 4569.752 |
| 172.974 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 8:20:00 PM | 166800.000 | 12.713 | 17.684 | 28.977 | 5781.898 | 6721.043 | 3.716 | 4570.310 |
| 172.954 | 1.001 | 14.751 | | | | | | |
| 1/6/2017 8:25:00 PM | 167100.000 | 12.714 | 17.684 | 28.979 | 5779.403 | 6718.130 | 3.714 | 4568.329 |
| 173.028 | 1.001 | 14.752 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 12.709 | 17.684 | 28.968 | 5782.890 | 6722.196 | 3.716 | 4571.094 |
| 172.924 | 1.001 | 14.754 | | | | | | |
| 1/6/2017 8:35:00 PM | 167700.000 | 12.713 | 17.685 | 28.978 | 5783.345 | 6722.661 | 3.717 | 4571.410 |
| 172.910 | 1.001 | 14.752 | | | | | | |
| 1/6/2017 8:40:00 PM | 168000.000 | 12.712 | 17.684 | 28.974 | 5782.756 | 6722.015 | 3.716 | 4570.971 |
| 172.928 | 1.001 | 14.751 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 12.709 | 17.684 | 28.968 | 5786.148 | 6725.983 | 3.718 | 4573.669 |
| 172.827 | 1.002 | 14.749 | | | | | | |
| 1/6/2017 8:50:00 PM | 168600.000 | 12.710 | 17.684 | 28.971 | 5795.646 | 6737.011 | 3.725 | 4581.167 |
| 172.543 | 1.002 | 14.748 | | | | | | |
| 1/6/2017 8:55:00 PM | 168900.000 | 12.718 | 17.684 | 28.988 | 5807.642 | 6750.968 | 3.733 | 4590.658 |
| 172.187 | 1.002 | 14.746 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 12.720 | 17.684 | 28.993 | 5820.477 | 6765.903 | 3.742 | 4600.815 |
| 171.807 | 1.002 | 14.744 | | | | | | |
| 1/6/2017 9:05:00 PM | 169500.000 | 12.717 | 17.684 | 28.987 | 5829.814 | 6776.808 | 3.749 | 4608.229 |
| 171.532 | 1.002 | 14.745 | | | | | | |
| 1/6/2017 9:10:00 PM | 169800.000 | 12.712 | 17.684 | 28.975 | 5839.766 | 6788.350 | 3.755 | 4616.078 |
| 171.240 | 1.002 | 14.747 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 12.716 | 17.684 | 28.984 | 5849.795 | 6800.022 | 3.762 | 4624.015 |
| 170.946 | 1.002 | 14.748 | | | | | | |
| 1/6/2017 9:20:00 PM | 170400.000 | 12.712 | 17.684 | 28.974 | 5857.828 | 6809.372 | 3.768 | 4630.373 |
| 170.712 | 1.002 | 14.746 | | | | | | |
| 1/6/2017 9:25:00 PM | 170700.000 | 12.719 | 17.684 | 28.990 | 5865.158 | 6817.867 | 3.773 | 4636.150 |
| 170.498 | 1.002 | 14.745 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 12.718 | 17.684 | 28.988 | 5870.491 | 6824.052 | 3.776 | 4640.355 |
| 170.344 | 1.002 | 14.743 | | | | | | |
| 1/6/2017 9:35:00 PM | 171300.000 | 12.714 | 17.684 | 28.980 | 5875.395 | 6829.713 | 3.780 | 4644.205 |
| 170.201 | 1.002 | 14.744 | | | | | | |
| 1/6/2017 9:40:00 PM | 171600.000 | 12.715 | 17.684 | 28.982 | 5884.001 | 6839.757 | 3.786 | 4651.035 |
| 169.952 | 1.002 | 14.745 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 12.715 | 17.684 | 28.981 | 5887.938 | 6844.306 | 3.788 | 4654.128 |
| 169.839 | 1.002 | 14.746 | | | | | | |
| 1/6/2017 9:50:00 PM | 172200.000 | 12.715 | 17.684 | 28.982 | 5894.752 | 6852.269 | 3.793 | 4659.542 |
| 169.642 | 1.002 | 14.746 | | | | | | |
| 1/6/2017 9:55:00 PM | 172500.000 | 12.712 | 17.684 | 28.974 | 5899.344 | 6857.553 | 3.796 | 4663.136 |
| 169.510 | 1.002 | 14.745 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 12.714 | 17.685 | 28.979 | 5904.247 | 6863.170 | 3.800 | 4666.956 |
| 169.370 | 1.002 | 14.744 | | | | | | |
| 1/6/2017 10:05:00 PM | 173100.000 | 12.719 | 17.684 | 28.990 | 5909.706 | 6869.676 | 3.803 | 4671.380 |
| 169.213 | 1.002 | 14.745 | | | | | | |
| 1/6/2017 10:10:00 PM | 173400.000 | 12.715 | 17.683 | 28.981 | 5913.110 | 6873.673 | 3.806 | 4674.099 |
| 169.116 | 1.002 | 14.746 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 12.717 | 17.684 | 28.987 | 5916.141 | 6877.157 | 3.808 | 4676.467 |
| 169.029 | 1.002 | 14.747 | | | | | | |
| 1/6/2017 10:20:00 PM | 174000.000 | 12.716 | 17.684 | 28.984 | 5921.340 | 6883.201 | 3.811 | 4680.577 |
| 168.881 | 1.002 | 14.750 | | | | | | |
| 1/6/2017 10:25:00 PM | 174300.000 | 12.714 | 17.684 | 28.979 | 5925.245 | 6887.700 | 3.814 | 4683.636 |
| 168.769 | 1.002 | 14.752 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 12.713 | 17.684 | 28.976 | 5929.636 | 6892.777 | 3.817 | 4687.089 |
| 168.644 | 1.002 | 14.755 | | | | | | |
| 1/6/2017 10:35:00 PM | 174900.000 | 12.714 | 17.684 | 28.980 | 5934.266 | 6898.120 | 3.820 | 4690.722 |
| 168.513 | 1.002 | 14.755 | | | | | | |
| 1/6/2017 10:40:00 PM | 175200.000 | 12.715 | 17.684 | 28.981 | 5936.244 | 6900.485 | 3.822 | 4692.331 |
| 168.457 | 1.002 | 14.756 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 12.718 | 17.684 | 28.988 | 5939.403 | 6904.158 | 3.824 | 4694.828 |
| 168.367 | 1.002 | 14.756 | | | | | | |
| 1/6/2017 10:50:00 PM | 175800.000 | 12.717 | 17.684 | 28.986 | 5944.939 | 6910.647 | 3.828 | 4699.241 |
| 168.210 | 1.002 | 14.758 | | | | | | |
| 1/6/2017 10:55:00 PM | 176100.000 | 12.714 | 17.684 | 28.978 | 5947.411 | 6913.426 | 3.829 | 4701.130 |
| 168.140 | 1.002 | 14.761 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 12.712 | 17.684 | 28.975 | 5948.133 | 6914.279 | 3.830 | 4701.710 |
| 168.120 | 1.002 | 14.763 | | | | | | |
| 1/6/2017 11:05:00 PM | 176700.000 | 12.710 | 17.684 | 28.971 | 5951.784 | 6918.550 | 3.832 | 4704.614 |
| 168.017 | 1.002 | 14.762 | | | | | | |
| 1/6/2017 11:10:00 PM | 177000.000 | 12.717 | 17.684 | 28.985 | 5957.075 | 6924.700 | 3.836 | 4708.796 |
| 167.868 | 1.002 | 14.761 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 12.719 | 17.684 | 28.990 | 5956.917 | 6924.531 | 3.836 | 4708.682 |
| 167.872 | 1.002 | 14.759 | | | | | | |
| 1/6/2017 11:20:00 PM | 177600.000 | 12.717 | 17.684 | 28.987 | 5960.608 | 6928.808 | 3.838 | 4711.590 |
| 167.768 | 1.002 | 14.758 | | | | | | |
| 1/6/2017 11:25:00 PM | 177900.000 | 12.718 | 17.684 | 28.988 | 5966.868 | 6936.072 | 3.843 | 4716.529 |
| 167.592 | 1.002 | 14.756 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 12.719 | 17.684 | 28.990 | 5966.314 | 6935.374 | 3.842 | 4716.054 |
| 167.608 | 1.002 | 14.755 | | | | | | |
| 1/6/2017 11:35:00 PM | 178500.000 | 12.713 | 17.684 | 28.977 | 5971.328 | 6941.241 | 3.846 | 4720.044 |
| 167.467 | 1.002 | 14.753 | | | | | | |
| 1/6/2017 11:40:00 PM | 178800.000 | 12.722 | 17.684 | 28.996 | 5972.989 | 6943.240 | 3.847 | 4721.404 |
| 167.420 | 1.002 | 14.751 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 12.720 | 17.684 | 28.992 | 5973.648 | 6943.939 | 3.847 | 4721.878 |
| 167.402 | 1.002 | 14.750 | | | | | | |
| 1/6/2017 11:50:00 PM | 179400.000 | 12.722 | 17.684 | 28.997 | 5976.577 | 6947.317 | 3.849 | 4724.176 |
| 167.320 | 1.002 | 14.751 | | | | | | |
| 1/6/2017 11:55:00 PM | 179700.000 | 12.718 | 17.684 | 28.989 | 5979.737 | 6951.098 | 3.852 | 4726.747 |
| 167.231 | 1.002 | 14.752 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 12.720 | 17.684 | 28.993 | 5981.174 | 6952.714 | 3.853 | 4727.846 |
| 167.191 | 1.002 | 14.753 | | | | | | |
| 1/7/2017 12:05:00 AM | 180300.000 | 12.718 | 17.684 | 28.988 | 5985.794 | 6958.073 | 3.856 | 4731.490 |
| 167.062 | 1.002 | 14.748 | | | | | | |
| 1/7/2017 12:10:00 AM | 180600.000 | 12.720 | 17.684 | 28.992 | 5987.764 | 6960.375 | 3.857 | 4733.055 |
| 167.007 | 1.002 | 14.744 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 12.721 | 17.684 | 28.995 | 5986.817 | 6959.274 | 3.856 | 4732.307 |
| 167.034 | 1.002 | 14.739 | | | | | | |
| 1/7/2017 12:20:00 AM | 181200.000 | 12.721 | 17.684 | 28.994 | 5988.061 | 6960.733 | 3.857 | 4733.299 |
| 166.999 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 12:25:00 AM | 181500.000 | 12.727 | 17.684 | 29.010 | 5991.649 | 6964.878 | 3.860 | 4736.117 |
| 166.899 | 1.002 | 14.737 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 12.723 | 17.684 | 29.000 | 5991.702 | 6964.980 | 3.860 | 4736.187 |
| 166.897 | 1.002 | 14.736 | | | | | | |
| 1/7/2017 12:35:00 AM | 182100.000 | 12.721 | 17.684 | 28.994 | 5993.715 | 6967.306 | 3.861 | 4737.768 |
| 166.841 | 1.002 | 14.735 | | | | | | |
| 1/7/2017 12:40:00 AM | 182400.000 | 12.721 | 17.684 | 28.995 | 5995.289 | 6969.110 | 3.862 | 4738.995 |
| 166.798 | 1.002 | 14.733 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 12.722 | 17.684 | 28.998 | 5998.876 | 6973.251 | 3.865 | 4741.811 |
| 166.698 | 1.002 | 14.732 | | | | | | |
| 1/7/2017 12:50:00 AM | 183000.000 | 12.724 | 17.684 | 29.001 | 5998.877 | 6973.347 | 3.865 | 4741.876 |
| 166.698 | 1.002 | 14.729 | | | | | | |
| 1/7/2017 12:55:00 AM | 183300.000 | 12.722 | 17.684 | 28.997 | 5999.494 | 6973.970 | 3.865 | 4742.299 |
| 166.681 | 1.002 | 14.727 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 12.721 | 17.684 | 28.994 | 6001.517 | 6976.375 | 3.867 | 4743.935 |
| 166.625 | 1.002 | 14.725 | | | | | | |
| 1/7/2017 1:05:00 AM | 183900.000 | 12.721 | 17.684 | 28.995 | 6001.815 | 6976.654 | 3.867 | 4744.125 |
| 166.616 | 1.002 | 14.722 | | | | | | |
| 1/7/2017 1:10:00 AM | 184200.000 | 12.723 | 17.684 | 29.000 | 6002.495 | 6977.498 | 3.867 | 4744.699 |
| 166.597 | 1.002 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 12.725 | 17.684 | 29.005 | 6004.467 | 6979.764 | 3.869 | 4746.240 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 166.543 | 1.002 | 14.718 | | | | | | |
| 1/7/2017 1:20:00 AM | 184800.000 | 12.726 | 17.684 | 29.006 | 6005.533 | 6981.044 | 3.869 | 4747.110 |
| 166.513 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 1:25:00 AM | 185100.000 | 12.729 | 17.684 | 29.012 | 6006.213 | 6981.793 | 3.870 | 4747.619 |
| 166.494 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 12.724 | 17.684 | 29.003 | 6006.137 | 6981.720 | 3.870 | 4747.570 |
| 166.496 | 1.002 | 14.716 | | | | | | |
| 1/7/2017 1:35:00 AM | 185700.000 | 12.724 | 17.684 | 29.001 | 6007.051 | 6982.808 | 3.870 | 4748.310 |
| 166.471 | 1.002 | 14.716 | | | | | | |
| 1/7/2017 1:40:00 AM | 186000.000 | 12.724 | 17.684 | 29.001 | 6007.914 | 6983.786 | 3.871 | 4748.974 |
| 166.447 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 12.726 | 17.684 | 29.008 | 6010.052 | 6986.271 | 3.872 | 4750.664 |
| 166.388 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 1:50:00 AM | 186600.000 | 12.723 | 17.684 | 28.999 | 6009.224 | 6985.279 | 3.872 | 4749.990 |
| 166.411 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 1:55:00 AM | 186900.000 | 12.724 | 17.684 | 29.003 | 6011.025 | 6987.402 | 3.873 | 4751.434 |
| 166.361 | 1.002 | 14.716 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 12.732 | 17.684 | 29.020 | 6011.119 | 6987.511 | 3.873 | 4751.508 |
| 166.358 | 1.002 | 14.715 | | | | | | |
| 1/7/2017 2:05:00 AM | 187500.000 | 12.727 | 17.684 | 29.008 | 6011.490 | 6987.914 | 3.873 | 4751.782 |
| 166.348 | 1.002 | 14.715 | | | | | | |
| 1/7/2017 2:10:00 AM | 187800.000 | 12.728 | 17.684 | 29.011 | 6011.523 | 6988.006 | 3.873 | 4751.844 |
| 166.347 | 1.002 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 12.732 | 17.685 | 29.020 | 6011.322 | 6987.651 | 3.873 | 4751.603 |
| 166.353 | 1.002 | 14.715 | | | | | | |
| 1/7/2017 2:20:00 AM | 188400.000 | 12.728 | 17.684 | 29.011 | 6013.793 | 6990.672 | 3.875 | 4753.657 |
| 166.284 | 1.002 | 14.715 | | | | | | |
| 1/7/2017 2:25:00 AM | 188700.000 | 12.728 | 17.684 | 29.011 | 6009.934 | 6986.134 | 3.872 | 4750.571 |
| 166.391 | 1.002 | 14.714 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 12.733 | 17.685 | 29.022 | 6012.608 | 6989.119 | 3.874 | 4752.601 |
| 166.317 | 1.002 | 14.714 | | | | | | |
| 1/7/2017 2:35:00 AM | 189300.000 | 12.729 | 17.684 | 29.013 | 6012.621 | 6989.283 | 3.874 | 4752.713 |
| 166.317 | 1.002 | 14.714 | | | | | | |
| 1/7/2017 2:40:00 AM | 189600.000 | 12.734 | 17.684 | 29.024 | 6011.618 | 6988.117 | 3.874 | 4751.920 |
| 166.345 | 1.002 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 12.734 | 17.684 | 29.026 | 6013.417 | 6990.126 | 3.875 | 4753.286 |
| 166.295 | 1.002 | 14.713 | | | | | | |
| 1/7/2017 2:50:00 AM | 190200.000 | 12.728 | 17.684 | 29.012 | 6013.054 | 6989.705 | 3.875 | 4753.000 |
| 166.305 | 1.002 | 14.712 | | | | | | |
| 1/7/2017 2:55:00 AM | 190500.000 | 12.732 | 17.684 | 29.020 | 6013.975 | 6990.842 | 3.875 | 4753.773 |
| 166.279 | 1.002 | 14.710 | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 12.730 | 17.684 | 29.015 | 6015.016 | 6992.042 | 3.876 | 4754.588 |
| 166.251 | 1.002 | 14.709 | | | | | | |
| 1/7/2017 3:05:00 AM | 191100.000 | 12.734 | 17.685 | 29.026 | 6014.643 | 6991.540 | 3.876 | 4754.247 |
| 166.261 | 1.002 | 14.708 | | | | | | |
| 1/7/2017 3:10:00 AM | 191400.000 | 12.733 | 17.684 | 29.023 | 6014.513 | 6991.400 | 3.876 | 4754.152 |
| 166.265 | 1.002 | 14.708 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 12.729 | 17.684 | 29.014 | 6016.221 | 6993.453 | 3.877 | 4755.548 |
| 166.217 | 1.002 | 14.708 | | | | | | |
| 1/7/2017 3:20:00 AM | 192000.000 | 12.729 | 17.684 | 29.014 | 6015.859 | 6993.047 | 3.876 | 4755.272 |
| 166.227 | 1.002 | 14.705 | | | | | | |
| 1/7/2017 3:25:00 AM | 192300.000 | 12.731 | 17.684 | 29.018 | 6015.835 | 6992.965 | 3.876 | 4755.217 |
| 166.228 | 1.002 | 14.703 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 12.736 | 17.684 | 29.029 | 6016.379 | 6993.584 | 3.877 | 4755.638 |
| 166.213 | 1.002 | 14.700 | | | | | | |
| 1/7/2017 3:35:00 AM | 192900.000 | 12.731 | 17.684 | 29.018 | 6016.914 | 6994.191 | 3.877 | 4756.050 |
| 166.198 | 1.002 | 14.700 | | | | | | |
| 1/7/2017 3:40:00 AM | 193200.000 | 12.736 | 17.685 | 29.028 | 6017.507 | 6994.870 | 3.878 | 4756.512 |
| 166.182 | 1.002 | 14.699 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 12.732 | 17.684 | 29.021 | 6017.999 | 6995.493 | 3.878 | 4756.935 |
| 166.168 | 1.002 | 14.699 | | | | | | |
| 1/7/2017 3:50:00 AM | 193800.000 | 12.738 | 17.684 | 29.034 | 6019.417 | 6997.115 | 3.879 | 4758.039 |
| 166.129 | 1.002 | 14.698 | | | | | | |
| 1/7/2017 3:55:00 AM | 194100.000 | 12.739 | 17.684 | 29.037 | 6017.569 | 6994.994 | 3.878 | 4756.596 |
| 166.180 | 1.002 | 14.698 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 12.733 | 17.684 | 29.022 | 6018.349 | 6995.887 | 3.878 | 4757.204 |
| 166.159 | 1.002 | 14.697 | | | | | | |
| 1/7/2017 4:05:00 AM | 194700.000 | 12.731 | 17.684 | 29.019 | 6017.825 | 6995.250 | 3.878 | 4756.771 |
| 166.173 | 1.002 | 14.697 | | | | | | |
| 1/7/2017 4:10:00 AM | 195000.000 | 12.737 | 17.684 | 29.032 | 6018.607 | 6996.241 | 3.878 | 4757.444 |
| 166.151 | 1.002 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 12.733 | 17.684 | 29.022 | 6017.754 | 6995.195 | 3.878 | 4756.733 |
| 166.175 | 1.002 | 14.697 | | | | | | |
| 1/7/2017 4:20:00 AM | 195600.000 | 12.737 | 17.684 | 29.031 | 6018.911 | 6996.581 | 3.879 | 4757.675 |
| 166.143 | 1.002 | 14.696 | | | | | | |
| 1/7/2017 4:25:00 AM | 195900.000 | 12.737 | 17.684 | 29.031 | 6019.164 | 6996.806 | 3.879 | 4757.828 |
| 166.136 | 1.002 | 14.695 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 12.738 | 17.684 | 29.034 | 6018.552 | 6996.151 | 3.878 | 4757.383 |
| 166.153 | 1.002 | 14.694 | | | | | | |
| 1/7/2017 4:35:00 AM | 196500.000 | 12.733 | 17.684 | 29.022 | 6019.263 | 6996.990 | 3.879 | 4757.953 |
| 166.133 | 1.002 | 14.693 | | | | | | |
| 1/7/2017 4:40:00 AM | 196800.000 | 12.734 | 17.684 | 29.025 | 6019.312 | 6997.086 | 3.879 | 4758.020 |
| 166.132 | 1.002 | 14.693 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 12.735 | 17.684 | 29.026 | 6023.053 | 7001.436 | 3.881 | 4760.976 |
| 166.029 | 1.002 | 14.692 | | | | | | |
| 1/7/2017 4:50:00 AM | 197400.000 | 12.734 | 17.684 | 29.026 | 6020.448 | 6998.367 | 3.880 | 4758.890 |
| 166.101 | 1.002 | 14.692 | | | | | | |
| 1/7/2017 4:55:00 AM | 197700.000 | 12.733 | 17.684 | 29.021 | 6021.235 | 6999.271 | 3.880 | 4759.505 |
| 166.079 | 1.002 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 12.731 | 17.685 | 29.019 | 6020.378 | 6998.192 | 3.880 | 4758.771 |
| 166.103 | 1.002 | 14.692 | | | | | | |
| 1/7/2017 5:05:00 AM | 198300.000 | 12.739 | 17.684 | 29.035 | 6022.217 | 7000.463 | 3.881 | 4760.315 |
| 166.052 | 1.002 | 14.691 | | | | | | |
| 1/7/2017 5:10:00 AM | 198600.000 | 12.737 | 17.684 | 29.032 | 6023.549 | 7001.986 | 3.882 | 4761.351 |
| 166.015 | 1.002 | 14.690 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 12.739 | 17.684 | 29.036 | 6022.124 | 7000.262 | 3.881 | 4760.179 |
| 166.054 | 1.002 | 14.689 | | | | | | |
| 1/7/2017 5:20:00 AM | 199200.000 | 12.736 | 17.684 | 29.030 | 6023.246 | 7001.551 | 3.882 | 4761.055 |
| 166.023 | 1.002 | 14.692 | | | | | | |
| 1/7/2017 5:25:00 AM | 199500.000 | 12.734 | 17.684 | 29.024 | 6023.268 | 7001.618 | 3.882 | 4761.100 |
| 166.023 | 1.002 | 14.695 | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 12.735 | 17.684 | 29.028 | 6023.434 | 7001.838 | 3.882 | 4761.250 |
| 166.018 | 1.002 | 14.697 | | | | | | |
| 1/7/2017 5:35:00 AM | 200100.000 | 12.732 | 17.684 | 29.020 | 6024.660 | 7003.209 | 3.883 | 4762.183 |
| 165.984 | 1.002 | 14.698 | | | | | | |
| 1/7/2017 5:40:00 AM | 200400.000 | 12.741 | 17.684 | 29.041 | 6025.833 | 7004.641 | 3.883 | 4763.156 |
| 165.952 | 1.002 | 14.698 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 12.735 | 17.684 | 29.026 | 6026.526 | 7005.487 | 3.884 | 4763.731 |
| 165.933 | 1.002 | 14.698 | | | | | | |
| 1/7/2017 5:50:00 AM | 201000.000 | 12.740 | 17.684 | 29.038 | 6028.984 | 7008.222 | 3.885 | 4765.592 |
| 165.865 | 1.002 | 14.699 | | | | | | |
| 1/7/2017 5:55:00 AM | 201300.000 | 12.739 | 17.684 | 29.036 | 6027.832 | 7006.897 | 3.885 | 4764.691 |
| 165.897 | 1.002 | 14.699 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 12.735 | 17.684 | 29.026 | 6030.859 | 7010.469 | 3.887 | 4767.120 |
| 165.814 | 1.002 | 14.700 | | | | | | |
| 1/7/2017 6:05:00 AM | 201900.000 | 12.738 | 17.684 | 29.034 | 6029.228 | 7008.533 | 3.886 | 4765.803 |
| 165.859 | 1.002 | 14.699 | | | | | | |
| 1/7/2017 6:10:00 AM | 202200.000 | 12.734 | 17.685 | 29.025 | 6030.713 | 7010.176 | 3.887 | 4766.920 |
| 165.818 | 1.002 | 14.699 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 12.738 | 17.684 | 29.033 | 6029.948 | 7009.343 | 3.886 | 4766.353 |
| 165.839 | 1.002 | 14.698 | | | | | | |
| 1/7/2017 6:20:00 AM | 202800.000 | 12.741 | 17.684 | 29.040 | 6031.763 | 7011.452 | 3.887 | 4767.788 |
| 165.789 | 1.002 | 14.697 | | | | | | |
| 1/7/2017 6:25:00 AM | 203100.000 | 12.735 | 17.684 | 29.027 | 6034.062 | 7014.139 | 3.889 | 4769.615 |
| 165.726 | 1.002 | 14.696 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 12.739 | 17.684 | 29.035 | 6036.000 | 7016.433 | 3.890 | 4771.175 |
| 165.673 | 1.002 | 14.695 | | | | | | |
| 1/7/2017 6:35:00 AM | 203700.000 | 12.733 | 17.684 | 29.023 | 6033.920 | 7013.974 | 3.889 | 4769.502 |
| 165.730 | 1.002 | 14.695 | | | | | | |
| 1/7/2017 6:40:00 AM | 204000.000 | 12.737 | 17.685 | 29.031 | 6034.249 | 7014.274 | 3.889 | 4769.707 |
| 165.721 | 1.002 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 12.739 | 17.684 | 29.036 | 6036.054 | 7016.440 | 3.890 | 4771.179 |
| 165.671 | 1.002 | 14.695 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 6:50:00 AM | 204600.000 | 12.744 | 17.684 | 29.048 | 6035.264 | 7015.550 | 3.890 | 4770.574 |
| 165.693 | 1.002 | 14.696 | | | | | | |
| 1/7/2017 6:55:00 AM | 204900.000 | 12.738 | 17.684 | 29.034 | 6037.504 | 7018.154 | 3.891 | 4772.345 |
| 165.631 | 1.002 | 14.696 | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 12.736 | 17.684 | 29.030 | 6037.516 | 7018.167 | 3.891 | 4772.354 |
| 165.631 | 1.002 | 14.697 | | | | | | |
| 1/7/2017 7:05:00 AM | 205500.000 | 12.737 | 17.684 | 29.032 | 6039.214 | 7020.195 | 3.893 | 4773.733 |
| 165.584 | 1.002 | 14.698 | | | | | | |
| 1/7/2017 7:10:00 AM | 205800.000 | 12.741 | 17.684 | 29.040 | 6039.959 | 7021.021 | 3.893 | 4774.295 |
| 165.564 | 1.002 | 14.699 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 12.735 | 17.684 | 29.027 | 6043.019 | 7024.604 | 3.895 | 4776.731 |
| 165.480 | 1.002 | 14.699 | | | | | | |
| 1/7/2017 7:20:00 AM | 206400.000 | 12.732 | 17.684 | 29.020 | 6039.178 | 7020.113 | 3.893 | 4773.677 |
| 165.585 | 1.002 | 14.700 | | | | | | |
| 1/7/2017 7:25:00 AM | 206700.000 | 12.740 | 17.684 | 29.039 | 6040.084 | 7021.233 | 3.893 | 4774.439 |
| 165.561 | 1.002 | 14.701 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 12.734 | 17.684 | 29.025 | 6037.577 | 7018.210 | 3.891 | 4772.384 |
| 165.629 | 1.002 | 14.702 | | | | | | |
| 1/7/2017 7:35:00 AM | 207300.000 | 12.743 | 17.684 | 29.046 | 6033.792 | 7013.838 | 3.889 | 4769.411 |
| 165.733 | 1.002 | 14.702 | | | | | | |
| 1/7/2017 7:40:00 AM | 207600.000 | 12.744 | 17.685 | 29.047 | 6028.246 | 7007.324 | 3.885 | 4764.980 |
| 165.886 | 1.002 | 14.701 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 12.743 | 17.684 | 29.045 | 6020.753 | 6998.682 | 3.880 | 4759.104 |
| 166.092 | 1.002 | 14.701 | | | | | | |
| 1/7/2017 7:50:00 AM | 208200.000 | 12.738 | 17.684 | 29.034 | 6015.005 | 6992.000 | 3.876 | 4754.561 |
| 166.251 | 1.002 | 14.701 | | | | | | |
| 1/7/2017 7:55:00 AM | 208500.000 | 12.740 | 17.684 | 29.039 | 6007.308 | 6983.039 | 3.871 | 4748.467 |
| 166.464 | 1.002 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 12.741 | 17.684 | 29.040 | 5999.037 | 6973.467 | 3.865 | 4741.958 |
| 166.693 | 1.002 | 14.700 | | | | | | |
| 1/7/2017 8:05:00 AM | 209100.000 | 12.740 | 17.684 | 29.039 | 5992.053 | 6965.320 | 3.860 | 4736.418 |
| 166.888 | 1.002 | 14.705 | | | | | | |
| 1/7/2017 8:10:00 AM | 209400.000 | 12.739 | 17.684 | 29.035 | 5986.284 | 6958.682 | 3.856 | 4731.904 |
| 167.049 | 1.002 | 14.709 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 12.733 | 17.684 | 29.022 | 5981.408 | 6952.918 | 3.853 | 4727.984 |
| 167.185 | 1.002 | 14.714 | | | | | | |
| 1/7/2017 8:20:00 AM | 210000.000 | 12.731 | 17.684 | 29.018 | 5977.545 | 6948.455 | 3.850 | 4724.950 |
| 167.293 | 1.002 | 14.713 | | | | | | |
| 1/7/2017 8:25:00 AM | 210300.000 | 12.733 | 17.685 | 29.022 | 5970.232 | 6939.916 | 3.845 | 4719.143 |
| 167.498 | 1.002 | 14.713 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 12.732 | 17.685 | 29.021 | 5966.124 | 6935.113 | 3.842 | 4715.877 |
| 167.613 | 1.002 | 14.712 | | | | | | |
| 1/7/2017 8:35:00 AM | 210900.000 | 12.730 | 17.685 | 29.017 | 5961.779 | 6930.046 | 3.839 | 4712.432 |
| 167.735 | 1.002 | 14.713 | | | | | | |
| 1/7/2017 8:40:00 AM | 211200.000 | 12.732 | 17.684 | 29.020 | 5956.819 | 6924.351 | 3.836 | 4708.559 |
| 167.875 | 1.002 | 14.714 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 12.738 | 17.684 | 29.034 | 5952.710 | 6919.615 | 3.833 | 4705.338 |
| 167.991 | 1.002 | 14.716 | | | | | | |
| 1/7/2017 8:50:00 AM | 211800.000 | 12.734 | 17.684 | 29.024 | 5949.854 | 6916.253 | 3.831 | 4703.053 |
| 168.071 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 8:55:00 AM | 212100.000 | 12.732 | 17.685 | 29.020 | 5945.332 | 6910.928 | 3.828 | 4699.432 |
| 168.199 | 1.002 | 14.718 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 12.738 | 17.684 | 29.035 | 5941.277 | 6906.284 | 3.825 | 4696.274 |
| 168.314 | 1.002 | 14.719 | | | | | | |
| 1/7/2017 9:05:00 AM | 212700.000 | 12.732 | 17.685 | 29.021 | 5938.548 | 6903.042 | 3.823 | 4694.069 |
| 168.391 | 1.002 | 14.719 | | | | | | |
| 1/7/2017 9:10:00 AM | 213000.000 | 12.742 | 17.685 | 29.043 | 5932.818 | 6896.425 | 3.819 | 4689.569 |
| 168.554 | 1.002 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 12.741 | 17.684 | 29.041 | 5930.766 | 6894.051 | 3.818 | 4687.955 |
| 168.612 | 1.002 | 14.718 | | | | | | |
| 1/7/2017 9:20:00 AM | 213600.000 | 12.742 | 17.684 | 29.042 | 5926.342 | 6888.948 | 3.815 | 4684.485 |
| 168.738 | 1.002 | 14.721 | | | | | | |
| 1/7/2017 9:25:00 AM | 213900.000 | 12.736 | 17.685 | 29.028 | 5921.800 | 6883.604 | 3.812 | 4680.851 |
| 168.868 | 1.002 | 14.725 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 12.734 | 17.684 | 29.025 | 5919.737 | 6881.258 | 3.810 | 4679.256 |
| 168.926 | 1.002 | 14.728 | | | | | | |
| 1/7/2017 9:35:00 AM | 214500.000 | 12.738 | 17.685 | 29.034 | 5914.610 | 6875.246 | 3.807 | 4675.167 |
| 169.073 | 1.002 | 14.727 | | | | | | |
| 1/7/2017 9:40:00 AM | 214800.000 | 12.733 | 17.684 | 29.022 | 5912.508 | 6872.855 | 3.805 | 4673.542 |
| 169.133 | 1.002 | 14.726 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 12.732 | 17.685 | 29.021 | 5906.940 | 6866.344 | 3.801 | 4669.114 |
| 169.292 | 1.002 | 14.726 | | | | | | |
| 1/7/2017 9:50:00 AM | 215400.000 | 12.737 | 17.685 | 29.033 | 5903.813 | 6862.695 | 3.799 | 4666.633 |
| 169.382 | 1.002 | 14.728 | | | | | | |
| 1/7/2017 9:55:00 AM | 215700.000 | 12.734 | 17.684 | 29.024 | 5899.483 | 6857.728 | 3.796 | 4663.255 |
| 169.506 | 1.002 | 14.730 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 12.738 | 17.685 | 29.034 | 5896.879 | 6854.595 | 3.795 | 4661.125 |
| 169.581 | 1.002 | 14.732 | | | | | | |
| 1/7/2017 10:05:00 AM | 216300.000 | 12.733 | 17.685 | 29.023 | 5893.556 | 6850.772 | 3.792 | 4658.525 |
| 169.677 | 1.002 | 14.735 | | | | | | |
| 1/7/2017 10:10:00 AM | 216600.000 | 12.735 | 17.685 | 29.028 | 5889.896 | 6846.504 | 3.790 | 4655.623 |
| 169.782 | 1.002 | 14.739 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 12.735 | 17.684 | 29.026 | 5887.048 | 6843.287 | 3.788 | 4653.435 |
| 169.864 | 1.002 | 14.742 | | | | | | |
| 1/7/2017 10:20:00 AM | 217200.000 | 12.735 | 17.684 | 29.028 | 5882.055 | 6837.443 | 3.784 | 4649.462 |
| 170.009 | 1.002 | 14.741 | | | | | | |
| 1/7/2017 10:25:00 AM | 217500.000 | 12.735 | 17.684 | 29.027 | 5880.829 | 6836.083 | 3.784 | 4648.537 |
| 170.044 | 1.002 | 14.740 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 12.731 | 17.685 | 29.018 | 5876.115 | 6830.512 | 3.780 | 4644.748 |
| 170.180 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 10:35:00 AM | 218100.000 | 12.738 | 17.685 | 29.034 | 5872.258 | 6826.015 | 3.778 | 4641.691 |
| 170.292 | 1.002 | 14.736 | | | | | | |
| 1/7/2017 10:40:00 AM | 218400.000 | 12.740 | 17.684 | 29.039 | 5869.238 | 6822.569 | 3.776 | 4639.347 |
| 170.380 | 1.002 | 14.734 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 12.737 | 17.685 | 29.032 | 5866.384 | 6819.200 | 3.774 | 4637.056 |
| 170.463 | 1.002 | 14.732 | | | | | | |
| 1/7/2017 10:50:00 AM | 219000.000 | 12.741 | 17.685 | 29.042 | 5863.475 | 6815.819 | 3.772 | 4634.757 |
| 170.547 | 1.002 | 14.734 | | | | | | |
| 1/7/2017 10:55:00 AM | 219300.000 | 12.741 | 17.684 | 29.041 | 5861.885 | 6814.021 | 3.771 | 4633.535 |
| 170.594 | 1.002 | 14.735 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 12.732 | 17.684 | 29.021 | 5857.742 | 6809.181 | 3.768 | 4630.243 |
| 170.714 | 1.002 | 14.737 | | | | | | |
| 1/7/2017 11:05:00 AM | 219900.000 | 12.734 | 17.684 | 29.025 | 5854.542 | 6805.487 | 3.765 | 4627.731 |
| 170.808 | 1.002 | 14.735 | | | | | | |
| 1/7/2017 11:10:00 AM | 220200.000 | 12.737 | 17.684 | 29.031 | 5852.418 | 6803.032 | 3.764 | 4626.063 |
| 170.870 | 1.002 | 14.732 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 12.740 | 17.684 | 29.037 | 5849.820 | 6800.091 | 3.762 | 4624.062 |
| 170.945 | 1.002 | 14.730 | | | | | | |
| 1/7/2017 11:20:00 AM | 220800.000 | 12.738 | 17.685 | 29.033 | 5845.685 | 6795.140 | 3.759 | 4620.695 |
| 171.066 | 1.002 | 14.730 | | | | | | |
| 1/7/2017 11:25:00 AM | 221100.000 | 12.742 | 17.684 | 29.042 | 5844.813 | 6794.152 | 3.759 | 4620.024 |
| 171.092 | 1.002 | 14.731 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 12.734 | 17.685 | 29.025 | 5839.068 | 6787.435 | 3.755 | 4615.456 |
| 171.260 | 1.002 | 14.732 | | | | | | |
| 1/7/2017 11:35:00 AM | 221700.000 | 12.734 | 17.684 | 29.025 | 5838.571 | 6786.909 | 3.754 | 4615.099 |
| 171.275 | 1.002 | 14.730 | | | | | | |
| 1/7/2017 11:40:00 AM | 222000.000 | 12.733 | 17.685 | 29.023 | 5833.915 | 6781.403 | 3.751 | 4611.355 |
| 171.411 | 1.002 | 14.729 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 12.740 | 17.684 | 29.038 | 5831.884 | 6779.135 | 3.750 | 4609.812 |
| 171.471 | 1.002 | 14.727 | | | | | | |
| 1/7/2017 11:50:00 AM | 222600.000 | 12.735 | 17.685 | 29.027 | 5830.405 | 6777.310 | 3.749 | 4608.571 |
| 171.515 | 1.002 | 14.725 | | | | | | |
| 1/7/2017 11:55:00 AM | 222900.000 | 12.740 | 17.685 | 29.039 | 5828.394 | 6775.013 | 3.747 | 4607.009 |
| 171.574 | 1.002 | 14.723 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 12.739 | 17.684 | 29.036 | 5824.542 | 6770.628 | 3.745 | 4604.028 |
| 171.687 | 1.002 | 14.721 | | | | | | |
| 1/7/2017 12:05:00 PM | 223500.000 | 12.740 | 17.685 | 29.038 | 5821.754 | 6767.322 | 3.743 | 4601.779 |
| 171.770 | 1.002 | 14.721 | | | | | | |
| 1/7/2017 12:10:00 PM | 223800.000 | 12.735 | 17.684 | 29.027 | 5819.229 | 6764.398 | 3.741 | 4599.791 |
| 171.844 | 1.002 | 14.720 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 12.736 | 17.685 | 29.029 | 5816.684 | 6761.415 | 3.739 | 4597.763 |
| 171.919 | 1.002 | 14.720 | | | | | | |
| 1/7/2017 12:20:00 PM | 224400.000 | 12.739 | 17.684 | 29.035 | 5813.267 | 6757.481 | 3.737 | 4595.087 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 172.020 | 1.002 | 14.721 | | | | | | |
| 1/7/2017 12:25:00 PM | 224700.000 | 12.733 | 17.684 | 29.022 | 5811.320 | 6755.231 | 3.736 | 4593.557 |
| 172.078 | 1.002 | 14.722 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 12.732 | 17.685 | 29.019 | 5809.085 | 6752.568 | 3.734 | 4591.747 |
| 172.144 | 1.002 | 14.723 | | | | | | |
| 1/7/2017 12:35:00 PM | 225300.000 | 12.733 | 17.685 | 29.021 | 5808.255 | 6751.603 | 3.734 | 4591.091 |
| 172.169 | 1.002 | 14.720 | | | | | | |
| 1/7/2017 12:40:00 PM | 225600.000 | 12.733 | 17.685 | 29.022 | 5806.771 | 6749.864 | 3.733 | 4589.908 |
| 172.213 | 1.002 | 14.718 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 12.736 | 17.684 | 29.028 | 5804.858 | 6747.747 | 3.731 | 4588.469 |
| 172.270 | 1.002 | 14.716 | | | | | | |
| 1/7/2017 12:50:00 PM | 226200.000 | 12.737 | 17.684 | 29.032 | 5802.022 | 6744.450 | 3.729 | 4586.227 |
| 172.354 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 12:55:00 PM | 226500.000 | 12.736 | 17.684 | 29.030 | 5800.504 | 6742.658 | 3.728 | 4585.008 |
| 172.399 | 1.002 | 14.718 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 12.732 | 17.684 | 29.020 | 5800.060 | 6742.115 | 3.728 | 4584.639 |
| 172.412 | 1.002 | 14.720 | | | | | | |
| 1/7/2017 1:05:00 PM | 227100.000 | 12.734 | 17.684 | 29.025 | 5797.099 | 6738.712 | 3.726 | 4582.325 |
| 172.500 | 1.002 | 14.719 | | | | | | |
| 1/7/2017 1:10:00 PM | 227400.000 | 12.734 | 17.685 | 29.025 | 5794.787 | 6735.961 | 3.724 | 4580.454 |
| 172.569 | 1.002 | 14.718 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 12.739 | 17.684 | 29.036 | 5792.521 | 6733.392 | 3.723 | 4578.707 |
| 172.636 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 1:20:00 PM | 228000.000 | 12.741 | 17.684 | 29.041 | 5793.259 | 6734.249 | 3.723 | 4579.290 |
| 172.614 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 1:25:00 PM | 228300.000 | 12.736 | 17.684 | 29.029 | 5792.296 | 6733.104 | 3.723 | 4578.511 |
| 172.643 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 12.742 | 17.684 | 29.044 | 5791.081 | 6731.732 | 3.722 | 4577.579 |
| 172.679 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 1:35:00 PM | 228900.000 | 12.737 | 17.684 | 29.031 | 5789.880 | 6730.296 | 3.721 | 4576.602 |
| 172.715 | 1.002 | 14.716 | | | | | | |
| 1/7/2017 1:40:00 PM | 229200.000 | 12.742 | 17.684 | 29.044 | 5793.751 | 6734.822 | 3.724 | 4579.679 |
| 172.600 | 1.002 | 14.715 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 12.739 | 17.685 | 29.036 | 5797.024 | 6738.576 | 3.726 | 4582.231 |
| 172.502 | 1.002 | 14.714 | | | | | | |
| 1/7/2017 1:50:00 PM | 229800.000 | 12.737 | 17.684 | 29.032 | 5806.236 | 6749.388 | 3.732 | 4589.584 |
| 172.229 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 1:55:00 PM | 230100.000 | 12.737 | 17.685 | 29.031 | 5814.990 | 6759.459 | 3.738 | 4596.433 |
| 171.969 | 1.002 | 14.720 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 12.737 | 17.684 | 29.031 | 5825.291 | 6771.538 | 3.745 | 4604.646 |
| 171.665 | 1.002 | 14.723 | | | | | | |
| 1/7/2017 2:05:00 PM | 230700.000 | 12.730 | 17.684 | 29.016 | 5831.934 | 6779.180 | 3.750 | 4609.843 |
| 171.470 | 1.002 | 14.722 | | | | | | |
| 1/7/2017 2:10:00 PM | 231000.000 | 12.731 | 17.684 | 29.017 | 5839.790 | 6788.364 | 3.755 | 4616.087 |
| 171.239 | 1.002 | 14.722 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 12.740 | 17.684 | 29.039 | 5847.871 | 6797.747 | 3.761 | 4622.468 |
| 171.002 | 1.002 | 14.721 | | | | | | |
| 1/7/2017 2:20:00 PM | 231600.000 | 12.742 | 17.684 | 29.042 | 5852.498 | 6803.150 | 3.764 | 4626.143 |
| 170.867 | 1.002 | 14.719 | | | | | | |
| 1/7/2017 2:25:00 PM | 231900.000 | 12.741 | 17.684 | 29.041 | 5858.594 | 6810.275 | 3.768 | 4630.988 |
| 170.689 | 1.002 | 14.717 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 12.742 | 17.684 | 29.043 | 5865.372 | 6818.049 | 3.773 | 4636.274 |
| 170.492 | 1.002 | 14.715 | | | | | | |
| 1/7/2017 2:35:00 PM | 232500.000 | 12.738 | 17.684 | 29.034 | 5868.984 | 6822.235 | 3.775 | 4639.120 |
| 170.387 | 1.002 | 14.718 | | | | | | |
| 1/7/2017 2:40:00 PM | 232800.000 | 12.737 | 17.684 | 29.031 | 5875.414 | 6829.774 | 3.780 | 4644.247 |
| 170.201 | 1.002 | 14.721 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 12.743 | 17.684 | 29.044 | 5880.518 | 6835.761 | 3.783 | 4648.318 |
| 170.053 | 1.002 | 14.724 | | | | | | |
| 1/7/2017 2:50:00 PM | 233400.000 | 12.744 | 17.684 | 29.048 | 5882.037 | 6837.447 | 3.784 | 4649.465 |
| 170.009 | 1.002 | 14.722 | | | | | | |
| 1/7/2017 2:55:00 PM | 233700.000 | 12.742 | 17.684 | 29.042 | 5887.568 | 6843.957 | 3.788 | 4653.891 |
| 169.849 | 1.002 | 14.720 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 12.745 | 17.684 | 29.051 | 5891.480 | 6848.398 | 3.791 | 4656.911 |
| 169.737 | 1.002 | 14.718 | | | | | | |
| 1/7/2017 3:05:00 PM | 234300.000 | 12.744 | 17.684 | 29.047 | 5896.308 | 6854.011 | 3.794 | 4660.728 |
| 169.598 | 1.002 | 14.722 | | | | | | |
| 1/7/2017 3:10:00 PM | 234600.000 | 12.743 | 17.684 | 29.046 | 5899.556 | 6857.786 | 3.796 | 4663.295 |
| 169.504 | 1.002 | 14.727 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 12.734 | 17.684 | 29.024 | 5903.126 | 6861.988 | 3.799 | 4666.152 |
| 169.402 | 1.002 | 14.732 | | | | | | |
| 1/7/2017 3:20:00 PM | 235200.000 | 12.736 | 17.684 | 29.030 | 5905.665 | 6864.968 | 3.801 | 4668.179 |
| 169.329 | 1.002 | 14.731 | | | | | | |
| 1/7/2017 3:25:00 PM | 235500.000 | 12.744 | 17.684 | 29.047 | 5910.500 | 6870.549 | 3.804 | 4671.974 |
| 169.190 | 1.002 | 14.729 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 12.742 | 17.684 | 29.042 | 5913.104 | 6873.615 | 3.806 | 4674.059 |
| 169.116 | 1.002 | 14.728 | | | | | | |
| 1/7/2017 3:35:00 PM | 236100.000 | 12.738 | 17.684 | 29.033 | 5916.140 | 6877.089 | 3.808 | 4676.421 |
| 169.029 | 1.002 | 14.729 | | | | | | |
| 1/7/2017 3:40:00 PM | 236400.000 | 12.736 | 17.684 | 29.030 | 5919.415 | 6880.990 | 3.810 | 4679.073 |
| 168.936 | 1.002 | 14.730 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 12.743 | 17.684 | 29.045 | 5921.855 | 6883.720 | 3.812 | 4680.930 |
| 168.866 | 1.002 | 14.731 | | | | | | |
| 1/7/2017 3:50:00 PM | 237000.000 | 12.739 | 17.684 | 29.036 | 5926.730 | 6889.374 | 3.815 | 4684.774 |
| 168.727 | 1.002 | 14.732 | | | | | | |
| 1/7/2017 3:55:00 PM | 237300.000 | 12.737 | 17.684 | 29.031 | 5926.348 | 6889.021 | 3.815 | 4684.535 |
| 168.738 | 1.002 | 14.733 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 12.736 | 17.684 | 29.028 | 5928.944 | 6892.014 | 3.817 | 4686.570 |
| 168.664 | 1.002 | 14.735 | | | | | | |
| 1/7/2017 4:05:00 PM | 237900.000 | 12.735 | 17.684 | 29.027 | 5933.305 | 6897.137 | 3.820 | 4690.053 |
| 168.540 | 1.002 | 14.735 | | | | | | |
| 1/7/2017 4:10:00 PM | 238200.000 | 12.736 | 17.684 | 29.030 | 5935.487 | 6899.606 | 3.821 | 4691.732 |
| 168.478 | 1.002 | 14.736 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 12.735 | 17.684 | 29.028 | 5937.107 | 6901.478 | 3.822 | 4693.005 |
| 168.432 | 1.002 | 14.736 | | | | | | |
| 1/7/2017 4:20:00 PM | 238800.000 | 12.741 | 17.684 | 29.040 | 5940.690 | 6905.722 | 3.825 | 4695.892 |
| 168.331 | 1.002 | 14.737 | | | | | | |
| 1/7/2017 4:25:00 PM | 239100.000 | 12.735 | 17.684 | 29.027 | 5941.909 | 6907.044 | 3.826 | 4696.790 |
| 168.296 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 12.737 | 17.684 | 29.031 | 5944.931 | 6910.531 | 3.828 | 4699.162 |
| 168.211 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 4:35:00 PM | 239700.000 | 12.735 | 17.684 | 29.028 | 5947.624 | 6913.703 | 3.829 | 4701.318 |
| 168.134 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 4:40:00 PM | 240000.000 | 12.739 | 17.684 | 29.036 | 5950.146 | 6916.606 | 3.831 | 4703.292 |
| 168.063 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 12.737 | 17.684 | 29.032 | 5952.978 | 6919.926 | 3.833 | 4705.550 |
| 167.983 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 4:50:00 PM | 240600.000 | 12.740 | 17.684 | 29.038 | 5957.958 | 6925.699 | 3.837 | 4709.476 |
| 167.843 | 1.002 | 14.736 | | | | | | |
| 1/7/2017 4:55:00 PM | 240900.000 | 12.743 | 17.684 | 29.044 | 5958.170 | 6925.947 | 3.837 | 4709.645 |
| 167.837 | 1.002 | 14.733 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 12.747 | 17.684 | 29.055 | 5961.270 | 6929.549 | 3.839 | 4712.094 |
| 167.749 | 1.002 | 14.731 | | | | | | |
| 1/7/2017 5:05:00 PM | 241500.000 | 12.744 | 17.684 | 29.047 | 5965.792 | 6934.847 | 3.842 | 4715.696 |
| 167.622 | 1.002 | 14.733 | | | | | | |
| 1/7/2017 5:10:00 PM | 241800.000 | 12.746 | 17.685 | 29.052 | 5964.079 | 6932.763 | 3.841 | 4714.279 |
| 167.670 | 1.002 | 14.736 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 12.743 | 17.684 | 29.044 | 5966.995 | 6936.232 | 3.843 | 4716.638 |
| 167.589 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 5:20:00 PM | 242400.000 | 12.739 | 17.684 | 29.035 | 5969.816 | 6939.458 | 3.845 | 4718.833 |
| 167.509 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 5:25:00 PM | 242700.000 | 12.744 | 17.684 | 29.048 | 5971.722 | 6941.715 | 3.846 | 4720.367 |
| 167.456 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 12.744 | 17.684 | 29.046 | 5974.074 | 6944.475 | 3.848 | 4722.243 |
| 167.390 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 5:35:00 PM | 243300.000 | 12.739 | 17.684 | 29.035 | 5978.226 | 6949.260 | 3.851 | 4725.497 |
| 167.274 | 1.002 | 14.736 | | | | | | |
| 1/7/2017 5:40:00 PM | 243600.000 | 12.742 | 17.684 | 29.043 | 5979.227 | 6950.450 | 3.851 | 4726.307 |
| 167.246 | 1.002 | 14.735 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 12.745 | 17.685 | 29.049 | 5982.335 | 6953.957 | 3.853 | 4728.691 |
| 167.159 | 1.002 | 14.734 | | | | | | |
| 1/7/2017 5:50:00 PM | 244200.000 | 12.739 | 17.684 | 29.036 | 5983.016 | 6954.895 | 3.854 | 4729.328 |
| 167.140 | 1.002 | 14.734 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 5:55:00 PM | 244500.000 | 12.736 | 17.684 | 29.030 | 5984.878 | 6957.020 | 3.855 | 4730.773 |
| 167.088 | 1.002 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 12.737 | 17.685 | 29.032 | 5985.560 | 6957.705 | 3.856 | 4731.239 |
| 167.069 | 1.002 | 14.734 | | | | | | |
| 1/7/2017 6:05:00 PM | 245100.000 | 12.740 | 17.684 | 29.038 | 5991.627 | 6964.919 | 3.860 | 4736.145 |
| 166.900 | 1.002 | 14.732 | | | | | | |
| 1/7/2017 6:10:00 PM | 245400.000 | 12.739 | 17.685 | 29.037 | 5990.936 | 6963.926 | 3.859 | 4735.470 |
| 166.919 | 1.002 | 14.730 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 12.742 | 17.684 | 29.042 | 5991.892 | 6965.120 | 3.860 | 4736.281 |
| 166.892 | 1.002 | 14.728 | | | | | | |
| 1/7/2017 6:20:00 PM | 246000.000 | 12.744 | 17.684 | 29.048 | 5994.075 | 6967.657 | 3.861 | 4738.007 |
| 166.831 | 1.002 | 14.730 | | | | | | |
| 1/7/2017 6:25:00 PM | 246300.000 | 12.745 | 17.684 | 29.050 | 5997.505 | 6971.686 | 3.864 | 4740.747 |
| 166.736 | 1.002 | 14.733 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 12.742 | 17.684 | 29.042 | 5999.940 | 6974.517 | 3.866 | 4742.671 |
| 166.668 | 1.002 | 14.735 | | | | | | |
| 1/7/2017 6:35:00 PM | 246900.000 | 12.737 | 17.684 | 29.031 | 6000.560 | 6975.237 | 3.866 | 4743.161 |
| 166.651 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 6:40:00 PM | 247200.000 | 12.743 | 17.684 | 29.045 | 6001.964 | 6976.840 | 3.867 | 4744.252 |
| 166.612 | 1.002 | 14.740 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 12.741 | 17.684 | 29.042 | 6004.275 | 6979.540 | 3.868 | 4746.087 |
| 166.548 | 1.002 | 14.743 | | | | | | |
| 1/7/2017 6:50:00 PM | 247800.000 | 12.739 | 17.684 | 29.037 | 6005.508 | 6981.001 | 3.869 | 4747.081 |
| 166.514 | 1.002 | 14.743 | | | | | | |
| 1/7/2017 6:55:00 PM | 248100.000 | 12.745 | 17.684 | 29.049 | 6008.894 | 6984.964 | 3.872 | 4749.776 |
| 166.420 | 1.002 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 12.748 | 17.684 | 29.057 | 6010.928 | 6987.341 | 3.873 | 4751.393 |
| 166.364 | 1.002 | 14.743 | | | | | | |
| 1/7/2017 7:05:00 PM | 248700.000 | 12.748 | 17.684 | 29.057 | 6012.153 | 6988.713 | 3.874 | 4752.326 |
| 166.330 | 1.002 | 14.742 | | | | | | |
| 1/7/2017 7:10:00 PM | 249000.000 | 12.744 | 17.684 | 29.047 | 6014.226 | 6991.123 | 3.875 | 4753.964 |
| 166.272 | 1.002 | 14.742 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 12.751 | 17.684 | 29.063 | 6016.735 | 6994.040 | 3.877 | 4755.947 |
| 166.203 | 1.002 | 14.741 | | | | | | |
| 1/7/2017 7:20:00 PM | 249600.000 | 12.748 | 17.684 | 29.057 | 6016.619 | 6993.931 | 3.877 | 4755.873 |
| 166.206 | 1.002 | 14.744 | | | | | | |
| 1/7/2017 7:25:00 PM | 249900.000 | 12.747 | 17.684 | 29.054 | 6018.690 | 6996.297 | 3.878 | 4757.482 |
| 166.149 | 1.002 | 14.747 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 12.740 | 17.684 | 29.039 | 6021.861 | 6999.999 | 3.881 | 4760.000 |
| 166.062 | 1.002 | 14.750 | | | | | | |
| 1/7/2017 7:35:00 PM | 250500.000 | 12.743 | 17.684 | 29.044 | 6021.954 | 7000.132 | 3.881 | 4760.090 |
| 166.059 | 1.002 | 14.751 | | | | | | |
| 1/7/2017 7:40:00 PM | 250800.000 | 12.747 | 17.684 | 29.054 | 6026.341 | 7005.150 | 3.884 | 4763.502 |
| 165.938 | 1.002 | 14.752 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 12.746 | 17.684 | 29.051 | 6027.118 | 7006.149 | 3.884 | 4764.182 |
| 165.917 | 1.002 | 14.753 | | | | | | |
| 1/7/2017 7:50:00 PM | 251400.000 | 12.750 | 17.684 | 29.061 | 6027.536 | 7006.538 | 3.884 | 4764.446 |
| 165.905 | 1.002 | 14.755 | | | | | | |
| 1/7/2017 7:55:00 PM | 251700.000 | 12.748 | 17.684 | 29.056 | 6028.395 | 7007.552 | 3.885 | 4765.135 |
| 165.882 | 1.002 | 14.758 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 12.747 | 17.684 | 29.055 | 6030.443 | 7009.958 | 3.887 | 4766.772 |
| 165.825 | 1.002 | 14.761 | | | | | | |
| 1/7/2017 8:05:00 PM | 252300.000 | 12.748 | 17.684 | 29.057 | 6031.363 | 7011.015 | 3.887 | 4767.490 |
| 165.800 | 1.002 | 14.759 | | | | | | |
| 1/7/2017 8:10:00 PM | 252600.000 | 12.747 | 17.684 | 29.054 | 6032.215 | 7011.993 | 3.888 | 4768.156 |
| 165.777 | 1.002 | 14.758 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 12.748 | 17.684 | 29.056 | 6034.166 | 7014.301 | 3.889 | 4769.725 |
| 165.723 | 1.002 | 14.756 | | | | | | |
| 1/7/2017 8:20:00 PM | 253200.000 | 12.741 | 17.684 | 29.040 | 6035.468 | 7015.773 | 3.890 | 4770.726 |
| 165.687 | 1.002 | 14.756 | | | | | | |
| 1/7/2017 8:25:00 PM | 253500.000 | 12.747 | 17.684 | 29.054 | 6035.723 | 7016.124 | 3.890 | 4770.964 |
| 165.680 | 1.002 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 12.749 | 17.684 | 29.059 | 6036.438 | 7016.928 | 3.891 | 4771.511 |
| 165.661 | 1.002 | 14.756 | | | | | | |
| 1/7/2017 8:35:00 PM | 254100.000 | 12.747 | 17.684 | 29.055 | 6036.298 | 7016.781 | 3.891 | 4771.412 |
| 165.664 | 1.002 | 14.758 | | | | | | |
| 1/7/2017 8:40:00 PM | 254400.000 | 12.747 | 17.684 | 29.054 | 6037.275 | 7017.942 | 3.891 | 4772.201 |
| 165.638 | 1.002 | 14.760 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 12.740 | 17.684 | 29.039 | 6038.489 | 7019.311 | 3.892 | 4773.131 |
| 165.604 | 1.002 | 14.763 | | | | | | |
| 1/7/2017 8:50:00 PM | 255000.000 | 12.741 | 17.684 | 29.040 | 6039.167 | 7020.167 | 3.893 | 4773.713 |
| 165.586 | 1.002 | 14.763 | | | | | | |
| 1/7/2017 8:55:00 PM | 255300.000 | 12.741 | 17.684 | 29.040 | 6041.117 | 7022.366 | 3.894 | 4775.209 |
| 165.532 | 1.002 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 12.749 | 17.684 | 29.058 | 6040.041 | 7021.089 | 3.893 | 4774.341 |
| 165.562 | 1.002 | 14.762 | | | | | | |
| 1/7/2017 9:05:00 PM | 255900.000 | 12.746 | 17.684 | 29.052 | 6041.304 | 7022.584 | 3.894 | 4775.357 |
| 165.527 | 1.002 | 14.763 | | | | | | |
| 1/7/2017 9:10:00 PM | 256200.000 | 12.744 | 17.684 | 29.048 | 6043.715 | 7025.402 | 3.896 | 4777.273 |
| 165.461 | 1.002 | 14.763 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 12.744 | 17.684 | 29.047 | 6042.721 | 7024.272 | 3.895 | 4776.505 |
| 165.488 | 1.002 | 14.764 | | | | | | |
| 1/7/2017 9:20:00 PM | 256800.000 | 12.748 | 17.684 | 29.056 | 6044.609 | 7026.441 | 3.896 | 4777.980 |
| 165.437 | 1.002 | 14.762 | | | | | | |
| 1/7/2017 9:25:00 PM | 257100.000 | 12.753 | 17.684 | 29.069 | 6042.584 | 7024.072 | 3.895 | 4776.370 |
| 165.492 | 1.002 | 14.761 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 12.755 | 17.684 | 29.072 | 6042.747 | 7024.276 | 3.895 | 4776.508 |
| 165.488 | 1.002 | 14.760 | | | | | | |
| 1/7/2017 9:35:00 PM | 257700.000 | 12.757 | 17.685 | 29.078 | 6043.533 | 7025.123 | 3.895 | 4777.084 |
| 165.466 | 1.002 | 14.758 | | | | | | |
| 1/7/2017 9:40:00 PM | 258000.000 | 12.750 | 17.684 | 29.060 | 6044.371 | 7026.135 | 3.896 | 4777.772 |
| 165.443 | 1.002 | 14.756 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 12.747 | 17.684 | 29.055 | 6044.811 | 7026.701 | 3.896 | 4778.157 |
| 165.431 | 1.002 | 14.754 | | | | | | |
| 1/7/2017 9:50:00 PM | 258600.000 | 12.748 | 17.684 | 29.057 | 6044.778 | 7026.637 | 3.896 | 4778.113 |
| 165.432 | 1.002 | 14.757 | | | | | | |
| 1/7/2017 9:55:00 PM | 258900.000 | 12.748 | 17.684 | 29.056 | 6044.578 | 7026.445 | 3.896 | 4777.983 |
| 165.438 | 1.002 | 14.760 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 12.742 | 17.684 | 29.043 | 6045.146 | 7027.065 | 3.897 | 4778.405 |
| 165.422 | 1.002 | 14.763 | | | | | | |
| 1/7/2017 10:05:00 PM | 259500.000 | 12.743 | 17.684 | 29.045 | 6047.276 | 7029.500 | 3.898 | 4780.060 |
| 165.364 | 1.002 | 14.758 | | | | | | |
| 1/7/2017 10:10:00 PM | 259800.000 | 12.742 | 17.684 | 29.042 | 6048.050 | 7030.494 | 3.899 | 4780.736 |
| 165.343 | 1.002 | 14.753 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 12.751 | 17.684 | 29.065 | 6046.863 | 7029.073 | 3.898 | 4779.771 |
| 165.375 | 1.002 | 14.748 | | | | | | |
| 1/7/2017 10:20:00 PM | 260400.000 | 12.747 | 17.684 | 29.054 | 6049.751 | 7032.362 | 3.900 | 4782.006 |
| 165.296 | 1.002 | 14.753 | | | | | | |
| 1/7/2017 10:25:00 PM | 260700.000 | 12.751 | 17.684 | 29.064 | 6047.235 | 7029.465 | 3.898 | 4780.037 |
| 165.365 | 1.002 | 14.758 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 12.750 | 17.684 | 29.061 | 6050.476 | 7033.261 | 3.900 | 4782.618 |
| 165.276 | 1.002 | 14.763 | | | | | | |
| 1/7/2017 10:35:00 PM | 261300.000 | 12.746 | 17.685 | 29.052 | 6049.703 | 7032.294 | 3.900 | 4781.960 |
| 165.297 | 1.002 | 14.762 | | | | | | |
| 1/7/2017 10:40:00 PM | 261600.000 | 12.745 | 17.685 | 29.049 | 6050.063 | 7032.668 | 3.900 | 4782.215 |
| 165.288 | 1.002 | 14.760 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 12.745 | 17.684 | 29.050 | 6049.797 | 7032.416 | 3.900 | 4782.042 |
| 165.295 | 1.002 | 14.759 | | | | | | |
| 1/7/2017 10:50:00 PM | 262200.000 | 12.751 | 17.684 | 29.063 | 6050.811 | 7033.650 | 3.901 | 4782.882 |
| 165.267 | 1.002 | 14.758 | | | | | | |
| 1/7/2017 10:55:00 PM | 262500.000 | 12.749 | 17.685 | 29.058 | 6050.919 | 7033.708 | 3.901 | 4782.922 |
| 165.264 | 1.002 | 14.756 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 12.752 | 17.684 | 29.065 | 6051.473 | 7034.405 | 3.901 | 4783.396 |
| 165.249 | 1.002 | 14.755 | | | | | | |
| 1/7/2017 11:05:00 PM | 263100.000 | 12.750 | 17.684 | 29.062 | 6051.260 | 7034.130 | 3.901 | 4783.209 |
| 165.255 | 1.002 | 14.754 | | | | | | |
| 1/7/2017 11:10:00 PM | 263400.000 | 12.743 | 17.684 | 29.045 | 6052.019 | 7034.998 | 3.901 | 4783.799 |
| 165.234 | 1.002 | 14.754 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 12.746 | 17.684 | 29.051 | 6051.505 | 7034.415 | 3.901 | 4783.402 |
| 165.248 | 1.002 | 14.753 | | | | | | |
| 1/7/2017 11:20:00 PM | 264000.000 | 12.751 | 17.684 | 29.065 | 6054.095 | 7037.426 | 3.903 | 4785.450 |
| 165.177 | 1.002 | 14.748 | | | | | | |
| 1/7/2017 11:25:00 PM | 264300.000 | 12.752 | 17.684 | 29.067 | 6052.924 | 7036.173 | 3.902 | 4784.598 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 165.209 | 1.002 | 14.743 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 12.756 | 17.684 | 29.075 | 6053.111 | 7036.295 | 3.902 | 4784.681 |
| 165.204 | 1.002 | 14.738 | | | | | | |
| 1/7/2017 11:35:00 PM | 264900.000 | 12.751 | 17.684 | 29.064 | 6054.863 | 7038.319 | 3.903 | 4786.057 |
| 165.156 | 1.002 | 14.741 | | | | | | |
| 1/7/2017 11:40:00 PM | 265200.000 | 12.752 | 17.684 | 29.066 | 6054.147 | 7037.486 | 3.903 | 4785.491 |
| 165.176 | 1.002 | 14.744 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 12.749 | 17.684 | 29.058 | 6054.896 | 7038.342 | 3.903 | 4786.073 |
| 165.156 | 1.002 | 14.746 | | | | | | |
| 1/7/2017 11:50:00 PM | 265800.000 | 12.757 | 17.685 | 29.076 | 6057.129 | 7040.913 | 3.905 | 4787.821 |
| 165.095 | 1.002 | 14.746 | | | | | | |
| 1/7/2017 11:55:00 PM | 266100.000 | 12.751 | 17.684 | 29.062 | 6057.009 | 7040.867 | 3.905 | 4787.790 |
| 165.098 | 1.002 | 14.747 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 12.751 | 17.685 | 29.063 | 6057.929 | 7041.856 | 3.905 | 4788.462 |
| 165.073 | 1.002 | 14.747 | | | | | | |
| 1/8/2017 12:05:00 AM | 266700.000 | 12.751 | 17.684 | 29.064 | 6059.127 | 7043.343 | 3.906 | 4789.474 |
| 165.040 | 1.002 | 14.749 | | | | | | |
| 1/8/2017 12:10:00 AM | 267000.000 | 12.749 | 17.684 | 29.058 | 6062.355 | 7047.041 | 3.908 | 4791.988 |
| 164.952 | 1.002 | 14.751 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 12.749 | 17.684 | 29.058 | 6061.736 | 7046.351 | 3.908 | 4791.519 |
| 164.969 | 1.002 | 14.753 | | | | | | |
| 1/8/2017 12:20:00 AM | 267600.000 | 12.752 | 17.684 | 29.066 | 6062.153 | 7046.793 | 3.908 | 4791.819 |
| 164.958 | 1.002 | 14.754 | | | | | | |
| 1/8/2017 12:25:00 AM | 267900.000 | 12.761 | 17.684 | 29.085 | 6063.729 | 7048.610 | 3.909 | 4793.056 |
| 164.915 | 1.002 | 14.755 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 12.751 | 17.684 | 29.063 | 6066.684 | 7052.059 | 3.911 | 4795.400 |
| 164.835 | 1.002 | 14.756 | | | | | | |
| 1/8/2017 12:35:00 AM | 268500.000 | 12.755 | 17.684 | 29.072 | 6068.792 | 7054.564 | 3.913 | 4797.104 |
| 164.777 | 1.002 | 14.752 | | | | | | |
| 1/8/2017 12:40:00 AM | 268800.000 | 12.749 | 17.685 | 29.059 | 6069.146 | 7054.866 | 3.913 | 4797.310 |
| 164.768 | 1.002 | 14.748 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 12.748 | 17.684 | 29.056 | 6069.516 | 7055.377 | 3.913 | 4797.657 |
| 164.758 | 1.002 | 14.744 | | | | | | |
| 1/8/2017 12:50:00 AM | 269400.000 | 12.746 | 17.684 | 29.053 | 6070.223 | 7056.159 | 3.914 | 4798.188 |
| 164.739 | 1.002 | 14.746 | | | | | | |
| 1/8/2017 12:55:00 AM | 269700.000 | 12.749 | 17.685 | 29.058 | 6073.897 | 7060.418 | 3.916 | 4801.084 |
| 164.639 | 1.002 | 14.748 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 12.750 | 17.684 | 29.061 | 6073.178 | 7059.651 | 3.916 | 4800.563 |
| 164.658 | 1.002 | 14.750 | | | | | | |
| 1/8/2017 1:05:00 AM | 270300.000 | 12.750 | 17.684 | 29.062 | 6073.992 | 7060.663 | 3.917 | 4801.251 |
| 164.636 | 1.002 | 14.750 | | | | | | |
| 1/8/2017 1:10:00 AM | 270600.000 | 12.755 | 17.684 | 29.073 | 6077.209 | 7064.337 | 3.919 | 4803.749 |
| 164.549 | 1.002 | 14.751 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 12.750 | 17.684 | 29.061 | 6077.135 | 7064.291 | 3.919 | 4803.718 |
| 164.551 | 1.002 | 14.751 | | | | | | |
| 1/8/2017 1:20:00 AM | 271200.000 | 12.752 | 17.684 | 29.066 | 6078.625 | 7065.994 | 3.920 | 4804.876 |
| 164.511 | 1.002 | 14.745 | | | | | | |
| 1/8/2017 1:25:00 AM | 271500.000 | 12.752 | 17.684 | 29.065 | 6081.006 | 7068.762 | 3.921 | 4806.758 |
| 164.446 | 1.002 | 14.740 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 12.760 | 17.685 | 29.084 | 6080.796 | 7068.409 | 3.921 | 4806.518 |
| 164.452 | 1.002 | 14.735 | | | | | | |
| 1/8/2017 1:35:00 AM | 272100.000 | 12.758 | 17.685 | 29.079 | 6081.459 | 7069.180 | 3.922 | 4807.042 |
| 164.434 | 1.002 | 14.737 | | | | | | |
| 1/8/2017 1:40:00 AM | 272400.000 | 12.756 | 17.684 | 29.074 | 6081.271 | 7069.042 | 3.922 | 4806.949 |
| 164.439 | 1.002 | 14.740 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 12.754 | 17.684 | 29.070 | 6085.517 | 7073.937 | 3.924 | 4810.277 |
| 164.325 | 1.002 | 14.743 | | | | | | |
| 1/8/2017 1:50:00 AM | 273000.000 | 12.757 | 17.684 | 29.076 | 6086.401 | 7075.063 | 3.925 | 4811.043 |
| 164.301 | 1.002 | 14.739 | | | | | | |
| 1/8/2017 1:55:00 AM | 273300.000 | 12.758 | 17.684 | 29.080 | 6085.664 | 7074.135 | 3.925 | 4810.413 |
| 164.321 | 1.002 | 14.736 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 12.764 | 17.684 | 29.093 | 6084.892 | 7073.252 | 3.924 | 4809.812 |
| 164.341 | 1.002 | 14.732 | | | | | | |
| 1/8/2017 2:05:00 AM | 273900.000 | 12.762 | 17.684 | 29.088 | 6086.258 | 7074.813 | 3.925 | 4810.874 |
| 164.305 | 1.002 | 14.733 | | | | | | |
| 1/8/2017 2:10:00 AM | 274200.000 | 12.763 | 17.684 | 29.091 | 6087.467 | 7076.245 | 3.926 | 4811.847 |
| 164.272 | 1.002 | 14.733 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 12.756 | 17.685 | 29.075 | 6088.186 | 7077.027 | 3.926 | 4812.379 |
| 164.253 | 1.002 | 14.733 | | | | | | |
| 1/8/2017 2:20:00 AM | 274800.000 | 12.755 | 17.685 | 29.073 | 6090.534 | 7079.757 | 3.928 | 4814.235 |
| 164.189 | 1.002 | 14.733 | | | | | | |
| 1/8/2017 2:25:00 AM | 275100.000 | 12.761 | 17.684 | 29.086 | 6091.140 | 7080.530 | 3.928 | 4814.761 |
| 164.173 | 1.002 | 14.732 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 12.755 | 17.684 | 29.072 | 6091.287 | 7080.659 | 3.928 | 4814.849 |
| 164.169 | 1.002 | 14.732 | | | | | | |
| 1/8/2017 2:35:00 AM | 275700.000 | 12.765 | 17.684 | 29.096 | 6091.835 | 7081.322 | 3.929 | 4815.299 |
| 164.154 | 1.002 | 14.727 | | | | | | |
| 1/8/2017 2:40:00 AM | 276000.000 | 12.764 | 17.684 | 29.093 | 6092.920 | 7082.557 | 3.930 | 4816.139 |
| 164.125 | 1.002 | 14.723 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 12.773 | 17.685 | 29.113 | 6093.905 | 7083.604 | 3.930 | 4816.851 |
| 164.098 | 1.002 | 14.718 | | | | | | |
| 1/8/2017 2:50:00 AM | 276600.000 | 12.765 | 17.684 | 29.096 | 6096.284 | 7086.521 | 3.932 | 4818.835 |
| 164.034 | 1.002 | 14.719 | | | | | | |
| 1/8/2017 2:55:00 AM | 276900.000 | 12.761 | 17.684 | 29.086 | 6097.893 | 7088.392 | 3.933 | 4820.106 |
| 163.991 | 1.002 | 14.721 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 12.761 | 17.684 | 29.086 | 6097.817 | 7088.303 | 3.933 | 4820.046 |
| 163.993 | 1.002 | 14.723 | | | | | | |
| 1/8/2017 3:05:00 AM | 277500.000 | 12.762 | 17.684 | 29.090 | 6100.108 | 7090.939 | 3.935 | 4821.839 |
| 163.932 | 1.002 | 14.719 | | | | | | |
| 1/8/2017 3:10:00 AM | 277800.000 | 12.762 | 17.684 | 29.089 | 6102.170 | 7093.378 | 3.936 | 4823.497 |
| 163.876 | 1.002 | 14.716 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 12.767 | 17.685 | 29.100 | 6103.155 | 7094.428 | 3.937 | 4824.211 |
| 163.850 | 1.002 | 14.713 | | | | | | |
| 1/8/2017 3:20:00 AM | 278400.000 | 12.762 | 17.684 | 29.089 | 6106.322 | 7098.149 | 3.939 | 4826.742 |
| 163.765 | 1.002 | 14.715 | | | | | | |
| 1/8/2017 3:25:00 AM | 278700.000 | 12.767 | 17.685 | 29.099 | 6105.441 | 7097.086 | 3.938 | 4826.019 |
| 163.788 | 1.002 | 14.718 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 12.759 | 17.684 | 29.081 | 6107.264 | 7099.273 | 3.939 | 4827.506 |
| 163.739 | 1.002 | 14.720 | | | | | | |
| 1/8/2017 3:35:00 AM | 279300.000 | 12.760 | 17.685 | 29.084 | 6107.037 | 7098.940 | 3.939 | 4827.280 |
| 163.746 | 1.002 | 14.716 | | | | | | |
| 1/8/2017 3:40:00 AM | 279600.000 | 12.766 | 17.684 | 29.097 | 6109.135 | 7101.406 | 3.941 | 4828.956 |
| 163.689 | 1.002 | 14.713 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 12.767 | 17.685 | 29.099 | 6109.326 | 7101.602 | 3.941 | 4829.090 |
| 163.684 | 1.002 | 14.709 | | | | | | |
| 1/8/2017 3:50:00 AM | 280200.000 | 12.761 | 17.684 | 29.085 | 6109.175 | 7101.479 | 3.941 | 4829.006 |
| 163.688 | 1.002 | 14.707 | | | | | | |
| 1/8/2017 3:55:00 AM | 280500.000 | 12.767 | 17.684 | 29.099 | 6110.076 | 7102.513 | 3.941 | 4829.709 |
| 163.664 | 1.002 | 14.705 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 12.761 | 17.684 | 29.087 | 6110.710 | 7103.320 | 3.942 | 4830.258 |
| 163.647 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 4:05:00 AM | 281100.000 | 12.763 | 17.684 | 29.091 | 6111.733 | 7104.411 | 3.943 | 4831.000 |
| 163.620 | 1.002 | 14.698 | | | | | | |
| 1/8/2017 4:10:00 AM | 281400.000 | 12.768 | 17.685 | 29.102 | 6111.898 | 7104.535 | 3.943 | 4831.084 |
| 163.615 | 1.002 | 14.692 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 12.765 | 17.684 | 29.095 | 6111.971 | 7104.756 | 3.943 | 4831.234 |
| 163.613 | 1.002 | 14.686 | | | | | | |
| 1/8/2017 4:20:00 AM | 282000.000 | 12.766 | 17.684 | 29.097 | 6111.173 | 7103.817 | 3.942 | 4830.596 |
| 163.635 | 1.002 | 14.693 | | | | | | |
| 1/8/2017 4:25:00 AM | 282300.000 | 12.770 | 17.684 | 29.106 | 6112.827 | 7105.724 | 3.943 | 4831.893 |
| 163.590 | 1.002 | 14.700 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 12.766 | 17.684 | 29.097 | 6112.520 | 7105.367 | 3.943 | 4831.650 |
| 163.599 | 1.002 | 14.707 | | | | | | |
| 1/8/2017 4:35:00 AM | 282900.000 | 12.769 | 17.684 | 29.105 | 6112.564 | 7105.446 | 3.943 | 4831.704 |
| 163.597 | 1.002 | 14.706 | | | | | | |
| 1/8/2017 4:40:00 AM | 283200.000 | 12.764 | 17.685 | 29.092 | 6113.499 | 7106.452 | 3.944 | 4832.388 |
| 163.572 | 1.002 | 14.705 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 12.765 | 17.684 | 29.096 | 6115.040 | 7108.255 | 3.945 | 4833.614 |
| 163.531 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 4:50:00 AM | 283800.000 | 12.764 | 17.684 | 29.094 | 6114.079 | 7107.179 | 3.944 | 4832.882 |
| 163.557 | 1.002 | 14.708 | | | | | | |
| 1/8/2017 4:55:00 AM | 284100.000 | 12.770 | 17.685 | 29.106 | 6114.862 | 7108.036 | 3.945 | 4833.465 |
| 163.536 | 1.002 | 14.711 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/8/2017 5:00:00 AM | 284400.000 | 12.763 | 17.684 | 29.091 | 6114.817 | 7108.054 | 3.945 | 4833.477 |
| 163.537 | 1.002 | 14.714 | | | | | | |
| 1/8/2017 5:05:00 AM | 284700.000 | 12.763 | 17.684 | 29.091 | 6114.720 | 7107.883 | 3.945 | 4833.361 |
| 163.540 | 1.002 | 14.707 | | | | | | |
| 1/8/2017 5:10:00 AM | 285000.000 | 12.755 | 17.684 | 29.073 | 6115.786 | 7109.163 | 3.945 | 4834.231 |
| 163.511 | 1.002 | 14.700 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 12.765 | 17.684 | 29.095 | 6116.028 | 7109.445 | 3.946 | 4834.422 |
| 163.505 | 1.002 | 14.693 | | | | | | |
| 1/8/2017 5:20:00 AM | 285600.000 | 12.762 | 17.684 | 29.089 | 6115.886 | 7109.321 | 3.945 | 4834.339 |
| 163.509 | 1.002 | 14.696 | | | | | | |
| 1/8/2017 5:25:00 AM | 285900.000 | 12.770 | 17.684 | 29.107 | 6116.221 | 7109.697 | 3.946 | 4834.594 |
| 163.500 | 1.002 | 14.699 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 12.772 | 17.684 | 29.111 | 6115.758 | 7109.118 | 3.945 | 4834.200 |
| 163.512 | 1.002 | 14.701 | | | | | | |
| 1/8/2017 5:35:00 AM | 286500.000 | 12.772 | 17.684 | 29.111 | 6116.564 | 7110.068 | 3.946 | 4834.847 |
| 163.490 | 1.002 | 14.700 | | | | | | |
| 1/8/2017 5:40:00 AM | 286800.000 | 12.766 | 17.685 | 29.097 | 6115.921 | 7109.268 | 3.945 | 4834.302 |
| 163.508 | 1.002 | 14.698 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 12.771 | 17.684 | 29.110 | 6115.275 | 7108.557 | 3.945 | 4833.818 |
| 163.525 | 1.002 | 14.696 | | | | | | |
| 1/8/2017 5:50:00 AM | 287400.000 | 12.768 | 17.684 | 29.102 | 6116.271 | 7109.743 | 3.946 | 4834.625 |
| 163.498 | 1.002 | 14.698 | | | | | | |
| 1/8/2017 5:55:00 AM | 287700.000 | 12.767 | 17.684 | 29.101 | 6114.688 | 7107.902 | 3.945 | 4833.374 |
| 163.541 | 1.002 | 14.700 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 12.765 | 17.685 | 29.096 | 6115.220 | 7108.409 | 3.945 | 4833.718 |
| 163.526 | 1.002 | 14.702 | | | | | | |
| 1/8/2017 6:05:00 AM | 288300.000 | 12.769 | 17.684 | 29.104 | 6115.356 | 7108.637 | 3.945 | 4833.874 |
| 163.523 | 1.002 | 14.701 | | | | | | |
| 1/8/2017 6:10:00 AM | 288600.000 | 12.772 | 17.684 | 29.111 | 6113.321 | 7106.314 | 3.944 | 4832.294 |
| 163.577 | 1.002 | 14.700 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 12.775 | 17.684 | 29.118 | 6112.709 | 7105.574 | 3.943 | 4831.791 |
| 163.594 | 1.002 | 14.699 | | | | | | |
| 1/8/2017 6:20:00 AM | 289200.000 | 12.777 | 17.685 | 29.123 | 6111.502 | 7104.131 | 3.942 | 4830.809 |
| 163.626 | 1.002 | 14.702 | | | | | | |
| 1/8/2017 6:25:00 AM | 289500.000 | 12.773 | 17.684 | 29.114 | 6113.153 | 7106.077 | 3.944 | 4832.132 |
| 163.582 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 12.771 | 17.685 | 29.109 | 6111.377 | 7103.971 | 3.942 | 4830.701 |
| 163.629 | 1.002 | 14.707 | | | | | | |
| 1/8/2017 6:35:00 AM | 290100.000 | 12.774 | 17.684 | 29.117 | 6110.965 | 7103.617 | 3.942 | 4830.459 |
| 163.640 | 1.002 | 14.707 | | | | | | |
| 1/8/2017 6:40:00 AM | 290400.000 | 12.775 | 17.685 | 29.118 | 6111.104 | 7103.653 | 3.942 | 4830.484 |
| 163.637 | 1.002 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 12.774 | 17.684 | 29.115 | 6109.511 | 7101.843 | 3.941 | 4829.253 |
| 163.679 | 1.002 | 14.708 | | | | | | |
| 1/8/2017 6:50:00 AM | 291000.000 | 12.773 | 17.685 | 29.114 | 6109.784 | 7102.105 | 3.941 | 4829.432 |
| 163.672 | 1.002 | 14.707 | | | | | | |
| 1/8/2017 6:55:00 AM | 291300.000 | 12.778 | 17.685 | 29.125 | 6109.272 | 7101.539 | 3.941 | 4829.047 |
| 163.686 | 1.002 | 14.706 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 12.774 | 17.684 | 29.116 | 6107.088 | 7099.040 | 3.939 | 4827.347 |
| 163.744 | 1.002 | 14.705 | | | | | | |
| 1/8/2017 7:05:00 AM | 291900.000 | 12.775 | 17.684 | 29.117 | 6105.628 | 7097.315 | 3.938 | 4826.175 |
| 163.783 | 1.002 | 14.705 | | | | | | |
| 1/8/2017 7:10:00 AM | 292200.000 | 12.772 | 17.685 | 29.112 | 6104.754 | 7096.272 | 3.938 | 4825.466 |
| 163.807 | 1.002 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 12.772 | 17.685 | 29.111 | 6103.971 | 7095.320 | 3.937 | 4824.818 |
| 163.828 | 1.002 | 14.705 | | | | | | |
| 1/8/2017 7:20:00 AM | 292800.000 | 12.781 | 17.684 | 29.131 | 6102.970 | 7094.253 | 3.936 | 4824.092 |
| 163.855 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 7:25:00 AM | 293100.000 | 12.783 | 17.684 | 29.136 | 6101.894 | 7092.989 | 3.936 | 4823.232 |
| 163.884 | 1.002 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 12.782 | 17.684 | 29.134 | 6102.427 | 7093.594 | 3.936 | 4823.644 |
| 163.869 | 1.002 | 14.700 | | | | | | |
| 1/8/2017 7:35:00 AM | 293700.000 | 12.777 | 17.684 | 29.122 | 6101.126 | 7092.081 | 3.935 | 4822.616 |
| 163.904 | 1.002 | 14.701 | | | | | | |
| 1/8/2017 7:40:00 AM | 294000.000 | 12.777 | 17.685 | 29.123 | 6098.129 | 7088.572 | 3.933 | 4820.229 |
| 163.985 | 1.002 | 14.702 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 12.776 | 17.684 | 29.120 | 6095.838 | 7085.950 | 3.932 | 4818.446 |
| 164.046 | 1.002 | 14.702 | | | | | | |
| 1/8/2017 7:50:00 AM | 294600.000 | 12.779 | 17.684 | 29.128 | 6096.813 | 7087.096 | 3.932 | 4819.226 |
| 164.020 | 1.002 | 14.702 | | | | | | |
| 1/8/2017 7:55:00 AM | 294900.000 | 12.779 | 17.685 | 29.127 | 6092.759 | 7082.315 | 3.929 | 4815.974 |
| 164.129 | 1.002 | 14.701 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 12.781 | 17.684 | 29.131 | 6092.672 | 7082.254 | 3.929 | 4815.933 |
| 164.132 | 1.002 | 14.700 | | | | | | |
| 1/8/2017 8:05:00 AM | 295500.000 | 12.780 | 17.685 | 29.129 | 6091.084 | 7080.396 | 3.928 | 4814.669 |
| 164.174 | 1.002 | 14.701 | | | | | | |
| 1/8/2017 8:10:00 AM | 295800.000 | 12.783 | 17.685 | 29.136 | 6087.794 | 7076.516 | 3.926 | 4812.031 |
| 164.263 | 1.002 | 14.703 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 12.779 | 17.684 | 29.128 | 6086.221 | 7074.770 | 3.925 | 4810.844 |
| 164.306 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 8:20:00 AM | 296400.000 | 12.784 | 17.685 | 29.138 | 6085.811 | 7074.253 | 3.925 | 4810.493 |
| 164.317 | 1.002 | 14.706 | | | | | | |
| 1/8/2017 8:25:00 AM | 296700.000 | 12.778 | 17.684 | 29.125 | 6082.138 | 7070.024 | 3.922 | 4807.616 |
| 164.416 | 1.002 | 14.707 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 12.781 | 17.685 | 29.133 | 6081.688 | 7069.431 | 3.922 | 4807.213 |
| 164.428 | 1.002 | 14.709 | | | | | | |
| 1/8/2017 8:35:00 AM | 297300.000 | 12.777 | 17.684 | 29.122 | 6079.084 | 7066.459 | 3.920 | 4805.192 |
| 164.498 | 1.002 | 14.710 | | | | | | |
| 1/8/2017 8:40:00 AM | 297600.000 | 12.782 | 17.685 | 29.134 | 6076.973 | 7063.994 | 3.919 | 4803.516 |
| 164.556 | 1.002 | 14.710 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 12.780 | 17.685 | 29.129 | 6077.597 | 7064.719 | 3.919 | 4804.009 |
| 164.539 | 1.002 | 14.711 | | | | | | |
| 1/8/2017 8:50:00 AM | 298200.000 | 12.780 | 17.684 | 29.130 | 6074.141 | 7060.770 | 3.917 | 4801.324 |
| 164.632 | 1.002 | 14.712 | | | | | | |
| 1/8/2017 8:55:00 AM | 298500.000 | 12.779 | 17.685 | 29.128 | 6072.042 | 7058.232 | 3.915 | 4799.598 |
| 164.689 | 1.002 | 14.713 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 12.779 | 17.684 | 29.128 | 6070.484 | 7056.520 | 3.914 | 4798.433 |
| 164.732 | 1.002 | 14.713 | | | | | | |
| 1/8/2017 9:05:00 AM | 299100.000 | 12.782 | 17.685 | 29.134 | 6066.492 | 7051.811 | 3.911 | 4795.232 |
| 164.840 | 1.002 | 14.715 | | | | | | |
| 1/8/2017 9:10:00 AM | 299400.000 | 12.777 | 17.685 | 29.124 | 6066.574 | 7051.877 | 3.911 | 4795.277 |
| 164.838 | 1.002 | 14.717 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 12.776 | 17.684 | 29.120 | 6064.222 | 7049.224 | 3.910 | 4793.472 |
| 164.902 | 1.002 | 14.719 | | | | | | |
| 1/8/2017 9:20:00 AM | 300000.000 | 12.783 | 17.685 | 29.136 | 6064.678 | 7049.673 | 3.910 | 4793.778 |
| 164.889 | 1.002 | 14.718 | | | | | | |
| 1/8/2017 9:25:00 AM | 300300.000 | 12.782 | 17.685 | 29.135 | 6060.468 | 7044.808 | 3.907 | 4790.470 |
| 165.004 | 1.002 | 14.717 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 12.785 | 17.684 | 29.140 | 6059.471 | 7043.660 | 3.906 | 4789.689 |
| 165.031 | 1.002 | 14.717 | | | | | | |
| 1/8/2017 9:35:00 AM | 300900.000 | 12.779 | 17.685 | 29.127 | 6058.415 | 7042.377 | 3.906 | 4788.817 |
| 165.060 | 1.002 | 14.720 | | | | | | |
| 1/8/2017 9:40:00 AM | 301200.000 | 12.777 | 17.685 | 29.123 | 6056.140 | 7039.721 | 3.904 | 4787.011 |
| 165.122 | 1.002 | 14.724 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 12.778 | 17.684 | 29.125 | 6056.886 | 7040.656 | 3.905 | 4787.646 |
| 165.101 | 1.002 | 14.727 | | | | | | |
| 1/8/2017 9:50:00 AM | 301800.000 | 12.773 | 17.684 | 29.114 | 6053.500 | 7036.803 | 3.902 | 4785.026 |
| 165.194 | 1.002 | 14.726 | | | | | | |
| 1/8/2017 9:55:00 AM | 302100.000 | 12.780 | 17.685 | 29.130 | 6051.654 | 7034.519 | 3.901 | 4783.473 |
| 165.244 | 1.002 | 14.725 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 12.783 | 17.685 | 29.136 | 6050.993 | 7033.779 | 3.901 | 4782.970 |
| 165.262 | 1.002 | 14.724 | | | | | | |
| 1/8/2017 10:05:00 AM | 302700.000 | 12.786 | 17.684 | 29.144 | 6051.437 | 7034.350 | 3.901 | 4783.358 |
| 165.250 | 1.002 | 14.724 | | | | | | |
| 1/8/2017 10:10:00 AM | 303000.000 | 12.782 | 17.684 | 29.134 | 6048.065 | 7030.402 | 3.899 | 4780.673 |
| 165.342 | 1.002 | 14.723 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 12.783 | 17.685 | 29.136 | 6046.911 | 7029.049 | 3.898 | 4779.754 |
| 165.374 | 1.002 | 14.723 | | | | | | |
| 1/8/2017 10:20:00 AM | 303600.000 | 12.782 | 17.685 | 29.134 | 6045.345 | 7027.228 | 3.897 | 4778.515 |
| 165.417 | 1.002 | 14.723 | | | | | | |
| 1/8/2017 10:25:00 AM | 303900.000 | 12.784 | 17.684 | 29.140 | 6045.027 | 7026.898 | 3.897 | 4778.291 |
| 165.425 | 1.002 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 12.784 | 17.684 | 29.139 | 6043.433 | 7025.032 | 3.895 | 4777.022 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 165.469 | 1.002 | 14.722 | | | | | | |
| 1/8/2017 10:35:00 AM | 304500.000 | 12.780 | 17.684 | 29.129 | 6042.993 | 7024.506 | 3.895 | 4776.665 |
| 165.481 | 1.002 | 14.722 | | | | | | |
| 1/8/2017 10:40:00 AM | 304800.000 | 12.780 | 17.685 | 29.129 | 6042.308 | 7023.669 | 3.895 | 4776.095 |
| 165.500 | 1.002 | 14.721 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 12.784 | 17.684 | 29.138 | 6039.526 | 7020.476 | 3.893 | 4773.924 |
| 165.576 | 1.002 | 14.720 | | | | | | |
| 1/8/2017 10:50:00 AM | 305400.000 | 12.787 | 17.685 | 29.145 | 6037.383 | 7017.945 | 3.891 | 4772.203 |
| 165.635 | 1.002 | 14.721 | | | | | | |
| 1/8/2017 10:55:00 AM | 305700.000 | 12.784 | 17.684 | 29.140 | 6035.015 | 7015.329 | 3.890 | 4770.424 |
| 165.700 | 1.002 | 14.722 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 12.783 | 17.684 | 29.136 | 6034.774 | 7015.021 | 3.890 | 4770.214 |
| 165.706 | 1.002 | 14.724 | | | | | | |
| 1/8/2017 11:05:00 AM | 306300.000 | 12.787 | 17.684 | 29.146 | 6033.625 | 7013.632 | 3.889 | 4769.270 |
| 165.738 | 1.002 | 14.725 | | | | | | |
| 1/8/2017 11:10:00 AM | 306600.000 | 12.785 | 17.684 | 29.141 | 6032.092 | 7011.875 | 3.888 | 4768.076 |
| 165.780 | 1.002 | 14.727 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 12.782 | 17.685 | 29.135 | 6030.728 | 7010.209 | 3.887 | 4766.942 |
| 165.817 | 1.002 | 14.729 | | | | | | |
| 1/8/2017 11:20:00 AM | 307200.000 | 12.780 | 17.684 | 29.130 | 6030.022 | 7009.428 | 3.886 | 4766.411 |
| 165.837 | 1.002 | 14.724 | | | | | | |
| 1/8/2017 11:25:00 AM | 307500.000 | 12.784 | 17.684 | 29.139 | 6028.792 | 7008.054 | 3.885 | 4765.477 |
| 165.871 | 1.002 | 14.720 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 12.784 | 17.685 | 29.138 | 6028.991 | 7008.135 | 3.885 | 4765.533 |
| 165.865 | 1.002 | 14.715 | | | | | | |
| 1/8/2017 11:35:00 AM | 308100.000 | 12.787 | 17.685 | 29.146 | 6027.625 | 7006.631 | 3.885 | 4764.510 |
| 165.903 | 1.002 | 14.710 | | | | | | |
| 1/8/2017 11:40:00 AM | 308400.000 | 12.794 | 17.684 | 29.161 | 6026.725 | 7005.610 | 3.884 | 4763.815 |
| 165.928 | 1.002 | 14.705 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 12.794 | 17.685 | 29.161 | 6025.406 | 7004.023 | 3.883 | 4762.736 |
| 165.964 | 1.002 | 14.700 | | | | | | |
| 1/8/2017 11:50:00 AM | 309000.000 | 12.783 | 17.685 | 29.136 | 6023.882 | 7002.280 | 3.882 | 4761.550 |
| 166.006 | 1.002 | 14.703 | | | | | | |
| 1/8/2017 11:55:00 AM | 309300.000 | 12.785 | 17.684 | 29.142 | 6024.107 | 7002.581 | 3.882 | 4761.755 |
| 166.000 | 1.002 | 14.706 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 12.779 | 17.684 | 29.128 | 6023.416 | 7001.777 | 3.882 | 4761.208 |
| 166.019 | 1.002 | 14.709 | | | | | | |
| 1/8/2017 12:05:00 PM | 309900.000 | 12.779 | 17.684 | 29.127 | 6021.203 | 6999.245 | 3.880 | 4759.487 |
| 166.080 | 1.002 | 14.709 | | | | | | |
| 1/8/2017 12:10:00 PM | 310200.000 | 12.784 | 17.685 | 29.138 | 6020.550 | 6998.392 | 3.880 | 4758.907 |
| 166.098 | 1.002 | 14.710 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 12.777 | 17.684 | 29.122 | 6021.828 | 6999.944 | 3.881 | 4759.962 |
| 166.063 | 1.002 | 14.710 | | | | | | |
| 1/8/2017 12:20:00 PM | 310800.000 | 12.780 | 17.685 | 29.129 | 6018.633 | 6996.178 | 3.878 | 4757.401 |
| 166.151 | 1.002 | 14.707 | | | | | | |
| 1/8/2017 12:25:00 PM | 311100.000 | 12.782 | 17.685 | 29.134 | 6017.890 | 6995.314 | 3.878 | 4756.813 |
| 166.171 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 12.779 | 17.685 | 29.127 | 6018.314 | 6995.808 | 3.878 | 4757.150 |
| 166.159 | 1.002 | 14.701 | | | | | | |
| 1/8/2017 12:35:00 PM | 311700.000 | 12.778 | 17.684 | 29.125 | 6015.151 | 6992.156 | 3.876 | 4754.667 |
| 166.247 | 1.002 | 14.700 | | | | | | |
| 1/8/2017 12:40:00 PM | 312000.000 | 12.780 | 17.684 | 29.129 | 6015.209 | 6992.238 | 3.876 | 4754.722 |
| 166.245 | 1.002 | 14.698 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 12.784 | 17.684 | 29.138 | 6013.886 | 6990.671 | 3.875 | 4753.657 |
| 166.282 | 1.002 | 14.697 | | | | | | |
| 1/8/2017 12:50:00 PM | 312600.000 | 12.787 | 17.684 | 29.145 | 6012.035 | 6988.520 | 3.874 | 4752.193 |
| 166.333 | 1.002 | 14.698 | | | | | | |
| 1/8/2017 12:55:00 PM | 312900.000 | 12.779 | 17.684 | 29.127 | 6011.513 | 6987.913 | 3.873 | 4751.781 |
| 166.347 | 1.002 | 14.699 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 12.783 | 17.685 | 29.136 | 6010.439 | 6986.639 | 3.873 | 4750.915 |
| 166.377 | 1.002 | 14.701 | | | | | | |
| 1/8/2017 1:05:00 PM | 313500.000 | 12.787 | 17.684 | 29.145 | 6008.489 | 6984.438 | 3.871 | 4749.419 |
| 166.431 | 1.002 | 14.697 | | | | | | |
| 1/8/2017 1:10:00 PM | 313800.000 | 12.789 | 17.685 | 29.149 | 6008.116 | 6983.953 | 3.871 | 4749.088 |
| 166.442 | 1.002 | 14.694 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 12.789 | 17.684 | 29.150 | 6008.223 | 6984.116 | 3.871 | 4749.199 |
| 166.439 | 1.002 | 14.690 | | | | | | |
| 1/8/2017 1:20:00 PM | 314400.000 | 12.796 | 17.684 | 29.166 | 6005.838 | 6981.331 | 3.870 | 4747.305 |
| 166.505 | 1.002 | 14.690 | | | | | | |
| 1/8/2017 1:25:00 PM | 314700.000 | 12.795 | 17.685 | 29.163 | 6007.854 | 6983.605 | 3.871 | 4748.852 |
| 166.449 | 1.002 | 14.689 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 12.794 | 17.685 | 29.162 | 6007.584 | 6983.320 | 3.871 | 4748.658 |
| 166.456 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 1:35:00 PM | 315300.000 | 12.789 | 17.684 | 29.150 | 6003.838 | 6979.006 | 3.868 | 4745.724 |
| 166.560 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 1:40:00 PM | 315600.000 | 12.789 | 17.684 | 29.150 | 6005.021 | 6980.394 | 3.869 | 4746.668 |
| 166.527 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 12.785 | 17.684 | 29.141 | 6002.998 | 6978.015 | 3.868 | 4745.050 |
| 166.583 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 1:50:00 PM | 316200.000 | 12.786 | 17.684 | 29.142 | 6001.047 | 6975.748 | 3.866 | 4743.508 |
| 166.638 | 1.002 | 14.686 | | | | | | |
| 1/8/2017 1:55:00 PM | 316500.000 | 12.789 | 17.685 | 29.151 | 6000.474 | 6975.000 | 3.866 | 4743.000 |
| 166.654 | 1.002 | 14.684 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 12.791 | 17.685 | 29.154 | 6000.485 | 6975.069 | 3.866 | 4743.047 |
| 166.653 | 1.002 | 14.683 | | | | | | |
| 1/8/2017 2:05:00 PM | 317100.000 | 12.790 | 17.685 | 29.153 | 5999.729 | 6974.189 | 3.865 | 4742.449 |
| 166.674 | 1.002 | 14.681 | | | | | | |
| 1/8/2017 2:10:00 PM | 317400.000 | 12.788 | 17.685 | 29.148 | 5999.273 | 6973.630 | 3.865 | 4742.069 |
| 166.687 | 1.002 | 14.678 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 12.793 | 17.684 | 29.160 | 5997.824 | 6972.000 | 3.864 | 4740.960 |
| 166.727 | 1.002 | 14.676 | | | | | | |
| 1/8/2017 2:20:00 PM | 318000.000 | 12.788 | 17.685 | 29.148 | 5997.343 | 6971.402 | 3.864 | 4740.554 |
| 166.740 | 1.002 | 14.679 | | | | | | |
| 1/8/2017 2:25:00 PM | 318300.000 | 12.789 | 17.685 | 29.150 | 5997.036 | 6971.073 | 3.863 | 4740.330 |
| 166.749 | 1.002 | 14.682 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 12.782 | 17.684 | 29.135 | 5996.941 | 6971.015 | 3.863 | 4740.290 |
| 166.752 | 1.002 | 14.685 | | | | | | |
| 1/8/2017 2:35:00 PM | 318900.000 | 12.780 | 17.684 | 29.130 | 5996.290 | 6970.245 | 3.863 | 4739.767 |
| 166.770 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 2:40:00 PM | 319200.000 | 12.785 | 17.685 | 29.141 | 5997.248 | 6971.319 | 3.864 | 4740.497 |
| 166.743 | 1.002 | 14.691 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 12.786 | 17.685 | 29.144 | 5997.066 | 6971.053 | 3.863 | 4740.316 |
| 166.748 | 1.002 | 14.694 | | | | | | |
| 1/8/2017 2:50:00 PM | 319800.000 | 12.788 | 17.685 | 29.147 | 5995.949 | 6969.810 | 3.863 | 4739.471 |
| 166.779 | 1.002 | 14.691 | | | | | | |
| 1/8/2017 2:55:00 PM | 320100.000 | 12.784 | 17.685 | 29.139 | 5995.938 | 6969.754 | 3.863 | 4739.433 |
| 166.780 | 1.002 | 14.687 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 12.792 | 17.684 | 29.156 | 5995.086 | 6968.818 | 3.862 | 4738.797 |
| 166.803 | 1.002 | 14.684 | | | | | | |
| 1/8/2017 3:05:00 PM | 320700.000 | 12.791 | 17.685 | 29.154 | 5996.047 | 6969.909 | 3.863 | 4739.538 |
| 166.777 | 1.002 | 14.685 | | | | | | |
| 1/8/2017 3:10:00 PM | 321000.000 | 12.788 | 17.684 | 29.147 | 5998.217 | 6972.458 | 3.864 | 4741.271 |
| 166.716 | 1.002 | 14.686 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 12.786 | 17.684 | 29.144 | 5996.002 | 6969.910 | 3.863 | 4739.539 |
| 166.778 | 1.002 | 14.686 | | | | | | |
| 1/8/2017 3:20:00 PM | 321600.000 | 12.786 | 17.685 | 29.144 | 5996.001 | 6969.871 | 3.863 | 4739.512 |
| 166.778 | 1.002 | 14.685 | | | | | | |
| 1/8/2017 3:25:00 PM | 321900.000 | 12.786 | 17.684 | 29.143 | 5996.055 | 6970.026 | 3.863 | 4739.618 |
| 166.776 | 1.002 | 14.684 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 12.794 | 17.684 | 29.160 | 5996.292 | 6970.234 | 3.863 | 4739.759 |
| 166.770 | 1.002 | 14.683 | | | | | | |
| 1/8/2017 3:35:00 PM | 322500.000 | 12.792 | 17.684 | 29.158 | 5996.502 | 6970.464 | 3.863 | 4739.916 |
| 166.764 | 1.002 | 14.685 | | | | | | |
| 1/8/2017 3:40:00 PM | 322800.000 | 12.796 | 17.685 | 29.166 | 5998.026 | 6972.180 | 3.864 | 4741.083 |
| 166.722 | 1.002 | 14.687 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 12.795 | 17.685 | 29.163 | 5996.397 | 6970.317 | 3.863 | 4739.816 |
| 166.767 | 1.002 | 14.689 | | | | | | |
| 1/8/2017 3:50:00 PM | 323400.000 | 12.789 | 17.684 | 29.150 | 6000.293 | 6974.885 | 3.866 | 4742.922 |
| 166.659 | 1.002 | 14.690 | | | | | | |
| 1/8/2017 3:55:00 PM | 323700.000 | 12.784 | 17.685 | 29.140 | 5998.848 | 6973.179 | 3.865 | 4741.762 |
| 166.699 | 1.002 | 14.690 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 12.786 | 17.684 | 29.142 | 5997.206 | 6971.297 | 3.864 | 4740.482 |
| 166.744 | 1.002 | 14.691 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/8/2017 4:05:00 PM | 324300.000 | 12.788 | 17.685 | 29.147 | 5997.429 | 6971.516 | 3.864 | 4740.631 |
| 166.738 | 1.002 | 14.692 | | | | | | |
| 1/8/2017 4:10:00 PM | 324600.000 | 12.786 | 17.685 | 29.143 | 5997.343 | 6971.402 | 3.864 | 4740.554 |
| 166.740 | 1.002 | 14.693 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 12.786 | 17.685 | 29.142 | 5997.917 | 6972.097 | 3.864 | 4741.026 |
| 166.725 | 1.002 | 14.695 | | | | | | |
| 1/8/2017 4:20:00 PM | 325200.000 | 12.787 | 17.684 | 29.146 | 5999.973 | 6974.513 | 3.866 | 4742.668 |
| 166.667 | 1.002 | 14.692 | | | | | | |
| 1/8/2017 4:25:00 PM | 325500.000 | 12.787 | 17.684 | 29.145 | 5997.515 | 6971.697 | 3.864 | 4740.754 |
| 166.736 | 1.002 | 14.689 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 12.785 | 17.685 | 29.141 | 5998.377 | 6972.632 | 3.864 | 4741.390 |
| 166.712 | 1.002 | 14.686 | | | | | | |
| 1/8/2017 4:35:00 PM | 326100.000 | 12.786 | 17.685 | 29.143 | 5997.685 | 6971.772 | 3.864 | 4740.806 |
| 166.731 | 1.002 | 14.685 | | | | | | |
| 1/8/2017 4:40:00 PM | 326400.000 | 12.790 | 17.684 | 29.152 | 5997.792 | 6971.963 | 3.864 | 4740.936 |
| 166.728 | 1.002 | 14.685 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 12.786 | 17.684 | 29.144 | 5998.421 | 6972.694 | 3.864 | 4741.432 |
| 166.711 | 1.002 | 14.684 | | | | | | |
| 1/8/2017 4:50:00 PM | 327000.000 | 12.787 | 17.684 | 29.146 | 5998.783 | 6973.130 | 3.865 | 4741.729 |
| 166.700 | 1.002 | 14.685 | | | | | | |
| 1/8/2017 4:55:00 PM | 327300.000 | 12.788 | 17.685 | 29.148 | 5997.174 | 6971.219 | 3.864 | 4740.429 |
| 166.745 | 1.002 | 14.686 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 12.792 | 17.684 | 29.156 | 5998.313 | 6972.569 | 3.864 | 4741.347 |
| 166.714 | 1.002 | 14.687 | | | | | | |
| 1/8/2017 5:05:00 PM | 327900.000 | 12.787 | 17.685 | 29.146 | 5998.791 | 6973.070 | 3.865 | 4741.688 |
| 166.700 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 5:10:00 PM | 328200.000 | 12.793 | 17.685 | 29.159 | 5997.878 | 6972.052 | 3.864 | 4740.996 |
| 166.726 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 12.794 | 17.684 | 29.162 | 5997.492 | 6971.682 | 3.864 | 4740.745 |
| 166.736 | 1.002 | 14.689 | | | | | | |
| 1/8/2017 5:20:00 PM | 328800.000 | 12.792 | 17.685 | 29.157 | 5999.092 | 6973.463 | 3.865 | 4741.955 |
| 166.692 | 1.002 | 14.690 | | | | | | |
| 1/8/2017 5:25:00 PM | 329100.000 | 12.784 | 17.685 | 29.140 | 5997.945 | 6972.130 | 3.864 | 4741.049 |
| 166.724 | 1.002 | 14.692 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 12.784 | 17.684 | 29.139 | 5997.600 | 6971.754 | 3.864 | 4740.793 |
| 166.733 | 1.002 | 14.693 | | | | | | |
| 1/8/2017 5:35:00 PM | 329700.000 | 12.792 | 17.685 | 29.158 | 5998.153 | 6972.372 | 3.864 | 4741.213 |
| 166.718 | 1.002 | 14.691 | | | | | | |
| 1/8/2017 5:40:00 PM | 330000.000 | 12.794 | 17.684 | 29.162 | 5999.788 | 6974.351 | 3.865 | 4742.559 |
| 166.673 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 12.798 | 17.684 | 29.170 | 5999.906 | 6974.420 | 3.865 | 4742.606 |
| 166.669 | 1.002 | 14.686 | | | | | | |
| 1/8/2017 5:50:00 PM | 330600.000 | 12.797 | 17.685 | 29.169 | 5998.771 | 6973.007 | 3.865 | 4741.646 |
| 166.701 | 1.002 | 14.687 | | | | | | |
| 1/8/2017 5:55:00 PM | 330900.000 | 12.791 | 17.684 | 29.155 | 5999.063 | 6973.497 | 3.865 | 4741.978 |
| 166.693 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 12.788 | 17.685 | 29.148 | 5997.570 | 6971.611 | 3.864 | 4740.695 |
| 166.734 | 1.002 | 14.689 | | | | | | |
| 1/8/2017 6:05:00 PM | 331500.000 | 12.791 | 17.685 | 29.154 | 5997.572 | 6971.696 | 3.864 | 4740.753 |
| 166.734 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 6:10:00 PM | 331800.000 | 12.790 | 17.685 | 29.153 | 5998.613 | 6972.907 | 3.865 | 4741.577 |
| 166.705 | 1.002 | 14.688 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 12.792 | 17.685 | 29.157 | 5997.230 | 6971.255 | 3.864 | 4740.454 |
| 166.744 | 1.002 | 14.687 | | | | | | |
| 1/8/2017 6:20:00 PM | 332400.000 | 12.795 | 17.684 | 29.163 | 5998.384 | 6972.692 | 3.864 | 4741.431 |
| 166.712 | 1.002 | 14.690 | | | | | | |
| 1/8/2017 6:25:00 PM | 332700.000 | 12.790 | 17.685 | 29.152 | 5997.047 | 6971.072 | 3.863 | 4740.329 |
| 166.749 | 1.002 | 14.693 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 12.790 | 17.684 | 29.152 | 5997.019 | 6971.121 | 3.863 | 4740.363 |
| 166.750 | 1.002 | 14.696 | | | | | | |
| 1/8/2017 6:35:00 PM | 333300.000 | 12.789 | 17.685 | 29.149 | 5997.967 | 6972.141 | 3.864 | 4741.057 |
| 166.723 | 1.002 | 14.698 | | | | | | |
| 1/8/2017 6:40:00 PM | 333600.000 | 12.792 | 17.685 | 29.158 | 5997.684 | 6971.813 | 3.864 | 4740.833 |
| 166.731 | 1.002 | 14.701 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 12.786 | 17.685 | 29.142 | 5997.472 | 6971.524 | 3.864 | 4740.637 |
| 166.737 | 1.002 | 14.703 | | | | | | |
| 1/8/2017 6:50:00 PM | 334200.000 | 12.787 | 17.685 | 29.146 | 5996.458 | 6970.401 | 3.863 | 4739.873 |
| 166.765 | 1.002 | 14.703 | | | | | | |
| 1/8/2017 6:55:00 PM | 334500.000 | 12.787 | 17.685 | 29.145 | 5997.687 | 6971.774 | 3.864 | 4740.807 |
| 166.731 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 12.786 | 17.684 | 29.144 | 5999.562 | 6974.036 | 3.865 | 4742.344 |
| 166.679 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 7:05:00 PM | 335100.000 | 12.789 | 17.684 | 29.150 | 5996.802 | 6970.828 | 3.863 | 4740.163 |
| 166.756 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 7:10:00 PM | 335400.000 | 12.793 | 17.684 | 29.160 | 5997.290 | 6971.379 | 3.864 | 4740.538 |
| 166.742 | 1.002 | 14.703 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 12.796 | 17.685 | 29.166 | 5997.036 | 6971.059 | 3.863 | 4740.320 |
| 166.749 | 1.002 | 14.702 | | | | | | |
| 1/8/2017 7:20:00 PM | 336000.000 | 12.795 | 17.685 | 29.165 | 5999.059 | 6973.425 | 3.865 | 4741.929 |
| 166.693 | 1.002 | 14.703 | | | | | | |
| 1/8/2017 7:25:00 PM | 336300.000 | 12.795 | 17.685 | 29.165 | 5998.324 | 6972.571 | 3.864 | 4741.348 |
| 166.713 | 1.002 | 14.703 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 12.796 | 17.684 | 29.167 | 5998.320 | 6972.618 | 3.864 | 4741.380 |
| 166.713 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 7:35:00 PM | 336900.000 | 12.790 | 17.685 | 29.153 | 5999.967 | 6974.480 | 3.865 | 4742.646 |
| 166.668 | 1.002 | 14.706 | | | | | | |
| 1/8/2017 7:40:00 PM | 337200.000 | 12.792 | 17.685 | 29.156 | 5999.219 | 6973.596 | 3.865 | 4742.045 |
| 166.688 | 1.002 | 14.709 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 12.792 | 17.685 | 29.156 | 6000.677 | 6975.306 | 3.866 | 4743.208 |
| 166.648 | 1.002 | 14.711 | | | | | | |
| 1/8/2017 7:50:00 PM | 337800.000 | 12.791 | 17.684 | 29.154 | 5999.537 | 6974.020 | 3.865 | 4742.334 |
| 166.680 | 1.002 | 14.708 | | | | | | |
| 1/8/2017 7:55:00 PM | 338100.000 | 12.799 | 17.684 | 29.173 | 6000.026 | 6974.575 | 3.866 | 4742.711 |
| 166.666 | 1.002 | 14.705 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 12.797 | 17.684 | 29.168 | 6000.047 | 6974.599 | 3.866 | 4742.728 |
| 166.665 | 1.002 | 14.702 | | | | | | |
| 1/8/2017 8:05:00 PM | 338700.000 | 12.795 | 17.685 | 29.163 | 5999.781 | 6974.236 | 3.865 | 4742.481 |
| 166.673 | 1.002 | 14.703 | | | | | | |
| 1/8/2017 8:10:00 PM | 339000.000 | 12.795 | 17.685 | 29.164 | 6000.548 | 6975.155 | 3.866 | 4743.106 |
| 166.651 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 12.794 | 17.684 | 29.160 | 6000.613 | 6975.243 | 3.866 | 4743.166 |
| 166.650 | 1.002 | 14.705 | | | | | | |
| 1/8/2017 8:20:00 PM | 339600.000 | 12.800 | 17.685 | 29.174 | 6002.328 | 6977.210 | 3.867 | 4744.503 |
| 166.602 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 8:25:00 PM | 339900.000 | 12.793 | 17.684 | 29.158 | 6002.389 | 6977.307 | 3.867 | 4744.568 |
| 166.600 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 12.797 | 17.685 | 29.169 | 6002.954 | 6977.909 | 3.868 | 4744.979 |
| 166.585 | 1.002 | 14.703 | | | | | | |
| 1/8/2017 8:35:00 PM | 340500.000 | 12.794 | 17.684 | 29.160 | 6004.625 | 6979.906 | 3.869 | 4746.336 |
| 166.538 | 1.002 | 14.704 | | | | | | |
| 1/8/2017 8:40:00 PM | 340800.000 | 12.795 | 17.684 | 29.163 | 6002.890 | 6977.971 | 3.868 | 4745.021 |
| 166.586 | 1.002 | 14.705 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 12.800 | 17.684 | 29.175 | 6002.242 | 6977.137 | 3.867 | 4744.454 |
| 166.604 | 1.002 | 14.706 | | | | | | |
| 1/8/2017 8:50:00 PM | 341400.000 | 12.799 | 17.684 | 29.173 | 6003.881 | 6979.042 | 3.868 | 4745.748 |
| 166.559 | 1.002 | 14.707 | | | | | | |
| 1/8/2017 8:55:00 PM | 341700.000 | 12.799 | 17.684 | 29.172 | 6004.765 | 6980.109 | 3.869 | 4746.475 |
| 166.534 | 1.002 | 14.708 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 12.798 | 17.685 | 29.172 | 6003.711 | 6978.819 | 3.868 | 4745.597 |
| 166.564 | 1.002 | 14.710 | | | | | | |
| 1/8/2017 9:05:00 PM | 342300.000 | 12.799 | 17.685 | 29.173 | 6003.561 | 6978.629 | 3.868 | 4745.469 |
| 166.568 | 1.002 | 14.711 | | | | | | |
| 1/8/2017 9:10:00 PM | 342600.000 | 12.794 | 17.684 | 29.161 | 6003.422 | 6978.522 | 3.868 | 4745.396 |
| 166.572 | 1.002 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 12.792 | 17.685 | 29.157 | 6002.814 | 6977.734 | 3.867 | 4744.860 |
| 166.589 | 1.002 | 14.715 | | | | | | |
| 1/8/2017 9:20:00 PM | 343200.000 | 12.796 | 17.684 | 29.166 | 6004.232 | 6979.449 | 3.868 | 4746.025 |
| 166.549 | 1.002 | 14.715 | | | | | | |
| 1/8/2017 9:25:00 PM | 343500.000 | 12.792 | 17.684 | 29.157 | 6003.350 | 6978.506 | 3.868 | 4745.385 |
| 166.574 | 1.002 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 12.792 | 17.685 | 29.157 | 6005.094 | 6980.412 | 3.869 | 4746.680 |
| 166.525 | 1.002 | 14.714 | | | | | | |
| 1/8/2017 9:35:00 PM | 344100.000 | 12.798 | 17.685 | 29.170 | 6003.561 | 6978.614 | 3.868 | 4745.458 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 166.568 | 1.002 | 14.716 | | | | | | |
| 1/8/2017 9:40:00 PM | 344400.000 | 12.798 | 17.684 | 29.171 | 6005.904 | 6981.393 | 3.870 | 4747.347 |
| 166.503 | 1.002 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 12.794 | 17.685 | 29.161 | 6003.304 | 6978.316 | 3.868 | 4745.255 |
| 166.575 | 1.002 | 14.718 | | | | | | |
| 1/8/2017 9:50:00 PM | 345000.000 | 12.792 | 17.685 | 29.157 | 6003.327 | 6978.358 | 3.868 | 4745.284 |
| 166.574 | 1.002 | 14.718 | | | | | | |
| 1/8/2017 9:55:00 PM | 345300.000 | 12.791 | 17.685 | 29.155 | 6003.596 | 6978.698 | 3.868 | 4745.515 |
| 166.567 | 1.002 | 14.717 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 12.792 | 17.685 | 29.158 | 6005.863 | 6981.278 | 3.870 | 4747.270 |
| 166.504 | 1.002 | 14.717 | | | | | | |
| 1/8/2017 10:05:00 PM | 345900.000 | 12.793 | 17.684 | 29.159 | 6003.041 | 6978.065 | 3.868 | 4745.084 |
| 166.582 | 1.002 | 14.717 | | | | | | |
| 1/8/2017 10:10:00 PM | 346200.000 | 12.794 | 17.684 | 29.161 | 6003.477 | 6978.572 | 3.868 | 4745.429 |
| 166.570 | 1.002 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 12.794 | 17.685 | 29.162 | 6003.891 | 6978.998 | 3.868 | 4745.718 |
| 166.559 | 1.002 | 14.717 | | | | | | |
| 1/8/2017 10:20:00 PM | 346800.000 | 12.792 | 17.684 | 29.158 | 6004.959 | 6980.294 | 3.869 | 4746.600 |
| 166.529 | 1.002 | 14.719 | | | | | | |
| 1/8/2017 10:25:00 PM | 347100.000 | 12.792 | 17.684 | 29.156 | 6006.362 | 6981.940 | 3.870 | 4747.720 |
| 166.490 | 1.002 | 14.720 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 12.796 | 17.685 | 29.167 | 6002.888 | 6977.833 | 3.867 | 4744.926 |
| 166.586 | 1.002 | 14.722 | | | | | | |
| 1/8/2017 10:35:00 PM | 347700.000 | 12.797 | 17.685 | 29.168 | 6003.847 | 6978.935 | 3.868 | 4745.676 |
| 166.560 | 1.002 | 14.720 | | | | | | |
| 1/8/2017 10:40:00 PM | 348000.000 | 12.795 | 17.685 | 29.163 | 6003.923 | 6979.065 | 3.868 | 4745.764 |
| 166.558 | 1.002 | 14.718 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 12.803 | 17.684 | 29.182 | 6004.775 | 6980.149 | 3.869 | 4746.502 |
| 166.534 | 1.002 | 14.716 | | | | | | |
| 1/8/2017 10:50:00 PM | 348600.000 | 12.798 | 17.685 | 29.171 | 6004.125 | 6979.285 | 3.868 | 4745.915 |
| 166.552 | 1.002 | 14.717 | | | | | | |
| 1/8/2017 10:55:00 PM | 348900.000 | 12.802 | 17.685 | 29.181 | 6004.699 | 6979.898 | 3.869 | 4746.331 |
| 166.536 | 1.002 | 14.718 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 12.801 | 17.684 | 29.178 | 6003.762 | 6978.903 | 3.868 | 4745.655 |
| 166.562 | 1.002 | 14.719 | | | | | | |
| 1/8/2017 11:05:00 PM | 349500.000 | 12.799 | 17.685 | 29.172 | 6006.720 | 6982.315 | 3.870 | 4747.975 |
| 166.480 | 1.002 | 14.719 | | | | | | |
| 1/8/2017 11:10:00 PM | 349800.000 | 12.800 | 17.684 | 29.174 | 6005.596 | 6981.091 | 3.869 | 4747.142 |
| 166.511 | 1.002 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 12.799 | 17.685 | 29.172 | 6005.360 | 6980.721 | 3.869 | 4746.891 |
| 166.518 | 1.002 | 14.719 | | | | | | |
| 1/8/2017 11:20:00 PM | 350400.000 | 12.802 | 17.685 | 29.180 | 6007.181 | 6982.866 | 3.870 | 4748.349 |
| 166.467 | 1.002 | 14.721 | | | | | | |
| 1/8/2017 11:25:00 PM | 350700.000 | 12.797 | 17.684 | 29.167 | 6005.636 | 6981.081 | 3.869 | 4747.136 |
| 166.510 | 1.002 | 14.723 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 12.799 | 17.685 | 29.172 | 6005.287 | 6980.636 | 3.869 | 4746.833 |
| 166.520 | 1.002 | 14.725 | | | | | | |
| 1/8/2017 11:35:00 PM | 351300.000 | 12.798 | 17.684 | 29.172 | 6005.542 | 6980.972 | 3.869 | 4747.061 |
| 166.513 | 1.002 | 14.726 | | | | | | |
| 1/8/2017 11:40:00 PM | 351600.000 | 12.798 | 17.685 | 29.170 | 6005.548 | 6980.968 | 3.869 | 4747.059 |
| 166.513 | 1.002 | 14.727 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 12.794 | 17.685 | 29.161 | 6005.913 | 6981.392 | 3.870 | 4747.346 |
| 166.503 | 1.002 | 14.728 | | | | | | |
| 1/8/2017 11:50:00 PM | 352200.000 | 12.798 | 17.684 | 29.171 | 6007.011 | 6982.707 | 3.870 | 4748.241 |
| 166.472 | 1.002 | 14.730 | | | | | | |
| 1/8/2017 11:55:00 PM | 352500.000 | 12.793 | 17.685 | 29.160 | 6007.146 | 6982.812 | 3.870 | 4748.313 |
| 166.468 | 1.002 | 14.732 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 12.797 | 17.684 | 29.168 | 6005.456 | 6980.872 | 3.869 | 4746.993 |
| 166.515 | 1.002 | 14.733 | | | | | | |
| 1/9/2017 12:05:00 AM | 353100.000 | 12.796 | 17.684 | 29.165 | 6005.816 | 6981.291 | 3.870 | 4747.278 |
| 166.505 | 1.002 | 14.732 | | | | | | |
| 1/9/2017 12:10:00 AM | 353400.000 | 12.802 | 17.685 | 29.179 | 6005.454 | 6980.858 | 3.869 | 4746.984 |
| 166.515 | 1.002 | 14.730 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 12.804 | 17.684 | 29.184 | 6006.840 | 6982.538 | 3.870 | 4748.125 |
| 166.477 | 1.002 | 14.728 | | | | | | |
| 1/9/2017 12:20:00 AM | 354000.000 | 12.800 | 17.684 | 29.175 | 6005.712 | 6981.197 | 3.869 | 4747.215 |
| 166.508 | 1.002 | 14.728 | | | | | | |
| 1/9/2017 12:25:00 AM | 354300.000 | 12.803 | 17.684 | 29.182 | 6006.459 | 6982.039 | 3.870 | 4747.787 |
| 166.487 | 1.002 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 12.803 | 17.685 | 29.183 | 6005.210 | 6980.561 | 3.869 | 4746.781 |
| 166.522 | 1.002 | 14.727 | | | | | | |
| 1/9/2017 12:35:00 AM | 354900.000 | 12.803 | 17.684 | 29.183 | 6005.731 | 6981.233 | 3.869 | 4747.239 |
| 166.508 | 1.002 | 14.725 | | | | | | |
| 1/9/2017 12:40:00 AM | 355200.000 | 12.805 | 17.684 | 29.187 | 6005.773 | 6981.241 | 3.869 | 4747.244 |
| 166.506 | 1.002 | 14.722 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 12.800 | 17.685 | 29.176 | 6006.093 | 6981.601 | 3.870 | 4747.489 |
| 166.498 | 1.002 | 14.720 | | | | | | |
| 1/9/2017 12:50:00 AM | 355800.000 | 12.805 | 17.685 | 29.186 | 6004.645 | 6979.835 | 3.869 | 4746.288 |
| 166.538 | 1.002 | 14.720 | | | | | | |
| 1/9/2017 12:55:00 AM | 356100.000 | 12.799 | 17.685 | 29.173 | 6005.861 | 6981.332 | 3.870 | 4747.306 |
| 166.504 | 1.002 | 14.721 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 12.798 | 17.685 | 29.170 | 6004.830 | 6980.132 | 3.869 | 4746.490 |
| 166.533 | 1.002 | 14.721 | | | | | | |
| 1/9/2017 1:05:00 AM | 356700.000 | 12.801 | 17.684 | 29.178 | 6004.307 | 6979.592 | 3.869 | 4746.124 |
| 166.547 | 1.002 | 14.721 | | | | | | |
| 1/9/2017 1:10:00 AM | 357000.000 | 12.799 | 17.684 | 29.173 | 6004.297 | 6979.553 | 3.868 | 4746.097 |
| 166.547 | 1.002 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 12.800 | 17.684 | 29.176 | 6005.463 | 6980.908 | 3.869 | 4747.018 |
| 166.515 | 1.002 | 14.721 | | | | | | |
| 1/9/2017 1:20:00 AM | 357600.000 | 12.800 | 17.685 | 29.175 | 6006.520 | 6982.027 | 3.870 | 4747.779 |
| 166.486 | 1.002 | 14.721 | | | | | | |
| 1/9/2017 1:25:00 AM | 357900.000 | 12.801 | 17.685 | 29.178 | 6005.627 | 6981.031 | 3.869 | 4747.101 |
| 166.511 | 1.002 | 14.722 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 12.801 | 17.685 | 29.178 | 6004.484 | 6979.731 | 3.869 | 4746.218 |
| 166.542 | 1.002 | 14.722 | | | | | | |
| 1/9/2017 1:35:00 AM | 358500.000 | 12.800 | 17.685 | 29.174 | 6006.083 | 6981.589 | 3.870 | 4747.481 |
| 166.498 | 1.002 | 14.718 | | | | | | |
| 1/9/2017 1:40:00 AM | 358800.000 | 12.809 | 17.684 | 29.195 | 6004.479 | 6979.736 | 3.869 | 4746.221 |
| 166.542 | 1.002 | 14.714 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 12.809 | 17.685 | 29.195 | 6005.180 | 6980.496 | 3.869 | 4746.737 |
| 166.523 | 1.002 | 14.710 | | | | | | |
| 1/9/2017 1:50:00 AM | 359400.000 | 12.811 | 17.685 | 29.200 | 6006.095 | 6981.603 | 3.870 | 4747.490 |
| 166.498 | 1.002 | 14.714 | | | | | | |
| 1/9/2017 1:55:00 AM | 359700.000 | 12.807 | 17.684 | 29.191 | 6006.018 | 6981.553 | 3.870 | 4747.456 |
| 166.500 | 1.002 | 14.718 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 12.805 | 17.685 | 29.186 | 6006.725 | 6982.335 | 3.870 | 4747.989 |
| 166.480 | 1.002 | 14.722 | | | | | | |
| 1/9/2017 2:05:00 AM | 360300.000 | 12.800 | 17.684 | 29.176 | 6007.170 | 6982.865 | 3.870 | 4748.348 |
| 166.468 | 1.002 | 14.723 | | | | | | |
| 1/9/2017 2:10:00 AM | 360600.000 | 12.802 | 17.685 | 29.180 | 6009.426 | 6985.462 | 3.872 | 4750.114 |
| 166.405 | 1.002 | 14.723 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 12.803 | 17.684 | 29.181 | 6008.189 | 6984.090 | 3.871 | 4749.182 |
| 166.439 | 1.002 | 14.723 | | | | | | |
| 1/9/2017 2:20:00 AM | 361200.000 | 12.802 | 17.685 | 29.180 | 6008.062 | 6983.847 | 3.871 | 4749.016 |
| 166.443 | 1.002 | 14.727 | | | | | | |
| 1/9/2017 2:25:00 AM | 361500.000 | 12.802 | 17.685 | 29.181 | 6009.469 | 6985.442 | 3.872 | 4750.101 |
| 166.404 | 1.002 | 14.732 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 12.801 | 17.685 | 29.178 | 6009.021 | 6984.991 | 3.872 | 4749.794 |
| 166.416 | 1.002 | 14.736 | | | | | | |
| 1/9/2017 2:35:00 AM | 362100.000 | 12.802 | 17.684 | 29.180 | 6008.954 | 6984.938 | 3.872 | 4749.759 |
| 166.418 | 1.002 | 14.737 | | | | | | |
| 1/9/2017 2:40:00 AM | 362400.000 | 12.798 | 17.685 | 29.170 | 6010.628 | 6986.803 | 3.873 | 4751.026 |
| 166.372 | 1.002 | 14.738 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 12.798 | 17.684 | 29.171 | 6012.132 | 6988.632 | 3.874 | 4752.270 |
| 166.330 | 1.002 | 14.740 | | | | | | |
| 1/9/2017 2:50:00 AM | 363000.000 | 12.800 | 17.684 | 29.176 | 6010.820 | 6987.122 | 3.873 | 4751.244 |
| 166.367 | 1.002 | 14.739 | | | | | | |
| 1/9/2017 2:55:00 AM | 363300.000 | 12.806 | 17.684 | 29.188 | 6010.382 | 6986.667 | 3.873 | 4750.933 |
| 166.379 | 1.002 | 14.739 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 12.802 | 17.684 | 29.181 | 6009.902 | 6986.041 | 3.872 | 4750.508 |
| 166.392 | 1.002 | 14.739 | | | | | | |
| 1/9/2017 3:05:00 AM | 363900.000 | 12.801 | 17.685 | 29.178 | 6011.534 | 6987.912 | 3.873 | 4751.780 |
| 166.347 | 1.002 | 14.741 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/9/2017 3:10:00 AM | 364200.000 | 12.798 | 17.685 | 29.172 | 6012.674 | 6989.195 | 3.874 | 4752.653 |
| 166.315 | 1.002 | 14.744 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 12.802 | 17.685 | 29.179 | 6010.056 | 6986.138 | 3.872 | 4750.574 |
| 166.388 | 1.002 | 14.746 | | | | | | |
| 1/9/2017 3:20:00 AM | 364800.000 | 12.803 | 17.685 | 29.183 | 6010.205 | 6986.311 | 3.872 | 4750.691 |
| 166.384 | 1.002 | 14.743 | | | | | | |
| 1/9/2017 3:25:00 AM | 365100.000 | 12.806 | 17.684 | 29.189 | 6009.310 | 6985.409 | 3.872 | 4750.078 |
| 166.408 | 1.002 | 14.740 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 12.809 | 17.684 | 29.197 | 6009.128 | 6985.141 | 3.872 | 4749.896 |
| 166.413 | 1.002 | 14.738 | | | | | | |
| 1/9/2017 3:35:00 AM | 365700.000 | 12.809 | 17.685 | 29.197 | 6010.940 | 6987.192 | 3.873 | 4751.292 |
| 166.363 | 1.002 | 14.738 | | | | | | |
| 1/9/2017 3:40:00 AM | 366000.000 | 12.805 | 17.684 | 29.187 | 6010.534 | 6986.789 | 3.873 | 4751.017 |
| 166.375 | 1.002 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 12.809 | 17.685 | 29.195 | 6008.032 | 6983.772 | 3.871 | 4748.965 |
| 166.444 | 1.002 | 14.739 | | | | | | |
| 1/9/2017 3:50:00 AM | 366600.000 | 12.809 | 17.685 | 29.197 | 6009.032 | 6985.004 | 3.872 | 4749.803 |
| 166.416 | 1.002 | 14.738 | | | | | | |
| 1/9/2017 3:55:00 AM | 366900.000 | 12.811 | 17.685 | 29.200 | 6008.329 | 6984.201 | 3.871 | 4749.257 |
| 166.436 | 1.002 | 14.738 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 12.811 | 17.685 | 29.200 | 6007.444 | 6983.128 | 3.871 | 4748.527 |
| 166.460 | 1.002 | 14.737 | | | | | | |
| 1/9/2017 4:05:00 AM | 367500.000 | 12.811 | 17.685 | 29.201 | 6006.946 | 6982.565 | 3.870 | 4748.144 |
| 166.474 | 1.002 | 14.737 | | | | | | |
| 1/9/2017 4:10:00 AM | 367800.000 | 12.810 | 17.685 | 29.199 | 6006.638 | 6982.234 | 3.870 | 4747.919 |
| 166.482 | 1.002 | 14.738 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 12.811 | 17.684 | 29.199 | 6007.819 | 6983.660 | 3.871 | 4748.890 |
| 166.450 | 1.002 | 14.738 | | | | | | |
| 1/9/2017 4:20:00 AM | 368400.000 | 12.809 | 17.685 | 29.195 | 6007.532 | 6983.273 | 3.871 | 4748.626 |
| 166.458 | 1.002 | 14.741 | | | | | | |
| 1/9/2017 4:25:00 AM | 368700.000 | 12.802 | 17.685 | 29.180 | 6006.467 | 6981.980 | 3.870 | 4747.747 |
| 166.487 | 1.002 | 14.745 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 12.800 | 17.685 | 29.176 | 6006.627 | 6982.112 | 3.870 | 4747.836 |
| 166.483 | 1.002 | 14.748 | | | | | | |
| 1/9/2017 4:35:00 AM | 369300.000 | 12.798 | 17.685 | 29.170 | 6007.412 | 6983.135 | 3.871 | 4748.532 |
| 166.461 | 1.002 | 14.749 | | | | | | |
| 1/9/2017 4:40:00 AM | 369600.000 | 12.803 | 17.685 | 29.181 | 6007.117 | 6982.748 | 3.870 | 4748.269 |
| 166.469 | 1.002 | 14.750 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 12.801 | 17.684 | 29.178 | 6007.650 | 6983.450 | 3.871 | 4748.747 |
| 166.454 | 1.002 | 14.751 | | | | | | |
| 1/9/2017 4:50:00 AM | 370200.000 | 12.800 | 17.685 | 29.175 | 6007.987 | 6983.747 | 3.871 | 4748.949 |
| 166.445 | 1.002 | 14.748 | | | | | | |
| 1/9/2017 4:55:00 AM | 370500.000 | 12.807 | 17.685 | 29.190 | 6006.988 | 6982.613 | 3.870 | 4748.178 |
| 166.473 | 1.002 | 14.744 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 12.806 | 17.685 | 29.189 | 6006.691 | 6982.252 | 3.870 | 4747.932 |
| 166.481 | 1.002 | 14.741 | | | | | | |
| 1/9/2017 5:05:00 AM | 371100.000 | 12.808 | 17.685 | 29.193 | 6007.417 | 6983.140 | 3.871 | 4748.535 |
| 166.461 | 1.002 | 14.740 | | | | | | |
| 1/9/2017 5:10:00 AM | 371400.000 | 12.814 | 17.685 | 29.207 | 6007.470 | 6983.188 | 3.871 | 4748.567 |
| 166.459 | 1.002 | 14.739 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 12.814 | 17.684 | 29.206 | 6007.098 | 6982.781 | 3.870 | 4748.291 |
| 166.470 | 1.002 | 14.738 | | | | | | |
| 1/9/2017 5:20:00 AM | 372000.000 | 12.805 | 17.685 | 29.187 | 6007.638 | 6983.341 | 3.871 | 4748.672 |
| 166.455 | 1.002 | 14.742 | | | | | | |
| 1/9/2017 5:25:00 AM | 372300.000 | 12.803 | 17.684 | 29.182 | 6007.115 | 6982.842 | 3.870 | 4748.333 |
| 166.469 | 1.002 | 14.746 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 12.800 | 17.684 | 29.176 | 6007.714 | 6983.553 | 3.871 | 4748.816 |
| 166.453 | 1.002 | 14.750 | | | | | | |
| 1/9/2017 5:35:00 AM | 372900.000 | 12.800 | 17.685 | 29.175 | 6007.393 | 6983.112 | 3.871 | 4748.517 |
| 166.462 | 1.002 | 14.749 | | | | | | |
| 1/9/2017 5:40:00 AM | 373200.000 | 12.800 | 17.685 | 29.176 | 6006.798 | 6982.393 | 3.870 | 4748.027 |
| 166.478 | 1.002 | 14.747 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 12.806 | 17.685 | 29.189 | 6005.936 | 6981.391 | 3.870 | 4747.346 |
| 166.502 | 1.002 | 14.746 | | | | | | |
| 1/9/2017 5:50:00 AM | 373800.000 | 12.810 | 17.685 | 29.199 | 6005.773 | 6981.216 | 3.869 | 4747.227 |
| 166.506 | 1.002 | 14.744 | | | | | | |
| 1/9/2017 5:55:00 AM | 374100.000 | 12.810 | 17.684 | 29.198 | 6006.659 | 6982.271 | 3.870 | 4747.944 |
| 166.482 | 1.002 | 14.742 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 12.812 | 17.685 | 29.201 | 6007.959 | 6983.756 | 3.871 | 4748.955 |
| 166.446 | 1.002 | 14.741 | | | | | | |
| 1/9/2017 6:05:00 AM | 374700.000 | 12.809 | 17.684 | 29.196 | 6005.574 | 6981.050 | 3.869 | 4747.114 |
| 166.512 | 1.002 | 14.744 | | | | | | |
| 1/9/2017 6:10:00 AM | 375000.000 | 12.806 | 17.685 | 29.189 | 6006.871 | 6982.491 | 3.870 | 4748.095 |
| 166.476 | 1.002 | 14.747 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 12.804 | 17.684 | 29.184 | 6007.191 | 6982.917 | 3.870 | 4748.384 |
| 166.467 | 1.002 | 14.750 | | | | | | |
| 1/9/2017 6:20:00 AM | 375600.000 | 12.802 | 17.685 | 29.180 | 6007.043 | 6982.706 | 3.870 | 4748.240 |
| 166.471 | 1.002 | 14.752 | | | | | | |
| 1/9/2017 6:25:00 AM | 375900.000 | 12.799 | 17.685 | 29.172 | 6006.755 | 6982.371 | 3.870 | 4748.013 |
| 166.479 | 1.002 | 14.753 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 12.800 | 17.685 | 29.175 | 6003.411 | 6978.455 | 3.868 | 4745.350 |
| 166.572 | 1.002 | 14.754 | | | | | | |
| 1/9/2017 6:35:00 AM | 376500.000 | 12.807 | 17.685 | 29.190 | 6000.848 | 6975.449 | 3.866 | 4743.305 |
| 166.643 | 1.002 | 14.752 | | | | | | |
| 1/9/2017 6:40:00 AM | 376800.000 | 12.805 | 17.685 | 29.187 | 5992.799 | 6966.078 | 3.861 | 4736.933 |
| 166.867 | 1.002 | 14.751 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 12.805 | 17.685 | 29.187 | 5981.856 | 6953.358 | 3.853 | 4728.284 |
| 167.172 | 1.002 | 14.749 | | | | | | |
| 1/9/2017 6:50:00 AM | 377400.000 | 12.807 | 17.685 | 29.191 | 5971.594 | 6941.417 | 3.846 | 4720.164 |
| 167.459 | 1.002 | 14.751 | | | | | | |
| 1/9/2017 6:55:00 AM | 377700.000 | 12.804 | 17.685 | 29.183 | 5962.280 | 6930.629 | 3.840 | 4712.828 |
| 167.721 | 1.002 | 14.752 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 12.805 | 17.685 | 29.186 | 5953.350 | 6920.248 | 3.833 | 4705.769 |
| 167.973 | 1.002 | 14.754 | | | | | | |
| 1/9/2017 7:05:00 AM | 378300.000 | 12.801 | 17.685 | 29.177 | 5945.457 | 6911.021 | 3.828 | 4699.495 |
| 168.196 | 1.002 | 14.756 | | | | | | |
| 1/9/2017 7:10:00 AM | 378600.000 | 12.804 | 17.685 | 29.184 | 5939.013 | 6903.505 | 3.823 | 4694.384 |
| 168.378 | 1.002 | 14.759 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 12.799 | 17.685 | 29.174 | 5932.750 | 6896.319 | 3.819 | 4689.498 |
| 168.556 | 1.002 | 14.761 | | | | | | |
| 1/9/2017 7:20:00 AM | 379200.000 | 12.806 | 17.685 | 29.188 | 5924.298 | 6886.466 | 3.813 | 4682.797 |
| 168.796 | 1.002 | 14.761 | | | | | | |
| 1/9/2017 7:25:00 AM | 379500.000 | 12.802 | 17.685 | 29.180 | 5916.983 | 6877.963 | 3.808 | 4677.015 |
| 169.005 | 1.002 | 14.760 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 12.805 | 17.685 | 29.187 | 5911.596 | 6871.729 | 3.805 | 4672.776 |
| 169.159 | 1.002 | 14.760 | | | | | | |
| 1/9/2017 7:35:00 AM | 380100.000 | 12.810 | 17.685 | 29.199 | 5906.020 | 6865.180 | 3.801 | 4668.323 |
| 169.319 | 1.002 | 14.762 | | | | | | |
| 1/9/2017 7:40:00 AM | 380400.000 | 12.810 | 17.685 | 29.199 | 5900.390 | 6858.635 | 3.797 | 4663.872 |
| 169.480 | 1.002 | 14.764 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 12.806 | 17.685 | 29.189 | 5891.848 | 6848.680 | 3.791 | 4657.102 |
| 169.726 | 1.002 | 14.766 | | | | | | |
| 1/9/2017 7:50:00 AM | 381000.000 | 12.804 | 17.685 | 29.185 | 5887.942 | 6844.247 | 3.788 | 4654.088 |
| 169.839 | 1.002 | 14.766 | | | | | | |
| 1/9/2017 7:55:00 AM | 381300.000 | 12.808 | 17.685 | 29.192 | 5881.883 | 6837.163 | 3.784 | 4649.271 |
| 170.014 | 1.002 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 12.806 | 17.685 | 29.189 | 5875.963 | 6830.293 | 3.780 | 4644.600 |
| 170.185 | 1.002 | 14.766 | | | | | | |
| 1/9/2017 8:05:00 AM | 381900.000 | 12.802 | 17.685 | 29.179 | 5869.716 | 6823.047 | 3.776 | 4639.672 |
| 170.366 | 1.002 | 14.765 | | | | | | |
| 1/9/2017 8:10:00 AM | 382200.000 | 12.803 | 17.685 | 29.182 | 5865.739 | 6818.438 | 3.773 | 4636.538 |
| 170.481 | 1.002 | 14.765 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 12.800 | 17.684 | 29.175 | 5861.379 | 6813.394 | 3.770 | 4633.108 |
| 170.608 | 1.002 | 14.765 | | | | | | |
| 1/9/2017 8:20:00 AM | 382800.000 | 12.801 | 17.685 | 29.177 | 5855.610 | 6806.570 | 3.766 | 4628.468 |
| 170.776 | 1.002 | 14.766 | | | | | | |
| 1/9/2017 8:25:00 AM | 383100.000 | 12.803 | 17.685 | 29.183 | 5848.292 | 6798.157 | 3.761 | 4622.747 |
| 170.990 | 1.002 | 14.768 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 12.800 | 17.684 | 29.176 | 5845.918 | 6795.477 | 3.760 | 4620.924 |
| 171.060 | 1.002 | 14.769 | | | | | | |
| 1/9/2017 8:35:00 AM | 383700.000 | 12.807 | 17.685 | 29.191 | 5841.210 | 6789.871 | 3.756 | 4617.112 |
| 171.197 | 1.002 | 14.771 | | | | | | |
| 1/9/2017 8:40:00 AM | 384000.000 | 12.804 | 17.686 | 29.184 | 5835.577 | 6783.232 | 3.752 | 4612.598 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 171.363 | 1.002 | 14.773 | | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 12.803 | 17.685 | 29.183 | 5829.776 | 6776.554 | 3.748 | 4608.057 | |
| 171.533 | 1.002 | 14.775 | | | | | | | |
| 1/9/2017 8:50:00 AM | 384600.000 | 12.805 | 17.685 | 29.186 | 5825.979 | 6772.126 | 3.746 | 4605.046 | |
| 171.645 | 1.002 | 14.774 | | | | | | | |
| 1/9/2017 8:55:00 AM | 384900.000 | 12.807 | 17.685 | 29.192 | 5821.643 | 6767.112 | 3.743 | 4601.636 | |
| 171.773 | 1.002 | 14.772 | | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 12.804 | 17.685 | 29.184 | 5818.336 | 6763.256 | 3.741 | 4599.014 | |
| 171.870 | 1.002 | 14.771 | | | | | | | |
| 1/9/2017 9:05:00 AM | 385500.000 | 12.801 | 17.685 | 29.177 | 5812.145 | 6756.125 | 3.736 | 4594.166 | |
| 172.054 | 1.002 | 14.773 | | | | | | | |
| 1/9/2017 9:10:00 AM | 385800.000 | 12.806 | 17.685 | 29.190 | 5809.289 | 6752.790 | 3.734 | 4591.897 | |
| 172.138 | 1.002 | 14.776 | | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 12.806 | 17.684 | 29.189 | 5807.719 | 6751.018 | 3.733 | 4590.692 | |
| 172.185 | 1.002 | 14.779 | | | | | | | |
| 1/9/2017 9:20:00 AM | 386400.000 | 12.802 | 17.684 | 29.180 | 5803.837 | 6746.506 | 3.731 | 4587.625 | |
| 172.300 | 1.002 | 14.781 | | | | | | | |
| 1/9/2017 9:25:00 AM | 386700.000 | 12.801 | 17.685 | 29.177 | 5799.368 | 6741.207 | 3.727 | 4584.021 | |
| 172.433 | 1.002 | 14.784 | | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 12.799 | 17.685 | 29.172 | 5794.656 | 6735.769 | 3.724 | 4580.323 | |
| 172.573 | 1.002 | 14.786 | | | | | | | |
| 1/9/2017 9:35:00 AM | 387300.000 | 12.803 | 17.685 | 29.182 | 5791.069 | 6731.561 | 3.722 | 4577.462 | |
| 172.680 | 1.002 | 14.786 | | | | | | | |
| 1/9/2017 9:40:00 AM | 387600.000 | 12.798 | 17.685 | 29.170 | 5788.493 | 6728.579 | 3.720 | 4575.434 | |
| 172.757 | 1.002 | 14.787 | | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 12.796 | 17.685 | 29.167 | 5786.578 | 6726.391 | 3.719 | 4573.946 | |
| 172.814 | 1.002 | 14.787 | | | | | | | |
| 1/9/2017 9:50:00 AM | 388200.000 | 12.802 | 17.685 | 29.180 | 5783.972 | 6723.361 | 3.717 | 4571.886 | |
| 172.892 | 1.001 | 14.788 | | | | | | | |
| 1/9/2017 9:55:00 AM | 388500.000 | 12.799 | 17.685 | 29.174 | 5779.989 | 6718.706 | 3.714 | 4568.720 | |
| 173.011 | 1.001 | 14.789 | | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 12.805 | 17.685 | 29.187 | 5777.987 | 6716.393 | 3.713 | 4567.147 | |
| 173.071 | 1.001 | 14.790 | | | | | | | |
| 1/9/2017 10:05:00 AM | 389100.000 | 12.803 | 17.685 | 29.181 | 5775.219 | 6713.215 | 3.711 | 4564.987 | |
| 173.154 | 1.001 | 14.792 | | | | | | | |
| 1/9/2017 10:10:00 AM | 389400.000 | 12.794 | 17.685 | 29.162 | 5773.892 | 6711.632 | 3.710 | 4563.911 | |
| 173.193 | 1.001 | 14.794 | | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 12.796 | 17.685 | 29.166 | 5770.119 | 6707.273 | 3.707 | 4560.946 | |
| 173.307 | 1.001 | 14.796 | | | | | | | |
| 1/9/2017 10:20:00 AM | 390000.000 | 12.799 | 17.685 | 29.172 | 5766.669 | 6703.210 | 3.705 | 4558.183 | |
| 173.410 | 1.001 | 14.796 | | | | | | | |
| 1/9/2017 10:25:00 AM | 390300.000 | 12.804 | 17.685 | 29.183 | 5766.889 | 6703.454 | 3.705 | 4558.349 | |
| 173.404 | 1.001 | 14.796 | | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 12.799 | 17.685 | 29.174 | 5764.679 | 6700.897 | 3.704 | 4556.610 | |
| 173.470 | 1.001 | 14.796 | | | | | | | |
| 1/9/2017 10:35:00 AM | 390900.000 | 12.799 | 17.685 | 29.173 | 5761.731 | 6697.550 | 3.702 | 4554.334 | |
| 173.559 | 1.001 | 14.798 | | | | | | | |
| 1/9/2017 10:40:00 AM | 391200.000 | 12.802 | 17.685 | 29.181 | 5760.029 | 6695.530 | 3.701 | 4552.961 | |
| 173.610 | 1.001 | 14.800 | | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 12.799 | 17.685 | 29.173 | 5758.500 | 6693.752 | 3.699 | 4551.751 | |
| 173.656 | 1.001 | 14.803 | | | | | | | |
| 1/9/2017 10:50:00 AM | 391800.000 | 12.796 | 17.685 | 29.167 | 5756.333 | 6691.222 | 3.698 | 4550.031 | |
| 173.722 | 1.001 | 14.802 | | | | | | | |
| 1/9/2017 10:55:00 AM | 392100.000 | 12.799 | 17.685 | 29.172 | 5754.343 | 6688.856 | 3.697 | 4548.423 | |
| 173.782 | 1.001 | 14.800 | | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 12.796 | 17.685 | 29.166 | 5750.714 | 6684.717 | 3.694 | 4545.608 | |
| 173.891 | 1.001 | 14.799 | | | | | | | |
| 1/9/2017 11:05:00 AM | 392700.000 | 12.796 | 17.685 | 29.165 | 5749.872 | 6683.698 | 3.694 | 4544.915 | |
| 173.917 | 1.001 | 14.801 | | | | | | | |
| 1/9/2017 11:10:00 AM | 393000.000 | 12.797 | 17.685 | 29.168 | 5748.463 | 6682.086 | 3.693 | 4543.818 | |
| 173.960 | 1.001 | 14.802 | | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 12.788 | 17.685 | 29.149 | 5746.934 | 6680.336 | 3.692 | 4542.629 | |
| 174.006 | 1.001 | 14.804 | | | | | | | |
| 1/9/2017 11:20:00 AM | 393600.000 | 12.791 | 17.685 | 29.155 | 5746.594 | 6679.954 | 3.691 | 4542.369 | |
| 174.016 | 1.001 | 14.801 | | | | | | | |
| 1/9/2017 11:25:00 AM | 393900.000 | 12.791 | 17.685 | 29.154 | 5745.421 | 6678.538 | 3.690 | 4541.406 | |
| 174.052 | 1.001 | 14.797 | | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 12.792 | 17.685 | 29.158 | 5743.588 | 6676.460 | 3.689 | 4539.993 | |
| 174.107 | 1.001 | 14.794 | | | | | | | |
| 1/9/2017 11:35:00 AM | 394500.000 | 12.790 | 17.684 | 29.153 | 5741.715 | 6674.308 | 3.688 | 4538.530 | |
| 174.164 | 1.001 | 14.791 | | | | | | | |
| 1/9/2017 11:40:00 AM | 394800.000 | 12.792 | 17.685 | 29.157 | 5741.457 | 6673.930 | 3.688 | 4538.273 | |
| 174.172 | 1.001 | 14.787 | | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 12.797 | 17.684 | 29.168 | 5739.720 | 6671.975 | 3.687 | 4536.943 | |
| 174.225 | 1.001 | 14.784 | | | | | | | |
| 1/9/2017 11:50:00 AM | 395400.000 | 12.792 | 17.685 | 29.157 | 5738.077 | 6670.027 | 3.685 | 4535.618 | |
| 174.274 | 1.001 | 14.783 | | | | | | | |
| 1/9/2017 11:55:00 AM | 395700.000 | 12.794 | 17.685 | 29.162 | 5736.639 | 6668.329 | 3.684 | 4534.464 | |
| 174.318 | 1.001 | 14.782 | | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 12.790 | 17.685 | 29.152 | 5735.075 | 6666.485 | 3.683 | 4533.210 | |
| 174.366 | 1.001 | 14.781 | | | | | | | |
| 1/9/2017 12:05:00 PM | 396300.000 | 12.794 | 17.685 | 29.162 | 5734.266 | 6665.571 | 3.683 | 4532.588 | |
| 174.390 | 1.001 | 14.778 | | | | | | | |
| 1/9/2017 12:10:00 PM | 396600.000 | 12.793 | 17.684 | 29.160 | 5732.767 | 6663.893 | 3.682 | 4531.447 | |
| 174.436 | 1.001 | 14.775 | | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 12.796 | 17.685 | 29.166 | 5729.325 | 6659.789 | 3.679 | 4528.657 | |
| 174.541 | 1.001 | 14.773 | | | | | | | |
| 1/9/2017 12:20:00 PM | 397200.000 | 12.802 | 17.685 | 29.179 | 5729.008 | 6659.470 | 3.679 | 4528.440 | |
| 174.550 | 1.001 | 14.774 | | | | | | | |
| 1/9/2017 12:25:00 PM | 397500.000 | 12.793 | 17.685 | 29.159 | 5727.158 | 6657.320 | 3.678 | 4526.978 | |
| 174.607 | 1.001 | 14.776 | | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 12.798 | 17.685 | 29.171 | 5725.759 | 6655.709 | 3.677 | 4525.883 | |
| 174.649 | 1.001 | 14.777 | | | | | | | |
| 1/9/2017 12:35:00 PM | 398100.000 | 12.800 | 17.684 | 29.174 | 5725.812 | 6655.847 | 3.677 | 4525.976 | |
| 174.648 | 1.001 | 14.779 | | | | | | | |
| 1/9/2017 12:40:00 PM | 398400.000 | 12.798 | 17.685 | 29.170 | 5723.946 | 6653.549 | 3.676 | 4524.413 | |
| 174.705 | 1.001 | 14.780 | | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 12.795 | 17.684 | 29.164 | 5724.771 | 6654.598 | 3.676 | 4525.126 | |
| 174.679 | 1.001 | 14.782 | | | | | | | |
| 1/9/2017 12:50:00 PM | 399000.000 | 12.791 | 17.685 | 29.155 | 5721.390 | 6650.630 | 3.674 | 4522.429 | |
| 174.783 | 1.001 | 14.779 | | | | | | | |
| 1/9/2017 12:55:00 PM | 399300.000 | 12.793 | 17.685 | 29.159 | 5722.426 | 6651.732 | 3.675 | 4523.178 | |
| 174.751 | 1.001 | 14.776 | | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 12.798 | 17.684 | 29.171 | 5722.063 | 6651.450 | 3.675 | 4522.986 | |
| 174.762 | 1.001 | 14.772 | | | | | | | |
| 1/9/2017 1:05:00 PM | 399900.000 | 12.796 | 17.684 | 29.166 | 5722.360 | 6651.795 | 3.675 | 4523.221 | |
| 174.753 | 1.001 | 14.771 | | | | | | | |
| 1/9/2017 1:10:00 PM | 400200.000 | 12.793 | 17.685 | 29.160 | 5721.116 | 6650.325 | 3.674 | 4522.222 | |
| 174.791 | 1.001 | 14.769 | | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 12.793 | 17.685 | 29.160 | 5719.919 | 6648.895 | 3.673 | 4521.249 | |
| 174.828 | 1.001 | 14.768 | | | | | | | |
| 1/9/2017 1:20:00 PM | 400800.000 | 12.793 | 17.685 | 29.158 | 5719.478 | 6648.317 | 3.673 | 4520.856 | |
| 174.841 | 1.001 | 14.768 | | | | | | | |
| 1/9/2017 1:25:00 PM | 401100.000 | 12.791 | 17.685 | 29.154 | 5719.012 | 6647.879 | 3.672 | 4520.558 | |
| 174.855 | 1.001 | 14.768 | | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 12.795 | 17.685 | 29.164 | 5718.730 | 6647.539 | 3.672 | 4520.327 | |
| 174.864 | 1.001 | 14.768 | | | | | | | |
| 1/9/2017 1:35:00 PM | 401700.000 | 12.795 | 17.685 | 29.164 | 5720.897 | 6650.031 | 3.674 | 4522.021 | |
| 174.798 | 1.001 | 14.770 | | | | | | | |
| 1/9/2017 1:40:00 PM | 402000.000 | 12.794 | 17.685 | 29.161 | 5719.123 | 6647.892 | 3.672 | 4520.566 | |
| 174.852 | 1.001 | 14.771 | | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 12.791 | 17.685 | 29.155 | 5718.556 | 6647.349 | 3.672 | 4520.197 | |
| 174.869 | 1.001 | 14.773 | | | | | | | |
| 1/9/2017 1:50:00 PM | 402600.000 | 12.794 | 17.685 | 29.162 | 5718.843 | 6647.605 | 3.672 | 4520.372 | |
| 174.861 | 1.001 | 14.777 | | | | | | | |
| 1/9/2017 1:55:00 PM | 402900.000 | 12.788 | 17.685 | 29.147 | 5716.816 | 6645.249 | 3.671 | 4518.770 | |
| 174.923 | 1.001 | 14.781 | | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 12.788 | 17.685 | 29.149 | 5716.680 | 6645.168 | 3.671 | 4518.714 | |
| 174.927 | 1.001 | 14.785 | | | | | | | |
| 1/9/2017 2:05:00 PM | 403500.000 | 12.785 | 17.685 | 29.140 | 5715.736 | 6644.071 | 3.670 | 4517.969 | |
| 174.956 | 1.001 | 14.783 | | | | | | | |
| 1/9/2017 2:10:00 PM | 403800.000 | 12.792 | 17.685 | 29.157 | 5716.982 | 6645.520 | 3.671 | 4518.953 | |
| 174.917 | 1.001 | 14.782 | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/9/2017 2:15:00 PM | 404100.000 | 12.787 | 17.685 | 29.145 | 5716.002 | 6644.367 | 3.670 | 4518.170 |
| 174.947 | 1.001 | 14.780 | | | | | | |
| 1/9/2017 2:20:00 PM | 404400.000 | 12.789 | 17.684 | 29.150 | 5718.735 | 6647.582 | 3.672 | 4520.356 |
| 174.864 | 1.001 | 14.780 | | | | | | |
| 1/9/2017 2:25:00 PM | 404700.000 | 12.793 | 17.685 | 29.158 | 5716.622 | 6645.036 | 3.671 | 4518.625 |
| 174.928 | 1.001 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 12.789 | 17.685 | 29.151 | 5715.743 | 6644.026 | 3.670 | 4517.938 |
| 174.955 | 1.001 | 14.780 | | | | | | |
| 1/9/2017 2:35:00 PM | 405300.000 | 12.795 | 17.685 | 29.163 | 5717.916 | 6646.565 | 3.672 | 4519.664 |
| 174.889 | 1.001 | 14.780 | | | | | | |
| 1/9/2017 2:40:00 PM | 405600.000 | 12.790 | 17.685 | 29.153 | 5716.307 | 6644.631 | 3.670 | 4518.349 |
| 174.938 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 12.793 | 17.685 | 29.160 | 5715.801 | 6644.146 | 3.670 | 4518.020 |
| 174.954 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 2:50:00 PM | 406200.000 | 12.787 | 17.684 | 29.145 | 5718.443 | 6647.256 | 3.672 | 4520.134 |
| 174.873 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 2:55:00 PM | 406500.000 | 12.789 | 17.685 | 29.150 | 5715.500 | 6643.731 | 3.670 | 4517.737 |
| 174.963 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 12.787 | 17.685 | 29.147 | 5715.235 | 6643.436 | 3.670 | 4517.536 |
| 174.971 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 3:05:00 PM | 407100.000 | 12.784 | 17.685 | 29.139 | 5716.096 | 6644.461 | 3.670 | 4518.234 |
| 174.945 | 1.001 | 14.778 | | | | | | |
| 1/9/2017 3:10:00 PM | 407400.000 | 12.784 | 17.685 | 29.140 | 5717.831 | 6646.428 | 3.672 | 4519.571 |
| 174.892 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 12.786 | 17.685 | 29.143 | 5715.718 | 6644.063 | 3.670 | 4517.963 |
| 174.956 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 3:20:00 PM | 408000.000 | 12.790 | 17.685 | 29.153 | 5715.088 | 6643.318 | 3.670 | 4517.456 |
| 174.975 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 3:25:00 PM | 408300.000 | 12.786 | 17.685 | 29.144 | 5716.938 | 6645.469 | 3.671 | 4518.919 |
| 174.919 | 1.001 | 14.778 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 12.785 | 17.685 | 29.140 | 5715.901 | 6644.223 | 3.670 | 4518.072 |
| 174.951 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 3:35:00 PM | 408900.000 | 12.786 | 17.685 | 29.142 | 5716.063 | 6644.438 | 3.670 | 4518.219 |
| 174.946 | 1.001 | 14.778 | | | | | | |
| 1/9/2017 3:40:00 PM | 409200.000 | 12.784 | 17.685 | 29.140 | 5717.041 | 6645.575 | 3.671 | 4518.991 |
| 174.916 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 12.785 | 17.685 | 29.142 | 5715.621 | 6643.924 | 3.670 | 4517.869 |
| 174.959 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 3:50:00 PM | 409800.000 | 12.785 | 17.685 | 29.140 | 5716.208 | 6644.566 | 3.670 | 4518.305 |
| 174.941 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 3:55:00 PM | 410100.000 | 12.789 | 17.684 | 29.150 | 5717.734 | 6646.432 | 3.672 | 4519.574 |
| 174.894 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 12.786 | 17.684 | 29.144 | 5717.345 | 6645.992 | 3.671 | 4519.275 |
| 174.906 | 1.001 | 14.778 | | | | | | |
| 1/9/2017 4:05:00 PM | 410700.000 | 12.786 | 17.685 | 29.143 | 5717.349 | 6645.893 | 3.671 | 4519.208 |
| 174.906 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 4:10:00 PM | 411000.000 | 12.783 | 17.685 | 29.137 | 5716.870 | 6645.389 | 3.671 | 4518.865 |
| 174.921 | 1.001 | 14.780 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 12.784 | 17.685 | 29.139 | 5716.399 | 6644.802 | 3.671 | 4518.465 |
| 174.935 | 1.001 | 14.782 | | | | | | |
| 1/9/2017 4:20:00 PM | 411600.000 | 12.785 | 17.685 | 29.142 | 5718.401 | 6647.130 | 3.672 | 4520.049 |
| 174.874 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 4:25:00 PM | 411900.000 | 12.789 | 17.685 | 29.149 | 5719.168 | 6647.983 | 3.672 | 4520.629 |
| 174.851 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 12.786 | 17.684 | 29.143 | 5718.920 | 6647.796 | 3.672 | 4520.501 |
| 174.858 | 1.001 | 14.775 | | | | | | |
| 1/9/2017 4:35:00 PM | 412500.000 | 12.787 | 17.685 | 29.145 | 5717.017 | 6645.560 | 3.671 | 4518.980 |
| 174.916 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 4:40:00 PM | 412800.000 | 12.780 | 17.684 | 29.129 | 5718.108 | 6646.853 | 3.672 | 4519.860 |
| 174.883 | 1.001 | 14.778 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 12.781 | 17.684 | 29.133 | 5718.271 | 6647.056 | 3.672 | 4519.998 |
| 174.878 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 4:50:00 PM | 413400.000 | 12.782 | 17.684 | 29.135 | 5720.096 | 6649.177 | 3.673 | 4521.440 |
| 174.822 | 1.001 | 14.778 | | | | | | |
| 1/9/2017 4:55:00 PM | 413700.000 | 12.781 | 17.685 | 29.131 | 5719.593 | 6648.501 | 3.673 | 4520.981 |
| 174.838 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 12.785 | 17.685 | 29.141 | 5719.473 | 6648.415 | 3.673 | 4520.923 |
| 174.841 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 5:05:00 PM | 414300.000 | 12.785 | 17.685 | 29.141 | 5720.874 | 6649.990 | 3.674 | 4521.993 |
| 174.798 | 1.001 | 14.775 | | | | | | |
| 1/9/2017 5:10:00 PM | 414600.000 | 12.782 | 17.685 | 29.135 | 5718.843 | 6647.655 | 3.672 | 4520.405 |
| 174.861 | 1.001 | 14.774 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 12.788 | 17.685 | 29.147 | 5720.375 | 6649.372 | 3.673 | 4521.573 |
| 174.814 | 1.001 | 14.773 | | | | | | |
| 1/9/2017 5:20:00 PM | 415200.000 | 12.790 | 17.685 | 29.151 | 5721.124 | 6650.243 | 3.674 | 4522.166 |
| 174.791 | 1.001 | 14.772 | | | | | | |
| 1/9/2017 5:25:00 PM | 415500.000 | 12.786 | 17.685 | 29.143 | 5722.366 | 6651.739 | 3.675 | 4523.183 |
| 174.753 | 1.001 | 14.771 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 12.787 | 17.685 | 29.144 | 5721.978 | 6651.326 | 3.674 | 4522.902 |
| 174.765 | 1.001 | 14.770 | | | | | | |
| 1/9/2017 5:35:00 PM | 416100.000 | 12.788 | 17.684 | 29.147 | 5722.779 | 6652.336 | 3.675 | 4523.589 |
| 174.740 | 1.001 | 14.768 | | | | | | |
| 1/9/2017 5:40:00 PM | 416400.000 | 12.787 | 17.685 | 29.147 | 5724.162 | 6653.837 | 3.676 | 4524.609 |
| 174.698 | 1.001 | 14.767 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 12.787 | 17.685 | 29.144 | 5722.831 | 6652.318 | 3.675 | 4523.577 |
| 174.739 | 1.001 | 14.765 | | | | | | |
| 1/9/2017 5:50:00 PM | 417000.000 | 12.787 | 17.685 | 29.146 | 5723.964 | 6653.608 | 3.676 | 4524.454 |
| 174.704 | 1.001 | 14.767 | | | | | | |
| 1/9/2017 5:55:00 PM | 417300.000 | 12.789 | 17.685 | 29.150 | 5724.645 | 6654.414 | 3.676 | 4525.001 |
| 174.683 | 1.001 | 14.768 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 12.779 | 17.685 | 29.128 | 5725.071 | 6654.936 | 3.677 | 4525.357 |
| 174.670 | 1.001 | 14.769 | | | | | | |
| 1/9/2017 6:05:00 PM | 417900.000 | 12.784 | 17.684 | 29.139 | 5724.169 | 6653.912 | 3.676 | 4524.661 |
| 174.698 | 1.001 | 14.770 | | | | | | |
| 1/9/2017 6:10:00 PM | 418200.000 | 12.784 | 17.685 | 29.138 | 5727.000 | 6657.100 | 3.678 | 4526.828 |
| 174.611 | 1.001 | 14.771 | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 12.782 | 17.685 | 29.134 | 5727.292 | 6657.464 | 3.678 | 4527.076 |
| 174.603 | 1.001 | 14.773 | | | | | | |
| 1/9/2017 6:20:00 PM | 418800.000 | 12.782 | 17.685 | 29.133 | 5728.441 | 6658.812 | 3.679 | 4527.992 |
| 174.568 | 1.001 | 14.774 | | | | | | |
| 1/9/2017 6:25:00 PM | 419100.000 | 12.777 | 17.685 | 29.123 | 5729.125 | 6659.621 | 3.679 | 4528.542 |
| 174.547 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 12.775 | 17.685 | 29.119 | 5727.799 | 6658.065 | 3.678 | 4527.484 |
| 174.587 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 6:35:00 PM | 419700.000 | 12.781 | 17.685 | 29.132 | 5727.781 | 6658.086 | 3.678 | 4527.499 |
| 174.588 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 6:40:00 PM | 420000.000 | 12.780 | 17.684 | 29.130 | 5729.729 | 6660.361 | 3.680 | 4529.045 |
| 174.528 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 12.780 | 17.685 | 29.130 | 5730.498 | 6661.153 | 3.680 | 4529.584 |
| 174.505 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 6:50:00 PM | 420600.000 | 12.783 | 17.685 | 29.136 | 5731.684 | 6662.609 | 3.681 | 4530.574 |
| 174.469 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 6:55:00 PM | 420900.000 | 12.777 | 17.685 | 29.122 | 5731.621 | 6662.522 | 3.681 | 4530.515 |
| 174.471 | 1.001 | 14.775 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 12.778 | 17.684 | 29.126 | 5730.919 | 6661.745 | 3.681 | 4529.987 |
| 174.492 | 1.001 | 14.774 | | | | | | |
| 1/9/2017 7:05:00 PM | 421500.000 | 12.782 | 17.685 | 29.134 | 5732.542 | 6663.593 | 3.682 | 4531.243 |
| 174.443 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 7:10:00 PM | 421800.000 | 12.779 | 17.685 | 29.127 | 5733.350 | 6664.480 | 3.682 | 4531.847 |
| 174.418 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 12.773 | 17.684 | 29.113 | 5733.124 | 6664.308 | 3.682 | 4531.729 |
| 174.425 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 7:20:00 PM | 422400.000 | 12.770 | 17.685 | 29.107 | 5733.693 | 6664.892 | 3.682 | 4532.127 |
| 174.408 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 7:25:00 PM | 422700.000 | 12.776 | 17.685 | 29.119 | 5735.133 | 6666.541 | 3.683 | 4533.249 |
| 174.364 | 1.001 | 14.778 | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 12.776 | 17.685 | 29.120 | 5736.210 | 6667.871 | 3.684 | 4534.152 |
| 174.331 | 1.001 | 14.778 | | | | | | |
| 1/9/2017 7:35:00 PM | 423300.000 | 12.773 | 17.685 | 29.114 | 5736.641 | 6668.371 | 3.684 | 4534.493 |
| 174.318 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 7:40:00 PM | 423600.000 | 12.779 | 17.685 | 29.127 | 5737.023 | 6668.829 | 3.685 | 4534.804 |
| 174.306 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 12.780 | 17.685 | 29.129 | 5736.387 | 6668.077 | 3.684 | 4534.292 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 174.326 | 1.001 | 14.775 | | | | | | | |
| 1/9/2017 7:50:00 PM | 424200.000 | 12.779 | 17.685 | 29.127 | 5737.228 | 6669.025 | 3.685 | 4534.938 | |
| 174.300 | 1.001 | 14.776 | | | | | | | |
| 1/9/2017 7:55:00 PM | 424500.000 | 12.774 | 17.685 | 29.117 | 5738.367 | 6670.378 | 3.686 | 4535.857 | |
| 174.266 | 1.001 | 14.777 | | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 12.775 | 17.684 | 29.118 | 5737.910 | 6669.910 | 3.685 | 4535.539 | |
| 174.279 | 1.001 | 14.777 | | | | | | | |
| 1/9/2017 8:05:00 PM | 425100.000 | 12.778 | 17.685 | 29.124 | 5740.451 | 6672.760 | 3.687 | 4537.478 | |
| 174.202 | 1.001 | 14.780 | | | | | | | |
| 1/9/2017 8:10:00 PM | 425400.000 | 12.771 | 17.685 | 29.110 | 5740.572 | 6672.941 | 3.687 | 4537.601 | |
| 174.199 | 1.001 | 14.783 | | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 12.773 | 17.685 | 29.113 | 5739.789 | 6671.953 | 3.687 | 4536.928 | |
| 174.222 | 1.001 | 14.786 | | | | | | | |
| 1/9/2017 8:20:00 PM | 426000.000 | 12.770 | 17.685 | 29.107 | 5740.004 | 6672.253 | 3.687 | 4537.132 | |
| 174.216 | 1.001 | 14.785 | | | | | | | |
| 1/9/2017 8:25:00 PM | 426300.000 | 12.771 | 17.685 | 29.110 | 5741.053 | 6673.447 | 3.687 | 4537.944 | |
| 174.184 | 1.001 | 14.784 | | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 12.777 | 17.684 | 29.122 | 5742.699 | 6675.464 | 3.689 | 4539.316 | |
| 174.134 | 1.001 | 14.782 | | | | | | | |
| 1/9/2017 8:35:00 PM | 426900.000 | 12.779 | 17.685 | 29.126 | 5742.863 | 6675.617 | 3.689 | 4539.420 | |
| 174.129 | 1.001 | 14.780 | | | | | | | |
| 1/9/2017 8:40:00 PM | 427200.000 | 12.775 | 17.685 | 29.118 | 5744.757 | 6677.714 | 3.690 | 4540.846 | |
| 174.072 | 1.001 | 14.777 | | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 12.776 | 17.686 | 29.120 | 5745.901 | 6679.004 | 3.691 | 4541.723 | |
| 174.037 | 1.001 | 14.774 | | | | | | | |
| 1/9/2017 8:50:00 PM | 427800.000 | 12.778 | 17.684 | 29.125 | 5745.010 | 6678.124 | 3.690 | 4541.125 | |
| 174.064 | 1.001 | 14.777 | | | | | | | |
| 1/9/2017 8:55:00 PM | 428100.000 | 12.771 | 17.684 | 29.109 | 5745.481 | 6678.672 | 3.691 | 4541.497 | |
| 174.050 | 1.001 | 14.780 | | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 12.774 | 17.685 | 29.115 | 5746.626 | 6679.950 | 3.691 | 4542.366 | |
| 174.015 | 1.001 | 14.783 | | | | | | | |
| 1/9/2017 9:05:00 PM | 428700.000 | 12.771 | 17.685 | 29.110 | 5747.018 | 6680.406 | 3.692 | 4542.676 | |
| 174.003 | 1.001 | 14.782 | | | | | | | |
| 1/9/2017 9:10:00 PM | 429000.000 | 12.774 | 17.685 | 29.115 | 5746.845 | 6680.205 | 3.691 | 4542.539 | |
| 174.009 | 1.001 | 14.781 | | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 12.774 | 17.685 | 29.116 | 5749.250 | 6683.000 | 3.693 | 4544.440 | |
| 173.936 | 1.001 | 14.780 | | | | | | | |
| 1/9/2017 9:20:00 PM | 429600.000 | 12.781 | 17.685 | 29.131 | 5751.778 | 6685.928 | 3.695 | 4546.431 | |
| 173.859 | 1.001 | 14.777 | | | | | | | |
| 1/9/2017 9:25:00 PM | 429900.000 | 12.783 | 17.684 | 29.136 | 5758.601 | 6693.922 | 3.700 | 4551.868 | |
| 173.653 | 1.001 | 14.774 | | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 12.784 | 17.684 | 29.139 | 5771.453 | 6708.862 | 3.708 | 4562.026 | |
| 173.267 | 1.001 | 14.771 | | | | | | | |
| 1/9/2017 9:35:00 PM | 430500.000 | 12.777 | 17.685 | 29.123 | 5784.121 | 6723.497 | 3.717 | 4571.978 | |
| 172.887 | 1.001 | 14.773 | | | | | | | |
| 1/9/2017 9:40:00 PM | 430800.000 | 12.782 | 17.685 | 29.133 | 5794.516 | 6735.632 | 3.724 | 4580.230 | |
| 172.577 | 1.002 | 14.774 | | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 12.776 | 17.685 | 29.120 | 5802.108 | 6744.471 | 3.729 | 4586.240 | |
| 172.351 | 1.002 | 14.775 | | | | | | | |
| 1/9/2017 9:50:00 PM | 431400.000 | 12.776 | 17.684 | 29.120 | 5812.149 | 6756.183 | 3.736 | 4594.205 | |
| 172.053 | 1.002 | 14.775 | | | | | | | |
| 1/9/2017 9:55:00 PM | 431700.000 | 12.773 | 17.685 | 29.113 | 5820.228 | 6765.506 | 3.742 | 4600.544 | |
| 171.815 | 1.002 | 14.775 | | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 12.779 | 17.684 | 29.128 | 5827.570 | 6774.094 | 3.747 | 4606.384 | |
| 171.598 | 1.002 | 14.775 | | | | | | | |
| 1/9/2017 10:05:00 PM | 432300.000 | 12.780 | 17.685 | 29.129 | 5833.246 | 6780.681 | 3.751 | 4610.863 | |
| 171.431 | 1.002 | 14.776 | | | | | | | |
| 1/9/2017 10:10:00 PM | 432600.000 | 12.778 | 17.685 | 29.125 | 5838.555 | 6786.797 | 3.754 | 4615.022 | |
| 171.275 | 1.002 | 14.777 | | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 12.778 | 17.685 | 29.125 | 5844.644 | 6793.902 | 3.759 | 4619.854 | |
| 171.097 | 1.002 | 14.779 | | | | | | | |
| 1/9/2017 10:20:00 PM | 433200.000 | 12.772 | 17.685 | 29.112 | 5850.577 | 6800.798 | 3.763 | 4624.543 | |
| 170.923 | 1.002 | 14.781 | | | | | | | |
| 1/9/2017 10:25:00 PM | 433500.000 | 12.770 | 17.685 | 29.108 | 5855.658 | 6806.679 | 3.766 | 4628.542 | |
| 170.775 | 1.002 | 14.783 | | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 12.769 | 17.685 | 29.104 | 5861.701 | 6813.689 | 3.770 | 4633.310 | |
| 170.599 | 1.002 | 14.785 | | | | | | | |
| 1/9/2017 10:35:00 PM | 434100.000 | 12.770 | 17.684 | 29.107 | 5863.488 | 6815.926 | 3.772 | 4634.830 | |
| 170.547 | 1.002 | 14.783 | | | | | | | |
| 1/9/2017 10:40:00 PM | 434400.000 | 12.777 | 17.685 | 29.122 | 5870.875 | 6824.378 | 3.777 | 4640.577 | |
| 170.332 | 1.002 | 14.782 | | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 12.779 | 17.685 | 29.126 | 5875.252 | 6829.429 | 3.780 | 4644.012 | |
| 170.205 | 1.002 | 14.780 | | | | | | | |
| 1/9/2017 10:50:00 PM | 435000.000 | 12.775 | 17.684 | 29.118 | 5876.958 | 6831.530 | 3.781 | 4645.440 | |
| 170.156 | 1.002 | 14.779 | | | | | | | |
| 1/9/2017 10:55:00 PM | 435300.000 | 12.777 | 17.685 | 29.123 | 5881.479 | 6836.734 | 3.784 | 4648.979 | |
| 170.025 | 1.002 | 14.777 | | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 12.776 | 17.684 | 29.121 | 5887.918 | 6844.271 | 3.788 | 4654.104 | |
| 169.839 | 1.002 | 14.776 | | | | | | | |
| 1/9/2017 11:05:00 PM | 435900.000 | 12.779 | 17.685 | 29.128 | 5890.606 | 6847.329 | 3.790 | 4656.184 | |
| 169.762 | 1.002 | 14.778 | | | | | | | |
| 1/9/2017 11:10:00 PM | 436200.000 | 12.779 | 17.685 | 29.127 | 5893.294 | 6850.439 | 3.792 | 4658.298 | |
| 169.684 | 1.002 | 14.781 | | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 12.776 | 17.685 | 29.121 | 5900.421 | 6858.698 | 3.797 | 4663.915 | |
| 169.479 | 1.002 | 14.783 | | | | | | | |
| 1/9/2017 11:20:00 PM | 436800.000 | 12.779 | 17.685 | 29.127 | 5901.734 | 6860.292 | 3.798 | 4664.999 | |
| 169.442 | 1.002 | 14.780 | | | | | | | |
| 1/9/2017 11:25:00 PM | 437100.000 | 12.782 | 17.685 | 29.135 | 5905.875 | 6865.105 | 3.801 | 4668.271 | |
| 169.323 | 1.002 | 14.776 | | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 12.784 | 17.685 | 29.139 | 5908.933 | 6868.617 | 3.803 | 4670.660 | |
| 169.235 | 1.002 | 14.772 | | | | | | | |
| 1/9/2017 11:35:00 PM | 437700.000 | 12.782 | 17.684 | 29.134 | 5912.212 | 6872.498 | 3.805 | 4673.299 | |
| 169.141 | 1.002 | 14.771 | | | | | | | |
| 1/9/2017 11:40:00 PM | 438000.000 | 12.778 | 17.684 | 29.125 | 5918.230 | 6879.506 | 3.809 | 4678.064 | |
| 168.969 | 1.002 | 14.770 | | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 12.779 | 17.685 | 29.127 | 5917.927 | 6879.060 | 3.809 | 4677.761 | |
| 168.978 | 1.002 | 14.769 | | | | | | | |
| 1/9/2017 11:50:00 PM | 438600.000 | 12.784 | 17.685 | 29.138 | 5921.679 | 6883.477 | 3.812 | 4680.765 | |
| 168.871 | 1.002 | 14.770 | | | | | | | |
| 1/9/2017 11:55:00 PM | 438900.000 | 12.779 | 17.684 | 29.127 | 5924.487 | 6886.752 | 3.814 | 4682.992 | |
| 168.791 | 1.002 | 14.771 | | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 12.778 | 17.685 | 29.125 | 5927.982 | 6890.760 | 3.816 | 4685.717 | |
| 168.691 | 1.002 | 14.772 | | | | | | | |
| 1/10/2017 12:05:00 AM | 439500.000 | 12.781 | 17.685 | 29.132 | 5930.578 | 6893.807 | 3.818 | 4687.790 | |
| 168.618 | 1.002 | 14.774 | | | | | | | |
| 1/10/2017 12:10:00 AM | 439800.000 | 12.781 | 17.685 | 29.131 | 5931.453 | 6894.824 | 3.818 | 4688.481 | |
| 168.593 | 1.002 | 14.775 | | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 12.776 | 17.685 | 29.119 | 5933.380 | 6897.050 | 3.820 | 4689.994 | |
| 168.538 | 1.002 | 14.777 | | | | | | | |
| 1/10/2017 12:20:00 AM | 440400.000 | 12.775 | 17.684 | 29.118 | 5935.094 | 6899.096 | 3.821 | 4691.385 | |
| 168.489 | 1.002 | 14.776 | | | | | | | |
| 1/10/2017 12:25:00 AM | 440700.000 | 12.779 | 17.685 | 29.127 | 5939.159 | 6903.768 | 3.824 | 4694.563 | |
| 168.374 | 1.002 | 14.776 | | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 12.782 | 17.685 | 29.133 | 5940.275 | 6904.999 | 3.824 | 4695.399 | |
| 168.342 | 1.002 | 14.776 | | | | | | | |
| 1/10/2017 12:35:00 AM | 441300.000 | 12.779 | 17.685 | 29.127 | 5942.183 | 6907.296 | 3.826 | 4696.962 | |
| 168.288 | 1.002 | 14.773 | | | | | | | |
| 1/10/2017 12:40:00 AM | 441600.000 | 12.783 | 17.685 | 29.136 | 5945.545 | 6911.176 | 3.828 | 4699.600 | |
| 168.193 | 1.002 | 14.771 | | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 12.784 | 17.685 | 29.139 | 5946.130 | 6911.830 | 3.828 | 4700.044 | |
| 168.177 | 1.002 | 14.769 | | | | | | | |
| 1/10/2017 12:50:00 AM | 442200.000 | 12.783 | 17.685 | 29.137 | 5948.019 | 6914.081 | 3.830 | 4701.575 | |
| 168.123 | 1.002 | 14.768 | | | | | | | |
| 1/10/2017 12:55:00 AM | 442500.000 | 12.780 | 17.685 | 29.129 | 5949.621 | 6915.943 | 3.831 | 4702.842 | |
| 168.078 | 1.002 | 14.767 | | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 12.781 | 17.685 | 29.131 | 5951.093 | 6917.613 | 3.832 | 4703.977 | |
| 168.036 | 1.002 | 14.766 | | | | | | | |
| 1/10/2017 1:05:00 AM | 443100.000 | 12.780 | 17.685 | 29.130 | 5955.191 | 6922.404 | 3.835 | 4707.235 | |
| 167.921 | 1.002 | 14.767 | | | | | | | |
| 1/10/2017 1:10:00 AM | 443400.000 | 12.778 | 17.685 | 29.126 | 5955.543 | 6922.798 | 3.835 | 4707.503 | |
| 167.911 | 1.002 | 14.769 | | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 12.783 | 17.685 | 29.137 | 5958.086 | 6925.675 | 3.837 | 4709.459 | |
| 167.839 | 1.002 | 14.770 | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/10/2017 1:20:00 AM | 444000.000 | 12.785 | 17.685 | 29.141 | 5957.671 | 6925.233 | 3.836 | 4709.158 |
| 167.851 | 1.002 | 14.769 | | | | | | |
| 1/10/2017 1:25:00 AM | 444300.000 | 12.781 | 17.685 | 29.132 | 5962.101 | 6930.450 | 3.839 | 4712.706 |
| 167.726 | 1.002 | 14.768 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 12.784 | 17.685 | 29.139 | 5962.493 | 6930.906 | 3.840 | 4713.017 |
| 167.715 | 1.002 | 14.767 | | | | | | |
| 1/10/2017 1:35:00 AM | 444900.000 | 12.779 | 17.685 | 29.128 | 5965.803 | 6934.768 | 3.842 | 4715.643 |
| 167.622 | 1.002 | 14.769 | | | | | | |
| 1/10/2017 1:40:00 AM | 445200.000 | 12.782 | 17.685 | 29.134 | 5965.728 | 6934.625 | 3.842 | 4715.545 |
| 167.624 | 1.002 | 14.771 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 12.775 | 17.685 | 29.118 | 5965.708 | 6934.629 | 3.842 | 4715.548 |
| 167.625 | 1.002 | 14.772 | | | | | | |
| 1/10/2017 1:50:00 AM | 445800.000 | 12.781 | 17.685 | 29.131 | 5966.368 | 6935.369 | 3.842 | 4716.051 |
| 167.606 | 1.002 | 14.772 | | | | | | |
| 1/10/2017 1:55:00 AM | 446100.000 | 12.784 | 17.684 | 29.139 | 5972.722 | 6942.822 | 3.847 | 4721.119 |
| 167.428 | 1.002 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 12.784 | 17.685 | 29.139 | 5971.658 | 6941.504 | 3.846 | 4720.224 |
| 167.458 | 1.002 | 14.771 | | | | | | |
| 1/10/2017 2:05:00 AM | 446700.000 | 12.781 | 17.685 | 29.132 | 5972.925 | 6943.002 | 3.847 | 4721.242 |
| 167.422 | 1.002 | 14.770 | | | | | | |
| 1/10/2017 2:10:00 AM | 447000.000 | 12.783 | 17.685 | 29.136 | 5973.617 | 6943.795 | 3.847 | 4721.781 |
| 167.403 | 1.002 | 14.768 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 12.787 | 17.685 | 29.146 | 5976.118 | 6946.744 | 3.849 | 4723.786 |
| 167.333 | 1.002 | 14.766 | | | | | | |
| 1/10/2017 2:20:00 AM | 447600.000 | 12.787 | 17.685 | 29.145 | 5976.033 | 6946.615 | 3.849 | 4723.699 |
| 167.335 | 1.002 | 14.767 | | | | | | |
| 1/10/2017 2:25:00 AM | 447900.000 | 12.786 | 17.684 | 29.143 | 5978.610 | 6949.666 | 3.851 | 4725.773 |
| 167.263 | 1.002 | 14.768 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 12.782 | 17.685 | 29.134 | 5979.599 | 6950.735 | 3.851 | 4726.500 |
| 167.235 | 1.002 | 14.769 | | | | | | |
| 1/10/2017 2:35:00 AM | 448500.000 | 12.782 | 17.685 | 29.134 | 5981.143 | 6952.529 | 3.852 | 4727.720 |
| 167.192 | 1.002 | 14.770 | | | | | | |
| 1/10/2017 2:40:00 AM | 448800.000 | 12.785 | 17.685 | 29.141 | 5981.781 | 6953.313 | 3.853 | 4728.253 |
| 167.174 | 1.002 | 14.770 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 12.780 | 17.685 | 29.129 | 5982.654 | 6954.312 | 3.854 | 4728.933 |
| 167.150 | 1.002 | 14.770 | | | | | | |
| 1/10/2017 2:50:00 AM | 449400.000 | 12.786 | 17.685 | 29.144 | 5984.656 | 6956.626 | 3.855 | 4730.506 |
| 167.094 | 1.002 | 14.767 | | | | | | |
| 1/10/2017 2:55:00 AM | 449700.000 | 12.788 | 17.685 | 29.148 | 5983.687 | 6955.473 | 3.854 | 4729.722 |
| 167.121 | 1.002 | 14.764 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 12.786 | 17.685 | 29.143 | 5988.072 | 6960.571 | 3.857 | 4733.188 |
| 166.999 | 1.002 | 14.762 | | | | | | |
| 1/10/2017 3:05:00 AM | 450300.000 | 12.787 | 17.685 | 29.147 | 5986.091 | 6958.351 | 3.856 | 4731.679 |
| 167.054 | 1.002 | 14.761 | | | | | | |
| 1/10/2017 3:10:00 AM | 450600.000 | 12.788 | 17.685 | 29.147 | 5987.392 | 6959.819 | 3.857 | 4732.677 |
| 167.018 | 1.002 | 14.760 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 12.791 | 17.685 | 29.154 | 5988.179 | 6960.764 | 3.857 | 4733.320 |
| 166.996 | 1.002 | 14.759 | | | | | | |
| 1/10/2017 3:20:00 AM | 451200.000 | 12.792 | 17.685 | 29.158 | 5990.894 | 6963.851 | 3.859 | 4735.419 |
| 166.920 | 1.002 | 14.757 | | | | | | |
| 1/10/2017 3:25:00 AM | 451500.000 | 12.789 | 17.685 | 29.150 | 5989.371 | 6962.135 | 3.858 | 4734.252 |
| 166.962 | 1.002 | 14.755 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 12.794 | 17.685 | 29.161 | 5991.819 | 6964.995 | 3.860 | 4736.197 |
| 166.894 | 1.002 | 14.754 | | | | | | |
| 1/10/2017 3:35:00 AM | 452100.000 | 12.793 | 17.685 | 29.159 | 5990.957 | 6963.979 | 3.859 | 4735.506 |
| 166.918 | 1.002 | 14.755 | | | | | | |
| 1/10/2017 3:40:00 AM | 452400.000 | 12.786 | 17.685 | 29.144 | 5992.394 | 6965.649 | 3.860 | 4736.642 |
| 166.878 | 1.002 | 14.756 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 12.786 | 17.685 | 29.142 | 5992.352 | 6965.614 | 3.860 | 4736.618 |
| 166.879 | 1.002 | 14.757 | | | | | | |
| 1/10/2017 3:50:00 AM | 453000.000 | 12.787 | 17.685 | 29.146 | 5993.737 | 6967.210 | 3.861 | 4737.703 |
| 166.841 | 1.002 | 14.759 | | | | | | |
| 1/10/2017 3:55:00 AM | 453300.000 | 12.786 | 17.684 | 29.144 | 5994.428 | 6968.094 | 3.862 | 4738.304 |
| 166.822 | 1.002 | 14.760 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 12.780 | 17.685 | 29.128 | 5994.003 | 6967.493 | 3.861 | 4737.895 |
| 166.833 | 1.002 | 14.761 | | | | | | |
| 1/10/2017 4:05:00 AM | 453900.000 | 12.781 | 17.685 | 29.132 | 5996.215 | 6969.983 | 3.863 | 4739.589 |
| 166.772 | 1.002 | 14.758 | | | | | | |
| 1/10/2017 4:10:00 AM | 454200.000 | 12.787 | 17.685 | 29.145 | 5995.706 | 6969.484 | 3.863 | 4739.249 |
| 166.786 | 1.002 | 14.755 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 12.791 | 17.685 | 29.155 | 5995.663 | 6969.408 | 3.862 | 4739.197 |
| 166.787 | 1.002 | 14.753 | | | | | | |
| 1/10/2017 4:20:00 AM | 454800.000 | 12.790 | 17.685 | 29.153 | 5995.663 | 6969.433 | 3.862 | 4739.214 |
| 166.787 | 1.002 | 14.751 | | | | | | |
| 1/10/2017 4:25:00 AM | 455100.000 | 12.791 | 17.685 | 29.155 | 5996.034 | 6969.772 | 3.863 | 4739.446 |
| 166.777 | 1.002 | 14.750 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 12.787 | 17.685 | 29.145 | 5997.665 | 6971.749 | 3.864 | 4740.790 |
| 166.732 | 1.002 | 14.749 | | | | | | |
| 1/10/2017 4:35:00 AM | 455700.000 | 12.790 | 17.685 | 29.152 | 5998.322 | 6972.473 | 3.864 | 4741.282 |
| 166.713 | 1.002 | 14.747 | | | | | | |
| 1/10/2017 4:40:00 AM | 456000.000 | 12.795 | 17.685 | 29.164 | 5997.770 | 6971.883 | 3.864 | 4740.880 |
| 166.729 | 1.002 | 14.745 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 12.797 | 17.685 | 29.169 | 5998.377 | 6972.604 | 3.864 | 4741.371 |
| 166.712 | 1.002 | 14.744 | | | | | | |
| 1/10/2017 4:50:00 AM | 456600.000 | 12.791 | 17.685 | 29.155 | 5999.334 | 6973.701 | 3.865 | 4742.117 |
| 166.685 | 1.002 | 14.744 | | | | | | |
| 1/10/2017 4:55:00 AM | 456900.000 | 12.790 | 17.685 | 29.153 | 6001.167 | 6975.831 | 3.866 | 4743.565 |
| 166.634 | 1.002 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 12.794 | 17.685 | 29.161 | 5999.430 | 6973.813 | 3.865 | 4742.193 |
| 166.682 | 1.002 | 14.744 | | | | | | |
| 1/10/2017 5:05:00 AM | 457500.000 | 12.798 | 17.685 | 29.170 | 6000.422 | 6974.927 | 3.866 | 4742.950 |
| 166.655 | 1.002 | 14.740 | | | | | | |
| 1/10/2017 5:10:00 AM | 457800.000 | 12.794 | 17.685 | 29.163 | 6002.208 | 6977.058 | 3.867 | 4744.399 |
| 166.605 | 1.002 | 14.737 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 12.798 | 17.684 | 29.170 | 6002.071 | 6976.952 | 3.867 | 4744.328 |
| 166.609 | 1.002 | 14.733 | | | | | | |
| 1/10/2017 5:20:00 AM | 458400.000 | 12.800 | 17.685 | 29.175 | 6000.388 | 6974.899 | 3.866 | 4742.932 |
| 166.656 | 1.002 | 14.736 | | | | | | |
| 1/10/2017 5:25:00 AM | 458700.000 | 12.793 | 17.685 | 29.159 | 6002.485 | 6977.379 | 3.867 | 4744.618 |
| 166.598 | 1.002 | 14.738 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 12.795 | 17.685 | 29.164 | 6001.837 | 6976.640 | 3.867 | 4744.115 |
| 166.616 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 5:35:00 AM | 459300.000 | 12.792 | 17.685 | 29.157 | 6003.063 | 6978.010 | 3.868 | 4745.047 |
| 166.582 | 1.002 | 14.739 | | | | | | |
| 1/10/2017 5:40:00 AM | 459600.000 | 12.798 | 17.685 | 29.171 | 6002.700 | 6977.562 | 3.867 | 4744.742 |
| 166.592 | 1.002 | 14.737 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 12.796 | 17.685 | 29.166 | 6001.707 | 6976.447 | 3.867 | 4743.985 |
| 166.619 | 1.002 | 14.735 | | | | | | |
| 1/10/2017 5:50:00 AM | 460200.000 | 12.794 | 17.685 | 29.162 | 6002.219 | 6977.054 | 3.867 | 4744.397 |
| 166.605 | 1.002 | 14.737 | | | | | | |
| 1/10/2017 5:55:00 AM | 460500.000 | 12.792 | 17.685 | 29.157 | 6003.149 | 6978.135 | 3.868 | 4745.132 |
| 166.579 | 1.002 | 14.739 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 12.795 | 17.685 | 29.165 | 6002.049 | 6976.845 | 3.867 | 4744.255 |
| 166.610 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 6:05:00 AM | 461100.000 | 12.796 | 17.685 | 29.165 | 6002.708 | 6977.584 | 3.867 | 4744.758 |
| 166.591 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 6:10:00 AM | 461400.000 | 12.792 | 17.685 | 29.158 | 6002.060 | 6976.913 | 3.867 | 4744.301 |
| 166.609 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 12.792 | 17.685 | 29.158 | 6002.571 | 6977.464 | 3.867 | 4744.676 |
| 166.595 | 1.002 | 14.740 | | | | | | |
| 1/10/2017 6:20:00 AM | 462000.000 | 12.796 | 17.685 | 29.167 | 6002.380 | 6977.257 | 3.867 | 4744.535 |
| 166.601 | 1.002 | 14.738 | | | | | | |
| 1/10/2017 6:25:00 AM | 462300.000 | 12.799 | 17.685 | 29.174 | 6003.154 | 6978.089 | 3.868 | 4745.101 |
| 166.579 | 1.002 | 14.735 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 12.801 | 17.685 | 29.178 | 6004.178 | 6979.265 | 3.868 | 4745.900 |
| 166.551 | 1.002 | 14.733 | | | | | | |
| 1/10/2017 6:35:00 AM | 462900.000 | 12.804 | 17.685 | 29.185 | 6004.477 | 6979.612 | 3.869 | 4746.137 |
| 166.542 | 1.002 | 14.733 | | | | | | |
| 1/10/2017 6:40:00 AM | 463200.000 | 12.798 | 17.685 | 29.171 | 6003.220 | 6978.218 | 3.868 | 4745.188 |
| 166.577 | 1.002 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 12.802 | 17.685 | 29.179 | 6003.338 | 6978.290 | 3.868 | 4745.237 |
| 166.574 | 1.002 | 14.734 | | | | | | |
| 1/10/2017 6:50:00 AM | 463800.000 | 12.802 | 17.685 | 29.179 | 6004.181 | 6979.378 | 3.868 | 4745.978 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 166.551 | 1.002 | 14.736 | | | | | | |
| 1/10/2017 6:55:00 AM | 464100.000 | 12.796 | 17.685 | 29.166 | 6005.746 | 6981.169 | 3.869 | 4747.196 |
| 166.507 | 1.002 | 14.739 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 12.794 | 17.684 | 29.161 | 6002.550 | 6977.495 | 3.867 | 4744.697 |
| 166.596 | 1.002 | 14.742 | | | | | | |
| 1/10/2017 7:05:00 AM | 464700.000 | 12.795 | 17.685 | 29.163 | 6003.071 | 6978.060 | 3.868 | 4745.082 |
| 166.581 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 7:10:00 AM | 465000.000 | 12.796 | 17.685 | 29.165 | 6003.886 | 6978.953 | 3.868 | 4745.688 |
| 166.559 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 12.796 | 17.685 | 29.165 | 6002.727 | 6977.606 | 3.867 | 4744.772 |
| 166.591 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 7:20:00 AM | 465600.000 | 12.800 | 17.685 | 29.174 | 6003.304 | 6978.359 | 3.868 | 4745.285 |
| 166.575 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 7:25:00 AM | 465900.000 | 12.801 | 17.685 | 29.177 | 5999.615 | 6973.976 | 3.865 | 4742.303 |
| 166.677 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 12.797 | 17.685 | 29.169 | 5995.062 | 6968.709 | 3.862 | 4738.722 |
| 166.804 | 1.002 | 14.740 | | | | | | |
| 1/10/2017 7:35:00 AM | 466500.000 | 12.803 | 17.685 | 29.182 | 5988.551 | 6961.155 | 3.858 | 4733.586 |
| 166.985 | 1.002 | 14.739 | | | | | | |
| 1/10/2017 7:40:00 AM | 466800.000 | 12.803 | 17.685 | 29.183 | 5976.363 | 6946.947 | 3.849 | 4723.924 |
| 167.326 | 1.002 | 14.738 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 12.803 | 17.685 | 29.182 | 5966.240 | 6935.180 | 3.842 | 4715.922 |
| 167.610 | 1.002 | 14.737 | | | | | | |
| 1/10/2017 7:50:00 AM | 467400.000 | 12.798 | 17.685 | 29.170 | 5957.702 | 6925.269 | 3.836 | 4709.183 |
| 167.850 | 1.002 | 14.737 | | | | | | |
| 1/10/2017 7:55:00 AM | 467700.000 | 12.802 | 17.686 | 29.180 | 5948.778 | 6914.801 | 3.830 | 4702.064 |
| 168.102 | 1.002 | 14.738 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 12.795 | 17.685 | 29.163 | 5941.936 | 6906.996 | 3.826 | 4696.757 |
| 168.295 | 1.002 | 14.739 | | | | | | |
| 1/10/2017 8:05:00 AM | 468300.000 | 12.795 | 17.686 | 29.165 | 5933.927 | 6897.564 | 3.820 | 4690.344 |
| 168.522 | 1.002 | 14.738 | | | | | | |
| 1/10/2017 8:10:00 AM | 468600.000 | 12.801 | 17.685 | 29.177 | 5929.912 | 6892.992 | 3.817 | 4687.234 |
| 168.637 | 1.002 | 14.738 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 12.798 | 17.685 | 29.171 | 5923.683 | 6885.737 | 3.813 | 4682.302 |
| 168.814 | 1.002 | 14.737 | | | | | | |
| 1/10/2017 8:20:00 AM | 469200.000 | 12.798 | 17.685 | 29.171 | 5916.320 | 6877.140 | 3.808 | 4676.456 |
| 169.024 | 1.002 | 14.738 | | | | | | |
| 1/10/2017 8:25:00 AM | 469500.000 | 12.797 | 17.685 | 29.169 | 5911.148 | 6871.167 | 3.804 | 4672.394 |
| 169.172 | 1.002 | 14.739 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 12.797 | 17.685 | 29.168 | 5905.051 | 6864.093 | 3.800 | 4667.583 |
| 169.347 | 1.002 | 14.739 | | | | | | |
| 1/10/2017 8:35:00 AM | 470100.000 | 12.801 | 17.685 | 29.178 | 5901.920 | 6860.427 | 3.798 | 4665.091 |
| 169.436 | 1.002 | 14.740 | | | | | | |
| 1/10/2017 8:40:00 AM | 470400.000 | 12.795 | 17.685 | 29.164 | 5897.679 | 6855.523 | 3.795 | 4661.756 |
| 169.558 | 1.002 | 14.742 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 12.800 | 17.685 | 29.174 | 5893.152 | 6850.262 | 3.792 | 4658.178 |
| 169.688 | 1.002 | 14.743 | | | | | | |
| 1/10/2017 8:50:00 AM | 471000.000 | 12.796 | 17.686 | 29.166 | 5889.987 | 6846.477 | 3.790 | 4655.605 |
| 169.780 | 1.002 | 14.742 | | | | | | |
| 1/10/2017 8:55:00 AM | 471300.000 | 12.796 | 17.685 | 29.167 | 5887.025 | 6843.126 | 3.788 | 4653.327 |
| 169.865 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 12.798 | 17.685 | 29.169 | 5878.822 | 6833.617 | 3.782 | 4646.860 |
| 170.102 | 1.002 | 14.740 | | | | | | |
| 1/10/2017 9:05:00 AM | 471900.000 | 12.799 | 17.685 | 29.173 | 5875.019 | 6829.170 | 3.779 | 4643.835 |
| 170.212 | 1.002 | 14.742 | | | | | | |
| 1/10/2017 9:10:00 AM | 472200.000 | 12.798 | 17.685 | 29.170 | 5871.642 | 6825.245 | 3.777 | 4641.167 |
| 170.310 | 1.002 | 14.745 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 12.792 | 17.686 | 29.157 | 5868.518 | 6821.533 | 3.775 | 4638.643 |
| 170.401 | 1.002 | 14.747 | | | | | | |
| 1/10/2017 9:20:00 AM | 472800.000 | 12.790 | 17.685 | 29.153 | 5866.072 | 6818.744 | 3.773 | 4636.747 |
| 170.472 | 1.002 | 14.747 | | | | | | |
| 1/10/2017 9:25:00 AM | 473100.000 | 12.789 | 17.685 | 29.151 | 5859.785 | 6811.461 | 3.769 | 4631.794 |
| 170.655 | 1.002 | 14.748 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 12.796 | 17.685 | 29.165 | 5857.313 | 6808.524 | 3.767 | 4629.796 |
| 170.727 | 1.002 | 14.749 | | | | | | |
| 1/10/2017 9:35:00 AM | 473700.000 | 12.791 | 17.685 | 29.154 | 5853.372 | 6803.981 | 3.765 | 4626.708 |
| 170.842 | 1.002 | 14.749 | | | | | | |
| 1/10/2017 9:40:00 AM | 474000.000 | 12.791 | 17.685 | 29.155 | 5850.647 | 6800.854 | 3.763 | 4624.581 |
| 170.921 | 1.002 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 12.793 | 17.685 | 29.160 | 5844.922 | 6794.226 | 3.759 | 4620.073 |
| 171.089 | 1.002 | 14.749 | | | | | | |
| 1/10/2017 9:50:00 AM | 474600.000 | 12.792 | 17.685 | 29.157 | 5841.507 | 6790.229 | 3.756 | 4617.356 |
| 171.189 | 1.002 | 14.749 | | | | | | |
| 1/10/2017 9:55:00 AM | 474900.000 | 12.794 | 17.685 | 29.161 | 5838.586 | 6786.795 | 3.754 | 4615.021 |
| 171.274 | 1.002 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 12.798 | 17.686 | 29.172 | 5833.988 | 6781.396 | 3.751 | 4611.349 |
| 171.409 | 1.002 | 14.750 | | | | | | |
| 1/10/2017 10:05:00 AM | 475500.000 | 12.799 | 17.685 | 29.174 | 5831.304 | 6778.380 | 3.749 | 4609.299 |
| 171.488 | 1.002 | 14.748 | | | | | | |
| 1/10/2017 10:10:00 AM | 475800.000 | 12.799 | 17.685 | 29.173 | 5829.085 | 6775.712 | 3.748 | 4607.485 |
| 171.553 | 1.002 | 14.747 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 12.799 | 17.685 | 29.172 | 5826.089 | 6772.281 | 3.746 | 4605.152 |
| 171.642 | 1.002 | 14.746 | | | | | | |
| 1/10/2017 10:20:00 AM | 476400.000 | 12.795 | 17.685 | 29.163 | 5822.867 | 6768.574 | 3.744 | 4602.631 |
| 171.737 | 1.002 | 14.745 | | | | | | |
| 1/10/2017 10:25:00 AM | 476700.000 | 12.799 | 17.685 | 29.172 | 5822.168 | 6767.710 | 3.743 | 4602.043 |
| 171.757 | 1.002 | 14.744 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 12.799 | 17.685 | 29.173 | 5818.980 | 6764.030 | 3.741 | 4599.541 |
| 171.851 | 1.002 | 14.743 | | | | | | |
| 1/10/2017 10:35:00 AM | 477300.000 | 12.799 | 17.685 | 29.174 | 5816.115 | 6760.753 | 3.739 | 4597.313 |
| 171.936 | 1.002 | 14.742 | | | | | | |
| 1/10/2017 10:40:00 AM | 477600.000 | 12.796 | 17.685 | 29.165 | 5810.500 | 6754.134 | 3.735 | 4592.812 |
| 172.102 | 1.002 | 14.741 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 12.799 | 17.685 | 29.174 | 5811.141 | 6754.905 | 3.736 | 4593.335 |
| 172.083 | 1.002 | 14.740 | | | | | | |
| 1/10/2017 10:50:00 AM | 478200.000 | 12.800 | 17.685 | 29.176 | 5807.879 | 6751.140 | 3.733 | 4590.775 |
| 172.180 | 1.002 | 14.738 | | | | | | |
| 1/10/2017 10:55:00 AM | 478500.000 | 12.798 | 17.685 | 29.170 | 5803.608 | 6746.136 | 3.730 | 4587.373 |
| 172.307 | 1.002 | 14.736 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 12.798 | 17.685 | 29.172 | 5801.405 | 6743.601 | 3.729 | 4585.649 |
| 172.372 | 1.002 | 14.733 | | | | | | |
| 1/10/2017 11:05:00 AM | 479100.000 | 12.799 | 17.685 | 29.173 | 5801.973 | 6744.260 | 3.729 | 4586.097 |
| 172.355 | 1.002 | 14.732 | | | | | | |
| 1/10/2017 11:10:00 AM | 479400.000 | 12.802 | 17.686 | 29.179 | 5799.477 | 6741.254 | 3.728 | 4584.053 |
| 172.429 | 1.002 | 14.731 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 12.794 | 17.685 | 29.162 | 5797.840 | 6739.432 | 3.726 | 4582.814 |
| 172.478 | 1.002 | 14.730 | | | | | | |
| 1/10/2017 11:20:00 AM | 480000.000 | 12.794 | 17.685 | 29.161 | 5795.185 | 6736.371 | 3.725 | 4580.732 |
| 172.557 | 1.002 | 14.730 | | | | | | |
| 1/10/2017 11:25:00 AM | 480300.000 | 12.794 | 17.685 | 29.160 | 5791.036 | 6731.484 | 3.722 | 4577.409 |
| 172.681 | 1.002 | 14.729 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 12.793 | 17.685 | 29.159 | 5791.922 | 6732.591 | 3.722 | 4578.162 |
| 172.654 | 1.002 | 14.729 | | | | | | |
| 1/10/2017 11:35:00 AM | 480900.000 | 12.799 | 17.685 | 29.174 | 5786.963 | 6726.801 | 3.719 | 4574.225 |
| 172.802 | 1.002 | 14.730 | | | | | | |
| 1/10/2017 11:40:00 AM | 481200.000 | 12.794 | 17.686 | 29.161 | 5787.315 | 6727.144 | 3.719 | 4574.458 |
| 172.792 | 1.002 | 14.730 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 12.793 | 17.685 | 29.158 | 5783.510 | 6722.824 | 3.717 | 4571.521 |
| 172.905 | 1.001 | 14.730 | | | | | | |
| 1/10/2017 11:50:00 AM | 481800.000 | 12.791 | 17.685 | 29.154 | 5782.460 | 6721.566 | 3.716 | 4570.666 |
| 172.937 | 1.001 | 14.726 | | | | | | |
| 1/10/2017 11:55:00 AM | 482100.000 | 12.793 | 17.686 | 29.160 | 5779.891 | 6718.503 | 3.714 | 4568.582 |
| 173.014 | 1.001 | 14.721 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 12.795 | 17.685 | 29.165 | 5777.434 | 6715.750 | 3.712 | 4566.710 |
| 173.087 | 1.001 | 14.717 | | | | | | |
| 1/10/2017 12:05:00 PM | 482700.000 | 12.800 | 17.685 | 29.174 | 5777.563 | 6715.900 | 3.713 | 4566.812 |
| 173.083 | 1.001 | 14.717 | | | | | | |
| 1/10/2017 12:10:00 PM | 483000.000 | 12.791 | 17.685 | 29.154 | 5776.421 | 6714.559 | 3.712 | 4565.900 |
| 173.118 | 1.001 | 14.716 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 12.793 | 17.685 | 29.160 | 5771.943 | 6709.315 | 3.709 | 4562.334 |
| 173.252 | 1.001 | 14.716 | | | | | | |
| 1/10/2017 12:20:00 PM | 483600.000 | 12.790 | 17.685 | 29.152 | 5771.523 | 6708.827 | 3.708 | 4562.002 |
| 173.264 | 1.001 | 14.713 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/10/2017 12:25:00 PM | 483900.000 | 12.793 | 17.685 | 29.159 | 5771.048 | 6708.289 | 3.708 | 4561.636 |
| 173.279 | 1.001 | 14.710 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 12.795 | 17.685 | 29.163 | 5766.734 | 6703.352 | 3.705 | 4558.279 |
| 173.408 | 1.001 | 14.707 | | | | | | |
| 1/10/2017 12:35:00 PM | 484500.000 | 12.794 | 17.685 | 29.161 | 5766.489 | 6703.027 | 3.705 | 4558.058 |
| 173.416 | 1.001 | 14.705 | | | | | | |
| 1/10/2017 12:40:00 PM | 484800.000 | 12.794 | 17.685 | 29.162 | 5763.652 | 6699.677 | 3.703 | 4555.781 |
| 173.501 | 1.001 | 14.702 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 12.798 | 17.685 | 29.171 | 5761.298 | 6697.046 | 3.701 | 4553.992 |
| 173.572 | 1.001 | 14.700 | | | | | | |
| 1/10/2017 12:50:00 PM | 485400.000 | 12.793 | 17.685 | 29.160 | 5759.886 | 6695.288 | 3.700 | 4552.795 |
| 173.615 | 1.001 | 14.702 | | | | | | |
| 1/10/2017 12:55:00 PM | 485700.000 | 12.788 | 17.685 | 29.149 | 5758.217 | 6693.424 | 3.699 | 4551.528 |
| 173.665 | 1.001 | 14.705 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 12.787 | 17.685 | 29.146 | 5758.960 | 6694.224 | 3.700 | 4552.073 |
| 173.642 | 1.001 | 14.708 | | | | | | |
| 1/10/2017 1:05:00 PM | 486300.000 | 12.790 | 17.685 | 29.152 | 5756.210 | 6691.041 | 3.698 | 4549.908 |
| 173.725 | 1.001 | 14.704 | | | | | | |
| 1/10/2017 1:10:00 PM | 486600.000 | 12.792 | 17.685 | 29.158 | 5757.373 | 6692.393 | 3.699 | 4550.828 |
| 173.690 | 1.001 | 14.700 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 12.794 | 17.685 | 29.161 | 5755.710 | 6690.510 | 3.698 | 4549.547 |
| 173.740 | 1.001 | 14.696 | | | | | | |
| 1/10/2017 1:20:00 PM | 487200.000 | 12.799 | 17.685 | 29.173 | 5752.806 | 6687.084 | 3.696 | 4547.217 |
| 173.828 | 1.001 | 14.697 | | | | | | |
| 1/10/2017 1:25:00 PM | 487500.000 | 12.793 | 17.685 | 29.158 | 5753.697 | 6688.144 | 3.696 | 4547.938 |
| 173.801 | 1.001 | 14.697 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 12.791 | 17.685 | 29.156 | 5752.773 | 6687.124 | 3.696 | 4547.245 |
| 173.829 | 1.001 | 14.698 | | | | | | |
| 1/10/2017 1:35:00 PM | 488100.000 | 12.788 | 17.685 | 29.148 | 5750.452 | 6684.360 | 3.694 | 4545.365 |
| 173.899 | 1.001 | 14.696 | | | | | | |
| 1/10/2017 1:40:00 PM | 488400.000 | 12.792 | 17.685 | 29.157 | 5750.313 | 6684.147 | 3.694 | 4545.220 |
| 173.904 | 1.001 | 14.695 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 12.786 | 17.685 | 29.143 | 5748.629 | 6682.228 | 3.693 | 4543.915 |
| 173.955 | 1.001 | 14.694 | | | | | | |
| 1/10/2017 1:50:00 PM | 489000.000 | 12.787 | 17.685 | 29.145 | 5746.021 | 6679.235 | 3.691 | 4541.880 |
| 174.033 | 1.001 | 14.692 | | | | | | |
| 1/10/2017 1:55:00 PM | 489300.000 | 12.789 | 17.685 | 29.150 | 5747.691 | 6681.203 | 3.692 | 4543.218 |
| 173.983 | 1.001 | 14.690 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 12.786 | 17.685 | 29.143 | 5748.446 | 6682.028 | 3.693 | 4543.779 |
| 173.960 | 1.001 | 14.689 | | | | | | |
| 1/10/2017 2:05:00 PM | 489900.000 | 12.789 | 17.685 | 29.150 | 5746.427 | 6679.693 | 3.691 | 4542.191 |
| 174.021 | 1.001 | 14.685 | | | | | | |
| 1/10/2017 2:10:00 PM | 490200.000 | 12.793 | 17.685 | 29.159 | 5744.263 | 6677.166 | 3.690 | 4540.473 |
| 174.087 | 1.001 | 14.681 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 12.801 | 17.685 | 29.178 | 5746.190 | 6679.367 | 3.691 | 4541.970 |
| 174.028 | 1.001 | 14.677 | | | | | | |
| 1/10/2017 2:20:00 PM | 490800.000 | 12.795 | 17.686 | 29.164 | 5744.074 | 6676.880 | 3.690 | 4540.279 |
| 174.092 | 1.001 | 14.680 | | | | | | |
| 1/10/2017 2:25:00 PM | 491100.000 | 12.789 | 17.686 | 29.150 | 5745.611 | 6678.667 | 3.691 | 4541.494 |
| 174.046 | 1.001 | 14.684 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 12.787 | 17.685 | 29.146 | 5744.976 | 6678.060 | 3.690 | 4541.082 |
| 174.065 | 1.001 | 14.688 | | | | | | |
| 1/10/2017 2:35:00 PM | 491700.000 | 12.789 | 17.685 | 29.151 | 5743.104 | 6675.767 | 3.689 | 4539.521 |
| 174.122 | 1.001 | 14.686 | | | | | | |
| 1/10/2017 2:40:00 PM | 492000.000 | 12.784 | 17.685 | 29.138 | 5742.592 | 6675.197 | 3.689 | 4539.134 |
| 174.137 | 1.001 | 14.684 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 12.789 | 17.685 | 29.151 | 5744.421 | 6677.375 | 3.690 | 4540.616 |
| 174.082 | 1.001 | 14.683 | | | | | | |
| 1/10/2017 2:50:00 PM | 492600.000 | 12.784 | 17.685 | 29.139 | 5742.911 | 6675.673 | 3.689 | 4539.458 |
| 174.128 | 1.001 | 14.682 | | | | | | |
| 1/10/2017 2:55:00 PM | 492900.000 | 12.785 | 17.685 | 29.140 | 5743.047 | 6675.818 | 3.689 | 4539.557 |
| 174.124 | 1.001 | 14.681 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 12.783 | 17.685 | 29.137 | 5743.606 | 6676.402 | 3.689 | 4539.954 |
| 174.107 | 1.001 | 14.681 | | | | | | |
| 1/10/2017 3:05:00 PM | 493500.000 | 12.786 | 17.685 | 29.144 | 5744.518 | 6677.474 | 3.690 | 4540.683 |
| 174.079 | 1.001 | 14.680 | | | | | | |
| 1/10/2017 3:10:00 PM | 493800.000 | 12.787 | 17.685 | 29.145 | 5743.197 | 6675.939 | 3.689 | 4539.639 |
| 174.119 | 1.001 | 14.679 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 12.786 | 17.685 | 29.143 | 5743.343 | 6676.109 | 3.689 | 4539.754 |
| 174.115 | 1.001 | 14.679 | | | | | | |
| 1/10/2017 3:20:00 PM | 494400.000 | 12.783 | 17.685 | 29.136 | 5742.610 | 6675.282 | 3.689 | 4539.192 |
| 174.137 | 1.001 | 14.676 | | | | | | |
| 1/10/2017 3:25:00 PM | 494700.000 | 12.779 | 17.685 | 29.128 | 5742.941 | 6675.616 | 3.689 | 4539.419 |
| 174.127 | 1.001 | 14.674 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 12.790 | 17.685 | 29.153 | 5742.780 | 6675.467 | 3.689 | 4539.318 |
| 174.132 | 1.001 | 14.671 | | | | | | |
| 1/10/2017 3:35:00 PM | 495300.000 | 12.788 | 17.685 | 29.147 | 5742.101 | 6674.640 | 3.688 | 4538.755 |
| 174.152 | 1.001 | 14.669 | | | | | | |
| 1/10/2017 3:40:00 PM | 495600.000 | 12.796 | 17.685 | 29.166 | 5743.768 | 6676.564 | 3.689 | 4540.064 |
| 174.102 | 1.001 | 14.668 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 12.796 | 17.685 | 29.166 | 5743.897 | 6676.806 | 3.689 | 4540.229 |
| 174.098 | 1.001 | 14.666 | | | | | | |
| 1/10/2017 3:50:00 PM | 496200.000 | 12.791 | 17.685 | 29.154 | 5742.651 | 6675.330 | 3.689 | 4539.224 |
| 174.136 | 1.001 | 14.665 | | | | | | |
| 1/10/2017 3:55:00 PM | 496500.000 | 12.792 | 17.685 | 29.158 | 5744.664 | 6677.697 | 3.690 | 4540.834 |
| 174.075 | 1.001 | 14.665 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 12.790 | 17.684 | 29.152 | 5743.444 | 6676.304 | 3.689 | 4539.887 |
| 174.112 | 1.001 | 14.664 | | | | | | |
| 1/10/2017 4:05:00 PM | 497100.000 | 12.789 | 17.685 | 29.149 | 5745.327 | 6678.428 | 3.690 | 4541.331 |
| 174.055 | 1.001 | 14.664 | | | | | | |
| 1/10/2017 4:10:00 PM | 497400.000 | 12.788 | 17.685 | 29.147 | 5744.343 | 6677.271 | 3.690 | 4540.544 |
| 174.084 | 1.001 | 14.663 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 12.787 | 17.685 | 29.147 | 5745.139 | 6678.197 | 3.690 | 4541.174 |
| 174.060 | 1.001 | 14.663 | | | | | | |
| 1/10/2017 4:20:00 PM | 498000.000 | 12.784 | 17.685 | 29.139 | 5745.306 | 6678.366 | 3.690 | 4541.289 |
| 174.055 | 1.001 | 14.664 | | | | | | |
| 1/10/2017 4:25:00 PM | 498300.000 | 12.781 | 17.685 | 29.132 | 5743.422 | 6676.201 | 3.689 | 4539.817 |
| 174.112 | 1.001 | 14.665 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 12.781 | 17.685 | 29.132 | 5743.623 | 6676.448 | 3.689 | 4539.985 |
| 174.106 | 1.001 | 14.666 | | | | | | |
| 1/10/2017 4:35:00 PM | 498900.000 | 12.783 | 17.685 | 29.137 | 5745.710 | 6678.860 | 3.691 | 4541.625 |
| 174.043 | 1.001 | 14.664 | | | | | | |
| 1/10/2017 4:40:00 PM | 499200.000 | 12.784 | 17.685 | 29.139 | 5744.632 | 6677.583 | 3.690 | 4540.757 |
| 174.076 | 1.001 | 14.663 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 12.785 | 17.685 | 29.141 | 5745.908 | 6679.065 | 3.691 | 4541.764 |
| 174.037 | 1.001 | 14.662 | | | | | | |
| 1/10/2017 4:50:00 PM | 499800.000 | 12.778 | 17.685 | 29.126 | 5746.394 | 6679.695 | 3.691 | 4542.193 |
| 174.022 | 1.001 | 14.655 | | | | | | |
| 1/10/2017 4:55:00 PM | 500100.000 | 12.787 | 17.685 | 29.145 | 5744.183 | 6677.085 | 3.690 | 4540.418 |
| 174.089 | 1.001 | 14.648 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 12.795 | 17.685 | 29.164 | 5744.036 | 6676.927 | 3.690 | 4540.311 |
| 174.094 | 1.001 | 14.640 | | | | | | |
| 1/10/2017 5:05:00 PM | 500700.000 | 12.795 | 17.685 | 29.165 | 5745.318 | 6678.405 | 3.690 | 4541.315 |
| 174.055 | 1.001 | 14.642 | | | | | | |
| 1/10/2017 5:10:00 PM | 501000.000 | 12.789 | 17.685 | 29.150 | 5744.883 | 6677.912 | 3.690 | 4540.981 |
| 174.068 | 1.001 | 14.645 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 12.787 | 17.685 | 29.146 | 5744.538 | 6677.472 | 3.690 | 4540.681 |
| 174.078 | 1.001 | 14.647 | | | | | | |
| 1/10/2017 5:20:00 PM | 501600.000 | 12.783 | 17.685 | 29.136 | 5743.950 | 6676.854 | 3.689 | 4540.261 |
| 174.096 | 1.001 | 14.643 | | | | | | |
| 1/10/2017 5:25:00 PM | 501900.000 | 12.785 | 17.685 | 29.140 | 5744.752 | 6677.800 | 3.690 | 4540.904 |
| 174.072 | 1.001 | 14.640 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 12.791 | 17.685 | 29.154 | 5743.767 | 6676.551 | 3.689 | 4540.055 |
| 174.102 | 1.001 | 14.637 | | | | | | |
| 1/10/2017 5:35:00 PM | 502500.000 | 12.783 | 17.685 | 29.137 | 5742.956 | 6675.633 | 3.689 | 4539.431 |
| 174.126 | 1.001 | 14.641 | | | | | | |
| 1/10/2017 5:40:00 PM | 502800.000 | 12.781 | 17.685 | 29.131 | 5743.454 | 6676.251 | 3.689 | 4539.851 |
| 174.111 | 1.001 | 14.645 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 12.787 | 17.685 | 29.145 | 5742.989 | 6675.659 | 3.689 | 4539.448 |
| 174.125 | 1.001 | 14.649 | | | | | | |
| 1/10/2017 5:50:00 PM | 503400.000 | 12.790 | 17.685 | 29.153 | 5742.593 | 6675.224 | 3.689 | 4539.153 |
| 174.137 | 1.001 | 14.648 | | | | | | |
| 1/10/2017 5:55:00 PM | 503700.000 | 12.789 | 17.685 | 29.150 | 5743.170 | 6675.921 | 3.689 | 4539.626 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 174.120 | 1.001 | 14.648 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 12.783 | 17.685 | 29.137 | 5741.374 | 6673.833 | 3.688 | 4538.207 |
| 174.174 | 1.001 | 14.648 | | | | | | |
| 1/10/2017 6:05:00 PM | 504300.000 | 12.785 | 17.685 | 29.141 | 5743.291 | 6676.062 | 3.689 | 4539.722 |
| 174.116 | 1.001 | 14.647 | | | | | | |
| 1/10/2017 6:10:00 PM | 504600.000 | 12.784 | 17.685 | 29.138 | 5741.313 | 6673.790 | 3.688 | 4538.177 |
| 174.176 | 1.001 | 14.646 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 12.788 | 17.685 | 29.147 | 5743.530 | 6676.379 | 3.689 | 4539.938 |
| 174.109 | 1.001 | 14.644 | | | | | | |
| 1/10/2017 6:20:00 PM | 505200.000 | 12.784 | 17.685 | 29.140 | 5744.720 | 6677.671 | 3.690 | 4540.817 |
| 174.073 | 1.001 | 14.642 | | | | | | |
| 1/10/2017 6:25:00 PM | 505500.000 | 12.787 | 17.685 | 29.145 | 5744.054 | 6676.884 | 3.690 | 4540.281 |
| 174.093 | 1.001 | 14.640 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 12.790 | 17.685 | 29.152 | 5747.604 | 6681.011 | 3.692 | 4543.088 |
| 173.986 | 1.001 | 14.638 | | | | | | |
| 1/10/2017 6:35:00 PM | 506100.000 | 12.788 | 17.685 | 29.149 | 5747.661 | 6681.167 | 3.692 | 4543.194 |
| 173.984 | 1.001 | 14.638 | | | | | | |
| 1/10/2017 6:40:00 PM | 506400.000 | 12.787 | 17.685 | 29.145 | 5747.448 | 6680.881 | 3.692 | 4542.999 |
| 173.990 | 1.001 | 14.639 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 12.783 | 17.684 | 29.136 | 5749.047 | 6682.817 | 3.693 | 4544.316 |
| 173.942 | 1.001 | 14.639 | | | | | | |
| 1/10/2017 6:50:00 PM | 507000.000 | 12.789 | 17.685 | 29.150 | 5749.782 | 6683.618 | 3.693 | 4544.860 |
| 173.920 | 1.001 | 14.634 | | | | | | |
| 1/10/2017 6:55:00 PM | 507300.000 | 12.792 | 17.685 | 29.157 | 5751.472 | 6685.583 | 3.695 | 4546.196 |
| 173.869 | 1.001 | 14.630 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 12.793 | 17.685 | 29.159 | 5752.291 | 6686.446 | 3.695 | 4546.783 |
| 173.844 | 1.001 | 14.625 | | | | | | |
| 1/10/2017 7:05:00 PM | 507900.000 | 12.785 | 17.685 | 29.141 | 5752.547 | 6686.833 | 3.695 | 4547.047 |
| 173.836 | 1.001 | 14.626 | | | | | | |
| 1/10/2017 7:10:00 PM | 508200.000 | 12.781 | 17.685 | 29.133 | 5755.325 | 6690.062 | 3.697 | 4549.242 |
| 173.752 | 1.001 | 14.627 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 12.790 | 17.685 | 29.151 | 5755.360 | 6690.103 | 3.697 | 4549.270 |
| 173.751 | 1.001 | 14.628 | | | | | | |
| 1/10/2017 7:20:00 PM | 508800.000 | 12.785 | 17.685 | 29.142 | 5757.436 | 6692.491 | 3.699 | 4550.894 |
| 173.688 | 1.001 | 14.624 | | | | | | |
| 1/10/2017 7:25:00 PM | 509100.000 | 12.790 | 17.685 | 29.152 | 5756.557 | 6691.443 | 3.698 | 4550.182 |
| 173.715 | 1.001 | 14.621 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 12.787 | 17.685 | 29.145 | 5757.051 | 6692.056 | 3.698 | 4550.598 |
| 173.700 | 1.001 | 14.617 | | | | | | |
| 1/10/2017 7:35:00 PM | 509700.000 | 12.792 | 17.685 | 29.157 | 5756.779 | 6691.740 | 3.698 | 4550.384 |
| 173.708 | 1.001 | 14.619 | | | | | | |
| 1/10/2017 7:40:00 PM | 510000.000 | 12.781 | 17.685 | 29.131 | 5759.255 | 6694.554 | 3.700 | 4552.297 |
| 173.634 | 1.001 | 14.621 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 12.784 | 17.685 | 29.140 | 5759.577 | 6694.979 | 3.700 | 4552.586 |
| 173.624 | 1.001 | 14.624 | | | | | | |
| 1/10/2017 7:50:00 PM | 510600.000 | 12.780 | 17.684 | 29.129 | 5759.977 | 6695.521 | 3.701 | 4552.955 |
| 173.612 | 1.001 | 14.621 | | | | | | |
| 1/10/2017 7:55:00 PM | 510900.000 | 12.784 | 17.685 | 29.139 | 5760.194 | 6695.710 | 3.701 | 4553.083 |
| 173.605 | 1.001 | 14.619 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 12.784 | 17.685 | 29.138 | 5761.862 | 6697.648 | 3.702 | 4554.401 |
| 173.555 | 1.001 | 14.617 | | | | | | |
| 1/10/2017 8:05:00 PM | 511500.000 | 12.790 | 17.685 | 29.151 | 5763.576 | 6699.695 | 3.703 | 4555.793 |
| 173.503 | 1.001 | 14.617 | | | | | | |
| 1/10/2017 8:10:00 PM | 511800.000 | 12.787 | 17.685 | 29.145 | 5765.356 | 6701.646 | 3.704 | 4557.120 |
| 173.450 | 1.001 | 14.616 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 12.788 | 17.685 | 29.147 | 5764.917 | 6701.201 | 3.704 | 4556.816 |
| 173.463 | 1.001 | 14.616 | | | | | | |
| 1/10/2017 8:20:00 PM | 512400.000 | 12.781 | 17.685 | 29.131 | 5766.846 | 6703.429 | 3.705 | 4558.333 |
| 173.405 | 1.001 | 14.617 | | | | | | |
| 1/10/2017 8:25:00 PM | 512700.000 | 12.779 | 17.685 | 29.127 | 5768.524 | 6705.380 | 3.706 | 4559.659 |
| 173.355 | 1.001 | 14.618 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 12.784 | 17.685 | 29.138 | 5768.824 | 6705.781 | 3.707 | 4559.931 |
| 173.346 | 1.001 | 14.619 | | | | | | |
| 1/10/2017 8:35:00 PM | 513300.000 | 12.781 | 17.685 | 29.133 | 5767.188 | 6703.839 | 3.705 | 4558.611 |
| 173.395 | 1.001 | 14.615 | | | | | | |
| 1/10/2017 8:40:00 PM | 513600.000 | 12.784 | 17.685 | 29.139 | 5770.387 | 6707.570 | 3.708 | 4561.148 |
| 173.299 | 1.001 | 14.611 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 12.788 | 17.685 | 29.148 | 5770.265 | 6707.403 | 3.708 | 4561.034 |
| 173.302 | 1.001 | 14.607 | | | | | | |
| 1/10/2017 8:50:00 PM | 514200.000 | 12.789 | 17.685 | 29.150 | 5773.993 | 6711.761 | 3.710 | 4563.998 |
| 173.190 | 1.001 | 14.609 | | | | | | |
| 1/10/2017 8:55:00 PM | 514500.000 | 12.786 | 17.685 | 29.144 | 5773.429 | 6711.106 | 3.710 | 4563.552 |
| 173.207 | 1.001 | 14.611 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 12.786 | 17.685 | 29.142 | 5775.714 | 6713.791 | 3.711 | 4565.378 |
| 173.139 | 1.001 | 14.612 | | | | | | |
| 1/10/2017 9:05:00 PM | 515100.000 | 12.778 | 17.685 | 29.124 | 5774.460 | 6712.268 | 3.710 | 4564.342 |
| 173.176 | 1.001 | 14.620 | | | | | | |
| 1/10/2017 9:10:00 PM | 515400.000 | 12.777 | 17.685 | 29.124 | 5777.290 | 6715.609 | 3.712 | 4566.615 |
| 173.092 | 1.001 | 14.628 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 12.788 | 17.685 | 29.147 | 5778.309 | 6716.767 | 3.713 | 4567.401 |
| 173.061 | 1.001 | 14.635 | | | | | | |
| 1/10/2017 9:20:00 PM | 516000.000 | 12.783 | 17.685 | 29.137 | 5786.539 | 6726.387 | 3.719 | 4573.944 |
| 172.815 | 1.002 | 14.640 | | | | | | |
| 1/10/2017 9:25:00 PM | 516300.000 | 12.783 | 17.685 | 29.136 | 5796.282 | 6737.633 | 3.725 | 4581.591 |
| 172.524 | 1.002 | 14.644 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 12.776 | 17.685 | 29.120 | 5807.588 | 6750.813 | 3.733 | 4590.553 |
| 172.189 | 1.002 | 14.649 | | | | | | |
| 1/10/2017 9:35:00 PM | 516900.000 | 12.778 | 17.685 | 29.124 | 5816.600 | 6761.251 | 3.739 | 4597.651 |
| 171.922 | 1.002 | 14.647 | | | | | | |
| 1/10/2017 9:40:00 PM | 517200.000 | 12.778 | 17.685 | 29.125 | 5822.748 | 6768.409 | 3.744 | 4602.518 |
| 171.740 | 1.002 | 14.646 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 12.785 | 17.685 | 29.141 | 5830.793 | 6777.816 | 3.749 | 4608.916 |
| 171.503 | 1.002 | 14.644 | | | | | | |
| 1/10/2017 9:50:00 PM | 517800.000 | 12.777 | 17.685 | 29.124 | 5835.827 | 6783.600 | 3.753 | 4612.848 |
| 171.355 | 1.002 | 14.649 | | | | | | |
| 1/10/2017 9:55:00 PM | 518100.000 | 12.777 | 17.685 | 29.124 | 5842.840 | 6791.805 | 3.757 | 4618.428 |
| 171.150 | 1.002 | 14.654 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 12.772 | 17.684 | 29.110 | 5847.638 | 6797.421 | 3.761 | 4622.247 |
| 171.009 | 1.002 | 14.659 | | | | | | |
| 1/10/2017 10:05:00 PM | 518700.000 | 12.770 | 17.684 | 29.107 | 5855.461 | 6806.515 | 3.766 | 4628.430 |
| 170.781 | 1.002 | 14.657 | | | | | | |
| 1/10/2017 10:10:00 PM | 519000.000 | 12.774 | 17.685 | 29.116 | 5860.278 | 6812.060 | 3.769 | 4632.201 |
| 170.640 | 1.002 | 14.654 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 12.777 | 17.685 | 29.123 | 5865.038 | 6817.609 | 3.773 | 4635.975 |
| 170.502 | 1.002 | 14.652 | | | | | | |
| 1/10/2017 10:20:00 PM | 519600.000 | 12.779 | 17.685 | 29.127 | 5870.953 | 6824.511 | 3.777 | 4640.668 |
| 170.330 | 1.002 | 14.650 | | | | | | |
| 1/10/2017 10:25:00 PM | 519900.000 | 12.785 | 17.685 | 29.142 | 5875.694 | 6829.995 | 3.780 | 4644.397 |
| 170.193 | 1.002 | 14.648 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 12.790 | 17.684 | 29.152 | 5881.687 | 6837.014 | 3.784 | 4649.170 |
| 170.019 | 1.002 | 14.645 | | | | | | |
| 1/10/2017 10:35:00 PM | 520500.000 | 12.782 | 17.684 | 29.134 | 5885.673 | 6841.661 | 3.787 | 4652.330 |
| 169.904 | 1.002 | 14.649 | | | | | | |
| 1/10/2017 10:40:00 PM | 520800.000 | 12.780 | 17.685 | 29.129 | 5889.181 | 6845.580 | 3.789 | 4654.995 |
| 169.803 | 1.002 | 14.652 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 12.779 | 17.685 | 29.126 | 5894.350 | 6851.695 | 3.793 | 4659.153 |
| 169.654 | 1.002 | 14.655 | | | | | | |
| 1/10/2017 10:50:00 PM | 521400.000 | 12.774 | 17.685 | 29.116 | 5898.561 | 6856.536 | 3.796 | 4662.445 |
| 169.533 | 1.002 | 14.657 | | | | | | |
| 1/10/2017 10:55:00 PM | 521700.000 | 12.774 | 17.684 | 29.115 | 5902.577 | 6861.284 | 3.798 | 4665.673 |
| 169.418 | 1.002 | 14.658 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 12.774 | 17.685 | 29.116 | 5907.478 | 6866.888 | 3.802 | 4669.484 |
| 169.277 | 1.002 | 14.660 | | | | | | |
| 1/10/2017 11:05:00 PM | 522300.000 | 12.779 | 17.685 | 29.127 | 5910.886 | 6870.876 | 3.804 | 4672.196 |
| 169.179 | 1.002 | 14.660 | | | | | | |
| 1/10/2017 11:10:00 PM | 522600.000 | 12.781 | 17.685 | 29.131 | 5914.999 | 6875.657 | 3.807 | 4675.447 |
| 169.062 | 1.002 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 12.773 | 17.685 | 29.115 | 5918.311 | 6879.493 | 3.809 | 4678.055 |
| 168.967 | 1.002 | 14.660 | | | | | | |
| 1/10/2017 11:20:00 PM | 523200.000 | 12.777 | 17.685 | 29.123 | 5922.163 | 6883.996 | 3.812 | 4681.118 |
| 168.857 | 1.002 | 14.659 | | | | | | |
| 1/10/2017 11:25:00 PM | 523500.000 | 12.782 | 17.685 | 29.135 | 5925.774 | 6888.142 | 3.814 | 4683.937 |
| 168.754 | 1.002 | 14.657 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/10/2017 11:30:00 PM | 523800.000 | 12.785 | 17.685 | 29.141 | 5930.881 | 6894.105 | 3.818 | 4687.992 |
| 168.609 | 1.002 | 14.656 | | | | | | |
| 1/10/2017 11:35:00 PM | 524100.000 | 12.780 | 17.685 | 29.129 | 5934.041 | 6897.833 | 3.820 | 4690.526 |
| 168.519 | 1.002 | 14.656 | | | | | | |
| 1/10/2017 11:40:00 PM | 524400.000 | 12.781 | 17.685 | 29.132 | 5938.330 | 6902.763 | 3.823 | 4693.879 |
| 168.398 | 1.002 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 12.785 | 17.685 | 29.140 | 5941.375 | 6906.317 | 3.825 | 4696.296 |
| 168.311 | 1.002 | 14.657 | | | | | | |
| 1/10/2017 11:50:00 PM | 525000.000 | 12.776 | 17.685 | 29.121 | 5943.695 | 6908.987 | 3.827 | 4698.111 |
| 168.245 | 1.002 | 14.658 | | | | | | |
| 1/10/2017 11:55:00 PM | 525300.000 | 12.781 | 17.684 | 29.133 | 5947.644 | 6913.685 | 3.829 | 4701.306 |
| 168.134 | 1.002 | 14.659 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 12.783 | 17.685 | 29.136 | 5952.954 | 6919.762 | 3.833 | 4705.438 |
| 167.984 | 1.002 | 14.660 | | | | | | |
| 1/11/2017 12:05:00 AM | 525900.000 | 12.786 | 17.685 | 29.144 | 5953.721 | 6920.680 | 3.834 | 4706.063 |
| 167.962 | 1.002 | 14.657 | | | | | | |
| 1/11/2017 12:10:00 AM | 526200.000 | 12.781 | 17.685 | 29.132 | 5956.903 | 6924.367 | 3.836 | 4708.570 |
| 167.872 | 1.002 | 14.654 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 12.787 | 17.685 | 29.144 | 5962.631 | 6931.037 | 3.840 | 4713.105 |
| 167.711 | 1.002 | 14.651 | | | | | | |
| 1/11/2017 12:20:00 AM | 526800.000 | 12.788 | 17.685 | 29.147 | 5963.344 | 6931.840 | 3.840 | 4713.652 |
| 167.691 | 1.002 | 14.653 | | | | | | |
| 1/11/2017 12:25:00 AM | 527100.000 | 12.786 | 17.685 | 29.144 | 5966.091 | 6935.102 | 3.842 | 4715.870 |
| 167.614 | 1.002 | 14.655 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 12.783 | 17.686 | 29.136 | 5969.156 | 6938.515 | 3.844 | 4718.190 |
| 167.528 | 1.002 | 14.657 | | | | | | |
| 1/11/2017 12:35:00 AM | 527700.000 | 12.776 | 17.685 | 29.121 | 5970.508 | 6940.208 | 3.845 | 4719.342 |
| 167.490 | 1.002 | 14.658 | | | | | | |
| 1/11/2017 12:40:00 AM | 528000.000 | 12.775 | 17.685 | 29.119 | 5972.936 | 6942.976 | 3.847 | 4721.224 |
| 167.422 | 1.002 | 14.660 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 12.779 | 17.684 | 29.128 | 5975.618 | 6946.188 | 3.849 | 4723.408 |
| 167.347 | 1.002 | 14.661 | | | | | | |
| 1/11/2017 12:50:00 AM | 528600.000 | 12.776 | 17.685 | 29.120 | 5978.205 | 6949.156 | 3.850 | 4725.426 |
| 167.274 | 1.002 | 14.660 | | | | | | |
| 1/11/2017 12:55:00 AM | 528900.000 | 12.778 | 17.685 | 29.126 | 5979.897 | 6951.096 | 3.852 | 4726.745 |
| 167.227 | 1.002 | 14.658 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 12.787 | 17.685 | 29.146 | 5981.217 | 6952.657 | 3.853 | 4727.808 |
| 167.190 | 1.002 | 14.657 | | | | | | |
| 1/11/2017 1:05:00 AM | 529500.000 | 12.783 | 17.685 | 29.137 | 5983.911 | 6955.761 | 3.854 | 4729.917 |
| 167.115 | 1.002 | 14.655 | | | | | | |
| 1/11/2017 1:10:00 AM | 529800.000 | 12.788 | 17.685 | 29.147 | 5986.188 | 6958.354 | 3.856 | 4731.681 |
| 167.051 | 1.002 | 14.654 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 12.789 | 17.685 | 29.151 | 5990.563 | 6963.505 | 3.859 | 4735.184 |
| 166.929 | 1.002 | 14.652 | | | | | | |
| 1/11/2017 1:20:00 AM | 530400.000 | 12.792 | 17.685 | 29.157 | 5991.384 | 6964.476 | 3.860 | 4735.844 |
| 166.906 | 1.002 | 14.655 | | | | | | |
| 1/11/2017 1:25:00 AM | 530700.000 | 12.791 | 17.685 | 29.154 | 5993.022 | 6966.393 | 3.861 | 4737.148 |
| 166.861 | 1.002 | 14.659 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 12.785 | 17.685 | 29.140 | 5996.729 | 6970.689 | 3.863 | 4740.068 |
| 166.758 | 1.002 | 14.662 | | | | | | |
| 1/11/2017 1:35:00 AM | 531300.000 | 12.789 | 17.685 | 29.151 | 5998.091 | 6972.244 | 3.864 | 4741.126 |
| 166.720 | 1.002 | 14.663 | | | | | | |
| 1/11/2017 1:40:00 AM | 531600.000 | 12.790 | 17.684 | 29.153 | 5999.558 | 6974.044 | 3.865 | 4742.350 |
| 166.679 | 1.002 | 14.665 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 12.787 | 17.685 | 29.146 | 6002.242 | 6977.042 | 3.867 | 4744.389 |
| 166.604 | 1.002 | 14.666 | | | | | | |
| 1/11/2017 1:50:00 AM | 532200.000 | 12.786 | 17.685 | 29.142 | 6002.722 | 6977.639 | 3.867 | 4744.795 |
| 166.591 | 1.002 | 14.667 | | | | | | |
| 1/11/2017 1:55:00 AM | 532500.000 | 12.787 | 17.685 | 29.145 | 6004.285 | 6979.456 | 3.868 | 4746.030 |
| 166.548 | 1.002 | 14.668 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 12.790 | 17.685 | 29.152 | 6005.880 | 6981.230 | 3.869 | 4747.237 |
| 166.503 | 1.002 | 14.669 | | | | | | |
| 1/11/2017 2:05:00 AM | 533100.000 | 12.788 | 17.685 | 29.149 | 6006.766 | 6982.261 | 3.870 | 4747.938 |
| 166.479 | 1.002 | 14.668 | | | | | | |
| 1/11/2017 2:10:00 AM | 533400.000 | 12.790 | 17.685 | 29.153 | 6008.564 | 6984.446 | 3.871 | 4749.423 |
| 166.429 | 1.002 | 14.666 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 12.795 | 17.685 | 29.164 | 6008.120 | 6983.874 | 3.871 | 4749.034 |
| 166.441 | 1.002 | 14.665 | | | | | | |
| 1/11/2017 2:20:00 AM | 534000.000 | 12.791 | 17.685 | 29.154 | 6008.747 | 6984.643 | 3.872 | 4749.558 |
| 166.424 | 1.002 | 14.666 | | | | | | |
| 1/11/2017 2:25:00 AM | 534300.000 | 12.795 | 17.685 | 29.163 | 6009.767 | 6985.816 | 3.872 | 4750.355 |
| 166.396 | 1.002 | 14.666 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 12.795 | 17.685 | 29.163 | 6011.546 | 6987.896 | 3.873 | 4751.770 |
| 166.347 | 1.002 | 14.666 | | | | | | |
| 1/11/2017 2:35:00 AM | 534900.000 | 12.791 | 17.685 | 29.155 | 6013.961 | 6990.748 | 3.875 | 4753.709 |
| 166.280 | 1.002 | 14.668 | | | | | | |
| 1/11/2017 2:40:00 AM | 535200.000 | 12.791 | 17.685 | 29.155 | 6011.363 | 6987.617 | 3.873 | 4751.580 |
| 166.352 | 1.002 | 14.669 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 12.790 | 17.685 | 29.153 | 6012.363 | 6988.834 | 3.874 | 4752.408 |
| 166.324 | 1.002 | 14.671 | | | | | | |
| 1/11/2017 2:50:00 AM | 535800.000 | 12.787 | 17.685 | 29.146 | 6014.100 | 6990.825 | 3.875 | 4753.761 |
| 166.276 | 1.002 | 14.671 | | | | | | |
| 1/11/2017 2:55:00 AM | 536100.000 | 12.794 | 17.685 | 29.162 | 6014.400 | 6991.229 | 3.875 | 4754.036 |
| 166.268 | 1.002 | 14.672 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 12.795 | 17.685 | 29.163 | 6014.554 | 6991.422 | 3.876 | 4754.167 |
| 166.263 | 1.002 | 14.672 | | | | | | |
| 1/11/2017 3:05:00 AM | 536700.000 | 12.792 | 17.685 | 29.156 | 6016.158 | 6993.301 | 3.877 | 4755.445 |
| 166.219 | 1.002 | 14.670 | | | | | | |
| 1/11/2017 3:10:00 AM | 537000.000 | 12.798 | 17.685 | 29.170 | 6016.121 | 6993.162 | 3.877 | 4755.350 |
| 166.220 | 1.002 | 14.669 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 12.804 | 17.685 | 29.183 | 6016.432 | 6993.497 | 3.877 | 4755.578 |
| 166.211 | 1.002 | 14.668 | | | | | | |
| 1/11/2017 3:20:00 AM | 537600.000 | 12.800 | 17.685 | 29.176 | 6018.229 | 6995.639 | 3.878 | 4757.035 |
| 166.162 | 1.002 | 14.670 | | | | | | |
| 1/11/2017 3:25:00 AM | 537900.000 | 12.793 | 17.685 | 29.160 | 6018.273 | 6995.759 | 3.878 | 4757.116 |
| 166.161 | 1.002 | 14.673 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 12.796 | 17.685 | 29.167 | 6018.628 | 6996.116 | 3.878 | 4757.359 |
| 166.151 | 1.002 | 14.675 | | | | | | |
| 1/11/2017 3:35:00 AM | 538500.000 | 12.798 | 17.685 | 29.170 | 6020.977 | 6998.875 | 3.880 | 4759.235 |
| 166.086 | 1.002 | 14.674 | | | | | | |
| 1/11/2017 3:40:00 AM | 538800.000 | 12.801 | 17.685 | 29.178 | 6018.630 | 6996.092 | 3.878 | 4757.342 |
| 166.151 | 1.002 | 14.673 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 12.799 | 17.685 | 29.174 | 6021.283 | 6999.122 | 3.880 | 4759.403 |
| 166.078 | 1.002 | 14.671 | | | | | | |
| 1/11/2017 3:50:00 AM | 539400.000 | 12.804 | 17.685 | 29.183 | 6020.639 | 6998.440 | 3.880 | 4758.940 |
| 166.095 | 1.002 | 14.673 | | | | | | |
| 1/11/2017 3:55:00 AM | 539700.000 | 12.801 | 17.685 | 29.178 | 6020.541 | 6998.300 | 3.880 | 4758.844 |
| 166.098 | 1.002 | 14.675 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 12.796 | 17.685 | 29.165 | 6020.159 | 6997.855 | 3.879 | 4758.542 |
| 166.109 | 1.002 | 14.676 | | | | | | |
| 1/11/2017 4:05:00 AM | 540300.000 | 12.795 | 17.685 | 29.164 | 6021.327 | 6999.226 | 3.880 | 4759.474 |
| 166.076 | 1.002 | 14.677 | | | | | | |
| 1/11/2017 4:10:00 AM | 540600.000 | 12.800 | 17.684 | 29.174 | 6022.106 | 7000.283 | 3.881 | 4760.193 |
| 166.055 | 1.002 | 14.678 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 12.795 | 17.685 | 29.164 | 6021.359 | 6999.236 | 3.880 | 4759.481 |
| 166.075 | 1.002 | 14.678 | | | | | | |
| 1/11/2017 4:20:00 AM | 541200.000 | 12.794 | 17.685 | 29.162 | 6021.593 | 6999.523 | 3.880 | 4759.676 |
| 166.069 | 1.002 | 14.679 | | | | | | |
| 1/11/2017 4:25:00 AM | 541500.000 | 12.793 | 17.685 | 29.158 | 6022.424 | 7000.584 | 3.881 | 4760.398 |
| 166.046 | 1.002 | 14.679 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 12.793 | 17.685 | 29.159 | 6023.381 | 7001.641 | 3.882 | 4761.117 |
| 166.020 | 1.002 | 14.679 | | | | | | |
| 1/11/2017 4:35:00 AM | 542100.000 | 12.798 | 17.685 | 29.170 | 6021.837 | 6999.807 | 3.880 | 4759.869 |
| 166.062 | 1.002 | 14.680 | | | | | | |
| 1/11/2017 4:40:00 AM | 542400.000 | 12.798 | 17.685 | 29.171 | 6021.528 | 6999.543 | 3.880 | 4759.690 |
| 166.071 | 1.002 | 14.680 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 12.792 | 17.685 | 29.156 | 6023.890 | 7002.232 | 3.882 | 4761.519 |
| 166.006 | 1.002 | 14.680 | | | | | | |
| 1/11/2017 4:50:00 AM | 543000.000 | 12.797 | 17.685 | 29.169 | 6023.125 | 7001.290 | 3.881 | 4760.877 |
| 166.027 | 1.002 | 14.678 | | | | | | |
| 1/11/2017 4:55:00 AM | 543300.000 | 12.794 | 17.685 | 29.162 | 6022.103 | 7000.156 | 3.881 | 4760.106 |
| 166.055 | 1.002 | 14.677 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 12.801 | 17.685 | 29.177 | 6022.533 | 7000.641 | 3.881 | 4760.436 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 166.043 | 1.002 | 14.675 | | | | | | |
| 1/11/2017 5:05:00 AM | 543900.000 | 12.798 | 17.684 | 29.171 | 6021.688 | 6999.769 | 3.880 | 4759.843 |
| 166.066 | 1.002 | 14.673 | | | | | | |
| 1/11/2017 5:10:00 AM | 544200.000 | 12.800 | 17.685 | 29.174 | 6020.319 | 6998.002 | 3.879 | 4758.642 |
| 166.104 | 1.002 | 14.671 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 12.807 | 17.685 | 29.191 | 6020.647 | 6998.409 | 3.880 | 4758.918 |
| 166.095 | 1.002 | 14.669 | | | | | | |
| 1/11/2017 5:20:00 AM | 544800.000 | 12.808 | 17.685 | 29.193 | 6022.068 | 7000.075 | 3.881 | 4760.051 |
| 166.056 | 1.002 | 14.670 | | | | | | |
| 1/11/2017 5:25:00 AM | 545100.000 | 12.807 | 17.685 | 29.191 | 6020.357 | 6998.046 | 3.879 | 4758.672 |
| 166.103 | 1.002 | 14.671 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 12.805 | 17.685 | 29.187 | 6020.965 | 6998.833 | 3.880 | 4759.207 |
| 166.086 | 1.002 | 14.671 | | | | | | |
| 1/11/2017 5:35:00 AM | 545700.000 | 12.800 | 17.685 | 29.175 | 6020.530 | 6998.328 | 3.880 | 4758.863 |
| 166.098 | 1.002 | 14.672 | | | | | | |
| 1/11/2017 5:40:00 AM | 546000.000 | 12.800 | 17.686 | 29.176 | 6019.752 | 6997.316 | 3.879 | 4758.175 |
| 166.120 | 1.002 | 14.672 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 12.800 | 17.685 | 29.176 | 6021.895 | 6999.899 | 3.881 | 4759.932 |
| 166.061 | 1.002 | 14.672 | | | | | | |
| 1/11/2017 5:50:00 AM | 546600.000 | 12.801 | 17.685 | 29.177 | 6022.236 | 7000.270 | 3.881 | 4760.184 |
| 166.051 | 1.002 | 14.673 | | | | | | |
| 1/11/2017 5:55:00 AM | 546900.000 | 12.802 | 17.685 | 29.180 | 6021.320 | 6999.287 | 3.880 | 4759.515 |
| 166.077 | 1.002 | 14.673 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 12.808 | 17.685 | 29.193 | 6021.422 | 6999.310 | 3.880 | 4759.531 |
| 166.074 | 1.002 | 14.673 | | | | | | |
| 1/11/2017 6:05:00 AM | 547500.000 | 12.802 | 17.685 | 29.179 | 6021.817 | 6999.796 | 3.880 | 4759.862 |
| 166.063 | 1.002 | 14.675 | | | | | | |
| 1/11/2017 6:10:00 AM | 547800.000 | 12.800 | 17.685 | 29.175 | 6022.212 | 7000.310 | 3.881 | 4760.211 |
| 166.052 | 1.002 | 14.677 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 12.800 | 17.685 | 29.176 | 6023.916 | 7002.275 | 3.882 | 4761.547 |
| 166.005 | 1.002 | 14.679 | | | | | | |
| 1/11/2017 6:20:00 AM | 548400.000 | 12.801 | 17.685 | 29.176 | 6023.352 | 7001.594 | 3.882 | 4761.084 |
| 166.021 | 1.002 | 14.682 | | | | | | |
| 1/11/2017 6:25:00 AM | 548700.000 | 12.803 | 17.685 | 29.181 | 6021.540 | 6999.434 | 3.880 | 4759.615 |
| 166.070 | 1.002 | 14.685 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 12.799 | 17.685 | 29.173 | 6022.564 | 7000.704 | 3.881 | 4760.479 |
| 166.042 | 1.002 | 14.688 | | | | | | |
| 1/11/2017 6:35:00 AM | 549300.000 | 12.801 | 17.686 | 29.178 | 6021.837 | 6999.684 | 3.880 | 4759.785 |
| 166.062 | 1.002 | 14.686 | | | | | | |
| 1/11/2017 6:40:00 AM | 549600.000 | 12.804 | 17.685 | 29.183 | 6021.381 | 6999.276 | 3.880 | 4759.508 |
| 166.075 | 1.002 | 14.683 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 12.803 | 17.685 | 29.181 | 6017.396 | 6994.741 | 3.877 | 4756.424 |
| 166.185 | 1.002 | 14.681 | | | | | | |
| 1/11/2017 6:50:00 AM | 550200.000 | 12.808 | 17.685 | 29.193 | 6010.513 | 6986.629 | 3.873 | 4750.908 |
| 166.375 | 1.002 | 14.682 | | | | | | |
| 1/11/2017 6:55:00 AM | 550500.000 | 12.808 | 17.685 | 29.194 | 6001.580 | 6976.272 | 3.867 | 4743.866 |
| 166.623 | 1.002 | 14.682 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 12.807 | 17.685 | 29.191 | 5993.034 | 6966.299 | 3.861 | 4737.084 |
| 166.860 | 1.002 | 14.683 | | | | | | |
| 1/11/2017 7:05:00 AM | 551100.000 | 12.806 | 17.686 | 29.189 | 5984.592 | 6956.431 | 3.855 | 4730.374 |
| 167.096 | 1.002 | 14.683 | | | | | | |
| 1/11/2017 7:10:00 AM | 551400.000 | 12.802 | 17.686 | 29.181 | 5976.491 | 6947.029 | 3.849 | 4723.980 |
| 167.322 | 1.002 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 12.803 | 17.685 | 29.182 | 5968.997 | 6938.385 | 3.844 | 4718.102 |
| 167.532 | 1.002 | 14.683 | | | | | | |
| 1/11/2017 7:20:00 AM | 552000.000 | 12.803 | 17.685 | 29.182 | 5962.749 | 6931.082 | 3.840 | 4713.136 |
| 167.708 | 1.002 | 14.684 | | | | | | |
| 1/11/2017 7:25:00 AM | 552300.000 | 12.803 | 17.685 | 29.182 | 5958.117 | 6925.710 | 3.837 | 4709.483 |
| 167.838 | 1.002 | 14.685 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 12.802 | 17.685 | 29.181 | 5951.007 | 6917.525 | 3.832 | 4703.917 |
| 168.039 | 1.002 | 14.687 | | | | | | |
| 1/11/2017 7:35:00 AM | 552900.000 | 12.800 | 17.685 | 29.176 | 5945.941 | 6911.651 | 3.828 | 4699.923 |
| 168.182 | 1.002 | 14.688 | | | | | | |
| 1/11/2017 7:40:00 AM | 553200.000 | 12.800 | 17.685 | 29.175 | 5940.650 | 6905.395 | 3.825 | 4695.668 |
| 168.332 | 1.002 | 14.689 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 12.802 | 17.685 | 29.180 | 5935.946 | 6899.979 | 3.821 | 4691.986 |
| 168.465 | 1.002 | 14.689 | | | | | | |
| 1/11/2017 7:50:00 AM | 553800.000 | 12.799 | 17.685 | 29.173 | 5932.239 | 6895.657 | 3.819 | 4689.047 |
| 168.570 | 1.002 | 14.692 | | | | | | |
| 1/11/2017 7:55:00 AM | 554100.000 | 12.802 | 17.685 | 29.179 | 5925.268 | 6887.527 | 3.814 | 4683.519 |
| 168.769 | 1.002 | 14.694 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 12.795 | 17.685 | 29.164 | 5922.819 | 6884.720 | 3.812 | 4681.610 |
| 168.839 | 1.002 | 14.696 | | | | | | |
| 1/11/2017 8:05:00 AM | 554700.000 | 12.800 | 17.685 | 29.174 | 5917.017 | 6877.937 | 3.808 | 4676.997 |
| 169.004 | 1.002 | 14.697 | | | | | | |
| 1/11/2017 8:10:00 AM | 555000.000 | 12.801 | 17.685 | 29.178 | 5914.489 | 6875.119 | 3.807 | 4675.081 |
| 169.076 | 1.002 | 14.697 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 12.798 | 17.686 | 29.171 | 5909.634 | 6869.314 | 3.803 | 4671.134 |
| 169.215 | 1.002 | 14.698 | | | | | | |
| 1/11/2017 8:20:00 AM | 555600.000 | 12.801 | 17.684 | 29.177 | 5906.567 | 6865.921 | 3.801 | 4668.827 |
| 169.303 | 1.002 | 14.699 | | | | | | |
| 1/11/2017 8:25:00 AM | 555900.000 | 12.793 | 17.685 | 29.160 | 5902.520 | 6861.151 | 3.798 | 4665.583 |
| 169.419 | 1.002 | 14.701 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 12.793 | 17.685 | 29.159 | 5896.216 | 6853.784 | 3.794 | 4660.573 |
| 169.600 | 1.002 | 14.702 | | | | | | |
| 1/11/2017 8:35:00 AM | 556500.000 | 12.800 | 17.685 | 29.175 | 5892.696 | 6849.706 | 3.792 | 4657.800 |
| 169.702 | 1.002 | 14.700 | | | | | | |
| 1/11/2017 8:40:00 AM | 556800.000 | 12.806 | 17.685 | 29.188 | 5889.411 | 6845.940 | 3.789 | 4655.240 |
| 169.796 | 1.002 | 14.697 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 12.808 | 17.685 | 29.194 | 5886.319 | 6842.253 | 3.787 | 4652.733 |
| 169.885 | 1.002 | 14.694 | | | | | | |
| 1/11/2017 8:50:00 AM | 557400.000 | 12.801 | 17.685 | 29.177 | 5884.049 | 6839.667 | 3.786 | 4650.973 |
| 169.951 | 1.002 | 14.697 | | | | | | |
| 1/11/2017 8:55:00 AM | 557700.000 | 12.800 | 17.685 | 29.176 | 5878.231 | 6832.852 | 3.782 | 4646.339 |
| 170.119 | 1.002 | 14.699 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 12.800 | 17.686 | 29.174 | 5876.440 | 6830.716 | 3.780 | 4644.887 |
| 170.171 | 1.002 | 14.702 | | | | | | |
| 1/11/2017 9:05:00 AM | 558300.000 | 12.804 | 17.685 | 29.184 | 5871.312 | 6824.860 | 3.777 | 4640.905 |
| 170.320 | 1.002 | 14.702 | | | | | | |
| 1/11/2017 9:10:00 AM | 558600.000 | 12.805 | 17.685 | 29.187 | 5870.143 | 6823.477 | 3.776 | 4639.964 |
| 170.354 | 1.002 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 12.799 | 17.685 | 29.172 | 5863.676 | 6815.945 | 3.772 | 4634.843 |
| 170.541 | 1.002 | 14.702 | | | | | | |
| 1/11/2017 9:20:00 AM | 559200.000 | 12.804 | 17.685 | 29.185 | 5861.458 | 6813.448 | 3.770 | 4633.145 |
| 170.606 | 1.002 | 14.703 | | | | | | |
| 1/11/2017 9:25:00 AM | 559500.000 | 12.804 | 17.685 | 29.185 | 5860.906 | 6812.740 | 3.770 | 4632.663 |
| 170.622 | 1.002 | 14.704 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 12.805 | 17.685 | 29.185 | 5855.429 | 6806.399 | 3.766 | 4628.351 |
| 170.782 | 1.002 | 14.704 | | | | | | |
| 1/11/2017 9:35:00 AM | 560100.000 | 12.798 | 17.685 | 29.171 | 5853.029 | 6803.569 | 3.764 | 4626.428 |
| 170.852 | 1.002 | 14.708 | | | | | | |
| 1/11/2017 9:40:00 AM | 560400.000 | 12.800 | 17.686 | 29.175 | 5847.273 | 6796.839 | 3.760 | 4621.851 |
| 171.020 | 1.002 | 14.711 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 12.799 | 17.685 | 29.173 | 5844.266 | 6793.396 | 3.758 | 4619.510 |
| 171.108 | 1.002 | 14.714 | | | | | | |
| 1/11/2017 9:50:00 AM | 561000.000 | 12.795 | 17.685 | 29.164 | 5841.903 | 6790.690 | 3.757 | 4617.669 |
| 171.177 | 1.002 | 14.712 | | | | | | |
| 1/11/2017 9:55:00 AM | 561300.000 | 12.797 | 17.685 | 29.167 | 5839.390 | 6787.729 | 3.755 | 4615.656 |
| 171.251 | 1.002 | 14.711 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 12.799 | 17.685 | 29.173 | 5837.566 | 6785.622 | 3.754 | 4614.223 |
| 171.304 | 1.002 | 14.709 | | | | | | |
| 1/11/2017 10:05:00 AM | 561900.000 | 12.797 | 17.685 | 29.168 | 5835.428 | 6783.097 | 3.752 | 4612.506 |
| 171.367 | 1.002 | 14.713 | | | | | | |
| 1/11/2017 10:10:00 AM | 562200.000 | 12.796 | 17.685 | 29.167 | 5831.813 | 6779.000 | 3.750 | 4609.720 |
| 171.473 | 1.002 | 14.716 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 12.799 | 17.685 | 29.173 | 5825.438 | 6771.591 | 3.745 | 4604.682 |
| 171.661 | 1.002 | 14.720 | | | | | | |
| 1/11/2017 10:20:00 AM | 562800.000 | 12.800 | 17.685 | 29.176 | 5824.676 | 6770.612 | 3.745 | 4604.017 |
| 171.683 | 1.002 | 14.720 | | | | | | |
| 1/11/2017 10:25:00 AM | 563100.000 | 12.798 | 17.685 | 29.171 | 5822.726 | 6768.333 | 3.744 | 4602.467 |
| 171.741 | 1.002 | 14.719 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 12.800 | 17.685 | 29.176 | 5820.923 | 6766.250 | 3.742 | 4601.050 |
| 171.794 | 1.002 | 14.719 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 10:35:00 AM | 563700.000 | 12.803 | 17.685 | 29.182 | 5817.753 | 6762.645 | 3.740 | 4598.599 |
| 171.888 | 1.002 | 14.721 | | | | | | |
| 1/11/2017 10:40:00 AM | 564000.000 | 12.797 | 17.685 | 29.168 | 5814.859 | 6759.228 | 3.738 | 4596.275 |
| 171.973 | 1.002 | 14.724 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 12.794 | 17.685 | 29.161 | 5814.830 | 6759.154 | 3.738 | 4596.225 |
| 171.974 | 1.002 | 14.726 | | | | | | |
| 1/11/2017 10:50:00 AM | 564600.000 | 12.803 | 17.685 | 29.181 | 5812.296 | 6756.274 | 3.736 | 4594.267 |
| 172.049 | 1.002 | 14.725 | | | | | | |
| 1/11/2017 10:55:00 AM | 564900.000 | 12.805 | 17.685 | 29.187 | 5811.547 | 6755.444 | 3.736 | 4593.702 |
| 172.071 | 1.002 | 14.725 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 12.802 | 17.685 | 29.180 | 5808.068 | 6751.321 | 3.733 | 4590.898 |
| 172.174 | 1.002 | 14.724 | | | | | | |
| 1/11/2017 11:05:00 AM | 565500.000 | 12.795 | 17.685 | 29.164 | 5805.763 | 6748.628 | 3.732 | 4589.067 |
| 172.243 | 1.002 | 14.724 | | | | | | |
| 1/11/2017 11:10:00 AM | 565800.000 | 12.794 | 17.685 | 29.162 | 5805.251 | 6748.072 | 3.732 | 4588.689 |
| 172.258 | 1.002 | 14.723 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 12.799 | 17.685 | 29.173 | 5800.357 | 6742.396 | 3.728 | 4584.829 |
| 172.403 | 1.002 | 14.722 | | | | | | |
| 1/11/2017 11:20:00 AM | 566400.000 | 12.794 | 17.685 | 29.162 | 5799.661 | 6741.548 | 3.728 | 4584.253 |
| 172.424 | 1.002 | 14.722 | | | | | | |
| 1/11/2017 11:25:00 AM | 566700.000 | 12.799 | 17.685 | 29.173 | 5797.639 | 6739.223 | 3.726 | 4582.672 |
| 172.484 | 1.002 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 12.794 | 17.685 | 29.161 | 5795.505 | 6736.730 | 3.725 | 4580.977 |
| 172.548 | 1.002 | 14.722 | | | | | | |
| 1/11/2017 11:35:00 AM | 567300.000 | 12.795 | 17.685 | 29.165 | 5795.042 | 6736.178 | 3.725 | 4580.601 |
| 172.561 | 1.002 | 14.722 | | | | | | |
| 1/11/2017 11:40:00 AM | 567600.000 | 12.796 | 17.685 | 29.166 | 5794.264 | 6735.275 | 3.724 | 4579.987 |
| 172.584 | 1.002 | 14.721 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 12.801 | 17.685 | 29.177 | 5790.346 | 6730.745 | 3.721 | 4576.907 |
| 172.701 | 1.002 | 14.721 | | | | | | |
| 1/11/2017 11:50:00 AM | 568200.000 | 12.798 | 17.685 | 29.171 | 5787.200 | 6727.038 | 3.719 | 4574.386 |
| 172.795 | 1.002 | 14.720 | | | | | | |
| 1/11/2017 11:55:00 AM | 568500.000 | 12.799 | 17.685 | 29.174 | 5786.398 | 6726.118 | 3.719 | 4573.761 |
| 172.819 | 1.002 | 14.719 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 12.793 | 17.685 | 29.159 | 5783.566 | 6722.852 | 3.717 | 4571.540 |
| 172.904 | 1.001 | 14.719 | | | | | | |
| 1/11/2017 12:05:00 PM | 569100.000 | 12.791 | 17.685 | 29.155 | 5784.560 | 6724.007 | 3.717 | 4572.325 |
| 172.874 | 1.002 | 14.717 | | | | | | |
| 1/11/2017 12:10:00 PM | 569400.000 | 12.790 | 17.685 | 29.151 | 5781.081 | 6719.950 | 3.715 | 4569.567 |
| 172.978 | 1.001 | 14.715 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 12.793 | 17.685 | 29.159 | 5780.270 | 6718.995 | 3.714 | 4568.917 |
| 173.002 | 1.001 | 14.714 | | | | | | |
| 1/11/2017 12:20:00 PM | 570000.000 | 12.792 | 17.685 | 29.157 | 5779.847 | 6718.516 | 3.714 | 4568.591 |
| 173.015 | 1.001 | 14.713 | | | | | | |
| 1/11/2017 12:25:00 PM | 570300.000 | 12.799 | 17.685 | 29.173 | 5778.730 | 6717.205 | 3.713 | 4567.699 |
| 173.048 | 1.001 | 14.712 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 12.792 | 17.685 | 29.158 | 5775.664 | 6713.692 | 3.711 | 4565.312 |
| 173.140 | 1.001 | 14.712 | | | | | | |
| 1/11/2017 12:35:00 PM | 570900.000 | 12.794 | 17.685 | 29.162 | 5774.505 | 6712.281 | 3.710 | 4564.351 |
| 173.175 | 1.001 | 14.711 | | | | | | |
| 1/11/2017 12:40:00 PM | 571200.000 | 12.795 | 17.685 | 29.163 | 5773.304 | 6710.949 | 3.710 | 4563.446 |
| 173.211 | 1.001 | 14.709 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 12.796 | 17.686 | 29.166 | 5770.926 | 6708.093 | 3.708 | 4561.503 |
| 173.282 | 1.001 | 14.708 | | | | | | |
| 1/11/2017 12:50:00 PM | 571800.000 | 12.801 | 17.685 | 29.178 | 5769.158 | 6706.104 | 3.707 | 4560.151 |
| 173.336 | 1.001 | 14.708 | | | | | | |
| 1/11/2017 12:55:00 PM | 572100.000 | 12.795 | 17.685 | 29.164 | 5768.013 | 6704.722 | 3.706 | 4559.211 |
| 173.370 | 1.001 | 14.707 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 12.795 | 17.685 | 29.164 | 5766.392 | 6702.901 | 3.705 | 4557.973 |
| 173.419 | 1.001 | 14.707 | | | | | | |
| 1/11/2017 1:05:00 PM | 572700.000 | 12.795 | 17.685 | 29.163 | 5767.447 | 6704.128 | 3.706 | 4558.808 |
| 173.387 | 1.001 | 14.707 | | | | | | |
| 1/11/2017 1:10:00 PM | 573000.000 | 12.799 | 17.685 | 29.172 | 5764.126 | 6700.217 | 3.703 | 4556.147 |
| 173.487 | 1.001 | 14.708 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 12.797 | 17.685 | 29.169 | 5763.118 | 6699.070 | 3.703 | 4555.368 |
| 173.517 | 1.001 | 14.708 | | | | | | |
| 1/11/2017 1:20:00 PM | 573600.000 | 12.791 | 17.685 | 29.155 | 5761.474 | 6697.146 | 3.701 | 4554.060 |
| 173.567 | 1.001 | 14.707 | | | | | | |
| 1/11/2017 1:25:00 PM | 573900.000 | 12.795 | 17.685 | 29.164 | 5759.928 | 6695.362 | 3.700 | 4552.846 |
| 173.613 | 1.001 | 14.706 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 12.797 | 17.685 | 29.167 | 5760.253 | 6695.766 | 3.701 | 4553.121 |
| 173.603 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 1:35:00 PM | 574500.000 | 12.792 | 17.685 | 29.156 | 5760.810 | 6696.374 | 3.701 | 4553.535 |
| 173.587 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 1:40:00 PM | 574800.000 | 12.794 | 17.685 | 29.161 | 5758.110 | 6693.274 | 3.699 | 4551.426 |
| 173.668 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 12.798 | 17.685 | 29.171 | 5755.451 | 6690.184 | 3.697 | 4549.325 |
| 173.748 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 1:50:00 PM | 575400.000 | 12.800 | 17.685 | 29.174 | 5755.778 | 6690.525 | 3.698 | 4549.557 |
| 173.738 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 1:55:00 PM | 575700.000 | 12.792 | 17.685 | 29.157 | 5754.996 | 6689.707 | 3.697 | 4549.001 |
| 173.762 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 12.794 | 17.685 | 29.161 | 5753.957 | 6688.486 | 3.696 | 4548.171 |
| 173.793 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 2:05:00 PM | 576300.000 | 12.793 | 17.685 | 29.160 | 5752.976 | 6687.293 | 3.696 | 4547.359 |
| 173.823 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 2:10:00 PM | 576600.000 | 12.791 | 17.685 | 29.155 | 5751.693 | 6685.777 | 3.695 | 4546.329 |
| 173.862 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 12.795 | 17.685 | 29.163 | 5751.912 | 6686.083 | 3.695 | 4546.537 |
| 173.855 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 2:20:00 PM | 577200.000 | 12.790 | 17.685 | 29.152 | 5751.651 | 6685.703 | 3.695 | 4546.278 |
| 173.863 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 2:25:00 PM | 577500.000 | 12.791 | 17.685 | 29.155 | 5752.002 | 6686.241 | 3.695 | 4546.644 |
| 173.853 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 12.788 | 17.685 | 29.148 | 5751.715 | 6685.828 | 3.695 | 4546.363 |
| 173.861 | 1.001 | 14.706 | | | | | | |
| 1/11/2017 2:35:00 PM | 578100.000 | 12.793 | 17.685 | 29.159 | 5750.186 | 6684.076 | 3.694 | 4545.172 |
| 173.907 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 2:40:00 PM | 578400.000 | 12.794 | 17.685 | 29.162 | 5748.743 | 6682.374 | 3.693 | 4544.015 |
| 173.951 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 12.793 | 17.685 | 29.159 | 5751.268 | 6685.309 | 3.694 | 4546.010 |
| 173.875 | 1.001 | 14.702 | | | | | | |
| 1/11/2017 2:50:00 PM | 579000.000 | 12.794 | 17.685 | 29.162 | 5745.605 | 6678.713 | 3.691 | 4541.525 |
| 174.046 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 2:55:00 PM | 579300.000 | 12.797 | 17.685 | 29.167 | 5746.780 | 6680.117 | 3.691 | 4542.479 |
| 174.010 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 12.792 | 17.685 | 29.158 | 5746.063 | 6679.295 | 3.691 | 4541.921 |
| 174.032 | 1.001 | 14.706 | | | | | | |
| 1/11/2017 3:05:00 PM | 579900.000 | 12.793 | 17.685 | 29.160 | 5746.720 | 6680.035 | 3.691 | 4542.424 |
| 174.012 | 1.001 | 14.706 | | | | | | |
| 1/11/2017 3:10:00 PM | 580200.000 | 12.790 | 17.685 | 29.153 | 5746.808 | 6680.176 | 3.691 | 4542.520 |
| 174.010 | 1.001 | 14.707 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 12.794 | 17.686 | 29.161 | 5744.615 | 6677.509 | 3.690 | 4540.706 |
| 174.076 | 1.001 | 14.708 | | | | | | |
| 1/11/2017 3:20:00 PM | 580800.000 | 12.789 | 17.685 | 29.150 | 5745.047 | 6678.130 | 3.690 | 4541.128 |
| 174.063 | 1.001 | 14.707 | | | | | | |
| 1/11/2017 3:25:00 PM | 581100.000 | 12.790 | 17.685 | 29.152 | 5743.193 | 6675.922 | 3.689 | 4539.627 |
| 174.119 | 1.001 | 14.706 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 12.795 | 17.685 | 29.163 | 5743.703 | 6676.489 | 3.689 | 4540.012 |
| 174.104 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 3:35:00 PM | 581700.000 | 12.796 | 17.685 | 29.165 | 5741.993 | 6674.527 | 3.688 | 4538.679 |
| 174.156 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 3:40:00 PM | 582000.000 | 12.794 | 17.685 | 29.162 | 5743.648 | 6676.451 | 3.689 | 4539.987 |
| 174.105 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 12.788 | 17.686 | 29.148 | 5743.260 | 6675.935 | 3.689 | 4539.636 |
| 174.117 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 3:50:00 PM | 582600.000 | 12.791 | 17.685 | 29.154 | 5742.399 | 6674.999 | 3.688 | 4539.000 |
| 174.143 | 1.001 | 14.702 | | | | | | |
| 1/11/2017 3:55:00 PM | 582900.000 | 12.797 | 17.686 | 29.169 | 5741.683 | 6674.101 | 3.688 | 4538.389 |
| 174.165 | 1.001 | 14.701 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 12.792 | 17.685 | 29.157 | 5742.094 | 6674.618 | 3.688 | 4538.741 |
| 174.152 | 1.001 | 14.700 | | | | | | |
| 1/11/2017 4:05:00 PM | 583500.000 | 12.795 | 17.685 | 29.164 | 5743.148 | 6675.883 | 3.689 | 4539.601 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 174.121 | 1.001 | 14.701 | | | | | | | |
| 1/11/2017 4:10:00 PM | 583800.000 | 12.793 | 17.684 | 29.159 | 5741.735 | 6674.318 | 3.688 | 4538.537 | |
| 174.163 | 1.001 | 14.702 | | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 12.792 | 17.685 | 29.156 | 5742.692 | 6675.313 | 3.689 | 4539.214 | |
| 174.134 | 1.001 | 14.703 | | | | | | | |
| 1/11/2017 4:20:00 PM | 584400.000 | 12.792 | 17.685 | 29.157 | 5740.803 | 6673.182 | 3.687 | 4537.764 | |
| 174.192 | 1.001 | 14.703 | | | | | | | |
| 1/11/2017 4:25:00 PM | 584700.000 | 12.794 | 17.685 | 29.161 | 5741.266 | 6673.656 | 3.688 | 4538.086 | |
| 174.178 | 1.001 | 14.702 | | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 12.131 | 17.687 | 27.650 | 11806.884 | 13723.862 | 7.999 | 9332.227 | |
| 84.696 | 1.005 | 14.702 | | | | | | | |
| 1/11/2017 4:35:00 PM | 585300.000 | 12.144 | 17.707 | 27.679 | 19375.270 | 22511.119 | 13.682 | 15307.562 | |
| 51.612 | 1.009 | 14.705 | | | | | | | |
| 1/11/2017 4:40:00 PM | 585600.000 | 12.141 | 17.712 | 27.673 | 19290.496 | 22410.197 | 13.615 | 15238.936 | |
| 51.839 | 1.009 | 14.708 | | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 12.137 | 17.713 | 27.663 | 19342.783 | 22470.332 | 13.655 | 15279.827 | |
| 51.699 | 1.009 | 14.710 | | | | | | | |
| 1/11/2017 4:50:00 PM | 586200.000 | 12.137 | 17.713 | 27.664 | 19343.078 | 22470.762 | 13.655 | 15280.119 | |
| 51.698 | 1.009 | 14.710 | | | | | | | |
| 1/11/2017 4:55:00 PM | 586500.000 | 12.131 | 17.713 | 27.651 | 19315.715 | 22438.934 | 13.634 | 15258.476 | |
| 51.771 | 1.009 | 14.709 | | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 12.136 | 17.713 | 27.662 | 19385.977 | 22520.508 | 13.688 | 15313.945 | |
| 51.584 | 1.009 | 14.709 | | | | | | | |
| 1/11/2017 5:05:00 PM | 587100.000 | 12.137 | 17.713 | 27.665 | 19289.691 | 22408.613 | 13.614 | 15237.857 | |
| 51.841 | 1.009 | 14.708 | | | | | | | |
| 1/11/2017 5:10:00 PM | 587400.000 | 12.136 | 17.713 | 27.661 | 19146.529 | 22242.432 | 13.504 | 15124.854 | |
| 52.229 | 1.009 | 14.707 | | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 12.141 | 17.713 | 27.672 | 19229.801 | 22339.080 | 13.568 | 15190.574 | |
| 52.003 | 1.009 | 14.707 | | | | | | | |
| 1/11/2017 5:20:00 PM | 588000.000 | 12.141 | 17.713 | 27.673 | 19168.771 | 22268.270 | 13.521 | 15142.425 | |
| 52.168 | 1.009 | 14.706 | | | | | | | |
| 1/11/2017 5:25:00 PM | 588300.000 | 12.716 | 17.713 | 28.984 | 19037.361 | 22115.484 | 13.420 | 15038.530 | |
| 52.528 | 1.009 | 14.705 | | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 12.747 | 17.711 | 29.055 | 18478.711 | 21467.338 | 12.993 | 14597.791 | |
| 54.116 | 1.009 | 14.705 | | | | | | | |
| 1/11/2017 5:35:00 PM | 588900.000 | 12.753 | 17.707 | 29.069 | 15898.692 | 18471.830 | 11.034 | 12560.846 | |
| 62.898 | 1.007 | 14.705 | | | | | | | |
| 1/11/2017 5:40:00 PM | 589200.000 | 12.756 | 17.702 | 29.075 | 11848.918 | 13767.976 | 8.027 | 9362.224 | |
| 84.396 | 1.005 | 14.705 | | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 12.763 | 17.699 | 29.090 | 10524.308 | 12229.704 | 7.063 | 8316.199 | |
| 95.018 | 1.004 | 14.705 | | | | | | | |
| 1/11/2017 5:50:00 PM | 589800.000 | 12.762 | 17.697 | 29.088 | 9678.367 | 11247.144 | 6.454 | 7648.058 | |
| 103.323 | 1.004 | 14.705 | | | | | | | |
| 1/11/2017 5:55:00 PM | 590100.000 | 12.766 | 17.696 | 29.098 | 9178.010 | 10665.867 | 6.096 | 7252.790 | |
| 108.956 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 12.773 | 17.696 | 29.113 | 8986.944 | 10443.888 | 5.959 | 7101.844 | |
| 111.273 | 1.003 | 14.704 | | | | | | | |
| 1/11/2017 6:05:00 PM | 590700.000 | 12.773 | 17.696 | 29.115 | 8817.940 | 10247.607 | 5.839 | 6968.374 | |
| 113.405 | 1.003 | 14.706 | | | | | | | |
| 1/11/2017 6:10:00 PM | 591000.000 | 12.775 | 17.696 | 29.118 | 8732.893 | 10148.750 | 5.778 | 6901.150 | |
| 114.510 | 1.003 | 14.707 | | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 12.774 | 17.697 | 29.117 | 8673.704 | 10079.791 | 5.736 | 6854.258 | |
| 115.291 | 1.003 | 14.708 | | | | | | | |
| 1/11/2017 6:20:00 PM | 591600.000 | 12.778 | 17.699 | 29.124 | 8643.957 | 10044.715 | 5.715 | 6830.407 | |
| 115.688 | 1.003 | 14.707 | | | | | | | |
| 1/11/2017 6:25:00 PM | 591900.000 | 12.777 | 17.700 | 29.124 | 8644.625 | 10045.219 | 5.715 | 6830.750 | |
| 115.679 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 12.783 | 17.702 | 29.136 | 8647.700 | 10048.345 | 5.717 | 6832.875 | |
| 115.638 | 1.003 | 14.703 | | | | | | | |
| 1/11/2017 6:35:00 PM | 592500.000 | 12.780 | 17.705 | 29.129 | 8654.383 | 10055.392 | 5.721 | 6837.667 | |
| 115.548 | 1.003 | 14.704 | | | | | | | |
| 1/11/2017 6:40:00 PM | 592800.000 | 12.779 | 17.707 | 29.126 | 8659.654 | 10061.029 | 5.725 | 6841.500 | |
| 115.478 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 12.782 | 17.709 | 29.134 | 8666.728 | 10068.797 | 5.730 | 6846.782 | |
| 115.384 | 1.003 | 14.706 | | | | | | | |
| 1/11/2017 6:50:00 PM | 593400.000 | 12.782 | 17.710 | 29.134 | 8681.413 | 10085.762 | 5.740 | 6858.318 | |
| 115.189 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 6:55:00 PM | 593700.000 | 12.778 | 17.712 | 29.125 | 8696.247 | 10102.623 | 5.750 | 6869.784 | |
| 114.992 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 12.783 | 17.713 | 29.135 | 8699.898 | 10106.531 | 5.753 | 6872.442 | |
| 114.944 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 7:05:00 PM | 594300.000 | 12.779 | 17.716 | 29.128 | 8712.991 | 10121.137 | 5.762 | 6882.374 | |
| 114.771 | 1.003 | 14.706 | | | | | | | |
| 1/11/2017 7:10:00 PM | 594600.000 | 12.779 | 17.716 | 29.126 | 8723.083 | 10132.898 | 5.769 | 6890.371 | |
| 114.638 | 1.003 | 14.707 | | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 12.779 | 17.716 | 29.126 | 8739.410 | 10151.708 | 5.780 | 6903.162 | |
| 114.424 | 1.003 | 14.708 | | | | | | | |
| 1/11/2017 7:20:00 PM | 595200.000 | 12.781 | 17.718 | 29.133 | 8748.215 | 10161.579 | 5.786 | 6909.875 | |
| 114.309 | 1.003 | 14.706 | | | | | | | |
| 1/11/2017 7:25:00 PM | 595500.000 | 12.782 | 17.718 | 29.135 | 8768.049 | 10184.521 | 5.800 | 6925.475 | |
| 114.050 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 12.787 | 17.718 | 29.145 | 8781.332 | 10199.988 | 5.810 | 6935.993 | |
| 113.878 | 1.003 | 14.703 | | | | | | | |
| 1/11/2017 7:35:00 PM | 596100.000 | 12.787 | 17.718 | 29.145 | 8781.242 | 10199.963 | 5.810 | 6935.975 | |
| 113.879 | 1.003 | 14.703 | | | | | | | |
| 1/11/2017 7:40:00 PM | 596400.000 | 12.787 | 17.720 | 29.145 | 8792.713 | 10212.833 | 5.818 | 6944.727 | |
| 113.731 | 1.003 | 14.704 | | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 12.785 | 17.721 | 29.141 | 8795.806 | 10216.228 | 5.820 | 6947.035 | |
| 113.691 | 1.003 | 14.704 | | | | | | | |
| 1/11/2017 7:50:00 PM | 597000.000 | 12.785 | 17.721 | 29.142 | 8804.272 | 10226.062 | 5.826 | 6953.722 | |
| 113.581 | 1.003 | 14.704 | | | | | | | |
| 1/11/2017 7:55:00 PM | 597300.000 | 12.783 | 17.719 | 29.136 | 8808.550 | 10231.467 | 5.829 | 6957.398 | |
| 113.526 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 12.783 | 17.719 | 29.136 | 8812.957 | 10236.487 | 5.832 | 6960.812 | |
| 113.469 | 1.003 | 14.706 | | | | | | | |
| 1/11/2017 8:05:00 PM | 597900.000 | 12.783 | 17.718 | 29.137 | 8818.066 | 10242.619 | 5.836 | 6964.981 | |
| 113.404 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 8:10:00 PM | 598200.000 | 12.783 | 17.718 | 29.136 | 8816.478 | 10240.932 | 5.835 | 6963.834 | |
| 113.424 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 12.781 | 17.717 | 29.131 | 8820.593 | 10245.829 | 5.838 | 6967.165 | |
| 113.371 | 1.003 | 14.705 | | | | | | | |
| 1/11/2017 8:20:00 PM | 598800.000 | 12.785 | 17.715 | 29.141 | 8818.916 | 10244.260 | 5.837 | 6966.097 | |
| 113.393 | 1.003 | 14.703 | | | | | | | |
| 1/11/2017 8:25:00 PM | 599100.000 | 12.785 | 17.714 | 29.140 | 8822.034 | 10248.239 | 5.839 | 6968.803 | |
| 113.353 | 1.003 | 14.701 | | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 12.785 | 17.713 | 29.141 | 8820.729 | 10246.897 | 5.839 | 6967.890 | |
| 113.369 | 1.003 | 14.699 | | | | | | | |
| 1/11/2017 8:35:00 PM | 599700.000 | 12.784 | 17.712 | 29.139 | 8823.257 | 10250.016 | 5.841 | 6970.011 | |
| 113.337 | 1.003 | 14.699 | | | | | | | |
| 1/11/2017 8:40:00 PM | 600000.000 | 12.782 | 17.712 | 29.133 | 8821.911 | 10248.593 | 5.840 | 6969.043 | |
| 113.354 | 1.003 | 14.700 | | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 12.783 | 17.711 | 29.136 | 8822.040 | 10248.860 | 5.840 | 6969.226 | |
| 113.352 | 1.003 | 14.700 | | | | | | | |
| 1/11/2017 8:50:00 PM | 600600.000 | 12.783 | 17.711 | 29.136 | 8822.002 | 10248.797 | 5.840 | 6969.183 | |
| 113.353 | 1.003 | 14.698 | | | | | | | |
| 1/11/2017 8:55:00 PM | 600900.000 | 12.785 | 17.711 | 29.140 | 8820.827 | 10247.509 | 5.839 | 6968.307 | |
| 113.368 | 1.003 | 14.696 | | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 12.788 | 17.711 | 29.147 | 8821.933 | 10248.874 | 5.840 | 6969.235 | |
| 113.354 | 1.003 | 14.693 | | | | | | | |
| 1/11/2017 9:05:00 PM | 601500.000 | 12.786 | 17.711 | 29.144 | 8821.202 | 10248.007 | 5.839 | 6968.645 | |
| 113.363 | 1.003 | 14.693 | | | | | | | |
| 1/11/2017 9:10:00 PM | 601800.000 | 12.784 | 17.711 | 29.139 | 8821.460 | 10248.146 | 5.839 | 6968.740 | |
| 113.360 | 1.003 | 14.693 | | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 12.779 | 17.711 | 29.128 | 8822.939 | 10249.865 | 5.840 | 6969.909 | |
| 113.341 | 1.003 | 14.692 | | | | | | | |
| 1/11/2017 9:20:00 PM | 602400.000 | 12.783 | 17.712 | 29.135 | 8821.884 | 10248.538 | 5.840 | 6969.006 | |
| 113.354 | 1.003 | 14.692 | | | | | | | |
| 1/11/2017 9:25:00 PM | 602700.000 | 12.785 | 17.712 | 29.140 | 8821.956 | 10248.563 | 5.840 | 6969.024 | |
| 113.354 | 1.003 | 14.691 | | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 12.787 | 17.711 | 29.145 | 8815.338 | 10240.994 | 5.835 | 6963.876 | |
| 113.439 | 1.003 | 14.691 | | | | | | | |
| 1/11/2017 9:35:00 PM | 603300.000 | 12.783 | 17.711 | 29.136 | 8803.011 | 10226.772 | 5.826 | 6954.206 | |
| 113.597 | 1.003 | 14.693 | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 9:40:00 PM | 603600.000 | 12.783 | 17.710 | 29.136 | 8788.152 | 10209.649 | 5.816 | 6942.562 |
| 113.790 | 1.003 | 14.695 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 12.780 | 17.711 | 29.130 | 8774.781 | 10194.056 | 5.806 | 6931.958 |
| 113.963 | 1.003 | 14.697 | | | | | | |
| 1/11/2017 9:50:00 PM | 604200.000 | 12.783 | 17.710 | 29.136 | 8762.424 | 10179.777 | 5.798 | 6922.249 |
| 114.124 | 1.003 | 14.695 | | | | | | |
| 1/11/2017 9:55:00 PM | 604500.000 | 12.786 | 17.710 | 29.142 | 8751.823 | 10167.483 | 5.790 | 6913.889 |
| 114.262 | 1.003 | 14.693 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 12.786 | 17.710 | 29.143 | 8737.700 | 10151.036 | 5.780 | 6902.705 |
| 114.447 | 1.003 | 14.692 | | | | | | |
| 1/11/2017 10:05:00 PM | 605100.000 | 12.787 | 17.710 | 29.145 | 8730.528 | 10142.822 | 5.775 | 6897.120 |
| 114.541 | 1.003 | 14.692 | | | | | | |
| 1/11/2017 10:10:00 PM | 605400.000 | 12.784 | 17.709 | 29.139 | 8718.294 | 10128.726 | 5.766 | 6887.534 |
| 114.701 | 1.003 | 14.691 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 12.785 | 17.709 | 29.142 | 8709.140 | 10118.149 | 5.760 | 6880.342 |
| 114.822 | 1.003 | 14.691 | | | | | | |
| 1/11/2017 10:20:00 PM | 606000.000 | 12.785 | 17.709 | 29.141 | 8703.253 | 10111.368 | 5.756 | 6875.731 |
| 114.900 | 1.003 | 14.691 | | | | | | |
| 1/11/2017 10:25:00 PM | 606300.000 | 12.783 | 17.709 | 29.137 | 8694.989 | 10101.750 | 5.750 | 6869.190 |
| 115.009 | 1.003 | 14.690 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 12.785 | 17.708 | 29.140 | 8690.204 | 10096.327 | 5.746 | 6865.503 |
| 115.072 | 1.003 | 14.689 | | | | | | |
| 1/11/2017 10:35:00 PM | 606900.000 | 12.785 | 17.708 | 29.141 | 8683.269 | 10088.406 | 5.742 | 6860.117 |
| 115.164 | 1.003 | 14.689 | | | | | | |
| 1/11/2017 10:40:00 PM | 607200.000 | 12.784 | 17.708 | 29.138 | 8673.548 | 10077.150 | 5.735 | 6852.463 |
| 115.293 | 1.003 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 12.782 | 17.707 | 29.135 | 8665.882 | 10068.323 | 5.729 | 6846.460 |
| 115.395 | 1.003 | 14.689 | | | | | | |
| 1/11/2017 10:50:00 PM | 607800.000 | 12.785 | 17.707 | 29.142 | 8654.786 | 10055.588 | 5.722 | 6837.800 |
| 115.543 | 1.003 | 14.686 | | | | | | |
| 1/11/2017 10:55:00 PM | 608100.000 | 12.790 | 17.706 | 29.152 | 8642.535 | 10041.526 | 5.713 | 6828.238 |
| 115.707 | 1.003 | 14.684 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 12.791 | 17.706 | 29.154 | 8630.683 | 10027.659 | 5.704 | 6818.809 |
| 115.866 | 1.003 | 14.681 | | | | | | |
| 1/11/2017 11:05:00 PM | 608700.000 | 12.788 | 17.706 | 29.148 | 8617.330 | 10012.223 | 5.695 | 6808.312 |
| 116.045 | 1.003 | 14.683 | | | | | | |
| 1/11/2017 11:10:00 PM | 609000.000 | 12.783 | 17.706 | 29.137 | 8605.118 | 9998.092 | 5.686 | 6798.703 |
| 116.210 | 1.003 | 14.684 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 12.789 | 17.705 | 29.150 | 8590.789 | 9981.617 | 5.676 | 6787.500 |
| 116.404 | 1.003 | 14.685 | | | | | | |
| 1/11/2017 11:20:00 PM | 609600.000 | 12.787 | 17.705 | 29.144 | 8579.179 | 9968.050 | 5.668 | 6778.274 |
| 116.561 | 1.003 | 14.686 | | | | | | |
| 1/11/2017 11:25:00 PM | 609900.000 | 12.786 | 17.705 | 29.143 | 8570.181 | 9957.729 | 5.662 | 6771.256 |
| 116.684 | 1.003 | 14.687 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 12.779 | 17.705 | 29.128 | 8562.712 | 9949.052 | 5.656 | 6765.355 |
| 116.785 | 1.003 | 14.688 | | | | | | |
| 1/11/2017 11:35:00 PM | 610500.000 | 12.784 | 17.704 | 29.139 | 8555.971 | 9941.336 | 5.652 | 6760.109 |
| 116.877 | 1.003 | 14.687 | | | | | | |
| 1/11/2017 11:40:00 PM | 610800.000 | 12.784 | 17.704 | 29.139 | 8551.209 | 9935.822 | 5.648 | 6756.359 |
| 116.943 | 1.003 | 14.686 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 12.784 | 17.703 | 29.139 | 8543.054 | 9926.521 | 5.643 | 6750.034 |
| 117.054 | 1.003 | 14.686 | | | | | | |
| 1/11/2017 11:50:00 PM | 611400.000 | 12.785 | 17.704 | 29.141 | 8534.424 | 9916.394 | 5.636 | 6743.148 |
| 117.173 | 1.003 | 14.683 | | | | | | |
| 1/11/2017 11:55:00 PM | 61700.000 | 12.788 | 17.703 | 29.149 | 8521.457 | 9901.463 | 5.627 | 6732.995 |
| 117.351 | 1.003 | 14.681 | | | | | | |

Report Date: 1/16/2017 8:32:54 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-5D Pre Test_2017-01-12_17-03-27-897-BaroMerge.wsl
Create Date: 1/16/2017 8:29:56 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-5D
Device Name:
Serial Number: 398697
Firmware Version: 2.00
Hardware Version: 2
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 3
Used Battery(%): 1

Log Configuration
Log Name: MPWSP MW-5D Pre Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/14/2015 5:21:38 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 3/14/2015 5:30:00 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: Depth
Specific Gravity: 1.012

Other Log Settings
Depth of Probe: 364.976 (ft)
Head Pressure: 160.126 (PSI)
Temperature: 21.4216 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 3/14/2015 5:21:49 PM | Used Battery: 1% Used Memory: 4% User Name: nreynolds |
| 3/20/2015 1:42:10 PM | Log Download - Used Battery: 1% Used Memory: 4% User Name: GSSI |
| 3/27/2015 3:11:22 PM | Log Download - Used Battery: 2% Used Memory: 6% User Name: GSSI |
| 4/3/2015 10:31:30 AM | Log Download - Used Battery: 2% Used Memory: 6% User Name: ECrowWillard |
| 4/10/2015 9:37:12 AM | Log Download - Used Battery: 2% Used Memory: 7% User Name: ECrowWillard |
| 4/17/2015 4:35:02 PM | Log Download - Used Battery: 3% Used Memory: 7% User Name: AKieta |
| 4/24/2015 2:40:39 PM | Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard |
| 5/1/2015 3:13:28 PM | Log Download - Used Battery: 4% Used Memory: 9% User Name: GSSI |
| 5/7/2015 4:36:59 PM | Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard Interval - Start Time: 5/1/2015 3:00:00 PM |
| 5/11/2015 1:01:57 PM | Log Download - Used Battery: 4% Used Memory: 10% User Name: BDuarte |
| 5/14/2015 6:06:28 PM | Log Download - Used Battery: 4% Used Memory: 10% User Name: BDuarte Interval - Start Time: 5/11/2015 1:00:00 PM |
| 5/18/2015 1:20:22 PM | Log Download - Used Battery: 4% Used Memory: 12% User Name: BDuarte Interval - Start Time: 5/14/2015 6:00:00 PM |
| 5/21/2015 1:04:06 PM | Log Download - Used Battery: 5% Used Memory: 12% User Name: CShaw |
| 5/28/2015 4:04:17 PM | Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 5/7/2015 4:30:00 PM |
| 6/4/2015 5:35:43 PM | Log Download - Used Battery: 5% Used Memory: 14% User Name: BDuarte |
| 6/11/2015 8:20:02 AM | Log Download - Used Battery: 6% Used Memory: 14% User Name: BDuarte Interval - Start Time: 6/4/2015 5:30:00 PM |
| 6/17/2015 8:56:47 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: CShaw Interval - Start Time: 5/21/2015 1:00:00 PM |
| 6/18/2015 11:39:25 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: CShaw |
| 6/25/2015 10:26:07 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/11/2015 8:15:00 AM |
| 7/2/2015 9:52:38 AM | Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw |
| 7/9/2015 2:16:22 PM | Log Download - Used Battery: 7% Used Memory: 17% User Name: BDuarte |
| 7/16/2015 9:40:59 AM | Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw |
| 7/23/2015 11:18:20 AM | Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar |
| 7/30/2015 3:52:38 PM | Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 2:15:00 PM |
| 7/30/2015 4:54:30 PM | Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 2:15:00 PM |
| 8/6/2015 1:55:33 PM | Log Download - Used Battery: 9% Used Memory: 21% User Name: CShaw Interval - Start Time: 7/14/2015 2:15:00 PM Stop Time: 8/6/2015 1:30:00 PM |
| 8/13/2015 10:58:06 AM | Log Download - Used Battery: 9% Used Memory: 21% User Name: KMakar Interval - Start Time: 7/23/2015 11:15:00 AM |
| 8/20/2015 5:25:42 PM | Log Download - Used Battery: 9% Used Memory: 23% User Name: BDuarte Interval - Start Time: 7/30/2015 4:45:00 PM |
| 8/27/2015 11:57:15 AM | Log Download - Used Battery: 10% Used Memory: 23% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 11:55:00 AM |
| 9/3/2015 11:50:27 AM | Log Download - Used Battery: 10% Used Memory: 25% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 11:45:00 AM |
| 9/10/2015 9:25:55 AM | Log Download - Used Battery: 11% Used Memory: 25% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 9:25:00 AM |
| 9/17/2015 9:27:07 AM | Log Download - Used Battery: 11% Used Memory: 26% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 9:30:00 AM |
| 9/24/2015 5:47:55 PM | Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM |
| 9/24/2015 6:04:13 PM | Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM |
| 9/24/2015 7:41:30 PM | Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:30:00 PM |
| 10/1/2015 9:51:21 AM | Log Download - Used Battery: 12% Used Memory: 28% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 9:50:00 AM |
| 10/8/2015 11:29:10 AM | Log Download - Used Battery: 12% Used Memory: 28% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 12:15:00 PM |
| 10/15/2015 11:09:18 AM | Log Download - Used Battery: 12% Used Memory: 29% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 11:15:00 AM |
| 10/22/2015 10:31:53 AM | Log Download - Used Battery: 13% Used Memory: 29% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 11:30:00 AM |
| 10/29/2015 11:46:57 AM | Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 11:45:00 AM |
| 11/5/2015 8:33:04 AM | Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 8:30:00 AM |
| 11/12/2015 2:02:13 PM | Log Download - Used Battery: 14% Used Memory: 32% User Name: CShaw Interval - Start Time: 10/27/2015 11:00:00 AM Stop Time: 11/12/2015 2:30:00 PM |
| 11/19/2015 9:41:17 AM | Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 9:45:00 AM |
| 11/29/2015 11:15:13 AM | Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 12:00:00 PM |
| 12/3/2015 8:09:51 AM | Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 8:10:00 AM |
| 12/10/2015 10:31:42 AM | Log Download - Used Battery: 15% Used Memory: 35% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 10:30:00 AM |
| 12/17/2015 9:49:12 AM | Log Download - Used Battery: 16% Used Memory: 35% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 9:45:00 AM |
| 1/3/2016 11:56:11 AM | Log Download - Used Battery: 16% Used Memory: 39% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 12:45:00 PM |
| 1/3/2016 12:55:37 PM | Sensor SN: 398697 Cache Timeout: 1000 User Name: CShaw |
| 1/3/2016 12:57:19 PM | Device Taken Offline |
| 1/3/2016 12:58:39 PM | Conductivity calibration.<br>Sensor SN: 398697<br>Cell Constant: 1.00791 Cell Offset: 0<br>Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw |
| 1/3/2016 12:59:45 PM | Device Put Online |
| 1/3/2016 12:59:45 PM | Sensor SN: 398697 Cache Timeout: 1750 User Name: CShaw |
| 1/7/2016 9:11:16 AM | Log Download - Used Battery: 17% Used Memory: 39% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:15:00 AM |
| 1/14/2016 1:11:12 PM | Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 1:15:00 PM |
| 1/21/2016 9:17:37 AM | Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:15:00 AM |
| 1/28/2016 9:42:58 AM | Log Download - Used Battery: 18% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:45:00 AM |
| 2/4/2016 10:30:51 AM | Log Download - Used Battery: 18% Used Memory: 42% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 11:15:00 AM |
| 2/11/2016 10:18:11 AM | Log Download - Used Battery: 19% Used Memory: 43% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 11:14:45 AM |
| 2/18/2016 11:00:57 AM | Log Download - Used Battery: 19% Used Memory: 43% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:00:00 AM |
| 2/25/2016 10:31:31 AM | Log Download - Used Battery: 19% Used Memory: 45% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:30:00 AM |
| 3/3/2016 12:11:56 PM | Log Download - Used Battery: 20% Used Memory: 45% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:59:45 PM |
| 3/10/2016 2:57:18 PM | Log Download - Used Battery: 20% Used Memory: 46% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:45:00 PM |
| 3/17/2016 10:00:06 AM | Log Download - Used Battery: 20% Used Memory: 46% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 10:44:45 AM |
| 3/24/2016 9:17:14 AM | Log Download - Used Battery: 21% Used Memory: 48% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:15:00 AM |
| 3/31/2016 3:27:31 PM | Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:14:45 PM |
| 4/7/2016 10:23:21 AM | Log Download - Used Battery: 21% Used Memory: 50% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:30:00 AM |
| 4/14/2016 4:08:43 PM | Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 4:45:00 PM |

Log Data:
Record Count: 748
Sensors: 2
1 - 398697: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| Date and Time | Elapsed Time Seconds | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sensor: PCTD(A) 658.7ft SN#: 398697 | Sensor: PCTD(A) 658.7ft SN#: 398697 | Sensor: PCTD(A) 658.7ft SN#: 398697 | Sensor: PCTD(A) 658.7ft SN#: 398697 | Sensor: PCTD(A) 658.7ft SN#: 398697 | Sensor: PCTD(A) 658.7ft SN#: 398697 | Sensor: PCTD(A) 658.7ft SN#: 398697 | | | |
| | | Sensor: PCTD(A) 658.7ft SN#: 398697 | Sensor: PCTD(A) 658.7ft SN#: 398697 | Sensor: Baro-Adj Calc SN#: 000000 | | | | | | | |
| 1/5/2017 12:14:45 AM | 7200.000 | 146.450 | 21.340 | 333.805 | 5534.614 | 5950.571 | 3.272 | 4.046 | 180.681 | 1.000 | 14.709 |
| 1/5/2017 12:29:45 AM | 8100.000 | 146.458 | 21.345 | 333.824 | 5534.150 | 5949.515 | 3.271 | 4.046 | 180.696 | 1.000 | 14.713 |
| 1/5/2017 12:44:45 AM | 9000.000 | 146.412 | 21.348 | 333.719 | 5535.480 | 5950.517 | 3.272 | 4.046 | 180.653 | 1.000 | 14.717 |
| 1/5/2017 12:59:45 AM | 9900.000 | 146.444 | 21.346 | 333.792 | 5535.769 | 5951.063 | 3.272 | 4.047 | 180.643 | 1.000 | 14.716 |
| 1/5/2017 1:14:45 AM | 10800.000 | 146.419 | 21.345 | 333.733 | 5535.803 | 5951.258 | 3.272 | 4.047 | 180.642 | 1.000 | 14.714 |
| 1/5/2017 1:29:45 AM | 11700.000 | 146.449 | 21.347 | 333.803 | 5536.386 | 5951.694 | 3.272 | 4.047 | 180.623 | 1.000 | 14.717 |
| 1/5/2017 1:44:45 AM | 12600.000 | 146.451 | 21.342 | 333.806 | 5535.154 | 5950.873 | 3.272 | 4.047 | 180.663 | 1.000 | 14.720 |
| 1/5/2017 1:59:45 AM | 13500.000 | 146.453 | 21.345 | 333.811 | 5535.789 | 5951.276 | 3.272 | 4.047 | 180.643 | 1.000 | 14.723 |
| 1/5/2017 2:14:45 AM | 14400.000 | 146.453 | 21.348 | 333.811 | 5537.052 | 5952.291 | 3.273 | 4.048 | 180.602 | 1.000 | 14.718 |
| 1/5/2017 2:29:45 AM | 15300.000 | 146.418 | 21.343 | 333.731 | 5536.277 | 5951.973 | 3.272 | 4.047 | 180.627 | 1.000 | 14.718 |
| 1/5/2017 2:44:45 AM | 16200.000 | 146.457 | 21.341 | 333.820 | 5536.440 | 5952.417 | 3.273 | 4.048 | 180.621 | 1.000 | 14.721 |
| 1/5/2017 2:59:45 AM | 17100.000 | 146.460 | 21.332 | 333.827 | 5535.133 | 5952.125 | 3.273 | 4.047 | 180.664 | 1.000 | 14.724 |
| 1/5/2017 3:14:45 AM | 18000.000 | 146.463 | 21.342 | 333.835 | 5536.565 | 5952.411 | 3.273 | 4.048 | 180.617 | 1.000 | 14.718 |
| 1/5/2017 3:29:45 AM | 18900.000 | 146.465 | 21.345 | 333.839 | 5537.104 | 5952.668 | 3.273 | 4.048 | 180.600 | 1.000 | 14.721 |
| 1/5/2017 3:44:45 AM | 19800.000 | 146.419 | 21.343 | 333.735 | 5536.201 | 5951.977 | 3.272 | 4.047 | 180.629 | 1.000 | 14.722 |
| 1/5/2017 3:59:45 AM | 20700.000 | 146.466 | 21.341 | 333.840 | 5535.631 | 5951.622 | 3.272 | 4.047 | 180.648 | 1.000 | 14.720 |
| 1/5/2017 4:14:45 AM | 21600.000 | 146.464 | 21.343 | 333.836 | 5536.886 | 5952.681 | 3.273 | 4.048 | 180.607 | 1.000 | 14.717 |
| 1/5/2017 4:29:45 AM | 22500.000 | 146.467 | 21.344 | 333.844 | 5537.450 | 5953.126 | 3.273 | 4.048 | 180.589 | 1.000 | 14.725 |
| 1/5/2017 4:44:45 AM | 23400.000 | 146.473 | 21.346 | 333.856 | 5537.903 | 5953.347 | 3.273 | 4.048 | 180.574 | 1.000 | 14.722 |
| 1/5/2017 4:59:45 AM | 24300.000 | 146.446 | 21.344 | 333.796 | 5537.557 | 5953.295 | 3.273 | 4.048 | 180.585 | 1.000 | 14.708 |
| 1/5/2017 5:14:45 AM | 25200.000 | 146.478 | 21.343 | 333.869 | 5537.190 | 5953.050 | 3.273 | 4.048 | 180.597 | 1.000 | 14.722 |
| 1/5/2017 5:29:45 AM | 26100.000 | 146.451 | 21.345 | 333.806 | 5536.911 | 5952.460 | 3.273 | 4.048 | 180.606 | 1.000 | 14.718 |
| 1/5/2017 5:44:45 AM | 27000.000 | 146.475 | 21.348 | 333.862 | 5537.718 | 5952.997 | 3.273 | 4.048 | 180.580 | 1.000 | 14.722 |
| 1/5/2017 5:59:45 AM | 27900.000 | 146.483 | 21.345 | 333.881 | 5537.836 | 5953.456 | 3.273 | 4.048 | 180.576 | 1.000 | 14.720 |
| 1/5/2017 6:14:45 AM | 28800.000 | 146.446 | 21.335 | 333.794 | 5536.281 | 5952.994 | 3.273 | 4.048 | 180.627 | 1.000 | 14.728 |
| 1/5/2017 6:29:45 AM | 29700.000 | 146.493 | 21.335 | 333.903 | 5536.510 | 5953.230 | 3.273 | 4.048 | 180.619 | 1.000 | 14.723 |
| 1/5/2017 6:44:45 AM | 30600.000 | 146.448 | 21.343 | 333.801 | 5537.674 | 5953.549 | 3.273 | 4.048 | 180.581 | 1.000 | 14.733 |
| 1/5/2017 6:59:45 AM | 31500.000 | 146.451 | 21.335 | 333.806 | 5536.604 | 5953.311 | 3.273 | 4.048 | 180.616 | 1.000 | 14.736 |
| 1/5/2017 7:14:45 AM | 32400.000 | 146.498 | 21.330 | 333.915 | 5536.134 | 5953.447 | 3.273 | 4.048 | 180.631 | 1.000 | 14.735 |
| 1/5/2017 7:29:45 AM | 33300.000 | 146.455 | 21.325 | 333.817 | 5535.554 | 5953.381 | 3.273 | 4.048 | 180.650 | 1.000 | 14.730 |
| 1/5/2017 7:44:45 AM | 34200.000 | 146.466 | 21.331 | 333.842 | 5536.803 | 5954.071 | 3.274 | 4.049 | 180.610 | 1.000 | 14.731 |
| 1/5/2017 7:59:45 AM | 35100.000 | 146.492 | 21.338 | 333.902 | 5538.111 | 5954.598 | 3.274 | 4.049 | 180.567 | 1.000 | 14.737 |
| 1/5/2017 8:14:45 AM | 36000.000 | 146.500 | 21.343 | 333.919 | 5537.915 | 5953.787 | 3.274 | 4.049 | 180.573 | 1.000 | 14.739 |
| 1/5/2017 8:29:45 AM | 36900.000 | 146.452 | 21.338 | 333.810 | 5538.091 | 5954.630 | 3.274 | 4.049 | 180.568 | 1.000 | 14.745 |
| 1/5/2017 8:44:45 AM | 37800.000 | 146.463 | 21.339 | 333.834 | 5537.431 | 5953.770 | 3.274 | 4.049 | 180.589 | 1.000 | 14.750 |
| 1/5/2017 8:59:45 AM | 38700.000 | 146.467 | 21.343 | 333.843 | 5538.285 | 5954.206 | 3.274 | 4.049 | 180.561 | 1.000 | 14.747 |
| 1/5/2017 9:14:45 AM | 39600.000 | 146.460 | 21.347 | 333.828 | 5538.804 | 5954.208 | 3.274 | 4.049 | 180.544 | 1.000 | 14.759 |
| 1/5/2017 9:29:45 AM | 40500.000 | 146.477 | 21.332 | 333.866 | 5537.010 | 5954.186 | 3.274 | 4.049 | 180.603 | 1.000 | 14.750 |
| 1/5/2017 9:44:45 AM | 41400.000 | 146.470 | 21.327 | 333.850 | 5536.985 | 5954.674 | 3.274 | 4.049 | 180.604 | 1.000 | 14.758 |
| 1/5/2017 9:59:45 AM | 42300.000 | 146.471 | 21.322 | 333.852 | 5536.377 | 5954.749 | 3.274 | 4.049 | 180.624 | 1.000 | 14.757 |
| 1/5/2017 10:14:45 AM | 43200.000 | 146.512 | 21.320 | 333.946 | 5536.747 | 5955.275 | 3.274 | 4.050 | 180.611 | 1.000 | 14.757 |
| 1/5/2017 10:29:45 AM | 44100.000 | 146.470 | 21.320 | 333.850 | 5536.125 | 5954.606 | 3.274 | 4.049 | 180.632 | 1.000 | 14.758 |
| 1/5/2017 10:44:45 AM | 45000.000 | 146.477 | 21.321 | 333.867 | 5535.822 | 5954.237 | 3.274 | 4.049 | 180.642 | 1.000 | 14.758 |
| 1/5/2017 10:59:45 AM | 45900.000 | 146.481 | 21.323 | 333.875 | 5538.975 | 5957.371 | 3.276 | 4.051 | 180.539 | 1.000 | 14.746 |
| 1/5/2017 11:14:45 AM | 46800.000 | 146.470 | 21.322 | 333.850 | 5538.190 | 5956.592 | 3.275 | 4.050 | 180.564 | 1.000 | 14.751 |
| 1/5/2017 11:29:45 AM | 47700.000 | 146.471 | 21.323 | 333.853 | 5538.261 | 5956.603 | 3.275 | 4.050 | 180.562 | 1.000 | 14.757 |
| 1/5/2017 11:44:45 AM | 48600.000 | 146.516 | 21.323 | 333.955 | 5536.880 | 5955.097 | 3.274 | 4.049 | 180.607 | 1.000 | 14.750 |
| 1/5/2017 11:59:45 AM | 49500.000 | 146.474 | 21.329 | 333.859 | 5538.984 | 5956.695 | 3.275 | 4.051 | 180.539 | 1.000 | 14.745 |
| 1/5/2017 12:14:45 PM | 50400.000 | 146.509 | 21.330 | 333.939 | 5539.534 | 5957.072 | 3.275 | 4.051 | 180.521 | 1.000 | 14.749 |
| 1/5/2017 12:29:45 PM | 51300.000 | 146.474 | 21.324 | 333.859 | 5537.942 | 5956.099 | 3.275 | 4.050 | 180.572 | 1.000 | 14.748 |
| 1/5/2017 12:44:45 PM | 52200.000 | 146.482 | 21.322 | 333.877 | 5537.851 | 5956.312 | 3.275 | 4.050 | 180.575 | 1.000 | 14.742 |
| 1/5/2017 12:59:45 PM | 53100.000 | 146.469 | 21.324 | 333.847 | 5539.034 | 5957.305 | 3.276 | 4.051 | 180.537 | 1.000 | 14.742 |
| 1/5/2017 1:14:45 PM | 54000.000 | 146.505 | 21.330 | 333.930 | 5539.844 | 5957.458 | 3.276 | 4.051 | 180.511 | 1.000 | 14.736 |
| 1/5/2017 1:29:45 PM | 54900.000 | 146.508 | 21.331 | 333.936 | 5540.855 | 5958.417 | 3.276 | 4.052 | 180.478 | 1.000 | 14.736 |
| 1/5/2017 1:44:45 PM | 55800.000 | 146.510 | 21.327 | 333.943 | 5539.876 | 5957.847 | 3.276 | 4.051 | 180.509 | 1.000 | 14.740 |
| 1/5/2017 1:59:45 PM | 56700.000 | 146.502 | 21.331 | 333.924 | 5540.363 | 5957.878 | 3.276 | 4.051 | 180.494 | 1.000 | 14.744 |
| 1/5/2017 2:14:45 PM | 57600.000 | 146.472 | 21.329 | 333.855 | 5540.271 | 5958.068 | 3.276 | 4.051 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 180.497 | 1.000 | 14.741 | | | | | | |
| 1/5/2017 2:29:45 PM | 58500.000 | 146.502 | 21.335 | 333.924 | 5540.780 | 5957.833 | 3.276 | 4.051 |
| 180.480 | 1.000 | 14.740 | | | | | | |
| 1/5/2017 2:44:45 PM | 59400.000 | 146.506 | 21.340 | 333.932 | 5540.573 | 5956.988 | 3.275 | 4.051 |
| 180.487 | 1.000 | 14.738 | | | | | | |
| 1/5/2017 2:59:45 PM | 60300.000 | 146.503 | 21.341 | 333.925 | 5540.836 | 5957.196 | 3.276 | 4.051 |
| 180.478 | 1.000 | 14.741 | | | | | | |
| 1/5/2017 3:14:45 PM | 61200.000 | 146.466 | 21.343 | 333.841 | 5540.780 | 5956.847 | 3.275 | 4.051 |
| 180.480 | 1.000 | 14.740 | | | | | | |
| 1/5/2017 3:29:45 PM | 62100.000 | 146.511 | 21.341 | 333.943 | 5542.406 | 5958.798 | 3.276 | 4.052 |
| 180.427 | 1.000 | 14.739 | | | | | | |
| 1/5/2017 3:44:45 PM | 63000.000 | 146.477 | 21.337 | 333.866 | 5542.174 | 5959.084 | 3.277 | 4.052 |
| 180.435 | 1.000 | 14.740 | | | | | | |
| 1/5/2017 3:59:45 PM | 63900.000 | 146.506 | 21.334 | 333.933 | 5541.847 | 5959.130 | 3.277 | 4.052 |
| 180.445 | 1.000 | 14.741 | | | | | | |
| 1/5/2017 4:14:45 PM | 64800.000 | 146.466 | 21.328 | 333.842 | 5540.432 | 5958.328 | 3.276 | 4.052 |
| 180.491 | 1.000 | 14.745 | | | | | | |
| 1/5/2017 4:29:45 PM | 65700.000 | 146.463 | 21.330 | 333.834 | 5539.627 | 5957.269 | 3.276 | 4.051 |
| 180.518 | 1.000 | 14.745 | | | | | | |
| 1/5/2017 4:44:45 PM | 66600.000 | 146.469 | 21.336 | 333.849 | 5541.673 | 5958.621 | 3.276 | 4.052 |
| 180.451 | 1.000 | 14.749 | | | | | | |
| 1/5/2017 4:59:45 PM | 67500.000 | 146.464 | 21.338 | 333.838 | 5541.678 | 5958.434 | 3.276 | 4.052 |
| 180.451 | 1.000 | 14.749 | | | | | | |
| 1/5/2017 5:14:45 PM | 68400.000 | 146.506 | 21.337 | 333.933 | 5541.294 | 5958.160 | 3.276 | 4.052 |
| 180.463 | 1.000 | 14.751 | | | | | | |
| 1/5/2017 5:29:45 PM | 69300.000 | 146.499 | 21.334 | 333.916 | 5540.093 | 5957.201 | 3.276 | 4.051 |
| 180.502 | 1.000 | 14.753 | | | | | | |
| 1/5/2017 5:44:45 PM | 70200.000 | 146.474 | 21.323 | 333.860 | 5540.299 | 5958.795 | 3.276 | 4.052 |
| 180.496 | 1.000 | 14.751 | | | | | | |
| 1/5/2017 5:59:45 PM | 71100.000 | 146.484 | 21.322 | 333.882 | 5540.106 | 5958.750 | 3.276 | 4.052 |
| 180.502 | 1.000 | 14.745 | | | | | | |
| 1/5/2017 6:14:45 PM | 72000.000 | 146.473 | 21.321 | 333.856 | 5538.810 | 5957.439 | 3.276 | 4.051 |
| 180.544 | 1.000 | 14.755 | | | | | | |
| 1/5/2017 6:29:45 PM | 72900.000 | 146.492 | 21.321 | 333.901 | 5538.180 | 5956.698 | 3.275 | 4.051 |
| 180.565 | 1.000 | 14.748 | | | | | | |
| 1/5/2017 6:44:45 PM | 73800.000 | 146.469 | 21.320 | 333.848 | 5537.958 | 5956.610 | 3.275 | 4.050 |
| 180.572 | 1.000 | 14.760 | | | | | | |
| 1/5/2017 6:59:45 PM | 74700.000 | 146.508 | 21.323 | 333.937 | 5539.011 | 5957.356 | 3.276 | 4.051 |
| 180.538 | 1.000 | 14.759 | | | | | | |
| 1/5/2017 7:14:45 PM | 75600.000 | 146.465 | 21.330 | 333.838 | 5539.116 | 5956.675 | 3.275 | 4.051 |
| 180.534 | 1.000 | 14.757 | | | | | | |
| 1/5/2017 7:29:45 PM | 76500.000 | 146.465 | 21.335 | 333.840 | 5538.953 | 5955.857 | 3.275 | 4.050 |
| 180.540 | 1.000 | 14.760 | | | | | | |
| 1/5/2017 7:44:45 PM | 77400.000 | 146.469 | 21.336 | 333.849 | 5539.152 | 5955.997 | 3.275 | 4.050 |
| 180.533 | 1.000 | 14.756 | | | | | | |
| 1/5/2017 7:59:45 PM | 78300.000 | 146.505 | 21.343 | 333.930 | 5541.753 | 5957.956 | 3.276 | 4.051 |
| 180.448 | 1.000 | 14.758 | | | | | | |
| 1/5/2017 8:14:45 PM | 79200.000 | 146.502 | 21.342 | 333.923 | 5541.422 | 5957.622 | 3.276 | 4.051 |
| 180.459 | 1.000 | 14.763 | | | | | | |
| 1/5/2017 8:29:45 PM | 80100.000 | 146.468 | 21.345 | 333.845 | 5540.694 | 5956.528 | 3.275 | 4.050 |
| 180.483 | 1.000 | 14.759 | | | | | | |
| 1/5/2017 8:44:45 PM | 81000.000 | 146.499 | 21.341 | 333.916 | 5541.012 | 5957.299 | 3.276 | 4.051 |
| 180.472 | 1.000 | 14.763 | | | | | | |
| 1/5/2017 8:59:45 PM | 81900.000 | 146.458 | 21.345 | 333.824 | 5540.606 | 5956.456 | 3.275 | 4.050 |
| 180.486 | 1.000 | 14.769 | | | | | | |
| 1/5/2017 9:14:45 PM | 82800.000 | 146.495 | 21.344 | 333.908 | 5541.479 | 5957.524 | 3.276 | 4.051 |
| 180.457 | 1.000 | 14.767 | | | | | | |
| 1/5/2017 9:29:45 PM | 83700.000 | 146.464 | 21.341 | 333.836 | 5541.952 | 5958.320 | 3.276 | 4.052 |
| 180.442 | 1.000 | 14.767 | | | | | | |
| 1/5/2017 9:44:45 PM | 84600.000 | 146.489 | 21.347 | 333.894 | 5541.991 | 5957.709 | 3.276 | 4.051 |
| 180.441 | 1.000 | 14.778 | | | | | | |
| 1/5/2017 9:59:45 PM | 85500.000 | 146.462 | 21.342 | 333.832 | 5541.736 | 5957.970 | 3.276 | 4.051 |
| 180.449 | 1.000 | 14.773 | | | | | | |
| 1/5/2017 10:14:45 PM | 86400.000 | 146.455 | 21.343 | 333.816 | 5542.303 | 5958.462 | 3.276 | 4.052 |
| 180.430 | 1.000 | 14.775 | | | | | | |
| 1/5/2017 10:29:45 PM | 87300.000 | 146.462 | 21.342 | 333.832 | 5542.010 | 5958.275 | 3.276 | 4.052 |
| 180.440 | 1.000 | 14.768 | | | | | | |
| 1/5/2017 10:44:45 PM | 88200.000 | 146.466 | 21.341 | 333.841 | 5543.094 | 5959.559 | 3.277 | 4.053 |
| 180.405 | 1.000 | 14.764 | | | | | | |
| 1/5/2017 10:59:45 PM | 89100.000 | 146.486 | 21.344 | 333.887 | 5543.755 | 5959.883 | 3.277 | 4.053 |
| 180.383 | 1.000 | 14.773 | | | | | | |
| 1/5/2017 11:14:45 PM | 90000.000 | 146.498 | 21.343 | 333.915 | 5543.229 | 5959.480 | 3.277 | 4.052 |
| 180.400 | 1.000 | 14.764 | | | | | | |
| 1/5/2017 11:29:45 PM | 90900.000 | 146.499 | 21.342 | 333.916 | 5543.871 | 5960.307 | 3.277 | 4.053 |
| 180.379 | 1.000 | 14.770 | | | | | | |
| 1/5/2017 11:44:45 PM | 91800.000 | 146.464 | 21.343 | 333.837 | 5542.864 | 5959.087 | 3.277 | 4.052 |
| 180.412 | 1.000 | 14.771 | | | | | | |
| 1/5/2017 11:59:45 PM | 92700.000 | 146.456 | 21.345 | 333.818 | 5544.194 | 5960.291 | 3.277 | 4.053 |
| 180.369 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 12:14:45 AM | 93600.000 | 146.464 | 21.344 | 333.836 | 5543.810 | 5959.942 | 3.277 | 4.053 |
| 180.381 | 1.000 | 14.770 | | | | | | |
| 1/6/2017 12:29:45 AM | 94500.000 | 146.452 | 21.344 | 333.809 | 5543.144 | 5959.269 | 3.277 | 4.052 |
| 180.403 | 1.000 | 14.772 | | | | | | |
| 1/6/2017 12:44:45 AM | 95400.000 | 146.453 | 21.343 | 333.812 | 5544.438 | 5960.832 | 3.278 | 4.053 |
| 180.361 | 1.000 | 14.768 | | | | | | |
| 1/6/2017 12:59:45 AM | 96300.000 | 146.484 | 21.345 | 333.882 | 5543.630 | 5959.739 | 3.277 | 4.053 |
| 180.387 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 1:14:45 AM | 97200.000 | 146.459 | 21.339 | 333.826 | 5544.164 | 5961.021 | 3.278 | 4.053 |
| 180.370 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 1:29:45 AM | 98100.000 | 146.459 | 21.346 | 333.826 | 5544.686 | 5960.723 | 3.278 | 4.053 |
| 180.353 | 1.000 | 14.772 | | | | | | |
| 1/6/2017 1:44:45 AM | 99000.000 | 146.498 | 21.333 | 333.913 | 5542.403 | 5959.825 | 3.277 | 4.053 |
| 180.427 | 1.000 | 14.770 | | | | | | |
| 1/6/2017 1:59:45 AM | 99900.000 | 146.466 | 21.334 | 333.842 | 5542.729 | 5960.024 | 3.277 | 4.053 |
| 180.417 | 1.000 | 14.765 | | | | | | |
| 1/6/2017 2:14:45 AM | 100800.000 | 146.463 | 21.327 | 333.834 | 5541.740 | 5959.873 | 3.277 | 4.053 |
| 180.449 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 2:29:45 AM | 101700.000 | 146.504 | 21.331 | 333.927 | 5541.734 | 5959.308 | 3.277 | 4.052 |
| 180.449 | 1.000 | 14.765 | | | | | | |
| 1/6/2017 2:44:45 AM | 102600.000 | 146.457 | 21.341 | 333.821 | 5543.763 | 5960.300 | 3.277 | 4.053 |
| 180.383 | 1.000 | 14.775 | | | | | | |
| 1/6/2017 2:59:45 AM | 103500.000 | 146.503 | 21.344 | 333.926 | 5543.741 | 5959.901 | 3.277 | 4.053 |
| 180.384 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 3:14:45 AM | 104400.000 | 146.503 | 21.345 | 333.926 | 5543.207 | 5959.187 | 3.277 | 4.052 |
| 180.401 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 3:29:45 AM | 105300.000 | 146.462 | 21.345 | 333.832 | 5543.929 | 5960.049 | 3.277 | 4.053 |
| 180.378 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 3:44:45 AM | 106200.000 | 146.461 | 21.342 | 333.830 | 5543.940 | 5960.404 | 3.277 | 4.053 |
| 180.377 | 1.000 | 14.773 | | | | | | |
| 1/6/2017 3:59:45 AM | 107100.000 | 146.459 | 21.333 | 333.825 | 5543.146 | 5960.591 | 3.277 | 4.053 |
| 180.403 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 4:14:45 AM | 108000.000 | 146.471 | 21.340 | 333.853 | 5544.567 | 5961.314 | 3.278 | 4.054 |
| 180.357 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 4:29:45 AM | 108900.000 | 146.472 | 21.335 | 333.856 | 5543.290 | 5960.542 | 3.277 | 4.053 |
| 180.398 | 1.000 | 14.765 | | | | | | |
| 1/6/2017 4:44:45 AM | 109800.000 | 146.476 | 21.329 | 333.865 | 5543.259 | 5961.217 | 3.278 | 4.054 |
| 180.399 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 4:59:45 AM | 110700.000 | 146.491 | 21.324 | 333.898 | 5542.212 | 5960.702 | 3.278 | 4.053 |
| 180.433 | 1.000 | 14.759 | | | | | | |
| 1/6/2017 5:14:45 AM | 111600.000 | 146.487 | 21.322 | 333.889 | 5542.041 | 5960.786 | 3.278 | 4.053 |
| 180.439 | 1.000 | 14.768 | | | | | | |
| 1/6/2017 5:29:45 AM | 112500.000 | 146.485 | 21.329 | 333.884 | 5542.914 | 5960.888 | 3.278 | 4.053 |
| 180.411 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 5:44:45 AM | 113400.000 | 146.481 | 21.329 | 333.874 | 5542.188 | 5960.064 | 3.277 | 4.053 |
| 180.434 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 5:59:45 AM | 114300.000 | 146.489 | 21.323 | 333.893 | 5540.877 | 5959.460 | 3.277 | 4.052 |
| 180.477 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 6:14:45 AM | 115200.000 | 146.498 | 21.320 | 333.914 | 5540.739 | 5959.613 | 3.277 | 4.053 |
| 180.481 | 1.000 | 14.770 | | | | | | |
| 1/6/2017 6:29:45 AM | 116100.000 | 146.501 | 21.323 | 333.922 | 5540.913 | 5959.466 | 3.277 | 4.052 |
| 180.476 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 6:44:45 AM | 117000.000 | 146.499 | 21.325 | 333.917 | 5540.051 | 5958.217 | 3.276 | 4.052 |
| 180.504 | 1.000 | 14.766 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/6/2017 6:59:45 AM | 117900.000 | 146.536 | 21.325 | 334.001 | 5540.454 | 5958.747 | 3.276 | 4.052 |
| 180.491 | 1.000 | 14.773 | | | | | | |
| 1/6/2017 7:14:45 AM | 118800.000 | 146.503 | 21.328 | 333.925 | 5540.305 | 5958.136 | 3.276 | 4.052 |
| 180.495 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 7:29:45 AM | 119700.000 | 146.499 | 21.331 | 333.916 | 5541.126 | 5958.740 | 3.276 | 4.052 |
| 180.469 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 7:44:45 AM | 120600.000 | 146.491 | 21.330 | 333.899 | 5540.263 | 5957.931 | 3.276 | 4.051 |
| 180.497 | 1.000 | 14.778 | | | | | | |
| 1/6/2017 7:59:45 AM | 121500.000 | 146.513 | 21.325 | 333.947 | 5539.736 | 5957.878 | 3.276 | 4.051 |
| 180.514 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 8:14:45 AM | 122400.000 | 146.518 | 21.327 | 333.960 | 5540.949 | 5959.022 | 3.277 | 4.052 |
| 180.474 | 1.000 | 14.776 | | | | | | |
| 1/6/2017 8:29:45 AM | 123300.000 | 146.507 | 21.336 | 333.934 | 5542.215 | 5959.280 | 3.277 | 4.052 |
| 180.433 | 1.000 | 14.780 | | | | | | |
| 1/6/2017 8:44:45 AM | 124200.000 | 146.500 | 21.340 | 333.919 | 5543.132 | 5959.782 | 3.277 | 4.053 |
| 180.403 | 1.000 | 14.786 | | | | | | |
| 1/6/2017 8:59:45 AM | 125100.000 | 146.506 | 21.343 | 333.931 | 5543.168 | 5959.478 | 3.277 | 4.052 |
| 180.402 | 1.000 | 14.783 | | | | | | |
| 1/6/2017 9:14:45 AM | 126000.000 | 146.546 | 21.344 | 334.023 | 5543.600 | 5959.760 | 3.277 | 4.053 |
| 180.388 | 1.000 | 14.782 | | | | | | |
| 1/6/2017 9:29:45 AM | 126900.000 | 146.544 | 21.339 | 334.018 | 5543.304 | 5960.009 | 3.277 | 4.053 |
| 180.398 | 1.000 | 14.784 | | | | | | |
| 1/6/2017 9:44:45 AM | 127800.000 | 146.543 | 21.342 | 334.016 | 5543.332 | 5959.707 | 3.277 | 4.053 |
| 180.397 | 1.000 | 14.790 | | | | | | |
| 1/6/2017 9:59:45 AM | 128700.000 | 146.511 | 21.345 | 333.943 | 5543.246 | 5959.218 | 3.277 | 4.052 |
| 180.400 | 1.000 | 14.785 | | | | | | |
| 1/6/2017 10:14:45 AM | 129600.000 | 146.514 | 21.342 | 333.952 | 5543.115 | 5959.474 | 3.277 | 4.052 |
| 180.404 | 1.000 | 14.784 | | | | | | |
| 1/6/2017 10:29:45 AM | 130500.000 | 146.511 | 21.340 | 333.944 | 5542.237 | 5958.734 | 3.276 | 4.052 |
| 180.433 | 1.000 | 14.780 | | | | | | |
| 1/6/2017 10:44:45 AM | 131400.000 | 146.519 | 21.341 | 333.962 | 5543.683 | 5960.278 | 3.277 | 4.053 |
| 180.386 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 10:59:45 AM | 132300.000 | 146.512 | 21.339 | 333.947 | 5542.414 | 5959.127 | 3.277 | 4.052 |
| 180.427 | 1.000 | 14.778 | | | | | | |
| 1/6/2017 11:14:45 AM | 133200.000 | 146.554 | 21.336 | 334.042 | 5543.380 | 5960.457 | 3.277 | 4.053 |
| 180.395 | 1.000 | 14.780 | | | | | | |
| 1/6/2017 11:29:45 AM | 134100.000 | 146.522 | 21.335 | 333.969 | 5543.243 | 5960.438 | 3.277 | 4.053 |
| 180.400 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 11:44:45 AM | 135000.000 | 146.513 | 21.340 | 333.949 | 5543.713 | 5960.333 | 3.277 | 4.053 |
| 180.385 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 11:59:45 AM | 135900.000 | 146.542 | 21.345 | 334.014 | 5545.468 | 5961.649 | 3.278 | 4.054 |
| 180.327 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 12:14:45 PM | 136800.000 | 146.547 | 21.347 | 334.026 | 5545.043 | 5960.979 | 3.278 | 4.053 |
| 180.341 | 1.000 | 14.762 | | | | | | |
| 1/6/2017 12:29:45 PM | 137700.000 | 146.552 | 21.348 | 334.038 | 5544.365 | 5960.142 | 3.277 | 4.053 |
| 180.363 | 1.000 | 14.762 | | | | | | |
| 1/6/2017 12:44:45 PM | 138600.000 | 146.503 | 21.347 | 333.926 | 5545.112 | 5960.999 | 3.278 | 4.053 |
| 180.339 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 12:59:45 PM | 139500.000 | 146.508 | 21.349 | 333.937 | 5544.990 | 5960.643 | 3.278 | 4.053 |
| 180.343 | 1.000 | 14.756 | | | | | | |
| 1/6/2017 1:14:45 PM | 140400.000 | 146.545 | 21.346 | 334.022 | 5544.235 | 5960.239 | 3.277 | 4.053 |
| 180.368 | 1.000 | 14.757 | | | | | | |
| 1/6/2017 1:29:45 PM | 141300.000 | 146.517 | 21.344 | 333.957 | 5546.119 | 5962.478 | 3.279 | 4.054 |
| 180.306 | 1.000 | 14.750 | | | | | | |
| 1/6/2017 1:44:45 PM | 142200.000 | 146.503 | 21.348 | 333.926 | 5544.655 | 5960.422 | 3.277 | 4.053 |
| 180.354 | 1.000 | 14.752 | | | | | | |
| 1/6/2017 1:59:45 PM | 143100.000 | 146.506 | 21.345 | 333.931 | 5544.675 | 5960.797 | 3.278 | 4.053 |
| 180.353 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 2:14:45 PM | 144000.000 | 146.514 | 21.342 | 333.951 | 5544.468 | 5961.003 | 3.278 | 4.053 |
| 180.360 | 1.000 | 14.737 | | | | | | |
| 1/6/2017 2:29:45 PM | 144900.000 | 146.507 | 21.342 | 333.935 | 5545.131 | 5961.599 | 3.278 | 4.054 |
| 180.338 | 1.000 | 14.732 | | | | | | |
| 1/6/2017 2:44:45 PM | 145800.000 | 146.545 | 21.341 | 334.021 | 5544.534 | 5961.150 | 3.278 | 4.054 |
| 180.358 | 1.000 | 14.739 | | | | | | |
| 1/6/2017 2:59:45 PM | 146700.000 | 146.515 | 21.337 | 333.953 | 5544.127 | 5961.152 | 3.278 | 4.054 |
| 180.371 | 1.000 | 14.736 | | | | | | |
| 1/6/2017 3:14:45 PM | 147600.000 | 146.548 | 21.340 | 334.028 | 5545.551 | 5962.350 | 3.279 | 4.054 |
| 180.325 | 1.000 | 14.739 | | | | | | |
| 1/6/2017 3:29:45 PM | 148500.000 | 146.515 | 21.327 | 333.952 | 5543.320 | 5961.540 | 3.278 | 4.054 |
| 180.397 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 3:44:45 PM | 149400.000 | 146.510 | 21.329 | 333.940 | 5544.271 | 5962.338 | 3.279 | 4.054 |
| 180.366 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 3:59:45 PM | 150300.000 | 146.510 | 21.329 | 333.941 | 5543.867 | 5961.935 | 3.278 | 4.054 |
| 180.380 | 1.000 | 14.745 | | | | | | |
| 1/6/2017 4:14:45 PM | 151200.000 | 146.513 | 21.331 | 333.948 | 5544.136 | 5961.914 | 3.278 | 4.054 |
| 180.371 | 1.000 | 14.741 | | | | | | |
| 1/6/2017 4:29:45 PM | 152100.000 | 146.514 | 21.335 | 333.951 | 5544.509 | 5961.811 | 3.278 | 4.054 |
| 180.359 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 4:44:45 PM | 153000.000 | 146.546 | 21.341 | 334.025 | 5544.581 | 5961.191 | 3.278 | 4.054 |
| 180.356 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 4:59:45 PM | 153900.000 | 146.504 | 21.332 | 333.927 | 5543.464 | 5961.063 | 3.278 | 4.054 |
| 180.393 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 5:14:45 PM | 154800.000 | 146.519 | 21.326 | 333.962 | 5542.641 | 5960.938 | 3.278 | 4.053 |
| 180.419 | 1.000 | 14.738 | | | | | | |
| 1/6/2017 5:29:45 PM | 155700.000 | 146.504 | 21.319 | 333.929 | 5541.250 | 5960.322 | 3.277 | 4.053 |
| 180.465 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 5:44:45 PM | 156600.000 | 146.505 | 21.320 | 333.929 | 5541.458 | 5960.417 | 3.277 | 4.053 |
| 180.458 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 5:59:45 PM | 157500.000 | 146.509 | 21.323 | 333.939 | 5542.285 | 5960.975 | 3.278 | 4.053 |
| 180.431 | 1.000 | 14.742 | | | | | | |
| 1/6/2017 6:14:45 PM | 158400.000 | 146.509 | 21.335 | 333.939 | 5543.699 | 5960.917 | 3.278 | 4.053 |
| 180.385 | 1.000 | 14.747 | | | | | | |
| 1/6/2017 6:29:45 PM | 159300.000 | 146.494 | 21.338 | 333.905 | 5544.147 | 5961.131 | 3.278 | 4.054 |
| 180.370 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 6:44:45 PM | 160200.000 | 146.498 | 21.342 | 333.913 | 5544.595 | 5961.086 | 3.278 | 4.054 |
| 180.356 | 1.000 | 14.751 | | | | | | |
| 1/6/2017 6:59:45 PM | 161100.000 | 146.495 | 21.345 | 333.907 | 5544.910 | 5961.049 | 3.278 | 4.054 |
| 180.346 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 7:14:45 PM | 162000.000 | 146.493 | 21.339 | 333.904 | 5543.829 | 5960.670 | 3.278 | 4.053 |
| 180.381 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 7:29:45 PM | 162900.000 | 146.498 | 21.342 | 333.913 | 5545.026 | 5961.604 | 3.278 | 4.054 |
| 180.342 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 7:44:45 PM | 163800.000 | 146.538 | 21.339 | 334.006 | 5544.146 | 5960.990 | 3.278 | 4.053 |
| 180.370 | 1.000 | 14.753 | | | | | | |
| 1/6/2017 7:59:45 PM | 164700.000 | 146.498 | 21.340 | 333.915 | 5544.251 | 5960.899 | 3.278 | 4.053 |
| 180.367 | 1.000 | 14.756 | | | | | | |
| 1/6/2017 8:14:45 PM | 165600.000 | 146.543 | 21.332 | 334.018 | 5543.300 | 5960.854 | 3.278 | 4.053 |
| 180.398 | 1.000 | 14.750 | | | | | | |
| 1/6/2017 8:29:45 PM | 166500.000 | 146.505 | 21.327 | 333.929 | 5542.906 | 5961.115 | 3.278 | 4.054 |
| 180.411 | 1.000 | 14.754 | | | | | | |
| 1/6/2017 8:44:45 PM | 167400.000 | 146.508 | 21.323 | 333.938 | 5543.119 | 5961.839 | 3.278 | 4.054 |
| 180.404 | 1.000 | 14.750 | | | | | | |
| 1/6/2017 8:59:45 PM | 168300.000 | 146.509 | 21.325 | 333.938 | 5542.655 | 5961.125 | 3.278 | 4.054 |
| 180.419 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 9:14:45 PM | 169200.000 | 146.509 | 21.328 | 333.940 | 5543.256 | 5961.397 | 3.278 | 4.054 |
| 180.399 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 9:29:45 PM | 170100.000 | 146.512 | 21.329 | 333.946 | 5543.763 | 5961.813 | 3.278 | 4.054 |
| 180.383 | 1.000 | 14.743 | | | | | | |
| 1/6/2017 9:44:45 PM | 171000.000 | 146.508 | 21.327 | 333.937 | 5543.475 | 5961.696 | 3.278 | 4.054 |
| 180.392 | 1.000 | 14.746 | | | | | | |
| 1/6/2017 9:59:45 PM | 171900.000 | 146.511 | 21.328 | 333.944 | 5543.716 | 5961.848 | 3.278 | 4.054 |
| 180.384 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 10:14:45 PM | 172800.000 | 146.508 | 21.325 | 333.938 | 5543.865 | 5962.363 | 3.279 | 4.054 |
| 180.380 | 1.000 | 14.747 | | | | | | |
| 1/6/2017 10:29:45 PM | 173700.000 | 146.506 | 21.326 | 333.933 | 5544.012 | 5962.455 | 3.279 | 4.054 |
| 180.375 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 10:44:45 PM | 174600.000 | 146.513 | 21.323 | 333.948 | 5543.666 | 5962.460 | 3.279 | 4.054 |
| 180.386 | 1.000 | 14.756 | | | | | | |
| 1/6/2017 10:59:45 PM | 175500.000 | 146.502 | 21.323 | 333.923 | 5543.171 | 5961.874 | 3.278 | 4.054 |
| 180.402 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 11:14:45 PM | 176400.000 | 146.510 | 21.324 | 333.942 | 5544.708 | 5963.355 | 3.279 | 4.055 |
| 180.352 | 1.000 | 14.759 | | | | | | |
| 1/6/2017 11:29:45 PM | 177300.000 | 146.551 | 21.320 | 334.035 | 5544.053 | 5963.133 | 3.279 | 4.055 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 180.373 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 11:44:45 PM | 178200.000 | 146.517 | 21.319 | 333.958 | 5542.936 | 5962.093 | 3.278 | 4.054 |
| 180.410 | 1.000 | 14.750 | | | | | | |
| 1/6/2017 11:59:45 PM | 179100.000 | 146.545 | 21.321 | 334.020 | 5543.179 | 5962.162 | 3.278 | 4.054 |
| 180.402 | 1.000 | 14.752 | | | | | | |
| 1/7/2017 12:14:45 AM | 180000.000 | 146.517 | 21.325 | 333.958 | 5543.967 | 5962.526 | 3.279 | 4.055 |
| 180.376 | 1.000 | 14.739 | | | | | | |
| 1/7/2017 12:29:45 AM | 180900.000 | 146.521 | 21.324 | 333.966 | 5543.033 | 5961.553 | 3.278 | 4.054 |
| 180.407 | 1.000 | 14.736 | | | | | | |
| 1/7/2017 12:44:45 AM | 181800.000 | 146.519 | 21.320 | 333.963 | 5543.130 | 5962.237 | 3.278 | 4.054 |
| 180.403 | 1.000 | 14.732 | | | | | | |
| 1/7/2017 12:59:45 AM | 182700.000 | 146.518 | 21.330 | 333.960 | 5544.039 | 5962.013 | 3.278 | 4.054 |
| 180.374 | 1.000 | 14.725 | | | | | | |
| 1/7/2017 1:14:45 AM | 183600.000 | 146.520 | 21.335 | 333.964 | 5544.478 | 5961.830 | 3.278 | 4.054 |
| 180.360 | 1.000 | 14.718 | | | | | | |
| 1/7/2017 1:29:45 AM | 184500.000 | 146.512 | 21.337 | 333.946 | 5546.478 | 5963.680 | 3.279 | 4.055 |
| 180.295 | 1.000 | 14.716 | | | | | | |
| 1/7/2017 1:44:45 AM | 185400.000 | 146.505 | 21.342 | 333.931 | 5546.633 | 5963.299 | 3.279 | 4.055 |
| 180.290 | 1.000 | 14.717 | | | | | | |
| 1/7/2017 1:59:45 AM | 186300.000 | 146.513 | 21.340 | 333.948 | 5546.652 | 5963.577 | 3.279 | 4.055 |
| 180.289 | 1.000 | 14.715 | | | | | | |
| 1/7/2017 2:14:45 AM | 187200.000 | 146.555 | 21.345 | 334.044 | 5545.866 | 5962.088 | 3.278 | 4.054 |
| 180.314 | 1.000 | 14.715 | | | | | | |
| 1/7/2017 2:29:45 AM | 188100.000 | 146.511 | 21.350 | 333.944 | 5546.795 | 5962.498 | 3.279 | 4.054 |
| 180.284 | 1.000 | 14.714 | | | | | | |
| 1/7/2017 2:44:45 AM | 189000.000 | 146.512 | 21.347 | 333.946 | 5546.889 | 5962.910 | 3.279 | 4.055 |
| 180.281 | 1.000 | 14.713 | | | | | | |
| 1/7/2017 2:59:45 AM | 189900.000 | 146.553 | 21.344 | 334.040 | 5546.372 | 5962.696 | 3.279 | 4.055 |
| 180.298 | 1.000 | 14.709 | | | | | | |
| 1/7/2017 3:14:45 AM | 190800.000 | 146.527 | 21.343 | 333.981 | 5546.351 | 5962.856 | 3.279 | 4.055 |
| 180.299 | 1.000 | 14.708 | | | | | | |
| 1/7/2017 3:29:45 AM | 191700.000 | 146.543 | 21.339 | 334.016 | 5545.847 | 5962.743 | 3.279 | 4.055 |
| 180.315 | 1.000 | 14.700 | | | | | | |
| 1/7/2017 3:44:45 AM | 192600.000 | 146.534 | 21.343 | 333.996 | 5546.916 | 5963.475 | 3.279 | 4.055 |
| 180.280 | 1.000 | 14.699 | | | | | | |
| 1/7/2017 3:59:45 AM | 193500.000 | 146.528 | 21.345 | 333.982 | 5546.585 | 5962.840 | 3.279 | 4.055 |
| 180.291 | 1.000 | 14.697 | | | | | | |
| 1/7/2017 4:14:45 AM | 194400.000 | 146.566 | 21.345 | 334.069 | 5546.968 | 5963.251 | 3.279 | 4.055 |
| 180.279 | 1.000 | 14.697 | | | | | | |
| 1/7/2017 4:29:45 AM | 195300.000 | 146.540 | 21.344 | 334.009 | 5547.874 | 5964.408 | 3.280 | 4.056 |
| 180.249 | 1.000 | 14.694 | | | | | | |
| 1/7/2017 4:44:45 AM | 196200.000 | 146.618 | 21.342 | 334.187 | 5546.284 | 5962.891 | 3.279 | 4.055 |
| 180.301 | 1.000 | 14.692 | | | | | | |
| 1/7/2017 4:59:45 AM | 197100.000 | 146.536 | 21.344 | 334.000 | 5547.467 | 5963.874 | 3.279 | 4.055 |
| 180.262 | 1.000 | 14.692 | | | | | | |
| 1/7/2017 5:14:45 AM | 198000.000 | 146.586 | 21.344 | 334.115 | 5546.147 | 5962.477 | 3.279 | 4.054 |
| 180.305 | 1.000 | 14.689 | | | | | | |
| 1/7/2017 5:29:45 AM | 198900.000 | 146.545 | 21.342 | 334.022 | 5545.857 | 5962.498 | 3.279 | 4.054 |
| 180.315 | 1.000 | 14.697 | | | | | | |
| 1/7/2017 5:44:45 AM | 199800.000 | 146.589 | 21.343 | 334.122 | 5547.017 | 5963.508 | 3.279 | 4.055 |
| 180.277 | 1.000 | 14.698 | | | | | | |
| 1/7/2017 5:59:45 AM | 200700.000 | 146.557 | 21.347 | 334.049 | 5546.817 | 5962.864 | 3.279 | 4.055 |
| 180.284 | 1.000 | 14.700 | | | | | | |
| 1/7/2017 6:14:45 AM | 201600.000 | 146.545 | 21.347 | 334.021 | 5547.207 | 5963.251 | 3.279 | 4.055 |
| 180.271 | 1.000 | 14.698 | | | | | | |
| 1/7/2017 6:29:45 AM | 202500.000 | 146.601 | 21.343 | 334.148 | 5547.019 | 5963.542 | 3.279 | 4.055 |
| 180.277 | 1.000 | 14.695 | | | | | | |
| 1/7/2017 6:44:45 AM | 203400.000 | 146.568 | 21.345 | 334.074 | 5548.087 | 5964.486 | 3.280 | 4.056 |
| 180.242 | 1.000 | 14.695 | | | | | | |
| 1/7/2017 6:59:45 AM | 204300.000 | 146.569 | 21.338 | 334.077 | 5545.590 | 5962.683 | 3.279 | 4.055 |
| 180.323 | 1.000 | 14.697 | | | | | | |
| 1/7/2017 7:14:45 AM | 205200.000 | 146.611 | 21.339 | 334.172 | 5545.800 | 5962.790 | 3.279 | 4.055 |
| 180.317 | 1.000 | 14.699 | | | | | | |
| 1/7/2017 7:29:45 AM | 206100.000 | 146.613 | 21.338 | 334.176 | 5545.924 | 5962.999 | 3.279 | 4.055 |
| 180.313 | 1.000 | 14.702 | | | | | | |
| 1/7/2017 7:44:45 AM | 207000.000 | 146.579 | 21.344 | 334.098 | 5545.949 | 5962.350 | 3.279 | 4.054 |
| 180.312 | 1.000 | 14.701 | | | | | | |
| 1/7/2017 7:59:45 AM | 207900.000 | 146.584 | 21.341 | 334.109 | 5546.539 | 5963.285 | 3.279 | 4.055 |
| 180.293 | 1.000 | 14.700 | | | | | | |
| 1/7/2017 8:14:45 AM | 208800.000 | 146.573 | 21.340 | 334.084 | 5547.371 | 5964.253 | 3.280 | 4.056 |
| 180.266 | 1.000 | 14.714 | | | | | | |
| 1/7/2017 8:29:45 AM | 209700.000 | 146.578 | 21.344 | 334.097 | 5547.550 | 5964.050 | 3.280 | 4.056 |
| 180.260 | 1.000 | 14.712 | | | | | | |
| 1/7/2017 8:44:45 AM | 210600.000 | 146.616 | 21.341 | 334.183 | 5546.916 | 5963.723 | 3.279 | 4.055 |
| 180.280 | 1.000 | 14.716 | | | | | | |
| 1/7/2017 8:59:45 AM | 211500.000 | 146.622 | 21.342 | 334.197 | 5547.369 | 5964.058 | 3.280 | 4.056 |
| 180.266 | 1.000 | 14.719 | | | | | | |
| 1/7/2017 9:14:45 AM | 212400.000 | 146.601 | 21.344 | 334.150 | 5548.132 | 5964.610 | 3.280 | 4.056 |
| 180.241 | 1.000 | 14.718 | | | | | | |
| 1/7/2017 9:29:45 AM | 213300.000 | 146.589 | 21.338 | 334.120 | 5547.256 | 5964.443 | 3.280 | 4.056 |
| 180.269 | 1.000 | 14.728 | | | | | | |
| 1/7/2017 9:44:45 AM | 214200.000 | 146.627 | 21.330 | 334.207 | 5545.794 | 5963.857 | 3.279 | 4.055 |
| 180.317 | 1.000 | 14.726 | | | | | | |
| 1/7/2017 9:59:45 AM | 215100.000 | 146.624 | 21.340 | 334.201 | 5547.942 | 5964.976 | 3.280 | 4.056 |
| 180.247 | 1.000 | 14.731 | | | | | | |
| 1/7/2017 10:14:45 AM | 216000.000 | 146.586 | 21.347 | 334.115 | 5547.170 | 5963.244 | 3.279 | 4.055 |
| 180.272 | 1.000 | 14.742 | | | | | | |
| 1/7/2017 10:29:45 AM | 216900.000 | 146.587 | 21.341 | 334.117 | 5548.725 | 5965.602 | 3.280 | 4.057 |
| 180.222 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 10:44:45 AM | 217800.000 | 146.594 | 21.341 | 334.134 | 5548.607 | 5965.465 | 3.280 | 4.057 |
| 180.225 | 1.000 | 14.732 | | | | | | |
| 1/7/2017 10:59:45 AM | 218700.000 | 146.585 | 21.344 | 334.113 | 5549.258 | 5965.800 | 3.281 | 4.057 |
| 180.204 | 1.000 | 14.737 | | | | | | |
| 1/7/2017 11:14:45 AM | 219600.000 | 146.594 | 21.337 | 334.133 | 5548.810 | 5966.188 | 3.281 | 4.057 |
| 180.219 | 1.000 | 14.730 | | | | | | |
| 1/7/2017 11:29:45 AM | 220500.000 | 146.590 | 21.341 | 334.123 | 5548.514 | 5965.429 | 3.280 | 4.056 |
| 180.228 | 1.000 | 14.732 | | | | | | |
| 1/7/2017 11:44:45 AM | 221400.000 | 146.634 | 21.327 | 334.225 | 5547.303 | 5965.834 | 3.281 | 4.057 |
| 180.268 | 1.000 | 14.727 | | | | | | |
| 1/7/2017 11:59:45 AM | 222300.000 | 146.604 | 21.322 | 334.155 | 5547.206 | 5966.289 | 3.281 | 4.057 |
| 180.271 | 1.000 | 14.721 | | | | | | |
| 1/7/2017 12:14:45 PM | 223200.000 | 146.603 | 21.320 | 334.152 | 5545.507 | 5964.794 | 3.280 | 4.056 |
| 180.326 | 1.000 | 14.720 | | | | | | |
| 1/7/2017 12:29:45 PM | 224100.000 | 146.596 | 21.321 | 334.137 | 5546.273 | 5965.489 | 3.280 | 4.057 |
| 180.301 | 1.000 | 14.723 | | | | | | |
| 1/7/2017 12:44:45 PM | 225000.000 | 146.637 | 21.319 | 334.231 | 5546.322 | 5965.799 | 3.281 | 4.057 |
| 180.300 | 1.000 | 14.716 | | | | | | |
| 1/7/2017 12:59:45 PM | 225900.000 | 146.585 | 21.327 | 334.113 | 5548.315 | 5966.966 | 3.281 | 4.058 |
| 180.235 | 1.000 | 14.720 | | | | | | |
| 1/7/2017 1:14:45 PM | 226800.000 | 146.604 | 21.322 | 334.155 | 5547.304 | 5966.394 | 3.281 | 4.057 |
| 180.268 | 1.000 | 14.717 | | | | | | |
| 1/7/2017 1:29:45 PM | 227700.000 | 146.597 | 21.337 | 334.140 | 5548.240 | 5965.606 | 3.280 | 4.057 |
| 180.237 | 1.000 | 14.717 | | | | | | |
| 1/7/2017 1:44:45 PM | 228600.000 | 146.593 | 21.343 | 334.130 | 5549.333 | 5966.083 | 3.281 | 4.057 |
| 180.202 | 1.000 | 14.714 | | | | | | |
| 1/7/2017 1:59:45 PM | 229500.000 | 146.621 | 21.334 | 334.195 | 5549.306 | 5967.074 | 3.281 | 4.058 |
| 180.203 | 1.000 | 14.722 | | | | | | |
| 1/7/2017 2:14:45 PM | 230400.000 | 146.625 | 21.330 | 334.203 | 5548.132 | 5966.318 | 3.281 | 4.057 |
| 180.241 | 1.000 | 14.721 | | | | | | |
| 1/7/2017 2:29:45 PM | 231300.000 | 146.595 | 21.328 | 334.135 | 5548.136 | 5966.569 | 3.281 | 4.057 |
| 180.241 | 1.000 | 14.715 | | | | | | |
| 1/7/2017 2:44:45 PM | 232200.000 | 146.587 | 21.332 | 334.118 | 5548.752 | 5966.749 | 3.281 | 4.057 |
| 180.221 | 1.000 | 14.724 | | | | | | |
| 1/7/2017 2:59:45 PM | 233100.000 | 146.590 | 21.334 | 334.123 | 5548.536 | 5966.334 | 3.281 | 4.057 |
| 180.228 | 1.000 | 14.718 | | | | | | |
| 1/7/2017 3:14:45 PM | 234000.000 | 146.620 | 21.332 | 334.191 | 5548.671 | 5966.693 | 3.281 | 4.057 |
| 180.223 | 1.000 | 14.732 | | | | | | |
| 1/7/2017 3:29:45 PM | 234900.000 | 146.619 | 21.330 | 334.189 | 5548.591 | 5966.865 | 3.281 | 4.057 |
| 180.226 | 1.000 | 14.728 | | | | | | |
| 1/7/2017 3:44:45 PM | 235800.000 | 146.579 | 21.339 | 334.100 | 5548.871 | 5966.049 | 3.281 | 4.057 |
| 180.217 | 1.000 | 14.731 | | | | | | |
| 1/7/2017 3:59:45 PM | 236700.000 | 146.571 | 21.342 | 334.082 | 5548.873 | 5965.740 | 3.281 | 4.057 |
| 180.217 | 1.000 | 14.735 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 4:14:45 PM | 237600.000 | 146.610 | 21.341 | 334.169 | 5549.867 | 5966.884 | 3.281 | 4.057 |
| 180.185 | 1.000 | 14.736 | | | | | | |
| 1/7/2017 4:29:45 PM | 238500.000 | 146.615 | 21.346 | 334.182 | 5550.634 | 5967.140 | 3.281 | 4.058 |
| 180.160 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 4:44:45 PM | 239400.000 | 146.607 | 21.343 | 334.163 | 5550.460 | 5967.221 | 3.281 | 4.058 |
| 180.165 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 4:59:45 PM | 240300.000 | 146.612 | 21.343 | 334.174 | 5550.098 | 5966.896 | 3.281 | 4.057 |
| 180.177 | 1.000 | 14.731 | | | | | | |
| 1/7/2017 5:14:45 PM | 241200.000 | 146.567 | 21.343 | 334.070 | 5551.088 | 5967.960 | 3.282 | 4.058 |
| 180.145 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 5:29:45 PM | 242100.000 | 146.596 | 21.343 | 334.137 | 5550.175 | 5966.958 | 3.281 | 4.058 |
| 180.174 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 5:44:45 PM | 243000.000 | 146.567 | 21.335 | 334.072 | 5549.083 | 5966.781 | 3.281 | 4.057 |
| 180.210 | 1.000 | 14.734 | | | | | | |
| 1/7/2017 5:59:45 PM | 243900.000 | 146.571 | 21.331 | 334.081 | 5548.688 | 5966.882 | 3.281 | 4.057 |
| 180.223 | 1.000 | 14.734 | | | | | | |
| 1/7/2017 6:14:45 PM | 244800.000 | 146.572 | 21.328 | 334.083 | 5549.562 | 5968.125 | 3.282 | 4.058 |
| 180.194 | 1.000 | 14.728 | | | | | | |
| 1/7/2017 6:29:45 PM | 245700.000 | 146.612 | 21.329 | 334.174 | 5549.689 | 5968.152 | 3.282 | 4.058 |
| 180.190 | 1.000 | 14.735 | | | | | | |
| 1/7/2017 6:44:45 PM | 246600.000 | 146.555 | 21.331 | 334.044 | 5551.224 | 5969.536 | 3.283 | 4.059 |
| 180.140 | 1.000 | 14.743 | | | | | | |
| 1/7/2017 6:59:45 PM | 247500.000 | 146.606 | 21.341 | 334.160 | 5551.477 | 5968.583 | 3.282 | 4.059 |
| 180.132 | 1.000 | 14.743 | | | | | | |
| 1/7/2017 7:14:45 PM | 248400.000 | 146.608 | 21.337 | 334.166 | 5551.179 | 5968.777 | 3.282 | 4.059 |
| 180.142 | 1.000 | 14.741 | | | | | | |
| 1/7/2017 7:29:45 PM | 249300.000 | 146.557 | 21.334 | 334.049 | 5550.197 | 5968.097 | 3.282 | 4.058 |
| 180.174 | 1.000 | 14.750 | | | | | | |
| 1/7/2017 7:44:45 PM | 250200.000 | 146.570 | 21.332 | 334.079 | 5550.851 | 5969.005 | 3.282 | 4.059 |
| 180.153 | 1.000 | 14.753 | | | | | | |
| 1/7/2017 7:59:45 PM | 251100.000 | 146.563 | 21.338 | 334.063 | 5550.318 | 5967.767 | 3.282 | 4.058 |
| 180.170 | 1.000 | 14.760 | | | | | | |
| 1/7/2017 8:14:45 PM | 252000.000 | 146.562 | 21.339 | 334.061 | 5550.750 | 5968.112 | 3.282 | 4.058 |
| 180.156 | 1.000 | 14.756 | | | | | | |
| 1/7/2017 8:29:45 PM | 252900.000 | 146.566 | 21.340 | 334.068 | 5551.077 | 5968.259 | 3.282 | 4.058 |
| 180.145 | 1.000 | 14.756 | | | | | | |
| 1/7/2017 8:44:45 PM | 253800.000 | 146.604 | 21.329 | 334.156 | 5549.738 | 5968.227 | 3.282 | 4.058 |
| 180.189 | 1.000 | 14.763 | | | | | | |
| 1/7/2017 8:59:45 PM | 254700.000 | 146.570 | 21.325 | 334.078 | 5549.661 | 5968.671 | 3.282 | 4.059 |
| 180.191 | 1.000 | 14.762 | | | | | | |
| 1/7/2017 9:14:45 PM | 255600.000 | 146.606 | 21.333 | 334.161 | 5550.980 | 5969.048 | 3.282 | 4.059 |
| 180.148 | 1.000 | 14.764 | | | | | | |
| 1/7/2017 9:29:45 PM | 256500.000 | 146.571 | 21.342 | 334.080 | 5551.940 | 5969.027 | 3.282 | 4.059 |
| 180.117 | 1.000 | 14.760 | | | | | | |
| 1/7/2017 9:44:45 PM | 257400.000 | 146.617 | 21.341 | 334.186 | 5551.087 | 5968.229 | 3.282 | 4.058 |
| 180.145 | 1.000 | 14.754 | | | | | | |
| 1/7/2017 9:59:45 PM | 258300.000 | 146.600 | 21.339 | 334.147 | 5551.430 | 5968.843 | 3.282 | 4.059 |
| 180.134 | 1.000 | 14.763 | | | | | | |
| 1/7/2017 10:14:45 PM | 259200.000 | 146.573 | 21.346 | 334.084 | 5551.861 | 5968.427 | 3.282 | 4.059 |
| 180.120 | 1.000 | 14.748 | | | | | | |
| 1/7/2017 10:29:45 PM | 260100.000 | 146.576 | 21.341 | 334.092 | 5551.151 | 5968.233 | 3.282 | 4.058 |
| 180.143 | 1.000 | 14.763 | | | | | | |
| 1/7/2017 10:44:45 PM | 261000.000 | 146.584 | 21.342 | 334.109 | 5551.543 | 5968.557 | 3.282 | 4.059 |
| 180.130 | 1.000 | 14.759 | | | | | | |
| 1/7/2017 10:59:45 PM | 261900.000 | 146.608 | 21.345 | 334.166 | 5551.922 | 5968.630 | 3.282 | 4.059 |
| 180.118 | 1.000 | 14.755 | | | | | | |
| 1/7/2017 11:14:45 PM | 262800.000 | 146.583 | 21.346 | 334.109 | 5551.541 | 5968.093 | 3.282 | 4.058 |
| 180.130 | 1.000 | 14.753 | | | | | | |
| 1/7/2017 11:29:45 PM | 263700.000 | 146.587 | 21.344 | 334.117 | 5551.986 | 5968.841 | 3.282 | 4.059 |
| 180.116 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 11:44:45 PM | 264600.000 | 146.586 | 21.345 | 334.114 | 5551.856 | 5968.528 | 3.282 | 4.059 |
| 180.120 | 1.000 | 14.746 | | | | | | |
| 1/7/2017 11:59:45 PM | 265500.000 | 146.586 | 21.344 | 334.114 | 5552.190 | 5969.039 | 3.282 | 4.059 |
| 180.109 | 1.000 | 14.747 | | | | | | |
| 1/8/2017 12:14:45 AM | 266400.000 | 146.621 | 21.343 | 334.195 | 5551.864 | 5968.795 | 3.282 | 4.059 |
| 180.120 | 1.000 | 14.753 | | | | | | |
| 1/8/2017 12:29:45 AM | 267300.000 | 146.631 | 21.347 | 334.218 | 5552.779 | 5969.307 | 3.283 | 4.059 |
| 180.090 | 1.000 | 14.756 | | | | | | |
| 1/8/2017 12:44:45 AM | 268200.000 | 146.598 | 21.347 | 334.143 | 5553.188 | 5969.724 | 3.283 | 4.059 |
| 180.077 | 1.000 | 14.744 | | | | | | |
| 1/8/2017 12:59:45 AM | 269100.000 | 146.605 | 21.343 | 334.159 | 5552.085 | 5968.989 | 3.282 | 4.059 |
| 180.113 | 1.000 | 14.750 | | | | | | |
| 1/8/2017 1:14:45 AM | 270000.000 | 146.603 | 21.342 | 334.153 | 5552.547 | 5969.592 | 3.283 | 4.059 |
| 180.098 | 1.000 | 14.751 | | | | | | |
| 1/8/2017 1:29:45 AM | 270900.000 | 146.653 | 21.343 | 334.268 | 5551.773 | 5968.718 | 3.282 | 4.059 |
| 180.123 | 1.000 | 14.735 | | | | | | |
| 1/8/2017 1:44:45 AM | 271800.000 | 146.615 | 21.330 | 334.180 | 5551.448 | 5969.926 | 3.283 | 4.060 |
| 180.133 | 1.000 | 14.742 | | | | | | |
| 1/8/2017 1:59:45 AM | 272700.000 | 146.625 | 21.332 | 334.203 | 5550.985 | 5969.234 | 3.283 | 4.059 |
| 180.148 | 1.000 | 14.733 | | | | | | |
| 1/8/2017 2:14:45 AM | 273600.000 | 146.624 | 21.329 | 334.201 | 5550.753 | 5969.329 | 3.283 | 4.059 |
| 180.156 | 1.000 | 14.733 | | | | | | |
| 1/8/2017 2:29:45 AM | 274500.000 | 146.630 | 21.331 | 334.215 | 5551.034 | 5969.385 | 3.283 | 4.059 |
| 180.147 | 1.000 | 14.732 | | | | | | |
| 1/8/2017 2:44:45 AM | 275400.000 | 146.665 | 21.342 | 334.294 | 5552.894 | 5970.063 | 3.283 | 4.060 |
| 180.086 | 1.000 | 14.718 | | | | | | |
| 1/8/2017 2:59:45 AM | 276300.000 | 146.657 | 21.340 | 334.276 | 5552.878 | 5970.250 | 3.283 | 4.060 |
| 180.087 | 1.000 | 14.723 | | | | | | |
| 1/8/2017 3:14:45 AM | 277200.000 | 146.623 | 21.345 | 334.200 | 5552.984 | 5969.708 | 3.283 | 4.059 |
| 180.083 | 1.000 | 14.713 | | | | | | |
| 1/8/2017 3:29:45 AM | 278100.000 | 146.647 | 21.349 | 334.253 | 5553.463 | 5969.795 | 3.283 | 4.059 |
| 180.068 | 1.000 | 14.720 | | | | | | |
| 1/8/2017 3:44:45 AM | 279000.000 | 146.628 | 21.343 | 334.211 | 5553.785 | 5970.806 | 3.284 | 4.060 |
| 180.057 | 1.000 | 14.709 | | | | | | |
| 1/8/2017 3:59:45 AM | 279900.000 | 146.666 | 21.345 | 334.297 | 5553.312 | 5970.050 | 3.283 | 4.060 |
| 180.073 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 4:14:45 AM | 280800.000 | 146.627 | 21.344 | 334.209 | 5553.270 | 5970.146 | 3.283 | 4.060 |
| 180.074 | 1.000 | 14.687 | | | | | | |
| 1/8/2017 4:29:45 AM | 281700.000 | 146.639 | 21.345 | 334.236 | 5553.808 | 5970.562 | 3.283 | 4.060 |
| 180.057 | 1.000 | 14.707 | | | | | | |
| 1/8/2017 4:44:45 AM | 282600.000 | 146.681 | 21.342 | 334.330 | 5554.841 | 5972.080 | 3.284 | 4.061 |
| 180.023 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 4:59:45 AM | 283500.000 | 146.631 | 21.345 | 334.216 | 5554.120 | 5970.940 | 3.284 | 4.060 |
| 180.047 | 1.000 | 14.714 | | | | | | |
| 1/8/2017 5:14:45 AM | 284400.000 | 146.676 | 21.343 | 334.321 | 5554.363 | 5971.450 | 3.284 | 4.061 |
| 180.039 | 1.000 | 14.693 | | | | | | |
| 1/8/2017 5:29:45 AM | 285300.000 | 146.677 | 21.350 | 334.322 | 5554.992 | 5971.319 | 3.284 | 4.060 |
| 180.018 | 1.000 | 14.701 | | | | | | |
| 1/8/2017 5:44:45 AM | 286200.000 | 146.682 | 21.346 | 334.334 | 5555.103 | 5971.900 | 3.284 | 4.061 |
| 180.015 | 1.000 | 14.696 | | | | | | |
| 1/8/2017 5:59:45 AM | 287100.000 | 146.641 | 21.343 | 334.239 | 5553.983 | 5971.009 | 3.284 | 4.060 |
| 180.051 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 6:14:45 AM | 288000.000 | 146.659 | 21.343 | 334.280 | 5554.670 | 5971.780 | 3.284 | 4.061 |
| 180.029 | 1.000 | 14.699 | | | | | | |
| 1/8/2017 6:29:45 AM | 288900.000 | 146.650 | 21.346 | 334.261 | 5554.872 | 5971.652 | 3.284 | 4.061 |
| 180.022 | 1.000 | 14.707 | | | | | | |
| 1/8/2017 6:44:45 AM | 289800.000 | 146.697 | 21.344 | 334.368 | 5554.498 | 5971.486 | 3.284 | 4.061 |
| 180.034 | 1.000 | 14.708 | | | | | | |
| 1/8/2017 6:59:45 AM | 290700.000 | 146.658 | 21.342 | 334.280 | 5554.891 | 5972.102 | 3.284 | 4.061 |
| 180.022 | 1.000 | 14.705 | | | | | | |
| 1/8/2017 7:14:45 AM | 291600.000 | 146.697 | 21.346 | 334.367 | 5555.054 | 5971.848 | 3.284 | 4.061 |
| 180.016 | 1.000 | 14.705 | | | | | | |
| 1/8/2017 7:29:45 AM | 292500.000 | 146.669 | 21.337 | 334.303 | 5553.731 | 5971.479 | 3.284 | 4.061 |
| 180.059 | 1.000 | 14.700 | | | | | | |
| 1/8/2017 7:44:45 AM | 293400.000 | 146.657 | 21.346 | 334.277 | 5555.198 | 5972.025 | 3.284 | 4.061 |
| 180.012 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 7:59:45 AM | 294300.000 | 146.675 | 21.347 | 334.318 | 5556.123 | 5972.879 | 3.285 | 4.062 |
| 179.982 | 1.000 | 14.700 | | | | | | |
| 1/8/2017 8:14:45 AM | 295200.000 | 146.674 | 21.348 | 334.316 | 5556.172 | 5972.823 | 3.285 | 4.062 |
| 179.980 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 8:29:45 AM | 296100.000 | 146.714 | 21.340 | 334.407 | 5556.230 | 5973.854 | 3.285 | 4.062 |
| 179.978 | 1.000 | 14.709 | | | | | | |
| 1/8/2017 8:44:45 AM | 297000.000 | 146.686 | 21.333 | 334.344 | 5554.194 | 5972.525 | 3.284 | 4.061 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 180.044 | 1.000 | 14.711 | | | | | | |
| 1/8/2017 8:59:45 AM | 297900.000 | 146.693 | 21.327 | 334.358 | 5554.206 | 5973.289 | 3.285 | 4.062 |
| 180.044 | 1.000 | 14.713 | | | | | | |
| 1/8/2017 9:14:45 AM | 298800.000 | 146.735 | 21.326 | 334.455 | 5552.739 | 5971.755 | 3.284 | 4.061 |
| 180.091 | 1.000 | 14.718 | | | | | | |
| 1/8/2017 9:29:45 AM | 299700.000 | 146.696 | 21.329 | 334.365 | 5554.397 | 5973.195 | 3.285 | 4.062 |
| 180.038 | 1.000 | 14.717 | | | | | | |
| 1/8/2017 9:44:45 AM | 300600.000 | 146.679 | 21.329 | 334.326 | 5555.591 | 5974.457 | 3.286 | 4.063 |
| 179.999 | 1.000 | 14.727 | | | | | | |
| 1/8/2017 9:59:45 AM | 301500.000 | 146.727 | 21.341 | 334.436 | 5556.935 | 5974.418 | 3.286 | 4.063 |
| 179.955 | 1.000 | 14.724 | | | | | | |
| 1/8/2017 10:14:45 AM | 302400.000 | 146.700 | 21.340 | 334.374 | 5556.514 | 5974.083 | 3.285 | 4.062 |
| 179.969 | 1.000 | 14.723 | | | | | | |
| 1/8/2017 10:29:45 AM | 303300.000 | 146.724 | 21.339 | 334.429 | 5556.590 | 5974.381 | 3.286 | 4.063 |
| 179.966 | 1.000 | 14.722 | | | | | | |
| 1/8/2017 10:44:45 AM | 304200.000 | 146.694 | 21.338 | 334.361 | 5556.633 | 5974.491 | 3.286 | 4.063 |
| 179.965 | 1.000 | 14.720 | | | | | | |
| 1/8/2017 10:59:45 AM | 305100.000 | 146.700 | 21.335 | 334.375 | 5556.348 | 5974.636 | 3.286 | 4.063 |
| 179.974 | 1.000 | 14.724 | | | | | | |
| 1/8/2017 11:14:45 AM | 306000.000 | 146.694 | 21.326 | 334.362 | 5555.655 | 5974.989 | 3.286 | 4.063 |
| 179.997 | 1.000 | 14.729 | | | | | | |
| 1/8/2017 11:29:45 AM | 306900.000 | 146.708 | 21.321 | 334.394 | 5555.189 | 5974.992 | 3.286 | 4.063 |
| 180.012 | 1.000 | 14.715 | | | | | | |
| 1/8/2017 11:44:45 AM | 307800.000 | 146.715 | 21.320 | 334.408 | 5556.621 | 5976.662 | 3.287 | 4.064 |
| 179.965 | 1.000 | 14.700 | | | | | | |
| 1/8/2017 11:59:45 AM | 308700.000 | 146.702 | 21.327 | 334.379 | 5555.348 | 5974.443 | 3.286 | 4.063 |
| 180.007 | 1.000 | 14.709 | | | | | | |
| 1/8/2017 12:14:45 PM | 309600.000 | 146.738 | 21.339 | 334.462 | 5557.819 | 5975.703 | 3.286 | 4.063 |
| 179.927 | 1.000 | 14.710 | | | | | | |
| 1/8/2017 12:29:45 PM | 310500.000 | 146.742 | 21.330 | 334.470 | 5556.329 | 5975.229 | 3.286 | 4.063 |
| 179.975 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 12:44:45 PM | 311400.000 | 146.710 | 21.324 | 334.397 | 5555.480 | 5974.940 | 3.286 | 4.063 |
| 180.002 | 1.000 | 14.697 | | | | | | |
| 1/8/2017 12:59:45 PM | 312300.000 | 146.742 | 21.325 | 334.470 | 5555.423 | 5974.857 | 3.286 | 4.063 |
| 180.004 | 1.000 | 14.701 | | | | | | |
| 1/8/2017 1:14:45 PM | 313200.000 | 146.713 | 21.320 | 334.405 | 5554.869 | 5974.886 | 3.286 | 4.063 |
| 180.022 | 1.000 | 14.691 | | | | | | |
| 1/8/2017 1:29:45 PM | 314100.000 | 146.718 | 21.319 | 334.416 | 5554.944 | 5974.999 | 3.286 | 4.063 |
| 180.020 | 1.000 | 14.688 | | | | | | |
| 1/8/2017 1:44:45 PM | 315000.000 | 146.717 | 21.322 | 334.413 | 5554.451 | 5974.145 | 3.285 | 4.062 |
| 180.036 | 1.000 | 14.688 | | | | | | |
| 1/8/2017 1:59:45 PM | 315900.000 | 146.750 | 21.324 | 334.487 | 5554.390 | 5973.767 | 3.285 | 4.062 |
| 180.038 | 1.000 | 14.683 | | | | | | |
| 1/8/2017 2:14:45 PM | 316800.000 | 146.702 | 21.330 | 334.379 | 5556.717 | 5975.572 | 3.286 | 4.063 |
| 179.962 | 1.000 | 14.676 | | | | | | |
| 1/8/2017 2:29:45 PM | 317700.000 | 146.689 | 21.335 | 334.349 | 5556.372 | 5974.597 | 3.286 | 4.063 |
| 179.974 | 1.000 | 14.685 | | | | | | |
| 1/8/2017 2:44:45 PM | 318600.000 | 146.692 | 21.335 | 334.355 | 5557.107 | 5975.431 | 3.286 | 4.063 |
| 179.950 | 1.000 | 14.694 | | | | | | |
| 1/8/2017 2:59:45 PM | 319500.000 | 146.736 | 21.334 | 334.456 | 5556.470 | 5974.821 | 3.286 | 4.063 |
| 179.970 | 1.000 | 14.685 | | | | | | |
| 1/8/2017 3:14:45 PM | 320400.000 | 146.689 | 21.337 | 334.349 | 5555.617 | 5973.527 | 3.285 | 4.062 |
| 179.998 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 3:29:45 PM | 321300.000 | 146.688 | 21.343 | 334.347 | 5556.660 | 5973.886 | 3.285 | 4.062 |
| 179.964 | 1.000 | 14.683 | | | | | | |
| 1/8/2017 3:44:45 PM | 322200.000 | 146.730 | 21.343 | 334.444 | 5556.836 | 5974.172 | 3.285 | 4.062 |
| 179.959 | 1.000 | 14.689 | | | | | | |
| 1/8/2017 3:59:45 PM | 323100.000 | 146.728 | 21.340 | 334.438 | 5557.194 | 5974.890 | 3.286 | 4.063 |
| 179.947 | 1.000 | 14.691 | | | | | | |
| 1/8/2017 4:14:45 PM | 324000.000 | 146.721 | 21.342 | 334.421 | 5557.181 | 5974.640 | 3.286 | 4.063 |
| 179.947 | 1.000 | 14.695 | | | | | | |
| 1/8/2017 4:29:45 PM | 324900.000 | 146.724 | 21.343 | 334.429 | 5557.767 | 5975.097 | 3.286 | 4.063 |
| 179.928 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 4:44:45 PM | 325800.000 | 146.719 | 21.340 | 334.418 | 5558.222 | 5975.941 | 3.287 | 4.064 |
| 179.914 | 1.000 | 14.684 | | | | | | |
| 1/8/2017 4:59:45 PM | 326700.000 | 146.680 | 21.326 | 334.328 | 5555.671 | 5974.930 | 3.286 | 4.063 |
| 179.996 | 1.000 | 14.687 | | | | | | |
| 1/8/2017 5:14:45 PM | 327600.000 | 146.674 | 21.335 | 334.314 | 5556.672 | 5974.985 | 3.286 | 4.063 |
| 179.964 | 1.000 | 14.689 | | | | | | |
| 1/8/2017 5:29:45 PM | 328500.000 | 146.708 | 21.343 | 334.393 | 5556.960 | 5974.231 | 3.286 | 4.062 |
| 179.954 | 1.000 | 14.693 | | | | | | |
| 1/8/2017 5:44:45 PM | 329400.000 | 146.673 | 21.346 | 334.313 | 5558.175 | 5975.193 | 3.286 | 4.063 |
| 179.915 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 5:59:45 PM | 330300.000 | 146.711 | 21.342 | 334.401 | 5558.018 | 5975.507 | 3.286 | 4.063 |
| 179.920 | 1.000 | 14.689 | | | | | | |
| 1/8/2017 6:14:45 PM | 331200.000 | 146.666 | 21.343 | 334.298 | 5558.463 | 5975.815 | 3.286 | 4.064 |
| 179.906 | 1.000 | 14.687 | | | | | | |
| 1/8/2017 6:29:45 PM | 332100.000 | 146.700 | 21.345 | 334.375 | 5558.086 | 5975.161 | 3.286 | 4.063 |
| 179.918 | 1.000 | 14.696 | | | | | | |
| 1/8/2017 6:44:45 PM | 333000.000 | 146.704 | 21.345 | 334.385 | 5558.630 | 5975.842 | 3.286 | 4.064 |
| 179.900 | 1.000 | 14.703 | | | | | | |
| 1/8/2017 6:59:45 PM | 333900.000 | 146.655 | 21.331 | 334.272 | 5556.291 | 5975.037 | 3.286 | 4.063 |
| 179.976 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 7:14:45 PM | 334800.000 | 146.658 | 21.331 | 334.279 | 5556.034 | 5974.675 | 3.286 | 4.063 |
| 179.984 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 7:29:45 PM | 335700.000 | 146.668 | 21.329 | 334.301 | 5557.040 | 5976.037 | 3.287 | 4.064 |
| 179.952 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 7:44:45 PM | 336600.000 | 146.687 | 21.330 | 334.345 | 5555.846 | 5974.592 | 3.286 | 4.063 |
| 179.991 | 1.000 | 14.711 | | | | | | |
| 1/8/2017 7:59:45 PM | 337500.000 | 146.669 | 21.328 | 334.304 | 5556.757 | 5975.884 | 3.286 | 4.064 |
| 179.961 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 8:14:45 PM | 338400.000 | 146.669 | 21.322 | 334.305 | 5555.643 | 5975.427 | 3.286 | 4.063 |
| 179.997 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 8:29:45 PM | 339300.000 | 146.670 | 21.320 | 334.306 | 5555.234 | 5975.278 | 3.286 | 4.063 |
| 180.010 | 1.000 | 14.703 | | | | | | |
| 1/8/2017 8:44:45 PM | 340200.000 | 146.678 | 21.319 | 334.324 | 5554.532 | 5974.534 | 3.286 | 4.063 |
| 180.033 | 1.000 | 14.706 | | | | | | |
| 1/8/2017 8:59:45 PM | 341100.000 | 146.674 | 21.321 | 334.315 | 5556.186 | 5976.064 | 3.287 | 4.064 |
| 179.980 | 1.000 | 14.709 | | | | | | |
| 1/8/2017 9:14:45 PM | 342000.000 | 146.671 | 21.329 | 334.308 | 5555.835 | 5974.817 | 3.286 | 4.063 |
| 179.991 | 1.000 | 14.715 | | | | | | |
| 1/8/2017 9:29:45 PM | 342900.000 | 146.665 | 21.323 | 334.296 | 5554.676 | 5974.313 | 3.286 | 4.063 |
| 180.028 | 1.000 | 14.714 | | | | | | |
| 1/8/2017 9:44:45 PM | 343800.000 | 146.672 | 21.322 | 334.310 | 5555.176 | 5974.903 | 3.286 | 4.063 |
| 180.012 | 1.000 | 14.718 | | | | | | |
| 1/8/2017 9:59:45 PM | 344700.000 | 146.666 | 21.324 | 334.298 | 5555.780 | 5975.284 | 3.286 | 4.063 |
| 179.993 | 1.000 | 14.717 | | | | | | |
| 1/8/2017 10:14:45 PM | 345600.000 | 146.677 | 21.326 | 334.322 | 5554.719 | 5973.884 | 3.285 | 4.062 |
| 180.027 | 1.000 | 14.717 | | | | | | |
| 1/8/2017 10:29:45 PM | 346500.000 | 146.671 | 21.324 | 334.309 | 5555.579 | 5975.046 | 3.286 | 4.063 |
| 179.999 | 1.000 | 14.722 | | | | | | |
| 1/8/2017 10:44:45 PM | 347400.000 | 146.670 | 21.329 | 334.305 | 5554.965 | 5973.859 | 3.285 | 4.062 |
| 180.019 | 1.000 | 14.716 | | | | | | |
| 1/8/2017 10:59:45 PM | 348300.000 | 146.665 | 21.334 | 334.294 | 5556.032 | 5974.371 | 3.286 | 4.063 |
| 179.985 | 1.000 | 14.719 | | | | | | |
| 1/8/2017 11:14:45 PM | 349200.000 | 146.675 | 21.332 | 334.319 | 5556.481 | 5975.060 | 3.286 | 4.063 |
| 179.970 | 1.000 | 14.719 | | | | | | |
| 1/8/2017 11:29:45 PM | 350100.000 | 146.667 | 21.334 | 334.298 | 5556.328 | 5974.712 | 3.286 | 4.063 |
| 179.975 | 1.000 | 14.725 | | | | | | |
| 1/8/2017 11:44:45 PM | 351000.000 | 146.673 | 21.331 | 334.312 | 5556.492 | 5975.200 | 3.286 | 4.063 |
| 179.970 | 1.000 | 14.728 | | | | | | |
| 1/8/2017 11:59:45 PM | 351900.000 | 146.671 | 21.342 | 334.310 | 5557.826 | 5975.279 | 3.286 | 4.063 |
| 179.926 | 1.000 | 14.733 | | | | | | |
| 1/9/2017 12:14:45 AM | 352800.000 | 146.715 | 21.345 | 334.408 | 5558.283 | 5975.437 | 3.286 | 4.063 |
| 179.912 | 1.000 | 14.728 | | | | | | |
| 1/9/2017 12:29:45 AM | 353700.000 | 146.709 | 21.339 | 334.395 | 5557.778 | 5975.615 | 3.286 | 4.063 |
| 179.928 | 1.000 | 14.727 | | | | | | |
| 1/9/2017 12:44:45 AM | 354600.000 | 146.693 | 21.332 | 334.360 | 5556.790 | 5975.445 | 3.286 | 4.063 |
| 179.960 | 1.000 | 14.720 | | | | | | |
| 1/9/2017 12:59:45 AM | 355500.000 | 146.682 | 21.328 | 334.333 | 5556.250 | 5975.317 | 3.286 | 4.063 |
| 179.977 | 1.000 | 14.721 | | | | | | |
| 1/9/2017 1:14:45 AM | 356400.000 | 146.682 | 21.324 | 334.333 | 5556.373 | 5975.964 | 3.287 | 4.064 |
| 179.974 | 1.000 | 14.721 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/9/2017 1:29:45 AM | 357300.000 | 146.687 | 21.327 | 334.344 | 5556.535 | 5975.794 | 3.286 | 4.064 |
| 179.968 | 1.000 | 14.722 | | | | | | |
| 1/9/2017 1:44:45 AM | 358200.000 | 146.693 | 21.338 | 334.358 | 5558.493 | 5976.459 | 3.287 | 4.064 |
| 179.905 | 1.000 | 14.710 | | | | | | |
| 1/9/2017 1:59:45 AM | 359100.000 | 146.677 | 21.344 | 334.323 | 5559.108 | 5976.400 | 3.287 | 4.064 |
| 179.885 | 1.000 | 14.722 | | | | | | |
| 1/9/2017 2:14:45 AM | 360000.000 | 146.728 | 21.344 | 334.438 | 5559.111 | 5976.457 | 3.287 | 4.064 |
| 179.885 | 1.000 | 14.723 | | | | | | |
| 1/9/2017 2:29:45 AM | 360900.000 | 146.713 | 21.343 | 334.403 | 5558.988 | 5976.454 | 3.287 | 4.064 |
| 179.889 | 1.000 | 14.736 | | | | | | |
| 1/9/2017 2:44:45 AM | 361800.000 | 146.683 | 21.342 | 334.336 | 5559.155 | 5976.708 | 3.287 | 4.064 |
| 179.883 | 1.000 | 14.740 | | | | | | |
| 1/9/2017 2:59:45 AM | 362700.000 | 146.692 | 21.346 | 334.356 | 5559.972 | 5977.146 | 3.287 | 4.064 |
| 179.857 | 1.000 | 14.739 | | | | | | |
| 1/9/2017 3:14:45 AM | 363600.000 | 146.686 | 21.343 | 334.343 | 5560.058 | 5977.539 | 3.287 | 4.065 |
| 179.854 | 1.000 | 14.746 | | | | | | |
| 1/9/2017 3:29:45 AM | 364500.000 | 146.692 | 21.340 | 334.357 | 5559.525 | 5977.354 | 3.287 | 4.065 |
| 179.871 | 1.000 | 14.738 | | | | | | |
| 1/9/2017 3:44:45 AM | 365400.000 | 146.772 | 21.342 | 334.538 | 5559.236 | 5976.850 | 3.287 | 4.064 |
| 179.881 | 1.000 | 14.739 | | | | | | |
| 1/9/2017 3:59:45 AM | 366300.000 | 146.732 | 21.344 | 334.447 | 5559.872 | 5977.263 | 3.287 | 4.065 |
| 179.860 | 1.000 | 14.737 | | | | | | |
| 1/9/2017 4:14:45 AM | 367200.000 | 146.730 | 21.348 | 334.442 | 5561.531 | 5978.542 | 3.288 | 4.065 |
| 179.807 | 1.000 | 14.738 | | | | | | |
| 1/9/2017 4:29:45 AM | 368100.000 | 146.726 | 21.343 | 334.434 | 5560.335 | 5977.827 | 3.288 | 4.065 |
| 179.845 | 1.000 | 14.748 | | | | | | |
| 1/9/2017 4:44:45 AM | 369000.000 | 146.693 | 21.341 | 334.358 | 5559.637 | 5977.345 | 3.287 | 4.065 |
| 179.868 | 1.000 | 14.751 | | | | | | |
| 1/9/2017 4:59:45 AM | 369900.000 | 146.742 | 21.342 | 334.470 | 5559.832 | 5977.458 | 3.287 | 4.065 |
| 179.862 | 1.000 | 14.741 | | | | | | |
| 1/9/2017 5:14:45 AM | 370800.000 | 146.710 | 21.330 | 334.397 | 5558.992 | 5977.975 | 3.288 | 4.065 |
| 179.889 | 1.000 | 14.738 | | | | | | |
| 1/9/2017 5:29:45 AM | 371700.000 | 146.711 | 21.327 | 334.399 | 5558.982 | 5978.341 | 3.288 | 4.065 |
| 179.889 | 1.000 | 14.750 | | | | | | |
| 1/9/2017 5:44:45 AM | 372600.000 | 146.704 | 21.331 | 334.383 | 5558.841 | 5977.737 | 3.288 | 4.065 |
| 179.894 | 1.000 | 14.746 | | | | | | |
| 1/9/2017 5:59:45 AM | 373500.000 | 146.723 | 21.329 | 334.426 | 5559.095 | 5978.257 | 3.288 | 4.065 |
| 179.885 | 1.000 | 14.741 | | | | | | |
| 1/9/2017 6:14:45 AM | 374400.000 | 146.716 | 21.323 | 334.410 | 5558.229 | 5978.037 | 3.288 | 4.065 |
| 179.913 | 1.000 | 14.750 | | | | | | |
| 1/9/2017 6:29:45 AM | 375300.000 | 146.717 | 21.319 | 334.413 | 5558.495 | 5978.829 | 3.288 | 4.066 |
| 179.905 | 1.000 | 14.754 | | | | | | |
| 1/9/2017 6:44:45 AM | 376200.000 | 146.724 | 21.320 | 334.430 | 5559.179 | 5979.521 | 3.289 | 4.066 |
| 179.883 | 1.000 | 14.749 | | | | | | |
| 1/9/2017 6:59:45 AM | 377100.000 | 146.767 | 21.322 | 334.527 | 5559.922 | 5979.997 | 3.289 | 4.066 |
| 179.859 | 1.000 | 14.754 | | | | | | |
| 1/9/2017 7:14:45 AM | 378000.000 | 146.716 | 21.322 | 334.411 | 5559.158 | 5979.176 | 3.288 | 4.066 |
| 179.883 | 1.000 | 14.761 | | | | | | |
| 1/9/2017 7:29:45 AM | 378900.000 | 146.771 | 21.327 | 334.536 | 5559.887 | 5979.357 | 3.288 | 4.066 |
| 179.860 | 1.000 | 14.760 | | | | | | |
| 1/9/2017 7:44:45 AM | 379800.000 | 146.804 | 21.323 | 334.612 | 5558.965 | 5978.829 | 3.288 | 4.066 |
| 179.890 | 1.000 | 14.766 | | | | | | |
| 1/9/2017 7:59:45 AM | 380700.000 | 146.735 | 21.323 | 334.454 | 5560.131 | 5980.060 | 3.289 | 4.066 |
| 179.852 | 1.000 | 14.766 | | | | | | |
| 1/9/2017 8:14:45 AM | 381600.000 | 146.758 | 21.322 | 334.506 | 5560.577 | 5980.724 | 3.289 | 4.067 |
| 179.837 | 1.000 | 14.765 | | | | | | |
| 1/9/2017 8:29:45 AM | 382500.000 | 146.728 | 21.326 | 334.439 | 5561.830 | 5981.564 | 3.290 | 4.067 |
| 179.797 | 1.000 | 14.769 | | | | | | |
| 1/9/2017 8:44:45 AM | 383400.000 | 146.771 | 21.330 | 334.536 | 5561.413 | 5980.611 | 3.289 | 4.067 |
| 179.810 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 8:59:45 AM | 384300.000 | 146.736 | 21.337 | 334.456 | 5562.997 | 5981.463 | 3.290 | 4.067 |
| 179.759 | 1.000 | 14.771 | | | | | | |
| 1/9/2017 9:14:45 AM | 385200.000 | 146.733 | 21.341 | 334.451 | 5564.561 | 5982.618 | 3.290 | 4.068 |
| 179.709 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 9:29:45 AM | 386100.000 | 146.736 | 21.343 | 334.456 | 5563.295 | 5981.041 | 3.290 | 4.067 |
| 179.750 | 1.000 | 14.786 | | | | | | |
| 1/9/2017 9:44:45 AM | 387000.000 | 146.737 | 21.337 | 334.460 | 5563.258 | 5981.711 | 3.290 | 4.068 |
| 179.751 | 1.000 | 14.787 | | | | | | |
| 1/9/2017 9:59:45 AM | 387900.000 | 146.780 | 21.329 | 334.557 | 5562.828 | 5982.282 | 3.290 | 4.068 |
| 179.765 | 1.000 | 14.790 | | | | | | |
| 1/9/2017 10:14:45 AM | 388800.000 | 146.738 | 21.337 | 334.461 | 5563.411 | 5981.897 | 3.290 | 4.068 |
| 179.746 | 1.000 | 14.796 | | | | | | |
| 1/9/2017 10:29:45 AM | 389700.000 | 146.740 | 21.340 | 334.466 | 5564.179 | 5982.433 | 3.290 | 4.068 |
| 179.721 | 1.000 | 14.796 | | | | | | |
| 1/9/2017 10:44:45 AM | 390600.000 | 146.781 | 21.338 | 334.558 | 5562.784 | 5981.159 | 3.290 | 4.067 |
| 179.766 | 1.000 | 14.802 | | | | | | |
| 1/9/2017 10:59:45 AM | 391500.000 | 146.759 | 21.331 | 334.509 | 5562.285 | 5981.504 | 3.290 | 4.067 |
| 179.782 | 1.000 | 14.799 | | | | | | |
| 1/9/2017 11:14:45 AM | 392400.000 | 146.743 | 21.331 | 334.472 | 5563.021 | 5982.222 | 3.290 | 4.068 |
| 179.758 | 1.000 | 14.804 | | | | | | |
| 1/9/2017 11:29:45 AM | 393300.000 | 146.747 | 21.327 | 334.483 | 5562.889 | 5982.596 | 3.290 | 4.068 |
| 179.763 | 1.000 | 14.794 | | | | | | |
| 1/9/2017 11:44:45 AM | 394200.000 | 146.751 | 21.328 | 334.491 | 5562.800 | 5982.318 | 3.290 | 4.068 |
| 179.766 | 1.000 | 14.784 | | | | | | |
| 1/9/2017 11:59:45 AM | 395100.000 | 146.745 | 21.326 | 334.477 | 5563.484 | 5983.397 | 3.291 | 4.069 |
| 179.743 | 1.000 | 14.781 | | | | | | |
| 1/9/2017 12:14:45 PM | 396000.000 | 146.763 | 21.323 | 334.518 | 5562.681 | 5982.901 | 3.291 | 4.068 |
| 179.769 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 12:29:45 PM | 396900.000 | 146.760 | 21.322 | 334.511 | 5562.549 | 5982.844 | 3.291 | 4.068 |
| 179.774 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 12:44:45 PM | 397800.000 | 146.759 | 21.325 | 334.509 | 5562.577 | 5982.551 | 3.290 | 4.068 |
| 179.773 | 1.000 | 14.782 | | | | | | |
| 1/9/2017 12:59:45 PM | 398700.000 | 146.755 | 21.328 | 334.499 | 5562.603 | 5982.127 | 3.290 | 4.068 |
| 179.772 | 1.000 | 14.772 | | | | | | |
| 1/9/2017 1:14:45 PM | 399600.000 | 146.793 | 21.329 | 334.587 | 5562.860 | 5982.372 | 3.290 | 4.068 |
| 179.764 | 1.000 | 14.768 | | | | | | |
| 1/9/2017 1:29:45 PM | 400500.000 | 146.752 | 21.339 | 334.493 | 5564.051 | 5982.413 | 3.290 | 4.068 |
| 179.725 | 1.000 | 14.768 | | | | | | |
| 1/9/2017 1:44:45 PM | 401400.000 | 146.751 | 21.333 | 334.491 | 5563.120 | 5982.145 | 3.290 | 4.068 |
| 179.755 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 1:59:45 PM | 402300.000 | 146.745 | 21.330 | 334.476 | 5562.923 | 5982.277 | 3.290 | 4.068 |
| 179.762 | 1.000 | 14.785 | | | | | | |
| 1/9/2017 2:14:45 PM | 403200.000 | 146.775 | 21.325 | 334.545 | 5563.032 | 5982.998 | 3.291 | 4.068 |
| 179.758 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 2:29:45 PM | 404100.000 | 146.749 | 21.322 | 334.487 | 5561.797 | 5982.036 | 3.290 | 4.068 |
| 179.798 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 2:44:45 PM | 405000.000 | 146.747 | 21.321 | 334.482 | 5561.866 | 5982.227 | 3.290 | 4.068 |
| 179.796 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 2:59:45 PM | 405900.000 | 146.738 | 21.320 | 334.462 | 5562.046 | 5982.487 | 3.290 | 4.068 |
| 179.790 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 3:14:45 PM | 406800.000 | 146.735 | 21.330 | 334.455 | 5563.355 | 5982.742 | 3.290 | 4.068 |
| 179.748 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 3:29:45 PM | 407700.000 | 146.756 | 21.337 | 334.502 | 5564.009 | 5982.625 | 3.290 | 4.068 |
| 179.727 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 3:44:45 PM | 408600.000 | 146.714 | 21.342 | 334.407 | 5564.009 | 5981.905 | 3.290 | 4.068 |
| 179.727 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 3:59:45 PM | 409500.000 | 146.724 | 21.345 | 334.430 | 5565.499 | 5983.249 | 3.291 | 4.069 |
| 179.678 | 1.000 | 14.778 | | | | | | |
| 1/9/2017 4:14:45 PM | 410400.000 | 146.708 | 21.344 | 334.393 | 5564.222 | 5981.962 | 3.290 | 4.068 |
| 179.720 | 1.000 | 14.782 | | | | | | |
| 1/9/2017 4:29:45 PM | 411300.000 | 146.714 | 21.343 | 334.407 | 5564.461 | 5982.273 | 3.290 | 4.068 |
| 179.712 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 4:44:45 PM | 412200.000 | 146.706 | 21.334 | 334.389 | 5564.251 | 5983.178 | 3.291 | 4.069 |
| 179.719 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 4:59:45 PM | 413100.000 | 146.711 | 21.325 | 334.400 | 5563.751 | 5983.739 | 3.291 | 4.069 |
| 179.735 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 5:14:45 PM | 414000.000 | 146.720 | 21.324 | 334.421 | 5563.062 | 5983.180 | 3.291 | 4.069 |
| 179.757 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 5:29:45 PM | 414900.000 | 146.749 | 21.326 | 334.486 | 5564.296 | 5984.249 | 3.291 | 4.069 |
| 179.717 | 1.000 | 14.770 | | | | | | |
| 1/9/2017 5:44:45 PM | 415800.000 | 146.711 | 21.326 | 334.401 | 5563.517 | 5983.411 | 3.291 | 4.069 |
| 179.742 | 1.000 | 14.766 | | | | | | |
| 1/9/2017 5:59:45 PM | 416700.000 | 146.701 | 21.328 | 334.376 | 5563.527 | 5983.122 | 3.291 | 4.069 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 179.742 | 1.000 | 14.769 | | | | | | |
| 1/9/2017 6:14:45 PM | 417600.000 | 146.692 | 21.327 | 334.357 | 5563.833 | 5983.612 | 3.291 | 4.069 |
| 179.732 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 6:29:45 PM | 418500.000 | 146.731 | 21.324 | 334.445 | 5561.530 | 5981.554 | 3.290 | 4.067 |
| 179.807 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 6:44:45 PM | 419400.000 | 146.694 | 21.327 | 334.360 | 5562.717 | 5982.401 | 3.290 | 4.068 |
| 179.768 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 6:59:45 PM | 420300.000 | 146.690 | 21.325 | 334.351 | 5562.424 | 5982.333 | 3.290 | 4.068 |
| 179.778 | 1.000 | 14.774 | | | | | | |
| 1/9/2017 7:14:45 PM | 421200.000 | 146.676 | 21.320 | 334.320 | 5561.721 | 5982.223 | 3.290 | 4.068 |
| 179.800 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 7:29:45 PM | 422100.000 | 146.686 | 21.323 | 334.343 | 5562.037 | 5982.186 | 3.290 | 4.068 |
| 179.790 | 1.000 | 14.778 | | | | | | |
| 1/9/2017 7:44:45 PM | 423000.000 | 146.730 | 21.323 | 334.444 | 5561.489 | 5981.554 | 3.290 | 4.067 |
| 179.808 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 7:59:45 PM | 423900.000 | 146.678 | 21.327 | 334.325 | 5563.107 | 5982.884 | 3.291 | 4.068 |
| 179.756 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 8:14:45 PM | 424800.000 | 146.676 | 21.331 | 334.319 | 5562.755 | 5981.989 | 3.290 | 4.068 |
| 179.767 | 1.000 | 14.786 | | | | | | |
| 1/9/2017 8:29:45 PM | 425700.000 | 146.670 | 21.339 | 334.306 | 5563.584 | 5981.922 | 3.290 | 4.068 |
| 179.740 | 1.000 | 14.782 | | | | | | |
| 1/9/2017 8:44:45 PM | 426600.000 | 146.678 | 21.338 | 334.325 | 5563.327 | 5981.732 | 3.290 | 4.068 |
| 179.749 | 1.000 | 14.774 | | | | | | |
| 1/9/2017 8:59:45 PM | 427500.000 | 146.672 | 21.337 | 334.310 | 5563.501 | 5982.048 | 3.290 | 4.068 |
| 179.743 | 1.000 | 14.783 | | | | | | |
| 1/9/2017 9:14:45 PM | 428400.000 | 146.713 | 21.339 | 334.405 | 5564.271 | 5982.563 | 3.290 | 4.068 |
| 179.718 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 9:29:45 PM | 429300.000 | 146.689 | 21.339 | 334.350 | 5564.474 | 5982.814 | 3.291 | 4.068 |
| 179.712 | 1.000 | 14.772 | | | | | | |
| 1/9/2017 9:44:45 PM | 430200.000 | 146.675 | 21.348 | 334.318 | 5565.071 | 5982.379 | 3.290 | 4.068 |
| 179.692 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 9:59:45 PM | 431100.000 | 146.678 | 21.348 | 334.324 | 5564.754 | 5981.964 | 3.290 | 4.068 |
| 179.702 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 10:14:45 PM | 432000.000 | 146.670 | 21.350 | 334.307 | 5564.854 | 5981.898 | 3.290 | 4.068 |
| 179.699 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 10:29:45 PM | 432900.000 | 146.668 | 21.350 | 334.303 | 5565.321 | 5982.413 | 3.290 | 4.068 |
| 179.684 | 1.000 | 14.785 | | | | | | |
| 1/9/2017 10:44:45 PM | 433800.000 | 146.666 | 21.348 | 334.297 | 5565.150 | 5982.399 | 3.290 | 4.068 |
| 179.690 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 10:59:45 PM | 434700.000 | 146.713 | 21.348 | 334.405 | 5566.652 | 5984.068 | 3.291 | 4.069 |
| 179.641 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 11:14:45 PM | 435600.000 | 146.677 | 21.333 | 334.321 | 5565.639 | 5984.854 | 3.292 | 4.070 |
| 179.674 | 1.000 | 14.783 | | | | | | |
| 1/9/2017 11:29:45 PM | 436500.000 | 146.683 | 21.337 | 334.336 | 5565.007 | 5983.635 | 3.291 | 4.069 |
| 179.694 | 1.000 | 14.772 | | | | | | |
| 1/9/2017 11:44:45 PM | 437400.000 | 146.681 | 21.347 | 334.332 | 5565.693 | 5983.167 | 3.291 | 4.069 |
| 179.672 | 1.000 | 14.769 | | | | | | |
| 1/9/2017 11:59:45 PM | 438300.000 | 146.752 | 21.351 | 334.493 | 5565.283 | 5982.231 | 3.290 | 4.068 |
| 179.685 | 1.000 | 14.772 | | | | | | |
| 1/10/2017 12:14:45 AM | 439200.000 | 146.684 | 21.347 | 334.337 | 5565.720 | 5983.239 | 3.291 | 4.069 |
| 179.671 | 1.000 | 14.777 | | | | | | |
| 1/10/2017 12:29:45 AM | 440100.000 | 146.725 | 21.343 | 334.432 | 5564.760 | 5982.637 | 3.290 | 4.068 |
| 179.702 | 1.000 | 14.776 | | | | | | |
| 1/10/2017 12:44:45 AM | 441000.000 | 146.732 | 21.342 | 334.448 | 5564.522 | 5982.467 | 3.290 | 4.068 |
| 179.710 | 1.000 | 14.769 | | | | | | |
| 1/10/2017 12:59:45 AM | 441900.000 | 146.698 | 21.341 | 334.370 | 5564.303 | 5982.395 | 3.290 | 4.068 |
| 179.717 | 1.000 | 14.766 | | | | | | |
| 1/10/2017 1:14:45 AM | 442800.000 | 146.730 | 21.342 | 334.443 | 5564.532 | 5982.489 | 3.290 | 4.068 |
| 179.710 | 1.000 | 14.770 | | | | | | |
| 1/10/2017 1:29:45 AM | 443700.000 | 146.693 | 21.341 | 334.359 | 5563.438 | 5981.432 | 3.290 | 4.067 |
| 179.745 | 1.000 | 14.767 | | | | | | |
| 1/10/2017 1:44:45 AM | 444600.000 | 146.687 | 21.346 | 334.346 | 5564.608 | 5982.087 | 3.290 | 4.068 |
| 179.707 | 1.000 | 14.772 | | | | | | |
| 1/10/2017 1:59:45 AM | 445500.000 | 146.729 | 21.349 | 334.440 | 5565.688 | 5982.872 | 3.291 | 4.068 |
| 179.672 | 1.000 | 14.772 | | | | | | |
| 1/10/2017 2:14:45 AM | 446400.000 | 146.693 | 21.342 | 334.358 | 5564.698 | 5982.677 | 3.290 | 4.068 |
| 179.704 | 1.000 | 14.766 | | | | | | |
| 1/10/2017 2:29:45 AM | 447300.000 | 146.727 | 21.349 | 334.437 | 5565.465 | 5982.664 | 3.290 | 4.068 |
| 179.679 | 1.000 | 14.769 | | | | | | |
| 1/10/2017 2:44:45 AM | 448200.000 | 146.699 | 21.343 | 334.371 | 5564.830 | 5982.680 | 3.290 | 4.068 |
| 179.700 | 1.000 | 14.770 | | | | | | |
| 1/10/2017 2:59:45 AM | 449100.000 | 146.744 | 21.338 | 334.475 | 5563.777 | 5982.184 | 3.290 | 4.068 |
| 179.734 | 1.000 | 14.762 | | | | | | |
| 1/10/2017 3:14:45 AM | 450000.000 | 146.742 | 21.342 | 334.471 | 5565.471 | 5983.530 | 3.291 | 4.069 |
| 179.679 | 1.000 | 14.759 | | | | | | |
| 1/10/2017 3:29:45 AM | 450900.000 | 146.717 | 21.343 | 334.413 | 5565.517 | 5983.451 | 3.291 | 4.069 |
| 179.678 | 1.000 | 14.754 | | | | | | |
| 1/10/2017 3:44:45 AM | 451800.000 | 146.715 | 21.339 | 334.408 | 5564.709 | 5983.035 | 3.291 | 4.068 |
| 179.704 | 1.000 | 14.757 | | | | | | |
| 1/10/2017 3:59:45 AM | 452700.000 | 146.713 | 21.332 | 334.404 | 5563.829 | 5982.960 | 3.291 | 4.068 |
| 179.732 | 1.000 | 14.761 | | | | | | |
| 1/10/2017 4:14:45 AM | 453600.000 | 146.720 | 21.331 | 334.421 | 5563.651 | 5982.910 | 3.291 | 4.068 |
| 179.738 | 1.000 | 14.753 | | | | | | |
| 1/10/2017 4:29:45 AM | 454500.000 | 146.724 | 21.327 | 334.430 | 5563.204 | 5982.924 | 3.291 | 4.068 |
| 179.753 | 1.000 | 14.749 | | | | | | |
| 1/10/2017 4:44:45 AM | 455400.000 | 146.728 | 21.327 | 334.439 | 5563.045 | 5982.774 | 3.291 | 4.068 |
| 179.758 | 1.000 | 14.744 | | | | | | |
| 1/10/2017 4:59:45 AM | 456300.000 | 146.731 | 21.325 | 334.444 | 5561.879 | 5981.737 | 3.290 | 4.068 |
| 179.795 | 1.000 | 14.744 | | | | | | |
| 1/10/2017 5:14:45 AM | 457200.000 | 146.774 | 21.323 | 334.544 | 5563.950 | 5984.211 | 3.291 | 4.069 |
| 179.728 | 1.000 | 14.734 | | | | | | |
| 1/10/2017 5:29:45 AM | 458100.000 | 146.727 | 21.325 | 334.436 | 5562.271 | 5982.125 | 3.290 | 4.068 |
| 179.783 | 1.000 | 14.741 | | | | | | |
| 1/10/2017 5:44:45 AM | 459000.000 | 146.735 | 21.326 | 334.454 | 5563.146 | 5983.023 | 3.291 | 4.068 |
| 179.754 | 1.000 | 14.735 | | | | | | |
| 1/10/2017 5:59:45 AM | 459900.000 | 146.737 | 21.324 | 334.458 | 5563.151 | 5983.287 | 3.291 | 4.069 |
| 179.754 | 1.000 | 14.741 | | | | | | |
| 1/10/2017 6:14:45 AM | 460800.000 | 146.745 | 21.324 | 334.477 | 5562.463 | 5982.461 | 3.290 | 4.068 |
| 179.776 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 6:29:45 AM | 461700.000 | 146.755 | 21.322 | 334.501 | 5562.335 | 5982.583 | 3.290 | 4.068 |
| 179.781 | 1.000 | 14.733 | | | | | | |
| 1/10/2017 6:44:45 AM | 462600.000 | 146.760 | 21.319 | 334.510 | 5563.250 | 5983.942 | 3.291 | 4.069 |
| 179.751 | 1.000 | 14.734 | | | | | | |
| 1/10/2017 6:59:45 AM | 463500.000 | 146.757 | 21.320 | 334.504 | 5562.606 | 5983.100 | 3.291 | 4.069 |
| 179.772 | 1.000 | 14.741 | | | | | | |
| 1/10/2017 7:14:45 AM | 464400.000 | 146.749 | 21.324 | 334.486 | 5563.635 | 5983.732 | 3.291 | 4.069 |
| 179.739 | 1.000 | 14.741 | | | | | | |
| 1/10/2017 7:29:45 AM | 465300.000 | 146.757 | 21.328 | 334.504 | 5563.622 | 5983.244 | 3.291 | 4.069 |
| 179.739 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 7:44:45 AM | 466200.000 | 146.761 | 21.325 | 334.513 | 5562.983 | 5982.934 | 3.291 | 4.068 |
| 179.760 | 1.000 | 14.737 | | | | | | |
| 1/10/2017 7:59:45 AM | 467100.000 | 146.729 | 21.323 | 334.441 | 5564.072 | 5984.353 | 3.291 | 4.069 |
| 179.725 | 1.000 | 14.739 | | | | | | |
| 1/10/2017 8:14:45 AM | 468000.000 | 146.765 | 21.323 | 334.522 | 5563.634 | 5983.828 | 3.291 | 4.069 |
| 179.739 | 1.000 | 14.737 | | | | | | |
| 1/10/2017 8:29:45 AM | 468900.000 | 146.778 | 21.325 | 334.551 | 5563.459 | 5983.511 | 3.291 | 4.069 |
| 179.744 | 1.000 | 14.739 | | | | | | |
| 1/10/2017 8:44:45 AM | 469800.000 | 146.805 | 21.324 | 334.614 | 5564.461 | 5984.631 | 3.292 | 4.070 |
| 179.712 | 1.000 | 14.743 | | | | | | |
| 1/10/2017 8:59:45 AM | 470700.000 | 146.807 | 21.325 | 334.617 | 5564.546 | 5984.648 | 3.292 | 4.070 |
| 179.709 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 9:14:45 AM | 471600.000 | 146.804 | 21.326 | 334.611 | 5564.203 | 5984.116 | 3.291 | 4.069 |
| 179.720 | 1.000 | 14.747 | | | | | | |
| 1/10/2017 9:29:45 AM | 472500.000 | 146.768 | 21.330 | 334.529 | 5565.807 | 5985.336 | 3.292 | 4.070 |
| 179.668 | 1.000 | 14.749 | | | | | | |
| 1/10/2017 9:44:45 AM | 473400.000 | 146.771 | 21.333 | 334.536 | 5566.754 | 5986.053 | 3.292 | 4.071 |
| 179.638 | 1.000 | 14.749 | | | | | | |
| 1/10/2017 9:59:45 AM | 474300.000 | 146.782 | 21.339 | 334.561 | 5567.409 | 5986.001 | 3.292 | 4.070 |
| 179.617 | 1.000 | 14.750 | | | | | | |
| 1/10/2017 10:14:45 AM | 475200.000 | 146.774 | 21.340 | 334.544 | 5567.394 | 5985.792 | 3.292 | 4.070 |
| 179.617 | 1.000 | 14.746 | | | | | | |
| 1/10/2017 10:29:45 AM | 476100.000 | 146.783 | 21.340 | 334.564 | 5567.256 | 5985.677 | 3.292 | 4.070 |
| 179.622 | 1.000 | 14.743 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/10/2017 10:44:45 AM | 477000.000 | 146.827 | 21.338 | 334.663 | 5567.223 | 5985.889 | 3.292 | 4.070 |
| 179.623 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 10:59:45 AM | 477900.000 | 146.830 | 21.342 | 334.671 | 5567.172 | 5985.381 | 3.292 | 4.070 |
| 179.624 | 1.000 | 14.733 | | | | | | |
| 1/10/2017 11:14:45 AM | 478800.000 | 146.794 | 21.345 | 334.588 | 5568.210 | 5986.164 | 3.293 | 4.071 |
| 179.591 | 1.000 | 14.730 | | | | | | |
| 1/10/2017 11:29:45 AM | 479700.000 | 146.796 | 21.345 | 334.593 | 5567.491 | 5985.325 | 3.292 | 4.070 |
| 179.614 | 1.000 | 14.729 | | | | | | |
| 1/10/2017 11:44:45 AM | 480600.000 | 146.828 | 21.346 | 334.667 | 5569.107 | 5986.914 | 3.293 | 4.071 |
| 179.562 | 1.000 | 14.730 | | | | | | |
| 1/10/2017 11:59:45 AM | 481500.000 | 146.839 | 21.340 | 334.691 | 5567.184 | 5985.608 | 3.292 | 4.070 |
| 179.624 | 1.000 | 14.717 | | | | | | |
| 1/10/2017 12:14:45 PM | 482400.000 | 146.842 | 21.341 | 334.698 | 5568.332 | 5986.758 | 3.293 | 4.071 |
| 179.587 | 1.000 | 14.716 | | | | | | |
| 1/10/2017 12:29:45 PM | 483300.000 | 146.848 | 21.338 | 334.712 | 5567.239 | 5985.895 | 3.292 | 4.070 |
| 179.622 | 1.000 | 14.707 | | | | | | |
| 1/10/2017 12:44:45 PM | 484200.000 | 146.806 | 21.340 | 334.617 | 5567.534 | 5985.997 | 3.292 | 4.070 |
| 179.613 | 1.000 | 14.700 | | | | | | |
| 1/10/2017 12:59:45 PM | 485100.000 | 146.852 | 21.344 | 334.720 | 5568.275 | 5986.310 | 3.293 | 4.071 |
| 179.589 | 1.000 | 14.708 | | | | | | |
| 1/10/2017 1:14:45 PM | 486000.000 | 146.819 | 21.342 | 334.646 | 5567.523 | 5985.673 | 3.292 | 4.070 |
| 179.613 | 1.000 | 14.697 | | | | | | |
| 1/10/2017 1:29:45 PM | 486900.000 | 146.840 | 21.344 | 334.694 | 5568.650 | 5986.701 | 3.293 | 4.071 |
| 179.577 | 1.000 | 14.698 | | | | | | |
| 1/10/2017 1:44:45 PM | 487800.000 | 146.814 | 21.341 | 334.634 | 5568.840 | 5987.251 | 3.293 | 4.071 |
| 179.571 | 1.000 | 14.694 | | | | | | |
| 1/10/2017 1:59:45 PM | 488700.000 | 146.820 | 21.339 | 334.649 | 5568.607 | 5987.302 | 3.293 | 4.071 |
| 179.578 | 1.000 | 14.689 | | | | | | |
| 1/10/2017 2:14:45 PM | 489600.000 | 146.823 | 21.331 | 334.654 | 5566.210 | 5985.651 | 3.292 | 4.070 |
| 179.655 | 1.000 | 14.677 | | | | | | |
| 1/10/2017 2:29:45 PM | 490500.000 | 146.845 | 21.331 | 334.705 | 5566.801 | 5986.286 | 3.293 | 4.071 |
| 179.636 | 1.000 | 14.687 | | | | | | |
| 1/10/2017 2:44:45 PM | 491400.000 | 146.841 | 21.338 | 334.697 | 5567.057 | 5985.710 | 3.292 | 4.070 |
| 179.628 | 1.000 | 14.683 | | | | | | |
| 1/10/2017 2:59:45 PM | 492300.000 | 146.813 | 21.336 | 334.633 | 5566.455 | 5985.365 | 3.292 | 4.070 |
| 179.648 | 1.000 | 14.681 | | | | | | |
| 1/10/2017 3:14:45 PM | 493200.000 | 146.804 | 21.331 | 334.612 | 5567.504 | 5987.085 | 3.293 | 4.071 |
| 179.614 | 1.000 | 14.679 | | | | | | |
| 1/10/2017 3:29:45 PM | 494100.000 | 146.805 | 21.331 | 334.614 | 5567.362 | 5986.900 | 3.293 | 4.071 |
| 179.618 | 1.000 | 14.671 | | | | | | |
| 1/10/2017 3:44:45 PM | 495000.000 | 146.846 | 21.334 | 334.707 | 5567.745 | 5986.989 | 3.293 | 4.071 |
| 179.606 | 1.000 | 14.666 | | | | | | |
| 1/10/2017 3:59:45 PM | 495900.000 | 146.804 | 21.337 | 334.611 | 5567.581 | 5986.413 | 3.293 | 4.071 |
| 179.611 | 1.000 | 14.664 | | | | | | |
| 1/10/2017 4:14:45 PM | 496800.000 | 146.850 | 21.335 | 334.716 | 5567.900 | 5986.983 | 3.293 | 4.071 |
| 179.601 | 1.000 | 14.663 | | | | | | |
| 1/10/2017 4:29:45 PM | 497700.000 | 146.828 | 21.341 | 334.666 | 5567.533 | 5985.910 | 3.292 | 4.070 |
| 179.613 | 1.000 | 14.666 | | | | | | |
| 1/10/2017 4:44:45 PM | 498600.000 | 146.829 | 21.345 | 334.669 | 5569.039 | 5987.032 | 3.293 | 4.071 |
| 179.564 | 1.000 | 14.662 | | | | | | |
| 1/10/2017 4:59:45 PM | 499500.000 | 146.803 | 21.342 | 334.610 | 5569.208 | 5987.526 | 3.293 | 4.072 |
| 179.559 | 1.000 | 14.641 | | | | | | |
| 1/10/2017 5:14:45 PM | 500400.000 | 146.833 | 21.347 | 334.679 | 5569.490 | 5987.271 | 3.293 | 4.071 |
| 179.550 | 1.000 | 14.646 | | | | | | |
| 1/10/2017 5:29:45 PM | 501300.000 | 146.831 | 21.344 | 334.673 | 5568.454 | 5986.512 | 3.293 | 4.071 |
| 179.583 | 1.000 | 14.637 | | | | | | |
| 1/10/2017 5:44:45 PM | 502200.000 | 146.794 | 21.332 | 334.589 | 5567.945 | 5987.375 | 3.293 | 4.071 |
| 179.599 | 1.000 | 14.648 | | | | | | |
| 1/10/2017 5:59:45 PM | 503100.000 | 146.822 | 21.332 | 334.653 | 5567.175 | 5986.537 | 3.293 | 4.071 |
| 179.624 | 1.000 | 14.648 | | | | | | |
| 1/10/2017 6:14:45 PM | 504000.000 | 146.788 | 21.330 | 334.575 | 5567.071 | 5986.716 | 3.293 | 4.071 |
| 179.628 | 1.000 | 14.644 | | | | | | |
| 1/10/2017 6:29:45 PM | 504900.000 | 146.788 | 21.333 | 334.574 | 5567.974 | 5987.311 | 3.293 | 4.071 |
| 179.599 | 1.000 | 14.638 | | | | | | |
| 1/10/2017 6:44:45 PM | 505800.000 | 146.774 | 21.336 | 334.544 | 5568.105 | 5987.150 | 3.293 | 4.071 |
| 179.594 | 1.000 | 14.639 | | | | | | |
| 1/10/2017 6:59:45 PM | 506700.000 | 146.783 | 21.335 | 334.564 | 5568.153 | 5987.266 | 3.293 | 4.071 |
| 179.593 | 1.000 | 14.625 | | | | | | |
| 1/10/2017 7:14:45 PM | 507600.000 | 146.809 | 21.337 | 334.623 | 5569.540 | 5988.477 | 3.294 | 4.072 |
| 179.548 | 1.000 | 14.628 | | | | | | |
| 1/10/2017 7:29:45 PM | 508500.000 | 146.781 | 21.336 | 334.559 | 5568.961 | 5987.962 | 3.294 | 4.072 |
| 179.567 | 1.000 | 14.617 | | | | | | |
| 1/10/2017 7:44:45 PM | 509400.000 | 146.811 | 21.336 | 334.627 | 5568.106 | 5987.075 | 3.293 | 4.071 |
| 179.594 | 1.000 | 14.623 | | | | | | |
| 1/10/2017 7:59:45 PM | 510300.000 | 146.781 | 21.338 | 334.559 | 5568.787 | 5987.560 | 3.293 | 4.072 |
| 179.572 | 1.000 | 14.617 | | | | | | |
| 1/10/2017 8:14:45 PM | 511200.000 | 146.774 | 21.337 | 334.544 | 5569.503 | 5988.469 | 3.294 | 4.072 |
| 179.549 | 1.000 | 14.616 | | | | | | |
| 1/10/2017 8:29:45 PM | 512100.000 | 146.771 | 21.336 | 334.535 | 5569.759 | 5988.918 | 3.294 | 4.072 |
| 179.541 | 1.000 | 14.619 | | | | | | |
| 1/10/2017 8:44:45 PM | 513000.000 | 146.776 | 21.341 | 334.549 | 5570.641 | 5989.262 | 3.294 | 4.073 |
| 179.513 | 1.000 | 14.607 | | | | | | |
| 1/10/2017 8:59:45 PM | 513900.000 | 146.807 | 21.341 | 334.619 | 5569.329 | 5987.852 | 3.294 | 4.072 |
| 179.555 | 1.000 | 14.612 | | | | | | |
| 1/10/2017 9:14:45 PM | 514800.000 | 146.768 | 21.342 | 334.529 | 5570.779 | 5989.173 | 3.294 | 4.073 |
| 179.508 | 1.000 | 14.635 | | | | | | |
| 1/10/2017 9:29:45 PM | 515700.000 | 146.767 | 21.340 | 334.528 | 5570.481 | 5989.133 | 3.294 | 4.073 |
| 179.518 | 1.000 | 14.648 | | | | | | |
| 1/10/2017 9:44:45 PM | 516600.000 | 146.802 | 21.343 | 334.606 | 5570.125 | 5988.449 | 3.294 | 4.072 |
| 179.529 | 1.000 | 14.644 | | | | | | |
| 1/10/2017 9:59:45 PM | 517500.000 | 146.756 | 21.345 | 334.502 | 5571.396 | 5989.589 | 3.295 | 4.073 |
| 179.488 | 1.000 | 14.659 | | | | | | |
| 1/10/2017 10:14:45 PM | 518400.000 | 146.765 | 21.343 | 334.523 | 5570.887 | 5989.203 | 3.294 | 4.073 |
| 179.505 | 1.000 | 14.652 | | | | | | |
| 1/10/2017 10:29:45 PM | 519300.000 | 146.809 | 21.347 | 334.622 | 5572.140 | 5990.141 | 3.295 | 4.073 |
| 179.464 | 1.000 | 14.646 | | | | | | |
| 1/10/2017 10:44:45 PM | 520200.000 | 146.795 | 21.349 | 334.591 | 5571.648 | 5989.278 | 3.294 | 4.073 |
| 179.480 | 1.000 | 14.655 | | | | | | |
| 1/10/2017 10:59:45 PM | 521100.000 | 146.767 | 21.348 | 334.528 | 5572.501 | 5990.314 | 3.295 | 4.073 |
| 179.453 | 1.000 | 14.660 | | | | | | |
| 1/10/2017 11:14:45 PM | 522000.000 | 146.798 | 21.349 | 334.598 | 5573.215 | 5991.037 | 3.295 | 4.074 |
| 179.430 | 1.000 | 14.660 | | | | | | |
| 1/10/2017 11:29:45 PM | 522900.000 | 146.803 | 21.355 | 334.610 | 5573.269 | 5990.287 | 3.295 | 4.073 |
| 179.428 | 1.000 | 14.656 | | | | | | |
| 1/10/2017 11:44:45 PM | 523800.000 | 146.800 | 21.348 | 334.603 | 5572.427 | 5990.212 | 3.295 | 4.073 |
| 179.455 | 1.000 | 14.657 | | | | | | |
| 1/10/2017 11:59:45 PM | 524700.000 | 146.765 | 21.349 | 334.522 | 5573.462 | 5991.196 | 3.295 | 4.074 |
| 179.422 | 1.000 | 14.660 | | | | | | |
| 1/11/2017 12:14:45 AM | 525600.000 | 146.773 | 21.350 | 334.541 | 5572.988 | 5990.632 | 3.295 | 4.074 |
| 179.437 | 1.000 | 14.652 | | | | | | |
| 1/11/2017 12:29:45 AM | 526500.000 | 146.807 | 21.352 | 334.618 | 5574.269 | 5991.761 | 3.296 | 4.074 |
| 179.396 | 1.000 | 14.657 | | | | | | |
| 1/11/2017 12:44:45 AM | 527400.000 | 146.799 | 21.355 | 334.600 | 5575.220 | 5992.373 | 3.296 | 4.075 |
| 179.365 | 1.000 | 14.661 | | | | | | |
| 1/11/2017 12:59:45 AM | 528300.000 | 146.810 | 21.353 | 334.625 | 5574.295 | 5991.638 | 3.296 | 4.074 |
| 179.395 | 1.000 | 14.657 | | | | | | |
| 1/11/2017 1:14:45 AM | 529200.000 | 146.769 | 21.353 | 334.533 | 5574.650 | 5992.019 | 3.296 | 4.075 |
| 179.383 | 1.000 | 14.652 | | | | | | |
| 1/11/2017 1:29:45 AM | 530100.000 | 146.816 | 21.357 | 334.638 | 5576.183 | 5993.236 | 3.297 | 4.075 |
| 179.334 | 1.000 | 14.662 | | | | | | |
| 1/11/2017 1:44:45 AM | 531000.000 | 146.817 | 21.354 | 334.640 | 5576.204 | 5993.592 | 3.297 | 4.076 |
| 179.333 | 1.000 | 14.666 | | | | | | |
| 1/11/2017 1:59:45 AM | 531900.000 | 146.808 | 21.339 | 334.621 | 5575.694 | 5994.910 | 3.298 | 4.077 |
| 179.350 | 1.000 | 14.669 | | | | | | |
| 1/11/2017 2:14:45 AM | 532800.000 | 146.795 | 21.324 | 334.591 | 5567.676 | 5988.143 | 3.294 | 4.072 |
| 179.608 | 1.000 | 14.665 | | | | | | |
| 1/11/2017 2:29:45 AM | 533700.000 | 146.791 | 21.322 | 334.582 | 5559.659 | 5979.693 | 3.289 | 4.066 |
| 179.867 | 1.000 | 14.666 | | | | | | |
| 1/11/2017 2:44:45 AM | 534600.000 | 146.799 | 21.322 | 334.601 | 5554.568 | 5974.283 | 3.286 | 4.063 |
| 180.032 | 1.000 | 14.671 | | | | | | |
| 1/11/2017 2:59:45 AM | 535500.000 | 146.797 | 21.319 | 334.597 | 5553.907 | 5973.947 | 3.285 | 4.062 |
| 180.053 | 1.000 | 14.672 | | | | | | |
| 1/11/2017 3:14:45 AM | 536400.000 | 146.802 | 21.320 | 334.606 | 5552.357 | 5972.173 | 3.284 | 4.061 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 180.104 | 1.000 | 14.668 | | | | | | |
| 1/11/2017 3:29:45 AM | 537300.000 | 146.845 | 21.315 | 334.704 | 5551.257 | 5971.505 | 3.284 | 4.061 |
| 180.139 | 1.000 | 14.675 | | | | | | |
| 1/11/2017 3:44:45 AM | 538200.000 | 146.813 | 21.318 | 334.632 | 5551.113 | 5971.028 | 3.284 | 4.060 |
| 180.144 | 1.000 | 14.671 | | | | | | |
| 1/11/2017 3:59:45 AM | 539100.000 | 146.814 | 21.318 | 334.635 | 5549.398 | 5969.216 | 3.283 | 4.059 |
| 180.200 | 1.000 | 14.676 | | | | | | |
| 1/11/2017 4:14:45 AM | 540000.000 | 146.809 | 21.324 | 334.624 | 5549.723 | 5968.779 | 3.282 | 4.059 |
| 180.189 | 1.000 | 14.678 | | | | | | |
| 1/11/2017 4:29:45 AM | 540900.000 | 146.812 | 21.322 | 334.630 | 5548.923 | 5968.200 | 3.282 | 4.058 |
| 180.215 | 1.000 | 14.679 | | | | | | |
| 1/11/2017 4:44:45 AM | 541800.000 | 146.805 | 21.320 | 334.615 | 5549.107 | 5968.569 | 3.282 | 4.059 |
| 180.209 | 1.000 | 14.680 | | | | | | |
| 1/11/2017 4:59:45 AM | 542700.000 | 146.811 | 21.323 | 334.628 | 5548.642 | 5967.715 | 3.282 | 4.058 |
| 180.224 | 1.000 | 14.675 | | | | | | |
| 1/11/2017 5:14:45 AM | 543600.000 | 146.823 | 21.317 | 334.655 | 5548.282 | 5968.144 | 3.282 | 4.058 |
| 180.236 | 1.000 | 14.669 | | | | | | |
| 1/11/2017 5:29:45 AM | 544500.000 | 146.819 | 21.320 | 334.646 | 5548.683 | 5968.157 | 3.282 | 4.058 |
| 180.223 | 1.000 | 14.671 | | | | | | |
| 1/11/2017 5:44:45 AM | 545400.000 | 146.819 | 21.325 | 334.647 | 5548.489 | 5967.314 | 3.281 | 4.058 |
| 180.229 | 1.000 | 14.672 | | | | | | |
| 1/11/2017 5:59:45 AM | 546300.000 | 146.821 | 21.316 | 334.650 | 5547.683 | 5967.531 | 3.282 | 4.058 |
| 180.255 | 1.000 | 14.673 | | | | | | |
| 1/11/2017 6:14:45 AM | 547200.000 | 146.816 | 21.325 | 334.639 | 5548.530 | 5967.348 | 3.281 | 4.058 |
| 180.228 | 1.000 | 14.678 | | | | | | |
| 1/11/2017 6:29:45 AM | 548100.000 | 146.824 | 21.325 | 334.657 | 5548.304 | 5967.147 | 3.281 | 4.058 |
| 180.235 | 1.000 | 14.687 | | | | | | |
| 1/11/2017 6:44:45 AM | 549000.000 | 146.836 | 21.320 | 334.684 | 5547.345 | 5966.781 | 3.281 | 4.057 |
| 180.266 | 1.000 | 14.681 | | | | | | |
| 1/11/2017 6:59:45 AM | 549900.000 | 146.827 | 21.326 | 334.664 | 5548.758 | 5967.517 | 3.282 | 4.058 |
| 180.221 | 1.000 | 14.683 | | | | | | |
| 1/11/2017 7:14:45 AM | 550800.000 | 146.838 | 21.327 | 334.690 | 5548.483 | 5967.135 | 3.281 | 4.058 |
| 180.229 | 1.000 | 14.683 | | | | | | |
| 1/11/2017 7:29:45 AM | 551700.000 | 146.838 | 21.321 | 334.689 | 5547.384 | 5966.597 | 3.281 | 4.057 |
| 180.265 | 1.000 | 14.687 | | | | | | |
| 1/11/2017 7:44:45 AM | 552600.000 | 146.840 | 21.323 | 334.694 | 5548.907 | 5967.988 | 3.282 | 4.058 |
| 180.216 | 1.000 | 14.689 | | | | | | |
| 1/11/2017 7:59:45 AM | 553500.000 | 146.835 | 21.325 | 334.682 | 5549.162 | 5968.102 | 3.282 | 4.058 |
| 180.207 | 1.000 | 14.696 | | | | | | |
| 1/11/2017 8:14:45 AM | 554400.000 | 146.832 | 21.321 | 334.676 | 5547.389 | 5966.603 | 3.281 | 4.057 |
| 180.265 | 1.000 | 14.698 | | | | | | |
| 1/11/2017 8:29:45 AM | 555300.000 | 146.831 | 21.329 | 334.672 | 5549.587 | 5968.001 | 3.282 | 4.058 |
| 180.194 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 8:44:45 AM | 556200.000 | 146.848 | 21.328 | 334.711 | 5548.724 | 5967.277 | 3.281 | 4.058 |
| 180.222 | 1.000 | 14.694 | | | | | | |
| 1/11/2017 8:59:45 AM | 557100.000 | 146.888 | 21.321 | 334.804 | 5548.805 | 5968.179 | 3.282 | 4.058 |
| 180.219 | 1.000 | 14.701 | | | | | | |
| 1/11/2017 9:14:45 AM | 558000.000 | 146.851 | 21.318 | 334.718 | 5548.028 | 5967.666 | 3.282 | 4.058 |
| 180.244 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 9:29:45 AM | 558900.000 | 146.855 | 21.322 | 334.729 | 5548.116 | 5967.342 | 3.281 | 4.058 |
| 180.241 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 9:44:45 AM | 559800.000 | 146.857 | 21.325 | 334.733 | 5548.423 | 5967.329 | 3.281 | 4.058 |
| 180.231 | 1.000 | 14.714 | | | | | | |
| 1/11/2017 9:59:45 AM | 560700.000 | 146.860 | 21.326 | 334.739 | 5549.261 | 5968.015 | 3.282 | 4.058 |
| 180.204 | 1.000 | 14.709 | | | | | | |
| 1/11/2017 10:14:45 AM | 561600.000 | 146.894 | 21.329 | 334.816 | 5550.055 | 5968.601 | 3.282 | 4.059 |
| 180.178 | 1.000 | 14.720 | | | | | | |
| 1/11/2017 10:29:45 AM | 562500.000 | 146.863 | 21.326 | 334.745 | 5549.410 | 5968.196 | 3.282 | 4.058 |
| 180.199 | 1.000 | 14.719 | | | | | | |
| 1/11/2017 10:44:45 AM | 563400.000 | 146.864 | 21.320 | 334.749 | 5548.898 | 5968.344 | 3.282 | 4.058 |
| 180.216 | 1.000 | 14.726 | | | | | | |
| 1/11/2017 10:59:45 AM | 564300.000 | 146.870 | 21.331 | 334.762 | 5550.665 | 5968.911 | 3.282 | 4.059 |
| 180.159 | 1.000 | 14.724 | | | | | | |
| 1/11/2017 11:14:45 AM | 565200.000 | 146.868 | 21.324 | 334.757 | 5550.771 | 5969.950 | 3.283 | 4.060 |
| 180.155 | 1.000 | 14.723 | | | | | | |
| 1/11/2017 11:29:45 AM | 566100.000 | 146.872 | 21.325 | 334.768 | 5550.409 | 5969.389 | 3.283 | 4.059 |
| 180.167 | 1.000 | 14.722 | | | | | | |
| 1/11/2017 11:44:45 AM | 567000.000 | 146.880 | 21.326 | 334.784 | 5550.650 | 5969.606 | 3.283 | 4.059 |
| 180.159 | 1.000 | 14.721 | | | | | | |
| 1/11/2017 11:59:45 AM | 567900.000 | 146.871 | 21.322 | 334.764 | 5549.642 | 5968.941 | 3.282 | 4.059 |
| 180.192 | 1.000 | 14.719 | | | | | | |
| 1/11/2017 12:14:45 PM | 568800.000 | 146.884 | 21.326 | 334.794 | 5550.768 | 5969.689 | 3.283 | 4.059 |
| 180.155 | 1.000 | 14.714 | | | | | | |
| 1/11/2017 12:29:45 PM | 569700.000 | 146.908 | 21.329 | 334.848 | 5552.431 | 5971.123 | 3.284 | 4.060 |
| 180.101 | 1.000 | 14.712 | | | | | | |
| 1/11/2017 12:44:45 PM | 570600.000 | 146.921 | 21.328 | 334.879 | 5552.478 | 5971.325 | 3.284 | 4.061 |
| 180.100 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 12:59:45 PM | 571500.000 | 146.927 | 21.329 | 334.892 | 5552.481 | 5971.155 | 3.284 | 4.060 |
| 180.100 | 1.000 | 14.707 | | | | | | |
| 1/11/2017 1:14:45 PM | 572400.000 | 146.883 | 21.325 | 334.791 | 5552.558 | 5971.776 | 3.284 | 4.061 |
| 180.097 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 1:29:45 PM | 573300.000 | 146.956 | 21.326 | 334.957 | 5552.356 | 5971.375 | 3.284 | 4.061 |
| 180.104 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 1:44:45 PM | 574200.000 | 146.911 | 21.339 | 334.857 | 5556.196 | 5973.892 | 3.285 | 4.062 |
| 179.979 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 1:59:45 PM | 575100.000 | 146.877 | 21.346 | 334.778 | 5555.999 | 5972.842 | 3.285 | 4.062 |
| 179.986 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 2:14:45 PM | 576000.000 | 146.918 | 21.347 | 334.873 | 5556.298 | 5973.046 | 3.285 | 4.062 |
| 179.976 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 2:29:45 PM | 576900.000 | 146.870 | 21.348 | 334.763 | 5558.115 | 5974.912 | 3.286 | 4.063 |
| 179.917 | 1.000 | 14.706 | | | | | | |
| 1/11/2017 2:44:45 PM | 577800.000 | 146.879 | 21.344 | 334.784 | 5557.276 | 5974.484 | 3.286 | 4.063 |
| 179.944 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 2:59:45 PM | 578700.000 | 146.911 | 21.338 | 334.855 | 5557.323 | 5975.277 | 3.286 | 4.063 |
| 179.943 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 3:14:45 PM | 579600.000 | 146.912 | 21.334 | 334.859 | 5556.913 | 5975.265 | 3.286 | 4.063 |
| 179.956 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 3:29:45 PM | 580500.000 | 146.879 | 21.327 | 334.782 | 5554.651 | 5973.727 | 3.285 | 4.062 |
| 180.029 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 3:44:45 PM | 581400.000 | 146.915 | 21.323 | 334.865 | 5555.208 | 5974.831 | 3.286 | 4.063 |
| 180.011 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 3:59:45 PM | 582300.000 | 146.875 | 21.324 | 334.773 | 5556.720 | 5976.294 | 3.287 | 4.064 |
| 179.962 | 1.000 | 14.700 | | | | | | |
| 1/11/2017 4:14:45 PM | 583200.000 | 146.870 | 21.323 | 334.761 | 5557.251 | 5976.996 | 3.287 | 4.064 |
| 179.945 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 4:29:45 PM | 584100.000 | 146.879 | 21.321 | 334.783 | 5557.526 | 5977.604 | 3.287 | 4.065 |
| 179.936 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 4:44:45 PM | 585000.000 | 146.866 | 21.322 | 334.752 | 5557.690 | 5977.597 | 3.287 | 4.065 |
| 179.931 | 1.000 | 14.710 | | | | | | |
| 1/11/2017 4:59:45 PM | 585900.000 | 146.863 | 21.325 | 334.745 | 5557.666 | 5977.269 | 3.287 | 4.065 |
| 179.932 | 1.000 | 14.709 | | | | | | |
| 1/11/2017 5:14:45 PM | 586800.000 | 146.858 | 21.324 | 334.734 | 5557.876 | 5977.571 | 3.287 | 4.065 |
| 179.925 | 1.000 | 14.707 | | | | | | |
| 1/11/2017 5:29:45 PM | 587700.000 | 146.852 | 21.329 | 334.721 | 5558.940 | 5978.059 | 3.288 | 4.065 |
| 179.890 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 5:44:45 PM | 588600.000 | 146.875 | 21.327 | 334.774 | 5559.677 | 5979.142 | 3.288 | 4.066 |
| 179.867 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 5:59:45 PM | 589500.000 | 146.880 | 21.323 | 334.786 | 5558.139 | 5978.016 | 3.288 | 4.065 |
| 179.916 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 6:14:45 PM | 590400.000 | 146.838 | 21.326 | 334.690 | 5559.444 | 5979.030 | 3.288 | 4.066 |
| 179.874 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 6:29:45 PM | 591300.000 | 146.836 | 21.325 | 334.686 | 5558.726 | 5978.355 | 3.288 | 4.065 |
| 179.897 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 6:44:45 PM | 592200.000 | 146.865 | 21.327 | 334.752 | 5559.784 | 5979.256 | 3.288 | 4.066 |
| 179.863 | 1.000 | 14.706 | | | | | | |
| 1/11/2017 6:59:45 PM | 593100.000 | 146.799 | 21.328 | 334.600 | 5560.242 | 5979.674 | 3.289 | 4.066 |
| 179.848 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 7:14:45 PM | 594000.000 | 146.828 | 21.326 | 334.666 | 5558.346 | 5977.871 | 3.288 | 4.065 |
| 179.910 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 7:29:45 PM | 594900.000 | 146.830 | 21.324 | 334.672 | 5558.697 | 5978.421 | 3.288 | 4.065 |
| 179.898 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 7:44:45 PM | 595800.000 | 146.827 | 21.323 | 334.664 | 5558.845 | 5978.688 | 3.288 | 4.066 |
| 179.893 | 1.000 | 14.704 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 7:59:45 PM | 596700.000 | 146.816 | 21.325 | 334.638 | 5560.104 | 5979.828 | 3.289 | 4.066 |
| 179.853 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 8:14:45 PM | 597600.000 | 146.808 | 21.326 | 334.621 | 5560.676 | 5980.367 | 3.289 | 4.067 |
| 179.834 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 8:29:45 PM | 598500.000 | 146.842 | 21.340 | 334.697 | 5563.077 | 5981.140 | 3.290 | 4.067 |
| 179.757 | 1.000 | 14.699 | | | | | | |
| 1/11/2017 8:44:45 PM | 599400.000 | 146.811 | 21.338 | 334.627 | 5562.381 | 5980.715 | 3.289 | 4.067 |
| 179.779 | 1.000 | 14.700 | | | | | | |
| 1/11/2017 8:59:45 PM | 600300.000 | 146.852 | 21.333 | 334.720 | 5562.565 | 5981.549 | 3.290 | 4.067 |
| 179.773 | 1.000 | 14.693 | | | | | | |
| 1/11/2017 9:14:45 PM | 601200.000 | 146.806 | 21.323 | 334.616 | 5560.297 | 5980.347 | 3.289 | 4.067 |
| 179.847 | 1.000 | 14.692 | | | | | | |
| 1/11/2017 9:29:45 PM | 602100.000 | 146.813 | 21.320 | 334.631 | 5559.779 | 5980.112 | 3.289 | 4.066 |
| 179.863 | 1.000 | 14.691 | | | | | | |
| 1/11/2017 9:44:45 PM | 603000.000 | 146.806 | 21.323 | 334.615 | 5560.992 | 5981.084 | 3.290 | 4.067 |
| 179.824 | 1.000 | 14.696 | | | | | | |
| 1/11/2017 9:59:45 PM | 603900.000 | 146.848 | 21.322 | 334.712 | 5560.195 | 5980.367 | 3.289 | 4.067 |
| 179.850 | 1.000 | 14.692 | | | | | | |
| 1/11/2017 10:14:45 PM | 604800.000 | 146.836 | 21.338 | 334.685 | 5562.542 | 5980.824 | 3.289 | 4.067 |
| 179.774 | 1.000 | 14.691 | | | | | | |
| 1/11/2017 10:29:45 PM | 605700.000 | 146.797 | 21.342 | 334.596 | 5562.693 | 5980.501 | 3.289 | 4.067 |
| 179.769 | 1.000 | 14.689 | | | | | | |
| 1/11/2017 10:44:45 PM | 606600.000 | 146.845 | 21.333 | 334.704 | 5561.127 | 5979.970 | 3.289 | 4.066 |
| 179.820 | 1.000 | 14.689 | | | | | | |
| 1/11/2017 10:59:45 PM | 607500.000 | 146.813 | 21.326 | 334.633 | 5561.615 | 5981.322 | 3.290 | 4.067 |
| 179.804 | 1.000 | 14.682 | | | | | | |
| 1/11/2017 11:14:45 PM | 608400.000 | 146.809 | 21.326 | 334.624 | 5561.061 | 5980.695 | 3.289 | 4.067 |
| 179.822 | 1.000 | 14.685 | | | | | | |
| 1/11/2017 11:29:45 PM | 609300.000 | 146.804 | 21.333 | 334.611 | 5561.513 | 5980.396 | 3.289 | 4.067 |
| 179.807 | 1.000 | 14.688 | | | | | | |
| 1/11/2017 11:44:45 PM | 610200.000 | 146.845 | 21.344 | 334.705 | 5563.527 | 5981.150 | 3.290 | 4.067 |
| 179.742 | 1.000 | 14.686 | | | | | | |
| 1/11/2017 11:59:45 PM | 611100.000 | 146.804 | 21.338 | 334.613 | 5563.485 | 5981.859 | 3.290 | 4.068 |
| 179.743 | 1.000 | 14.679 | | | | | | |

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: µS/cm

| Date | Time | ms | LEVEL | TEMPERATURE | CONDUCTIVITY |
|---|---|---|---|---|---|
| 1/5/2017 | 0:00:00 | 0 | 90.975 | 16.3 | 1240.9 |
| 1/5/2017 | 0:15:00 | 0 | 90.954 | 16.3 | 1236.2 |
| 1/5/2017 | 0:30:00 | 0 | 90.932 | 16.3 | 1238.6 |
| 1/5/2017 | 0:45:00 | 0 | 90.923 | 16.3 | 1239.7 |
| 1/5/2017 | 1:00:00 | 0 | 90.962 | 16.3 | 1237.4 |
| 1/5/2017 | 1:15:00 | 0 | 90.93 | 16.3 | 1237.4 |
| 1/5/2017 | 1:30:00 | 0 | 90.955 | 16.3 | 1239.7 |
| 1/5/2017 | 1:45:00 | 0 | 90.938 | 16.3 | 1237.4 |
| 1/5/2017 | 2:00:00 | 0 | 90.934 | 16.3 | 1238.6 |
| 1/5/2017 | 2:15:00 | 0 | 90.928 | 16.3 | 1238.6 |
| 1/5/2017 | 2:30:00 | 0 | 90.934 | 16.3 | 1239.7 |
| 1/5/2017 | 2:45:00 | 0 | 90.952 | 16.3 | 1239.7 |
| 1/5/2017 | 3:00:00 | 0 | 90.968 | 16.3 | 1239.7 |
| 1/5/2017 | 3:15:00 | 0 | 90.944 | 16.3 | 1237.4 |
| 1/5/2017 | 3:30:00 | 0 | 90.975 | 16.3 | 1239.7 |
| 1/5/2017 | 3:45:00 | 0 | 90.99 | 16.3 | 1237.4 |
| 1/5/2017 | 4:00:00 | 0 | 90.953 | 16.3 | 1237.4 |
| 1/5/2017 | 4:15:00 | 0 | 90.99 | 16.3 | 1239.7 |
| 1/5/2017 | 4:30:00 | 0 | 90.949 | 16.3 | 1238.6 |
| 1/5/2017 | 4:45:00 | 0 | 90.975 | 16.3 | 1242.1 |
| 1/5/2017 | 5:00:00 | 0 | 90.99 | 16.3 | 1238.6 |
| 1/5/2017 | 5:15:00 | 0 | 90.995 | 16.3 | 1237.4 |
| 1/5/2017 | 5:30:00 | 0 | 90.974 | 16.3 | 1238.6 |
| 1/5/2017 | 5:45:00 | 0 | 90.978 | 16.3 | 1240.9 |
| 1/5/2017 | 6:00:00 | 0 | 90.966 | 16.3 | 1237.4 |
| 1/5/2017 | 6:15:00 | 0 | 90.977 | 16.3 | 1240.9 |
| 1/5/2017 | 6:30:00 | 0 | 90.955 | 16.3 | 1233.9 |
| 1/5/2017 | 6:45:00 | 0 | 91.008 | 16.3 | 1239.7 |
| 1/5/2017 | 7:00:00 | 0 | 90.966 | 16.3 | 1237.4 |
| 1/5/2017 | 7:15:00 | 0 | 90.981 | 16.3 | 1238.6 |
| 1/5/2017 | 7:30:00 | 0 | 90.964 | 16.3 | 1239.7 |

| | | | | | |
|---|---|---|---|---|---|
| 1/5/2017 | 7:45:00 | 0 | 90.965 | 16.3 | 1237.4 |
| 1/5/2017 | 8:00:00 | 0 | 91.001 | 16.3 | 1238.6 |
| 1/5/2017 | 8:15:00 | 0 | 90.928 | 16.3 | 1239.7 |
| 1/5/2017 | 8:30:00 | 0 | 90.939 | 16.3 | 1242.1 |
| 1/5/2017 | 8:45:00 | 0 | 90.964 | 16.3 | 1237.4 |
| 1/5/2017 | 9:00:00 | 0 | 90.958 | 16.3 | 1235 |
| 1/5/2017 | 9:15:00 | 0 | 90.974 | 16.3 | 1239.7 |
| 1/5/2017 | 9:30:00 | 0 | 90.947 | 16.3 | 1240.9 |
| 1/5/2017 | 9:45:00 | 0 | 90.944 | 16.3 | 1237.4 |
| 1/5/2017 | 10:00:00 | 0 | 90.959 | 16.3 | 1238.6 |
| 1/5/2017 | 10:15:00 | 0 | 90.925 | 16.3 | 1238.6 |
| 1/5/2017 | 10:30:00 | 0 | 90.947 | 16.3 | 1239.7 |
| 1/5/2017 | 10:45:00 | 0 | 90.945 | 16.3 | 1242.1 |
| 1/5/2017 | 11:00:00 | 0 | 90.981 | 16.3 | 1242.1 |
| 1/5/2017 | 11:15:00 | 0 | 90.966 | 16.3 | 1238.6 |
| 1/5/2017 | 11:30:00 | 0 | 90.972 | 16.3 | 1239.7 |
| 1/5/2017 | 11:45:00 | 0 | 90.963 | 16.3 | 1239.7 |
| 1/5/2017 | 12:00:00 | 0 | 90.941 | 16.3 | 1238.6 |
| 1/5/2017 | 12:15:00 | 0 | 90.986 | 16.3 | 1237.4 |
| 1/5/2017 | 12:30:00 | 0 | 90.969 | 16.3 | 1242.1 |
| 1/5/2017 | 12:45:00 | 0 | 90.988 | 16.3 | 1237.4 |
| 1/5/2017 | 13:00:00 | 0 | 91.016 | 16.3 | 1242.1 |
| 1/5/2017 | 13:15:00 | 0 | 90.958 | 16.3 | 1238.6 |
| 1/5/2017 | 13:30:00 | 0 | 90.984 | 16.3 | 1238.6 |
| 1/5/2017 | 13:45:00 | 0 | 91.019 | 16.3 | 1239.7 |
| 1/5/2017 | 14:00:00 | 0 | 90.974 | 16.3 | 1239.7 |
| 1/5/2017 | 14:15:00 | 0 | 90.954 | 16.3 | 1237.4 |
| 1/5/2017 | 14:30:00 | 0 | 90.978 | 16.3 | 1237.4 |
| 1/5/2017 | 14:45:00 | 0 | 90.976 | 16.3 | 1239.7 |
| 1/5/2017 | 15:00:00 | 0 | 90.959 | 16.3 | 1236.2 |
| 1/5/2017 | 15:15:00 | 0 | 90.944 | 16.3 | 1235 |
| 1/5/2017 | 15:30:00 | 0 | 90.937 | 16.3 | 1240.9 |
| 1/5/2017 | 15:45:00 | 0 | 90.96 | 16.3 | 1240.9 |
| 1/5/2017 | 16:00:00 | 0 | 90.995 | 16.3 | 1238.6 |
| 1/5/2017 | 16:15:00 | 0 | 90.973 | 16.3 | 1242.1 |
| 1/5/2017 | 16:30:00 | 0 | 90.978 | 16.3 | 1238.6 |
| 1/5/2017 | 16:45:00 | 0 | 90.971 | 16.3 | 1237.4 |
| 1/5/2017 | 17:00:00 | 0 | 90.929 | 16.3 | 1239.7 |
| 1/5/2017 | 17:15:00 | 0 | 90.944 | 16.3 | 1240.9 |
| 1/5/2017 | 17:30:00 | 0 | 90.944 | 16.3 | 1238.6 |
| 1/5/2017 | 17:45:00 | 0 | 90.973 | 16.3 | 1236.2 |
| 1/5/2017 | 18:00:00 | 0 | 90.955 | 16.3 | 1239.7 |
| 1/5/2017 | 18:15:00 | 0 | 90.955 | 16.3 | 1236.2 |
| 1/5/2017 | 18:30:00 | 0 | 90.951 | 16.3 | 1237.4 |
| 1/5/2017 | 18:45:00 | 0 | 91.005 | 16.3 | 1238.6 |
| 1/5/2017 | 19:00:00 | 0 | 90.97 | 16.3 | 1239.7 |
| 1/5/2017 | 19:15:00 | 0 | 90.97 | 16.3 | 1236.2 |

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|---|---|---|---|---|---|
| 1/5/2017 | 19:30:00 | 0 | 90.928 | 16.3 | 1238.6 |
| 1/5/2017 | 19:45:00 | 0 | 90.968 | 16.3 | 1236.2 |
| 1/5/2017 | 20:00:00 | 0 | 90.988 | 16.3 | 1237.4 |
| 1/5/2017 | 20:15:00 | 0 | 91.005 | 16.3 | 1236.2 |
| 1/5/2017 | 20:30:00 | 0 | 90.968 | 16.3 | 1240.9 |
| 1/5/2017 | 20:45:00 | 0 | 90.967 | 16.3 | 1239.7 |
| 1/5/2017 | 21:00:00 | 0 | 90.963 | 16.3 | 1238.6 |
| 1/5/2017 | 21:15:00 | 0 | 90.978 | 16.3 | 1237.4 |
| 1/5/2017 | 21:30:00 | 0 | 91.011 | 16.3 | 1235 |
| 1/5/2017 | 21:45:00 | 0 | 90.968 | 16.3 | 1243.3 |
| 1/5/2017 | 22:00:00 | 0 | 90.969 | 16.3 | 1240.9 |
| 1/5/2017 | 22:15:00 | 0 | 90.984 | 16.3 | 1239.7 |
| 1/5/2017 | 22:30:00 | 0 | 90.943 | 16.3 | 1236.2 |
| 1/5/2017 | 22:45:00 | 0 | 90.969 | 16.3 | 1237.4 |
| 1/5/2017 | 23:00:00 | 0 | 90.991 | 16.3 | 1237.4 |
| 1/5/2017 | 23:15:00 | 0 | 90.971 | 16.3 | 1237.4 |
| 1/5/2017 | 23:30:00 | 0 | 90.971 | 16.3 | 1239.7 |
| 1/5/2017 | 23:45:00 | 0 | 90.986 | 16.3 | 1242.1 |
| 1/6/2017 | 0:00:00 | 0 | 90.964 | 16.3 | 1236.2 |
| 1/6/2017 | 0:15:00 | 0 | 91.003 | 16.3 | 1238.6 |
| 1/6/2017 | 0:30:00 | 0 | 91.012 | 16.3 | 1237.4 |
| 1/6/2017 | 0:45:00 | 0 | 90.994 | 16.3 | 1239.7 |
| 1/6/2017 | 1:00:00 | 0 | 90.994 | 16.3 | 1237.4 |
| 1/6/2017 | 1:15:00 | 0 | 90.973 | 16.3 | 1239.7 |
| 1/6/2017 | 1:30:00 | 0 | 91.017 | 16.3 | 1239.7 |
| 1/6/2017 | 1:45:00 | 0 | 90.973 | 16.3 | 1238.6 |
| 1/6/2017 | 2:00:00 | 0 | 91.033 | 16.3 | 1237.4 |
| 1/6/2017 | 2:15:00 | 0 | 90.99 | 16.3 | 1238.6 |
| 1/6/2017 | 2:30:00 | 0 | 90.997 | 16.3 | 1237.4 |
| 1/6/2017 | 2:45:00 | 0 | 91.003 | 16.3 | 1239.7 |
| 1/6/2017 | 3:00:00 | 0 | 90.951 | 16.3 | 1238.6 |
| 1/6/2017 | 3:15:00 | 0 | 91.018 | 16.3 | 1237.4 |
| 1/6/2017 | 3:30:00 | 0 | 91.016 | 16.3 | 1236.2 |
| 1/6/2017 | 3:45:00 | 0 | 90.996 | 16.3 | 1239.7 |
| 1/6/2017 | 4:00:00 | 0 | 91.001 | 16.3 | 1237.4 |
| 1/6/2017 | 4:15:00 | 0 | 91.006 | 16.3 | 1239.7 |
| 1/6/2017 | 4:30:00 | 0 | 91.008 | 16.3 | 1237.4 |
| 1/6/2017 | 4:45:00 | 0 | 91.011 | 16.3 | 1242.1 |
| 1/6/2017 | 5:00:00 | 0 | 91.011 | 16.3 | 1239.7 |
| 1/6/2017 | 5:15:00 | 0 | 91.039 | 16.3 | 1239.7 |
| 1/6/2017 | 5:30:00 | 0 | 90.999 | 16.3 | 1239.7 |
| 1/6/2017 | 5:45:00 | 0 | 91.004 | 16.3 | 1240.9 |
| 1/6/2017 | 6:00:00 | 0 | 91.029 | 16.3 | 1239.7 |
| 1/6/2017 | 6:15:00 | 0 | 91.002 | 16.3 | 1239.7 |
| 1/6/2017 | 6:30:00 | 0 | 91.022 | 16.3 | 1237.4 |
| 1/6/2017 | 6:45:00 | 0 | 91.042 | 16.3 | 1237.4 |
| 1/6/2017 | 7:00:00 | 0 | 91.049 | 16.3 | 1237.4 |

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|---|---|---|---|---|---|
| 1/6/2017 | 7:15:00 | 0 | 91.029 | 16.3 | 1240.9 |
| 1/6/2017 | 7:30:00 | 0 | 91.002 | 16.3 | 1236.2 |
| 1/6/2017 | 7:45:00 | 0 | 91.017 | 16.3 | 1238.6 |
| 1/6/2017 | 8:00:00 | 0 | 91.006 | 16.3 | 1237.4 |
| 1/6/2017 | 8:15:00 | 0 | 91.06 | 16.3 | 1239.7 |
| 1/6/2017 | 8:30:00 | 0 | 90.994 | 16.3 | 1239.7 |
| 1/6/2017 | 8:45:00 | 0 | 90.984 | 16.3 | 1237.4 |
| 1/6/2017 | 9:00:00 | 0 | 91.019 | 16.3 | 1238.6 |
| 1/6/2017 | 9:15:00 | 0 | 91.015 | 16.3 | 1239.7 |
| 1/6/2017 | 9:30:00 | 0 | 90.992 | 16.3 | 1240.9 |
| 1/6/2017 | 9:45:00 | 0 | 91.014 | 16.3 | 1239.7 |
| 1/6/2017 | 10:00:00 | 0 | 91.001 | 16.3 | 1237.4 |
| 1/6/2017 | 10:15:00 | 0 | 91.001 | 16.3 | 1237.4 |
| 1/6/2017 | 10:30:00 | 0 | 90.999 | 16.3 | 1237.4 |
| 1/6/2017 | 10:45:00 | 0 | 91.02 | 16.3 | 1236.2 |
| 1/6/2017 | 11:00:00 | 0 | 90.981 | 16.3 | 1240.9 |
| 1/6/2017 | 11:15:00 | 0 | 90.994 | 16.3 | 1240.9 |
| 1/6/2017 | 11:30:00 | 0 | 91.016 | 16.3 | 1237.4 |
| 1/6/2017 | 11:45:00 | 0 | 90.981 | 16.3 | 1237.4 |
| 1/6/2017 | 12:00:00 | 0 | 90.972 | 16.3 | 1239.7 |
| 1/6/2017 | 12:15:00 | 0 | 91.04 | 16.3 | 1239.7 |
| 1/6/2017 | 12:30:00 | 0 | 91 | 16.3 | 1240.9 |
| 1/6/2017 | 12:45:00 | 0 | 90.98 | 16.3 | 1239.7 |
| 1/6/2017 | 13:00:00 | 0 | 91.01 | 16.3 | 1238.6 |
| 1/6/2017 | 13:15:00 | 0 | 90.968 | 16.3 | 1239.7 |
| 1/6/2017 | 13:30:00 | 0 | 90.999 | 16.3 | 1237.4 |
| 1/6/2017 | 13:45:00 | 0 | 90.969 | 16.3 | 1239.7 |
| 1/6/2017 | 14:00:00 | 0 | 91.024 | 16.3 | 1238.6 |
| 1/6/2017 | 14:15:00 | 0 | 91.009 | 16.3 | 1237.4 |
| 1/6/2017 | 14:30:00 | 0 | 90.998 | 16.3 | 1238.6 |
| 1/6/2017 | 14:45:00 | 0 | 91.019 | 16.3 | 1239.7 |
| 1/6/2017 | 15:00:00 | 0 | 90.995 | 16.3 | 1238.6 |
| 1/6/2017 | 15:15:00 | 0 | 90.976 | 16.3 | 1237.4 |
| 1/6/2017 | 15:30:00 | 0 | 90.968 | 16.3 | 1239.7 |
| 1/6/2017 | 15:45:00 | 0 | 90.934 | 16.3 | 1240.9 |
| 1/6/2017 | 16:00:00 | 0 | 90.978 | 16.3 | 1238.6 |
| 1/6/2017 | 16:15:00 | 0 | 91.005 | 16.3 | 1239.7 |
| 1/6/2017 | 16:30:00 | 0 | 90.963 | 16.3 | 1239.7 |
| 1/6/2017 | 16:45:00 | 0 | 91.003 | 16.3 | 1239.7 |
| 1/6/2017 | 17:00:00 | 0 | 90.969 | 16.3 | 1239.7 |
| 1/6/2017 | 17:15:00 | 0 | 90.954 | 16.3 | 1238.6 |
| 1/6/2017 | 17:30:00 | 0 | 90.989 | 16.3 | 1243.3 |
| 1/6/2017 | 17:45:00 | 0 | 91.007 | 16.3 | 1238.6 |
| 1/6/2017 | 18:00:00 | 0 | 90.975 | 16.3 | 1240.9 |
| 1/6/2017 | 18:15:00 | 0 | 91.007 | 16.3 | 1238.6 |
| 1/6/2017 | 18:30:00 | 0 | 91.007 | 16.3 | 1237.4 |
| 1/6/2017 | 18:45:00 | 0 | 90.967 | 16.3 | 1236.2 |

| | | | | | |
|---|---|---|---|---|---|
| 1/6/2017 | 19:00:00 | 0 | 91.005 | 16.3 | 1239.7 |
| 1/6/2017 | 19:15:00 | 0 | 91.043 | 16.3 | 1235 |
| 1/6/2017 | 19:30:00 | 0 | 91.002 | 16.3 | 1239.7 |
| 1/6/2017 | 19:45:00 | 0 | 91.017 | 16.3 | 1238.6 |
| 1/6/2017 | 20:00:00 | 0 | 91.012 | 16.3 | 1239.7 |
| 1/6/2017 | 20:15:00 | 0 | 90.998 | 16.3 | 1237.4 |
| 1/6/2017 | 20:30:00 | 0 | 91.014 | 16.3 | 1238.6 |
| 1/6/2017 | 20:45:00 | 0 | 91.004 | 16.3 | 1242.1 |
| 1/6/2017 | 21:00:00 | 0 | 91.028 | 16.3 | 1240.9 |
| 1/6/2017 | 21:15:00 | 0 | 91.046 | 16.3 | 1238.6 |
| 1/6/2017 | 21:30:00 | 0 | 90.978 | 16.3 | 1238.6 |
| 1/6/2017 | 21:45:00 | 0 | 91.014 | 16.3 | 1239.7 |
| 1/6/2017 | 22:00:00 | 0 | 90.996 | 16.3 | 1238.6 |
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| 1/6/2017 | 22:30:00 | 0 | 90.989 | 16.3 | 1240.9 |
| 1/6/2017 | 22:45:00 | 0 | 91.026 | 16.3 | 1239.7 |
| 1/6/2017 | 23:00:00 | 0 | 91.028 | 16.3 | 1238.6 |
| 1/6/2017 | 23:15:00 | 0 | 90.986 | 16.3 | 1237.4 |
| 1/6/2017 | 23:30:00 | 0 | 91.053 | 16.3 | 1240.9 |
| 1/6/2017 | 23:45:00 | 0 | 91.014 | 16.3 | 1235 |
| 1/7/2017 | 0:00:00 | 0 | 90.987 | 16.3 | 1238.6 |
| 1/7/2017 | 0:15:00 | 0 | 91.046 | 16.3 | 1240.9 |
| 1/7/2017 | 0:30:00 | 0 | 91.011 | 16.3 | 1239.7 |
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| 1/7/2017 | 5:45:00 | 0 | 91.095 | 16.3 | 1238.6 |
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| 1/7/2017 | 6:30:00 | 0 | 91.097 | 16.3 | 1240.9 |

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| 1/7/2017 | 7:30:00 | 0 | 91.1 | 16.3 | 1239.7 |
| 1/7/2017 | 7:45:00 | 0 | 91.117 | 16.3 | 1239.7 |
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| 1/7/2017 | 8:15:00 | 0 | 91.142 | 16.3 | 1236.2 |
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| 1/7/2017 | 8:45:00 | 0 | 91.097 | 16.3 | 1238.6 |
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| 1/7/2017 | 9:30:00 | 0 | 91.126 | 16.3 | 1238.6 |
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| 1/7/2017 | 13:30:00 | 0 | 91.12 | 16.3 | 1239.7 |
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| 1/7/2017 | 14:00:00 | 0 | 91.061 | 16.3 | 1239.7 |
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| 1/7/2017 | 22:45:00 | 0 | 91.108 | 16.3 | 1239.7 |
| 1/7/2017 | 23:00:00 | 0 | 91.126 | 16.3 | 1237.4 |
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| 1/7/2017 | 23:30:00 | 0 | 91.111 | 16.3 | 1239.7 |
| 1/7/2017 | 23:45:00 | 0 | 91.129 | 16.3 | 1239.7 |
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| 1/8/2017 | 1:45:00 | 0 | 91.205 | 16.3 | 1239.7 |
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| 1/8/2017 | 2:15:00 | 0 | 91.166 | 16.3 | 1239.7 |
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| 1/8/2017 | 2:45:00 | 0 | 91.196 | 16.3 | 1238.6 |
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| 1/8/2017 | 3:15:00 | 0 | 91.183 | 16.3 | 1240.9 |
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| 1/8/2017 | 7:00:00 | 0 | 91.235 | 16.3 | 1242.1 |
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| 1/8/2017 | 7:30:00 | 0 | 91.255 | 16.3 | 1238.6 |
| 1/8/2017 | 7:45:00 | 0 | 91.266 | 16.3 | 1243.3 |
| 1/8/2017 | 8:00:00 | 0 | 91.231 | 16.3 | 1238.6 |
| 1/8/2017 | 8:15:00 | 0 | 91.264 | 16.3 | 1235 |
| 1/8/2017 | 8:30:00 | 0 | 91.258 | 16.3 | 1238.6 |
| 1/8/2017 | 8:45:00 | 0 | 91.244 | 16.3 | 1236.2 |
| 1/8/2017 | 9:00:00 | 0 | 91.262 | 16.3 | 1242.1 |
| 1/8/2017 | 9:15:00 | 0 | 91.233 | 16.3 | 1240.9 |
| 1/8/2017 | 9:30:00 | 0 | 91.209 | 16.3 | 1239.7 |
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| 1/8/2017 | 10:15:00 | 0 | 91.257 | 16.3 | 1236.2 |
| 1/8/2017 | 10:30:00 | 0 | 91.281 | 16.3 | 1237.4 |
| 1/8/2017 | 10:45:00 | 0 | 91.269 | 16.3 | 1237.4 |
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| 1/8/2017 | 11:30:00 | 0 | 91.255 | 16.3 | 1237.4 |
| 1/8/2017 | 11:45:00 | 0 | 91.263 | 16.3 | 1238.6 |
| 1/8/2017 | 12:00:00 | 0 | 91.261 | 16.3 | 1239.7 |
| 1/8/2017 | 12:15:00 | 0 | 91.319 | 16.3 | 1238.6 |
| 1/8/2017 | 12:30:00 | 0 | 91.328 | 16.3 | 1239.7 |
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| 1/8/2017 | 13:00:00 | 0 | 91.286 | 16.3 | 1237.4 |
| 1/8/2017 | 13:15:00 | 0 | 91.29 | 16.3 | 1240.9 |
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| 1/8/2017 | 15:15:00 | 0 | 91.256 | 16.3 | 1237.4 |
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| 1/8/2017 | 15:45:00 | 0 | 91.282 | 16.3 | 1240.9 |
| 1/8/2017 | 16:00:00 | 0 | 91.321 | 16.3 | 1240.9 |
| 1/8/2017 | 16:15:00 | 0 | 91.306 | 16.3 | 1239.7 |
| 1/8/2017 | 16:30:00 | 0 | 91.302 | 16.3 | 1237.4 |
| 1/8/2017 | 16:45:00 | 0 | 91.305 | 16.3 | 1239.7 |
| 1/8/2017 | 17:00:00 | 0 | 91.309 | 16.3 | 1240.9 |
| 1/8/2017 | 17:15:00 | 0 | 91.304 | 16.3 | 1238.6 |
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| 1/8/2017 | 17:45:00 | 0 | 91.299 | 16.3 | 1236.2 |

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|---|---|---|---|---|---|
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| 1/8/2017 | 19:15:00 | 0 | 91.279 | 16.3 | 1242.1 |
| 1/8/2017 | 19:30:00 | 0 | 91.295 | 16.3 | 1240.9 |
| 1/8/2017 | 19:45:00 | 0 | 91.288 | 16.3 | 1239.7 |
| 1/8/2017 | 20:00:00 | 0 | 91.325 | 16.3 | 1238.6 |
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| 1/8/2017 | 20:30:00 | 0 | 91.286 | 16.3 | 1240.9 |
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| 1/8/2017 | 21:00:00 | 0 | 91.275 | 16.3 | 1236.2 |
| 1/8/2017 | 21:15:00 | 0 | 91.293 | 16.3 | 1238.6 |
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| 1/8/2017 | 21:45:00 | 0 | 91.346 | 16.3 | 1240.9 |
| 1/8/2017 | 22:00:00 | 0 | 91.307 | 16.3 | 1238.6 |
| 1/8/2017 | 22:15:00 | 0 | 91.304 | 16.3 | 1238.6 |
| 1/8/2017 | 22:30:00 | 0 | 91.259 | 16.3 | 1239.7 |
| 1/8/2017 | 22:45:00 | 0 | 91.299 | 16.3 | 1237.4 |
| 1/8/2017 | 23:00:00 | 0 | 91.312 | 16.3 | 1239.7 |
| 1/8/2017 | 23:15:00 | 0 | 91.325 | 16.3 | 1236.2 |
| 1/8/2017 | 23:30:00 | 0 | 91.305 | 16.3 | 1236.2 |
| 1/8/2017 | 23:45:00 | 0 | 91.299 | 16.3 | 1239.7 |
| 1/9/2017 | 0:00:00 | 0 | 91.314 | 16.3 | 1237.4 |
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| 1/9/2017 | 1:00:00 | 0 | 91.293 | 16.3 | 1239.7 |
| 1/9/2017 | 1:15:00 | 0 | 91.304 | 16.3 | 1239.7 |
| 1/9/2017 | 1:30:00 | 0 | 91.335 | 16.3 | 1240.9 |
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| 1/9/2017 | 2:45:00 | 0 | 91.332 | 16.3 | 1240.9 |
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| 1/9/2017 | 3:45:00 | 0 | 91.368 | 16.3 | 1237.4 |
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| 1/9/2017 | 5:30:00 | 0 | 91.382 | 16.3 | 1238.6 |

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|---|---|---|---|---|---|
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| 1/9/2017 | 6:00:00 | 0 | 91.346 | 16.3 | 1240.9 |
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| 1/9/2017 | 6:45:00 | 0 | 91.373 | 16.3 | 1237.4 |
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| 1/9/2017 | 7:15:00 | 0 | 91.385 | 16.3 | 1239.7 |
| 1/9/2017 | 7:30:00 | 0 | 91.355 | 16.3 | 1237.4 |
| 1/9/2017 | 7:45:00 | 0 | 91.354 | 16.3 | 1240.9 |
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| 1/9/2017 | 8:15:00 | 0 | 91.372 | 16.3 | 1236.2 |
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| 1/9/2017 | 8:45:00 | 0 | 91.36 | 16.3 | 1237.4 |
| 1/9/2017 | 9:00:00 | 0 | 91.355 | 16.3 | 1242.1 |
| 1/9/2017 | 9:15:00 | 0 | 91.354 | 16.3 | 1237.4 |
| 1/9/2017 | 9:30:00 | 0 | 91.341 | 16.3 | 1239.7 |
| 1/9/2017 | 9:45:00 | 0 | 91.383 | 16.3 | 1237.4 |
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| 1/9/2017 | 12:15:00 | 0 | 91.381 | 16.3 | 1238.6 |
| 1/9/2017 | 12:30:00 | 0 | 91.371 | 16.3 | 1240.9 |
| 1/9/2017 | 12:45:00 | 0 | 91.349 | 16.3 | 1238.6 |
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| 1/9/2017 | 13:15:00 | 0 | 91.397 | 16.3 | 1239.7 |
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| 1/9/2017 | 13:45:00 | 0 | 91.401 | 16.3 | 1239.7 |
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| 1/9/2017 | 14:15:00 | 0 | 91.377 | 16.3 | 1237.4 |
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| 1/9/2017 | 15:15:00 | 0 | 91.347 | 16.3 | 1238.6 |
| 1/9/2017 | 15:30:00 | 0 | 91.36 | 16.3 | 1238.6 |
| 1/9/2017 | 15:45:00 | 0 | 91.358 | 16.3 | 1242.1 |
| 1/9/2017 | 16:00:00 | 0 | 91.366 | 16.3 | 1242.1 |
| 1/9/2017 | 16:15:00 | 0 | 91.358 | 16.3 | 1237.4 |
| 1/9/2017 | 16:30:00 | 0 | 91.31 | 16.3 | 1240.9 |
| 1/9/2017 | 16:45:00 | 0 | 91.37 | 16.3 | 1240.9 |
| 1/9/2017 | 17:00:00 | 0 | 91.327 | 16.3 | 1236.2 |
| 1/9/2017 | 17:15:00 | 0 | 91.35 | 16.3 | 1237.4 |

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| 1/9/2017 | 17:30:00 | 0 | 91.347 | 16.3 | 1239.7 |
| 1/9/2017 | 17:45:00 | 0 | 91.374 | 16.3 | 1239.7 |
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| 1/9/2017 | 18:15:00 | 0 | 91.397 | 16.3 | 1238.6 |
| 1/9/2017 | 18:30:00 | 0 | 91.367 | 16.3 | 1239.7 |
| 1/9/2017 | 18:45:00 | 0 | 91.387 | 16.3 | 1242.1 |
| 1/9/2017 | 19:00:00 | 0 | 91.347 | 16.3 | 1238.6 |
| 1/9/2017 | 19:15:00 | 0 | 91.331 | 16.3 | 1239.7 |
| 1/9/2017 | 19:30:00 | 0 | 91.369 | 16.3 | 1237.4 |
| 1/9/2017 | 19:45:00 | 0 | 91.367 | 16.3 | 1240.9 |
| 1/9/2017 | 20:00:00 | 0 | 91.358 | 16.3 | 1239.7 |
| 1/9/2017 | 20:15:00 | 0 | 91.375 | 16.3 | 1236.2 |
| 1/9/2017 | 20:30:00 | 0 | 91.377 | 16.3 | 1238.6 |
| 1/9/2017 | 20:45:00 | 0 | 91.381 | 16.3 | 1239.7 |
| 1/9/2017 | 21:00:00 | 0 | 91.3 | 16.3 | 1240.9 |
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| 1/9/2017 | 22:30:00 | 0 | 91.376 | 16.3 | 1237.4 |
| 1/9/2017 | 22:45:00 | 0 | 91.34 | 16.3 | 1242.1 |
| 1/9/2017 | 23:00:00 | 0 | 91.362 | 16.3 | 1240.9 |
| 1/9/2017 | 23:15:00 | 0 | 91.356 | 16.3 | 1238.6 |
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| 1/9/2017 | 23:45:00 | 0 | 91.355 | 16.3 | 1237.4 |
| 1/10/2017 | 0:00:00 | 0 | 91.373 | 16.3 | 1239.7 |
| 1/10/2017 | 0:15:00 | 0 | 91.351 | 16.3 | 1236.2 |
| 1/10/2017 | 0:30:00 | 0 | 91.331 | 16.3 | 1239.7 |
| 1/10/2017 | 0:45:00 | 0 | 91.386 | 16.3 | 1239.7 |
| 1/10/2017 | 1:00:00 | 0 | 91.348 | 16.3 | 1240.9 |
| 1/10/2017 | 1:15:00 | 0 | 91.406 | 16.3 | 1240.9 |
| 1/10/2017 | 1:30:00 | 0 | 91.39 | 16.3 | 1238.6 |
| 1/10/2017 | 1:45:00 | 0 | 91.37 | 16.3 | 1239.7 |
| 1/10/2017 | 2:00:00 | 0 | 91.366 | 16.3 | 1242.1 |
| 1/10/2017 | 2:15:00 | 0 | 91.434 | 16.3 | 1240.9 |
| 1/10/2017 | 2:30:00 | 0 | 91.385 | 16.3 | 1240.9 |
| 1/10/2017 | 2:45:00 | 0 | 91.395 | 16.3 | 1240.9 |
| 1/10/2017 | 3:00:00 | 0 | 91.42 | 16.3 | 1239.7 |
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| 1/10/2017 | 5:00:00 | 0 | 91.45 | 16.3 | 1236.2 |

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| 1/10/2017 | 5:30:00 | 0 | 91.457 | 16.3 | 1239.7 |
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| 1/10/2017 | 6:45:00 | 0 | 91.46 | 16.3 | 1243.3 |
| 1/10/2017 | 7:00:00 | 0 | 91.452 | 16.3 | 1239.7 |
| 1/10/2017 | 7:15:00 | 0 | 91.447 | 16.3 | 1242.1 |
| 1/10/2017 | 7:30:00 | 0 | 91.448 | 16.3 | 1237.4 |
| 1/10/2017 | 7:45:00 | 0 | 91.472 | 16.3 | 1243.3 |
| 1/10/2017 | 8:00:00 | 0 | 91.455 | 16.3 | 1239.7 |
| 1/10/2017 | 8:15:00 | 0 | 91.513 | 16.3 | 1243.3 |
| 1/10/2017 | 8:30:00 | 0 | 91.466 | 16.3 | 1238.6 |
| 1/10/2017 | 8:45:00 | 0 | 91.486 | 16.3 | 1239.7 |
| 1/10/2017 | 9:00:00 | 0 | 91.445 | 16.3 | 1242.1 |
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| 1/10/2017 | 12:00:00 | 0 | 91.512 | 16.3 | 1240.9 |
| 1/10/2017 | 12:15:00 | 0 | 91.528 | 16.3 | 1237.4 |
| 1/10/2017 | 12:30:00 | 0 | 91.517 | 16.3 | 1239.7 |
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| 1/10/2017 | 14:00:00 | 0 | 91.511 | 16.3 | 1240.9 |
| 1/10/2017 | 14:15:00 | 0 | 91.517 | 16.3 | 1238.6 |
| 1/10/2017 | 14:30:00 | 0 | 91.541 | 16.3 | 1239.7 |
| 1/10/2017 | 14:45:00 | 0 | 91.566 | 16.3 | 1239.7 |
| 1/10/2017 | 15:00:00 | 0 | 91.535 | 16.3 | 1238.6 |
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| 1/10/2017 | 19:30:00 | 0 | 91.549 | 16.3 | 1239.7 |
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| 1/10/2017 | 22:30:00 | 0 | 91.513 | 16.3 | 1238.6 |
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| 1/10/2017 | 23:15:00 | 0 | 91.503 | 16.3 | 1240.9 |
| 1/10/2017 | 23:30:00 | 0 | 91.525 | 16.3 | 1239.7 |
| 1/10/2017 | 23:45:00 | 0 | 91.585 | 16.3 | 1240.9 |
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| 1/11/2017 | 0:15:00 | 0 | 91.546 | 16.3 | 1238.6 |
| 1/11/2017 | 0:30:00 | 0 | 91.572 | 16.3 | 1239.7 |
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| 1/11/2017 | 1:00:00 | 0 | 91.53 | 16.3 | 1239.7 |
| 1/11/2017 | 1:15:00 | 0 | 91.565 | 16.3 | 1239.7 |
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| 1/11/2017 | 1:45:00 | 0 | 91.603 | 16.3 | 1238.6 |
| 1/11/2017 | 2:00:00 | 0 | 91.559 | 16.3 | 1237.4 |
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| 1/11/2017 | 3:00:00 | 0 | 91.553 | 16.3 | 1238.6 |
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| 1/11/2017 | 3:45:00 | 0 | 91.6 | 16.3 | 1240.9 |
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| 1/11/2017 | 6:00:00 | 0 | 91.601 | 16.3 | 1239.7 |
| 1/11/2017 | 6:15:00 | 0 | 91.634 | 16.3 | 1238.6 |
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| 1/11/2017 | 7:45:00 | 0 | 91.626 | 16.3 | 1243.3 |
| 1/11/2017 | 8:00:00 | 0 | 91.605 | 16.3 | 1239.7 |
| 1/11/2017 | 8:15:00 | 0 | 91.64 | 16.3 | 1239.7 |
| 1/11/2017 | 8:30:00 | 0 | 91.637 | 16.3 | 1240.9 |
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| 1/11/2017 | 9:15:00 | 0 | 91.616 | 16.3 | 1237.4 |
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| 1/11/2017 | 10:00:00 | 0 | 91.613 | 16.3 | 1239.7 |
| 1/11/2017 | 10:15:00 | 0 | 91.637 | 16.3 | 1240.9 |
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| 1/11/2017 | 11:15:00 | 0 | 91.632 | 16.3 | 1236.2 |
| 1/11/2017 | 11:30:00 | 0 | 91.611 | 16.3 | 1238.6 |
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| 1/11/2017 | 12:00:00 | 0 | 91.644 | 16.3 | 1237.4 |
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| 1/11/2017 | 14:00:00 | 0 | 91.649 | 16.3 | 1237.4 |
| 1/11/2017 | 14:15:00 | 0 | 91.611 | 16.3 | 1240.9 |
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| 1/11/2017 | 15:30:00 | 0 | 91.61 | 16.3 | 1242.1 |
| 1/11/2017 | 15:45:00 | 0 | 91.612 | 16.3 | 1242.1 |
| 1/11/2017 | 16:00:00 | 0 | 91.596 | 16.3 | 1242.1 |
| 1/11/2017 | 16:15:00 | 0 | 91.637 | 16.3 | 1237.4 |

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| 1/11/2017 | 16:30:00 | 0 | 91.611 | 16.3 | 1237.4 |
| 1/11/2017 | 16:45:00 | 0 | 91.629 | 16.3 | 1238.6 |
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| 1/11/2017 | 17:45:00 | 0 | 91.618 | 16.3 | 1239.7 |
| 1/11/2017 | 18:00:00 | 0 | 91.617 | 16.3 | 1239.7 |
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| 1/11/2017 | 19:30:00 | 0 | 91.635 | 16.3 | 1236.2 |
| 1/11/2017 | 19:45:00 | 0 | 91.593 | 16.3 | 1239.7 |
| 1/11/2017 | 20:00:00 | 0 | 91.615 | 16.3 | 1240.9 |
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| 1/11/2017 | 22:00:00 | 0 | 91.604 | 16.3 | 1243.3 |
| 1/11/2017 | 22:15:00 | 0 | 91.651 | 16.3 | 1240.9 |
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Serial_number:
1071264
Project ID:
MPWSP TSW Long Term Pumping
Location:
MPWSP MW-5S
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 80.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: µS/cm

| Date | Time | ms | LEVEL | TEMPERATURE | CONDUCTIVITY |
|---|---|---|---|---|---|
| 1/5/2017 | 0:00:00 | 0 | 27.432 | 16.1 | 2049.7 |
| 1/5/2017 | 0:15:00 | 0 | 27.391 | 16.1 | 2049.7 |
| 1/5/2017 | 0:30:00 | 0 | 27.428 | 16.1 | 2049.7 |
| 1/5/2017 | 0:45:00 | 0 | 27.458 | 16.1 | 2049.7 |
| 1/5/2017 | 1:00:00 | 0 | 27.419 | 16.1 | 2049.7 |
| 1/5/2017 | 1:15:00 | 0 | 27.445 | 16.1 | 2049.7 |
| 1/5/2017 | 1:30:00 | 0 | 27.412 | 16.1 | 2049.7 |
| 1/5/2017 | 1:45:00 | 0 | 27.434 | 16.1 | 2052.1 |
| 1/5/2017 | 2:00:00 | 0 | 27.43 | 16.1 | 2049.7 |
| 1/5/2017 | 2:15:00 | 0 | 27.424 | 16.1 | 2049.7 |
| 1/5/2017 | 2:30:00 | 0 | 27.43 | 16.1 | 2049.7 |
| 1/5/2017 | 2:45:00 | 0 | 27.448 | 16.1 | 2049.7 |
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| 1/5/2017 | 3:15:00 | 0 | 27.42 | 16.1 | 2049.7 |
| 1/5/2017 | 3:30:00 | 0 | 27.451 | 16.1 | 2049.7 |
| 1/5/2017 | 3:45:00 | 0 | 27.427 | 16.1 | 2049.7 |
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| 1/5/2017 | 4:15:00 | 0 | 27.467 | 16.1 | 2049.7 |
| 1/5/2017 | 4:30:00 | 0 | 27.445 | 16.1 | 2049.7 |
| 1/5/2017 | 4:45:00 | 0 | 27.431 | 16.1 | 2049.7 |
| 1/5/2017 | 5:00:00 | 0 | 27.407 | 16.1 | 2049.7 |
| 1/5/2017 | 5:15:00 | 0 | 27.452 | 16.1 | 2049.7 |
| 1/5/2017 | 5:30:00 | 0 | 27.43 | 16.1 | 2049.7 |
| 1/5/2017 | 5:45:00 | 0 | 27.474 | 16.1 | 2049.7 |
| 1/5/2017 | 6:00:00 | 0 | 27.422 | 16.1 | 2048.5 |
| 1/5/2017 | 6:15:00 | 0 | 27.434 | 16.1 | 2049.7 |
| 1/5/2017 | 6:30:00 | 0 | 27.451 | 16.1 | 2049.7 |
| 1/5/2017 | 6:45:00 | 0 | 27.445 | 16.1 | 2048.5 |
| 1/5/2017 | 7:00:00 | 0 | 27.443 | 16.1 | 2050.9 |
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| 1/5/2017 | 7:30:00 | 0 | 27.421 | 16.1 | 2049.7 |

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| 1/5/2017 | 7:45:00 | 0 | 27.442 | 16.1 | 2049.7 |
| 1/5/2017 | 8:00:00 | 0 | 27.438 | 16.1 | 2049.7 |
| 1/5/2017 | 8:15:00 | 0 | 27.443 | 16.1 | 2049.7 |
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| 1/5/2017 | 8:45:00 | 0 | 27.381 | 16.1 | 2049.7 |
| 1/5/2017 | 9:00:00 | 0 | 27.375 | 16.1 | 2049.7 |
| 1/5/2017 | 9:15:00 | 0 | 27.372 | 16.1 | 2049.7 |
| 1/5/2017 | 9:30:00 | 0 | 27.364 | 16.1 | 2049.7 |
| 1/5/2017 | 9:45:00 | 0 | 27.4 | 16.1 | 2049.7 |
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| 1/5/2017 | 10:15:00 | 0 | 27.401 | 16.1 | 2049.7 |
| 1/5/2017 | 10:30:00 | 0 | 27.423 | 16.1 | 2048.5 |
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| 1/5/2017 | 11:00:00 | 0 | 27.398 | 16.1 | 2045 |
| 1/5/2017 | 11:15:00 | 0 | 27.384 | 16.1 | 2048.5 |
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| 1/5/2017 | 11:45:00 | 0 | 27.38 | 16.1 | 2052.1 |
| 1/5/2017 | 12:00:00 | 0 | 27.417 | 16.1 | 2055.6 |
| 1/5/2017 | 12:15:00 | 0 | 27.423 | 16.1 | 2055.6 |
| 1/5/2017 | 12:30:00 | 0 | 27.425 | 16.1 | 2056.8 |
| 1/5/2017 | 12:45:00 | 0 | 27.425 | 16.1 | 2060.3 |
| 1/5/2017 | 13:00:00 | 0 | 27.453 | 16.1 | 2063.9 |
| 1/5/2017 | 13:15:00 | 0 | 27.434 | 16.1 | 2062.7 |
| 1/5/2017 | 13:30:00 | 0 | 27.421 | 16.1 | 2063.9 |
| 1/5/2017 | 13:45:00 | 0 | 27.417 | 16.1 | 2066.2 |
| 1/5/2017 | 14:00:00 | 0 | 27.43 | 16.1 | 2066.2 |
| 1/5/2017 | 14:15:00 | 0 | 27.41 | 16.1 | 2066.2 |
| 1/5/2017 | 14:30:00 | 0 | 27.434 | 16.1 | 2068.6 |
| 1/5/2017 | 14:45:00 | 0 | 27.413 | 16.1 | 2067.4 |
| 1/5/2017 | 15:00:00 | 0 | 27.396 | 16.1 | 2067.4 |
| 1/5/2017 | 15:15:00 | 0 | 27.421 | 16.1 | 2067.4 |
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| 1/5/2017 | 15:45:00 | 0 | 27.436 | 16.1 | 2063.9 |
| 1/5/2017 | 16:00:00 | 0 | 27.452 | 16.1 | 2063.9 |
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| 1/5/2017 | 18:45:00 | 0 | 27.383 | 16.1 | 2061.5 |
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| 1/5/2017 | 20:45:00 | 0 | 27.385 | 16.1 | 2060.3 |
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| 1/5/2017 | 23:00:00 | 0 | 27.408 | 16.1 | 2060.3 |
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| 1/6/2017 | 0:45:00 | 0 | 27.45 | 16.1 | 2061.5 |
| 1/6/2017 | 1:00:00 | 0 | 27.49 | 16.1 | 2060.3 |
| 1/6/2017 | 1:15:00 | 0 | 27.449 | 16.1 | 2060.3 |
| 1/6/2017 | 1:30:00 | 0 | 27.453 | 16.1 | 2058 |
| 1/6/2017 | 1:45:00 | 0 | 27.43 | 16.1 | 2058 |
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| 1/6/2017 | 3:00:00 | 0 | 27.428 | 16.1 | 2058 |
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| 1/6/2017 | 8:00:00 | 0 | 27.443 | 16.1 | 2058 |
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| 1/6/2017 | 8:45:00 | 0 | 27.382 | 16.1 | 2058 |
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| 1/6/2017 | 13:00:00 | 0 | 27.466 | 16.1 | 2056.8 |
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| 1/6/2017 | 14:15:00 | 0 | 27.467 | 16.1 | 2056.8 |
| 1/6/2017 | 14:30:00 | 0 | 27.455 | 16.1 | 2055.6 |
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| 1/6/2017 | 15:00:00 | 0 | 27.432 | 16.1 | 2056.8 |
| 1/6/2017 | 15:15:00 | 0 | 27.452 | 16.1 | 2055.6 |
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| 1/6/2017 | 16:00:00 | 0 | 27.435 | 16.1 | 2055.6 |
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| 1/6/2017 | 20:00:00 | 0 | 27.468 | 16.1 | 2055.6 |
| 1/6/2017 | 20:15:00 | 0 | 27.455 | 16.1 | 2055.6 |
| 1/6/2017 | 20:30:00 | 0 | 27.411 | 16.1 | 2055.6 |
| 1/6/2017 | 20:45:00 | 0 | 27.421 | 16.1 | 2055.6 |
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| 1/6/2017 | 21:15:00 | 0 | 27.424 | 16.1 | 2054.4 |
| 1/6/2017 | 21:30:00 | 0 | 27.474 | 16.1 | 2055.6 |
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| 1/6/2017 | 22:45:00 | 0 | 27.462 | 16.1 | 2055.6 |
| 1/6/2017 | 23:00:00 | 0 | 27.405 | 16.1 | 2055.6 |
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| 1/7/2017 | 3:30:00 | 0 | 27.486 | 16.1 | 2055.6 |
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| 1/7/2017 | 7:30:00 | 0 | 27.439 | 16.1 | 2054.4 |
| 1/7/2017 | 7:45:00 | 0 | 27.377 | 16.1 | 2055.6 |
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| 1/7/2017 | 14:45:00 | 0 | 27.402 | 16.1 | 2054.4 |
| 1/7/2017 | 15:00:00 | 0 | 27.415 | 16.1 | 2052.1 |
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| 1/7/2017 | 16:15:00 | 0 | 27.375 | 16.1 | 2054.4 |
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| 1/7/2017 | 18:45:00 | 0 | 27.408 | 16.1 | 2054.4 |
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| 1/7/2017 | 23:45:00 | 0 | 27.428 | 16.1 | 2052.1 |
| 1/8/2017 | 0:00:00 | 0 | 27.406 | 16.1 | 2054.4 |
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| 1/8/2017 | 1:00:00 | 0 | 27.449 | 16.1 | 2052.1 |
| 1/8/2017 | 1:15:00 | 0 | 27.402 | 16.1 | 2052.1 |
| 1/8/2017 | 1:30:00 | 0 | 27.409 | 16.1 | 2054.4 |
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| 1/8/2017 | 2:15:00 | 0 | 27.504 | 16.1 | 2052.1 |
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| 1/8/2017 | 2:45:00 | 0 | 27.416 | 16.1 | 2054.4 |
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| 1/8/2017 | 7:30:00 | 0 | 27.455 | 16.1 | 2052.1 |
| 1/8/2017 | 7:45:00 | 0 | 27.447 | 16.1 | 2052.1 |
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| 1/8/2017 | 8:30:00 | 0 | 27.42 | 16.1 | 2052.1 |
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| 1/9/2017 | 0:45:00 | 0 | 27.388 | 16.1 | 2050.9 |
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| 1/9/2017 | 1:30:00 | 0 | 27.417 | 16.1 | 2050.9 |
| 1/9/2017 | 1:45:00 | 0 | 27.435 | 16.1 | 2050.9 |
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| 1/9/2017 | 2:45:00 | 0 | 27.395 | 16.1 | 2050.9 |
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| 1/9/2017 | 7:15:00 | 0 | 27.408 | 16.1 | 2050.9 |
| 1/9/2017 | 7:30:00 | 0 | 27.359 | 16.1 | 2052.1 |
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| 1/9/2017 | 11:15:00 | 0 | 27.359 | 16.1 | 2052.1 |
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| 1/9/2017 | 15:30:00 | 0 | 27.384 | 16.1 | 2052.1 |
| 1/9/2017 | 15:45:00 | 0 | 27.401 | 16.1 | 2052.1 |
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| 1/9/2017 | 16:30:00 | 0 | 27.432 | 16.1 | 2052.1 |
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| 1/10/2017 | 3:30:00 | 0 | 27.417 | 16.1 | 2050.9 |
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| 1/10/2017 | 6:15:00 | 0 | 27.44 | 16.1 | 2050.9 |
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| 1/10/2017 | 6:45:00 | 0 | 27.425 | 16.1 | 2049.7 |
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| 1/10/2017 | 8:30:00 | 0 | 27.411 | 16.1 | 2050.9 |
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| 1/10/2017 | 12:00:00 | 0 | 27.417 | 16.1 | 2050.9 |
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| 1/10/2017 | 13:00:00 | 0 | 27.453 | 16.1 | 2049.7 |
| 1/10/2017 | 13:15:00 | 0 | 27.459 | 16.1 | 2052.1 |
| 1/10/2017 | 13:30:00 | 0 | 27.477 | 16.1 | 2050.9 |
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| 1/10/2017 | 23:30:00 | 0 | 27.411 | 16.1 | 2050.9 |
| 1/10/2017 | 23:45:00 | 0 | 27.373 | 16.1 | 2050.9 |
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| 1/11/2017 | 1:15:00 | 0 | 27.451 | 16.1 | 2049.7 |
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Serial_number:
1071327
Project ID:
MPWSP TSW Long Term Pumping
Location:
MPWSP MW-6D
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 0.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: µS/cm

| Date | Time | ms | LEVEL | TEMPERATURE | CONDUCTIVITY |
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| 1/5/2017 | 0:00:00 | 0 | 156.507 | 16 | 2487.4 |
| 1/5/2017 | 0:15:00 | 0 | 156.486 | 16 | 2488.6 |
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| 1/5/2017 | 1:15:00 | 0 | 156.343 | 16 | 2491 |
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| 1/7/2017 | 0:15:00 | 0 | 156.558 | 16 | 2488.6 |
| 1/7/2017 | 0:30:00 | 0 | 156.445 | 16 | 2487.4 |
| 1/7/2017 | 0:45:00 | 0 | 156.421 | 16 | 2487.4 |
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| 1/7/2017 | 3:45:00 | 0 | 156.479 | 16 | 2487.4 |
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| 1/7/2017 | 4:30:00 | 0 | 156.58 | 16 | 2485.1 |
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| 1/7/2017 | 5:45:00 | 0 | 156.47 | 16 | 2487.4 |
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| 1/7/2017 | 6:30:00 | 0 | 156.59 | 16 | 2487.4 |

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| 1/7/2017 | 7:00:00 | 0 | 156.625 | 16 | 2487.4 |
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| 1/7/2017 | 18:15:00 | 0 | 156.841 | 16 | 2485.1 |

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| 1/7/2017 | 18:45:00 | 0 | 156.817 | 16 | 2485.1 |
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| 1/7/2017 | 21:00:00 | 0 | 156.749 | 16 | 2488.6 |
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| 1/7/2017 | 22:15:00 | 0 | 156.633 | 16 | 2485.1 |
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| 1/8/2017 | 2:00:00 | 0 | 156.535 | 16 | 2483.9 |
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| 1/8/2017 | 2:30:00 | 0 | 156.612 | 16 | 2482.7 |
| 1/8/2017 | 2:45:00 | 0 | 156.668 | 16 | 2482.7 |
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| 1/8/2017 | 3:15:00 | 0 | 156.695 | 16 | 2482.7 |
| 1/8/2017 | 3:30:00 | 0 | 156.735 | 16 | 2483.9 |
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| 1/8/2017 | 9:15:00 | 0 | 157.001 | 16 | 2483.9 |
| 1/8/2017 | 9:30:00 | 0 | 157.035 | 16 | 2483.9 |
| 1/8/2017 | 9:45:00 | 0 | 157.055 | 16 | 2483.9 |
| 1/8/2017 | 10:00:00 | 0 | 157.068 | 16 | 2485.1 |
| 1/8/2017 | 10:15:00 | 0 | 157.064 | 16 | 2483.9 |
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| 1/8/2017 | 11:00:00 | 0 | 157.08 | 16 | 2485.1 |
| 1/8/2017 | 11:15:00 | 0 | 157.09 | 16 | 2483.9 |
| 1/8/2017 | 11:30:00 | 0 | 157.101 | 16 | 2483.9 |
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| 1/8/2017 | 12:15:00 | 0 | 157.126 | 16 | 2483.9 |
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| 1/8/2017 | 13:00:00 | 0 | 157.172 | 16 | 2485.1 |
| 1/8/2017 | 13:15:00 | 0 | 157.156 | 16 | 2485.1 |
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| 1/8/2017 | 14:00:00 | 0 | 157.227 | 16 | 2483.9 |
| 1/8/2017 | 14:15:00 | 0 | 157.193 | 16 | 2485.1 |
| 1/8/2017 | 14:30:00 | 0 | 157.188 | 16 | 2483.9 |
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| 1/8/2017 | 15:00:00 | 0 | 157.202 | 16 | 2483.9 |
| 1/8/2017 | 15:15:00 | 0 | 157.162 | 16 | 2483.9 |
| 1/8/2017 | 15:30:00 | 0 | 157.179 | 16 | 2485.1 |
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| 1/8/2017 | 16:00:00 | 0 | 157.167 | 16 | 2485.1 |
| 1/8/2017 | 16:15:00 | 0 | 157.212 | 16 | 2485.1 |
| 1/8/2017 | 16:30:00 | 0 | 157.207 | 16 | 2485.1 |
| 1/8/2017 | 16:45:00 | 0 | 157.19 | 16 | 2485.1 |
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| 1/8/2017 | 17:30:00 | 0 | 157.192 | 16 | 2485.1 |
| 1/8/2017 | 17:45:00 | 0 | 157.185 | 16 | 2485.1 |

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| 1/8/2017 | 20:45:00 | 0 | 157.03 | 16 | 2483.9 |
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| 1/8/2017 | 21:30:00 | 0 | 157.082 | 16 | 2483.9 |
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| 1/8/2017 | 22:15:00 | 0 | 157.111 | 16 | 2483.9 |
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| 1/8/2017 | 22:45:00 | 0 | 157.146 | 16 | 2483.9 |
| 1/8/2017 | 23:00:00 | 0 | 157.119 | 16 | 2483.9 |
| 1/8/2017 | 23:15:00 | 0 | 156.994 | 16 | 2483.9 |
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| 1/9/2017 | 5:00:00 | 0 | 156.656 | 16 | 2485.1 |
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| 1/9/2017 | 5:30:00 | 0 | 156.697 | 16 | 2485.1 |

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| 1/9/2017 | 7:00:00 | 0 | 156.87 | 16 | 2487.4 |
| 1/9/2017 | 7:15:00 | 0 | 156.877 | 16 | 2487.4 |
| 1/9/2017 | 7:30:00 | 0 | 156.926 | 16 | 2487.4 |
| 1/9/2017 | 7:45:00 | 0 | 156.925 | 16 | 2485.1 |
| 1/9/2017 | 8:00:00 | 0 | 156.934 | 16 | 2485.1 |
| 1/9/2017 | 8:15:00 | 0 | 156.962 | 16 | 2487.4 |
| 1/9/2017 | 8:30:00 | 0 | 156.951 | 16 | 2485.1 |
| 1/9/2017 | 8:45:00 | 0 | 156.951 | 16 | 2487.4 |
| 1/9/2017 | 9:00:00 | 0 | 157.024 | 16 | 2487.4 |
| 1/9/2017 | 9:15:00 | 0 | 156.984 | 16 | 2487.4 |
| 1/9/2017 | 9:30:00 | 0 | 156.951 | 16 | 2485.1 |
| 1/9/2017 | 9:45:00 | 0 | 156.973 | 16 | 2485.1 |
| 1/9/2017 | 10:00:00 | 0 | 157.007 | 16 | 2485.1 |
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| 1/9/2017 | 13:00:00 | 0 | 157.114 | 16 | 2483.9 |
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| 1/9/2017 | 13:30:00 | 0 | 157.105 | 16 | 2483.9 |
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| 1/9/2017 | 14:00:00 | 0 | 157.143 | 16 | 2483.9 |
| 1/9/2017 | 14:15:00 | 0 | 157.145 | 16 | 2485.1 |
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| 1/9/2017 | 14:45:00 | 0 | 157.18 | 16 | 2483.9 |
| 1/9/2017 | 15:00:00 | 0 | 157.173 | 16 | 2483.9 |
| 1/9/2017 | 15:15:00 | 0 | 157.134 | 16 | 2483.9 |
| 1/9/2017 | 15:30:00 | 0 | 157.187 | 16 | 2483.9 |
| 1/9/2017 | 15:45:00 | 0 | 157.185 | 16 | 2483.9 |
| 1/9/2017 | 16:00:00 | 0 | 157.213 | 16 | 2483.9 |
| 1/9/2017 | 16:15:00 | 0 | 157.205 | 16 | 2483.9 |
| 1/9/2017 | 16:30:00 | 0 | 157.196 | 16 | 2483.9 |
| 1/9/2017 | 16:45:00 | 0 | 157.177 | 16 | 2483.9 |
| 1/9/2017 | 17:00:00 | 0 | 157.154 | 16 | 2483.9 |
| 1/9/2017 | 17:15:00 | 0 | 157.176 | 16 | 2483.9 |

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| 1/9/2017 | 17:45:00 | 0 | 157.221 | 16 | 2482.7 |
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| 1/9/2017 | 18:15:00 | 0 | 157.204 | 16 | 2482.7 |
| 1/9/2017 | 18:30:00 | 0 | 157.214 | 16 | 2482.7 |
| 1/9/2017 | 18:45:00 | 0 | 157.194 | 16 | 2482.7 |
| 1/9/2017 | 19:00:00 | 0 | 157.213 | 16 | 2482.7 |
| 1/9/2017 | 19:15:00 | 0 | 157.177 | 16 | 2482.7 |
| 1/9/2017 | 19:30:00 | 0 | 157.196 | 16 | 2482.7 |
| 1/9/2017 | 19:45:00 | 0 | 157.194 | 16 | 2482.7 |
| 1/9/2017 | 20:00:00 | 0 | 157.205 | 16 | 2482.7 |
| 1/9/2017 | 20:15:00 | 0 | 157.182 | 16 | 2482.7 |
| 1/9/2017 | 20:30:00 | 0 | 157.184 | 16 | 2482.7 |
| 1/9/2017 | 20:45:00 | 0 | 157.208 | 16 | 2482.7 |
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| 1/9/2017 | 21:15:00 | 0 | 157.186 | 16 | 2483.9 |
| 1/9/2017 | 21:30:00 | 0 | 157.212 | 16 | 2482.7 |
| 1/9/2017 | 21:45:00 | 0 | 157.212 | 16 | 2482.7 |
| 1/9/2017 | 22:00:00 | 0 | 157.191 | 16 | 2483.9 |
| 1/9/2017 | 22:15:00 | 0 | 157.187 | 16 | 2482.7 |
| 1/9/2017 | 22:30:00 | 0 | 157.222 | 16 | 2482.7 |
| 1/9/2017 | 22:45:00 | 0 | 157.186 | 16 | 2482.7 |
| 1/9/2017 | 23:00:00 | 0 | 157.189 | 16 | 2482.7 |
| 1/9/2017 | 23:15:00 | 0 | 157.163 | 16 | 2483.9 |
| 1/9/2017 | 23:30:00 | 0 | 157.155 | 16 | 2483.9 |
| 1/9/2017 | 23:45:00 | 0 | 157.162 | 16 | 2483.9 |
| 1/10/2017 | 0:00:00 | 0 | 157.141 | 16 | 2483.9 |
| 1/10/2017 | 0:15:00 | 0 | 157.118 | 16 | 2482.7 |
| 1/10/2017 | 0:30:00 | 0 | 157.138 | 16 | 2482.7 |
| 1/10/2017 | 0:45:00 | 0 | 157.134 | 16 | 2482.7 |
| 1/10/2017 | 1:00:00 | 0 | 157.135 | 16 | 2481.5 |
| 1/10/2017 | 1:15:00 | 0 | 157.115 | 16 | 2482.7 |
| 1/10/2017 | 1:30:00 | 0 | 157.138 | 16 | 2482.7 |
| 1/10/2017 | 1:45:00 | 0 | 157.137 | 16 | 2482.7 |
| 1/10/2017 | 2:00:00 | 0 | 157.153 | 16 | 2482.7 |
| 1/10/2017 | 2:15:00 | 0 | 157.142 | 16 | 2482.7 |
| 1/10/2017 | 2:30:00 | 0 | 157.192 | 16 | 2482.7 |
| 1/10/2017 | 2:45:00 | 0 | 157.143 | 16 | 2482.7 |
| 1/10/2017 | 3:00:00 | 0 | 157.129 | 16 | 2482.7 |
| 1/10/2017 | 3:15:00 | 0 | 157.174 | 16 | 2482.7 |
| 1/10/2017 | 3:30:00 | 0 | 157.142 | 16 | 2483.9 |
| 1/10/2017 | 3:45:00 | 0 | 157.166 | 16 | 2483.9 |
| 1/10/2017 | 4:00:00 | 0 | 157.193 | 16 | 2483.9 |
| 1/10/2017 | 4:15:00 | 0 | 157.221 | 16 | 2483.9 |
| 1/10/2017 | 4:30:00 | 0 | 157.205 | 16 | 2483.9 |
| 1/10/2017 | 4:45:00 | 0 | 157.17 | 16 | 2483.9 |
| 1/10/2017 | 5:00:00 | 0 | 157.257 | 16 | 2485.1 |

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|---|---|---|---|---|---|
| 1/10/2017 | 5:15:00 | 0 | 157.206 | 16 | 2485.1 |
| 1/10/2017 | 5:30:00 | 0 | 157.245 | 16 | 2485.1 |
| 1/10/2017 | 5:45:00 | 0 | 157.245 | 16 | 2485.1 |
| 1/10/2017 | 6:00:00 | 0 | 157.285 | 16 | 2483.9 |
| 1/10/2017 | 6:15:00 | 0 | 157.244 | 16 | 2483.9 |
| 1/10/2017 | 6:30:00 | 0 | 157.222 | 16 | 2483.9 |
| 1/10/2017 | 6:45:00 | 0 | 157.248 | 16 | 2483.9 |
| 1/10/2017 | 7:00:00 | 0 | 157.22 | 16 | 2483.9 |
| 1/10/2017 | 7:15:00 | 0 | 157.274 | 16 | 2483.9 |
| 1/10/2017 | 7:30:00 | 0 | 157.295 | 16 | 2482.7 |
| 1/10/2017 | 7:45:00 | 0 | 157.318 | 16 | 2482.7 |
| 1/10/2017 | 8:00:00 | 0 | 157.262 | 16 | 2482.7 |
| 1/10/2017 | 8:15:00 | 0 | 157.32 | 16 | 2482.7 |
| 1/10/2017 | 8:30:00 | 0 | 157.253 | 16 | 2482.7 |
| 1/10/2017 | 8:45:00 | 0 | 157.273 | 16 | 2482.7 |
| 1/10/2017 | 9:00:00 | 0 | 157.252 | 16 | 2482.7 |
| 1/10/2017 | 9:15:00 | 0 | 157.228 | 16 | 2482.7 |
| 1/10/2017 | 9:30:00 | 0 | 157.108 | 16 | 2482.7 |
| 1/10/2017 | 9:45:00 | 0 | 157.08 | 16 | 2482.7 |
| 1/10/2017 | 10:00:00 | 0 | 157.095 | 16 | 2483.9 |
| 1/10/2017 | 10:15:00 | 0 | 157.106 | 16 | 2483.9 |
| 1/10/2017 | 10:30:00 | 0 | 157.07 | 16 | 2483.9 |
| 1/10/2017 | 10:45:00 | 0 | 157.116 | 16 | 2483.9 |
| 1/10/2017 | 11:00:00 | 0 | 157.114 | 16 | 2483.9 |
| 1/10/2017 | 11:15:00 | 0 | 157.117 | 16 | 2483.9 |
| 1/10/2017 | 11:30:00 | 0 | 157.156 | 16 | 2483.9 |
| 1/10/2017 | 11:45:00 | 0 | 157.187 | 16 | 2483.9 |
| 1/10/2017 | 12:00:00 | 0 | 157.162 | 16 | 2483.9 |
| 1/10/2017 | 12:15:00 | 0 | 157.237 | 16 | 2483.9 |
| 1/10/2017 | 12:30:00 | 0 | 157.206 | 16 | 2483.9 |
| 1/10/2017 | 12:45:00 | 0 | 157.24 | 16 | 2483.9 |
| 1/10/2017 | 13:00:00 | 0 | 157.296 | 16 | 2483.9 |
| 1/10/2017 | 13:15:00 | 0 | 157.263 | 16 | 2483.9 |
| 1/10/2017 | 13:30:00 | 0 | 157.241 | 16 | 2483.9 |
| 1/10/2017 | 13:45:00 | 0 | 157.287 | 16 | 2483.9 |
| 1/10/2017 | 14:00:00 | 0 | 157.299 | 16 | 2483.9 |
| 1/10/2017 | 14:15:00 | 0 | 157.324 | 16 | 2483.9 |
| 1/10/2017 | 14:30:00 | 0 | 157.328 | 16 | 2483.9 |
| 1/10/2017 | 14:45:00 | 0 | 157.333 | 16 | 2485.1 |
| 1/10/2017 | 15:00:00 | 0 | 157.323 | 16 | 2485.1 |
| 1/10/2017 | 15:15:00 | 0 | 157.333 | 16 | 2485.1 |
| 1/10/2017 | 15:30:00 | 0 | 157.335 | 16 | 2485.1 |
| 1/10/2017 | 15:45:00 | 0 | 157.355 | 16 | 2487.4 |
| 1/10/2017 | 16:00:00 | 0 | 157.399 | 16 | 2487.4 |
| 1/10/2017 | 16:15:00 | 0 | 157.392 | 16 | 2485.1 |
| 1/10/2017 | 16:30:00 | 0 | 157.372 | 16 | 2488.6 |
| 1/10/2017 | 16:45:00 | 0 | 157.366 | 16 | 2488.6 |

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|---|---|---|---|---|---|
| 1/10/2017 | 17:00:00 | 0 | 157.368 | 16 | 2488.6 |
| 1/10/2017 | 17:15:00 | 0 | 157.426 | 16 | 2488.6 |
| 1/10/2017 | 17:30:00 | 0 | 157.44 | 16 | 2489.8 |
| 1/10/2017 | 17:45:00 | 0 | 157.399 | 16 | 2489.8 |
| 1/10/2017 | 18:00:00 | 0 | 157.402 | 16 | 2489.8 |
| 1/10/2017 | 18:15:00 | 0 | 157.41 | 16 | 2485.1 |
| 1/10/2017 | 18:30:00 | 0 | 157.458 | 16 | 2488.6 |
| 1/10/2017 | 18:45:00 | 0 | 157.387 | 16 | 2488.6 |
| 1/10/2017 | 19:00:00 | 0 | 157.447 | 16 | 2487.4 |
| 1/10/2017 | 19:15:00 | 0 | 157.445 | 16 | 2487.4 |
| 1/10/2017 | 19:30:00 | 0 | 157.454 | 16 | 2485.1 |
| 1/10/2017 | 19:45:00 | 0 | 157.442 | 16 | 2485.1 |
| 1/10/2017 | 20:00:00 | 0 | 157.446 | 16 | 2485.1 |
| 1/10/2017 | 20:15:00 | 0 | 157.398 | 16 | 2485.1 |
| 1/10/2017 | 20:30:00 | 0 | 157.444 | 16 | 2485.1 |
| 1/10/2017 | 20:45:00 | 0 | 157.468 | 16 | 2487.4 |
| 1/10/2017 | 21:00:00 | 0 | 157.479 | 16 | 2485.1 |
| 1/10/2017 | 21:15:00 | 0 | 157.419 | 16 | 2485.1 |
| 1/10/2017 | 21:30:00 | 0 | 157.436 | 16 | 2487.4 |
| 1/10/2017 | 21:45:00 | 0 | 157.43 | 16 | 2487.4 |
| 1/10/2017 | 22:00:00 | 0 | 157.448 | 16 | 2485.1 |
| 1/10/2017 | 22:15:00 | 0 | 157.441 | 16 | 2487.4 |
| 1/10/2017 | 22:30:00 | 0 | 157.439 | 16 | 2485.1 |
| 1/10/2017 | 22:45:00 | 0 | 157.456 | 16 | 2485.1 |
| 1/10/2017 | 23:00:00 | 0 | 157.395 | 16 | 2487.4 |
| 1/10/2017 | 23:15:00 | 0 | 157.409 | 16 | 2485.1 |
| 1/10/2017 | 23:30:00 | 0 | 157.391 | 16 | 2485.1 |
| 1/10/2017 | 23:45:00 | 0 | 157.392 | 16 | 2485.1 |
| 1/11/2017 | 0:00:00 | 0 | 157.374 | 16 | 2483.9 |
| 1/11/2017 | 0:15:00 | 0 | 157.392 | 16 | 2485.1 |
| 1/11/2017 | 0:30:00 | 0 | 157.38 | 16 | 2482.7 |
| 1/11/2017 | 0:45:00 | 0 | 157.4 | 16 | 2483.9 |
| 1/11/2017 | 1:00:00 | 0 | 157.416 | 16 | 2483.9 |
| 1/11/2017 | 1:15:00 | 0 | 157.392 | 16 | 2483.9 |
| 1/11/2017 | 1:30:00 | 0 | 157.399 | 16 | 2482.7 |
| 1/11/2017 | 1:45:00 | 0 | 157.39 | 16 | 2482.7 |
| 1/11/2017 | 2:00:00 | 0 | 157.425 | 16 | 2482.7 |
| 1/11/2017 | 2:15:00 | 0 | 157.427 | 16 | 2482.7 |
| 1/11/2017 | 2:30:00 | 0 | 157.45 | 16 | 2482.7 |
| 1/11/2017 | 2:45:00 | 0 | 157.425 | 16 | 2482.7 |
| 1/11/2017 | 3:00:00 | 0 | 157.459 | 16 | 2482.7 |
| 1/11/2017 | 3:15:00 | 0 | 157.474 | 16 | 2481.5 |
| 1/11/2017 | 3:30:00 | 0 | 157.43 | 16 | 2482.7 |
| 1/11/2017 | 3:45:00 | 0 | 157.466 | 16 | 2481.5 |
| 1/11/2017 | 4:00:00 | 0 | 157.487 | 16 | 2481.5 |
| 1/11/2017 | 4:15:00 | 0 | 157.483 | 16 | 2482.7 |
| 1/11/2017 | 4:30:00 | 0 | 157.447 | 16 | 2482.7 |

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|---|---|---|---|---|---|
| 1/11/2017 | 4:45:00 | 0 | 157.492 | 16 | 2482.7 |
| 1/11/2017 | 5:00:00 | 0 | 157.495 | 16 | 2482.7 |
| 1/11/2017 | 5:15:00 | 0 | 157.515 | 16 | 2482.7 |
| 1/11/2017 | 5:30:00 | 0 | 157.475 | 16 | 2481.5 |
| 1/11/2017 | 5:45:00 | 0 | 157.477 | 16 | 2481.5 |
| 1/11/2017 | 6:00:00 | 0 | 157.526 | 16 | 2481.5 |
| 1/11/2017 | 6:15:00 | 0 | 157.5 | 16 | 2480.4 |
| 1/11/2017 | 6:30:00 | 0 | 157.511 | 16 | 2482.7 |
| 1/11/2017 | 6:45:00 | 0 | 157.47 | 16 | 2481.5 |
| 1/11/2017 | 7:00:00 | 0 | 157.526 | 16 | 2481.5 |
| 1/11/2017 | 7:15:00 | 0 | 157.545 | 16 | 2481.5 |
| 1/11/2017 | 7:30:00 | 0 | 157.498 | 16 | 2481.5 |
| 1/11/2017 | 7:45:00 | 0 | 157.512 | 16 | 2481.5 |
| 1/11/2017 | 8:00:00 | 0 | 157.53 | 16 | 2481.5 |
| 1/11/2017 | 8:15:00 | 0 | 157.447 | 16 | 2481.5 |
| 1/11/2017 | 8:30:00 | 0 | 157.483 | 16 | 2481.5 |
| 1/11/2017 | 8:45:00 | 0 | 157.397 | 16 | 2481.5 |
| 1/11/2017 | 9:00:00 | 0 | 157.368 | 16 | 2481.5 |
| 1/11/2017 | 9:15:00 | 0 | 157.344 | 16 | 2481.5 |
| 1/11/2017 | 9:30:00 | 0 | 157.377 | 16 | 2481.5 |
| 1/11/2017 | 9:45:00 | 0 | 157.407 | 16 | 2481.5 |
| 1/11/2017 | 10:00:00 | 0 | 157.361 | 16 | 2480.4 |
| 1/11/2017 | 10:15:00 | 0 | 157.405 | 16 | 2481.5 |
| 1/11/2017 | 10:30:00 | 0 | 157.357 | 16 | 2481.5 |
| 1/11/2017 | 10:45:00 | 0 | 157.408 | 16 | 2481.5 |
| 1/11/2017 | 11:00:00 | 0 | 157.393 | 16 | 2482.7 |
| 1/11/2017 | 11:15:00 | 0 | 157.4 | 16 | 2481.5 |
| 1/11/2017 | 11:30:00 | 0 | 157.399 | 16 | 2481.5 |
| 1/11/2017 | 11:45:00 | 0 | 157.4 | 16 | 2481.5 |
| 1/11/2017 | 12:00:00 | 0 | 157.412 | 16 | 2481.5 |
| 1/11/2017 | 12:15:00 | 0 | 157.433 | 16 | 2481.5 |
| 1/11/2017 | 12:30:00 | 0 | 157.461 | 16 | 2481.5 |
| 1/11/2017 | 12:45:00 | 0 | 157.426 | 16 | 2481.5 |
| 1/11/2017 | 13:00:00 | 0 | 157.429 | 16 | 2481.5 |
| 1/11/2017 | 13:15:00 | 0 | 157.473 | 16 | 2482.7 |
| 1/11/2017 | 13:30:00 | 0 | 157.441 | 16 | 2481.5 |
| 1/11/2017 | 13:45:00 | 0 | 157.475 | 16 | 2482.7 |
| 1/11/2017 | 14:00:00 | 0 | 157.476 | 16 | 2481.5 |
| 1/11/2017 | 14:15:00 | 0 | 157.516 | 16 | 2481.5 |
| 1/11/2017 | 14:30:00 | 0 | 157.481 | 16 | 2481.5 |
| 1/11/2017 | 14:45:00 | 0 | 157.517 | 16 | 2481.5 |
| 1/11/2017 | 15:00:00 | 0 | 157.451 | 16 | 2481.5 |
| 1/11/2017 | 15:15:00 | 0 | 157.491 | 16 | 2481.5 |
| 1/11/2017 | 15:30:00 | 0 | 157.535 | 16 | 2481.5 |
| 1/11/2017 | 15:45:00 | 0 | 157.537 | 16 | 2481.5 |
| 1/11/2017 | 16:00:00 | 0 | 157.541 | 16 | 2481.5 |
| 1/11/2017 | 16:15:00 | 0 | 157.542 | 16 | 2481.5 |

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|---|---|---|---|---|---|
| 1/11/2017 | 16:30:00 | 0 | 157.556 | 16 | 2481.5 |
| 1/11/2017 | 16:45:00 | 0 | 157.574 | 16 | 2481.5 |
| 1/11/2017 | 17:00:00 | 0 | 157.533 | 16 | 2481.5 |
| 1/11/2017 | 17:15:00 | 0 | 157.536 | 16 | 2481.5 |
| 1/11/2017 | 17:30:00 | 0 | 157.539 | 16 | 2481.5 |
| 1/11/2017 | 17:45:00 | 0 | 157.602 | 16 | 2481.5 |
| 1/11/2017 | 18:00:00 | 0 | 157.542 | 16 | 2481.5 |
| 1/11/2017 | 18:15:00 | 0 | 157.542 | 16 | 2481.5 |
| 1/11/2017 | 18:30:00 | 0 | 157.602 | 16 | 2481.5 |
| 1/11/2017 | 18:45:00 | 0 | 157.563 | 16 | 2481.5 |
| 1/11/2017 | 19:00:00 | 0 | 157.541 | 16 | 2481.5 |
| 1/11/2017 | 19:15:00 | 0 | 157.585 | 16 | 2481.5 |
| 1/11/2017 | 19:30:00 | 0 | 157.58 | 16 | 2481.5 |
| 1/11/2017 | 19:45:00 | 0 | 157.578 | 16 | 2480.4 |
| 1/11/2017 | 20:00:00 | 0 | 157.599 | 16 | 2481.5 |
| 1/11/2017 | 20:15:00 | 0 | 157.543 | 16 | 2480.4 |
| 1/11/2017 | 20:30:00 | 0 | 157.553 | 16 | 2480.4 |
| 1/11/2017 | 20:45:00 | 0 | 157.558 | 16 | 2480.4 |
| 1/11/2017 | 21:00:00 | 0 | 157.543 | 16 | 2480.4 |
| 1/11/2017 | 21:15:00 | 0 | 157.612 | 16 | 2480.4 |
| 1/11/2017 | 21:30:00 | 0 | 157.551 | 16 | 2480.4 |
| 1/11/2017 | 21:45:00 | 0 | 157.549 | 16 | 2478 |
| 1/11/2017 | 22:00:00 | 0 | 157.548 | 16 | 2480.4 |
| 1/11/2017 | 22:15:00 | 0 | 157.537 | 16 | 2480.4 |
| 1/11/2017 | 22:30:00 | 0 | 157.544 | 16 | 2480.4 |
| 1/11/2017 | 22:45:00 | 0 | 157.489 | 16 | 2480.4 |
| 1/11/2017 | 23:00:00 | 0 | 157.433 | 16 | 2480.4 |
| 1/11/2017 | 23:15:00 | 0 | 157.391 | 16 | 2480.4 |
| 1/11/2017 | 23:30:00 | 0 | 157.259 | 16 | 2478 |
| 1/11/2017 | 23:45:00 | 0 | 157.246 | 16 | 2480.4 |

Report Date: 1/16/2017 8:32:59 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-6M LT Test_2017-01-12_14-54-14-754-BaroMerge.wsl
Create Date: 1/16/2017 8:29:56 AM

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(%): 0
Used Battery(%): 0

Log Configuration
Log Name: MPWSP MW-6M LT Test
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 2/17/2016 5:06:04 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 2/17/2016 5:30:00 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: 0.999

Other Log Settings
Depth of Probe: 33.5174 (ft)
Head Pressure: 14.5162 (PSI)
Temperature: 19.5412 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 2/17/2016 5:06:11 PM | Used Battery: 0% Used Memory: 1% User Name: CShaw |
| 2/17/2016 5:50:59 PM | Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 5:45:00 PM |
| 2/17/2016 5:53:06 PM | Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 6:45:00 PM |
| 2/18/2016 10:20:27 AM | Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/18/2016 11:00:00 AM |
| 2/25/2016 9:31:30 AM | Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar |
| 3/3/2016 11:05:22 AM | Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 1/31/2016 10:30:00 PM Stop Time: 3/3/2016 11:30:00 AM |
| 3/10/2016 2:06:02 PM | Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM |
| 3/17/2016 3:14:55 PM | Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 4:00:00 PM |
| 3/24/2016 8:15:42 AM | Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:30:00 AM |
| 3/31/2016 2:13:33 PM | Log Download - Used Battery: 2% Used Memory: 6% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 3:00:00 PM |
| 4/7/2016 8:45:41 AM | Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:30:00 PM |
| 4/14/2016 8:24:00 AM | Log Download - Used Battery: 3% Used Memory: 7% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:00:00 AM |
| 4/21/2016 8:37:28 AM | Log Download - Used Battery: 4% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 8:30:00 AM |
| 4/28/2016 9:52:18 AM | Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:30:00 AM |
| 5/5/2016 7:43:20 AM | Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 8:05:00 AM |
| 5/12/2016 8:17:34 AM | Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 2:30:00 PM |
| 5/12/2016 8:20:59 AM | Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 8:15:00 AM |
| 5/19/2016 11:18:20 AM | Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 1:00:00 PM |
| 5/19/2016 11:22:24 AM | Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 11:45:00 AM |
| 5/26/2016 8:04:01 AM | Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:45:00 PM |
| 6/2/2016 9:56:39 AM | Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 4:15:00 PM |
| 6/9/2016 8:06:48 AM | Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 5:30:00 PM |
| 6/16/2016 9:25:57 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 10:15:00 AM |
| 6/16/2016 9:30:04 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 9:15:00 AM |
| 6/16/2016 9:32:36 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:15:00 AM |
| 6/23/2016 8:39:02 AM | Log Download - Used Battery: 7% Used Memory: 15% 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 10:10:06 AM | Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:15:00 AM |
| 7/8/2016 10:40:51 AM | Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM |
| 7/14/2016 4:49:05 PM | 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 5:45:00 PM |
| 7/21/2016 4:10:15 PM | Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:45:00 PM |
| 7/28/2016 4:57:55 PM | Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 5:30:00 PM |
| 8/4/2016 2:05:41 PM | Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 2:00:00 PM |
| 8/11/2016 9:44:02 AM | Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 5:00:00 PM |
| 8/18/2016 2:05:31 PM | Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:50:00 PM |
| 8/25/2016 11:10:51 AM | Log Download - Used Battery: 10% Used Memory: 23% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:15:00 PM |
| 9/1/2016 8:18:29 AM | Log Download - Used Battery: 10% Used Memory: 23% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 6:15:00 PM |
| 9/8/2016 4:12:00 PM | Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 4:45:00 PM |
| 9/15/2016 12:00:42 PM | Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 12:45:00 PM |
| 9/22/2016 10:14:34 AM | Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 10:00:00 PM |
| 10/1/2016 8:44:03 AM | Log Download - Used Battery: 12% Used Memory: 28% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 9:45:00 AM |
| 10/7/2016 3:34:18 PM | Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 3:45:00 PM |
| 10/13/2016 3:11:00 PM | Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 3:15:00 PM |
| 10/20/2016 2:24:50 PM | Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:15:00 PM |
| 10/27/2016 2:36:02 PM | Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 2:45:00 PM |
| 11/3/2016 2:09:57 PM | Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:00:00 PM |
| 11/10/2016 3:30:22 PM | Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 4:00:00 PM |
| 11/17/2016 1:31:08 PM | Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:30:00 PM |
| 11/24/2016 10:39:34 AM | Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:15:00 PM |
| 11/24/2016 10:41:37 AM | Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 10:30:00 AM |
| 11/24/2016 10:42:20 AM | Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 10:30:00 AM |
| 12/1/2016 3:33:59 PM | Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 3:45:00 PM |
| 12/8/2016 3:10:29 PM | Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 4:30:00 PM |
| 12/15/2016 2:27:42 PM | Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:45:00 PM |
| 12/21/2016 4:48:15 PM | Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 10/2/2016 5:00:00 PM |
| 12/21/2016 4:54:30 PM | Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/21/2016 5:00:00 PM |
| 12/22/2016 9:26:04 AM | Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 5:00:00 PM |
| 1/5/2017 9:07:44 AM | Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 4:30:00 PM |
| 1/12/2017 2:53:14 PM | Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:00:00 PM |
| 1/16/2017 8:29:56 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 740
Sensors: 2
1 - 440621: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| | Sensor: PCTD(A) 197.3ft | Sensor: PCTD(A) 197.3ft | Sensor: PCTD(A) 197.3ft | Sensor: PCTD(A) 197.3ft | Sensor: PCTD(A) 197.3ft | Sensor: PCTD(A) 197.3ft | Sensor: PCTD(A) 197.3ft | Sensor: PCTD(A) 197.3ft | Sensor: PCTD(A) 197.3ft | Sensor: Baro-Adj Calc |
|---|---|---|---|---|---|---|---|---|---|---|

SN#: 440621 SN#: 440621 SN#: 440621 SN#: 440621 SN#: 440621 SN#: 440621 SN#: 440621 SN#: 440621 SN#: 440621 SN#: 000000

| Date and Time | Elapsed Time Seconds | 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) | | | | | |
| 1/5/2017 12:00:00 AM | 7200.000 | 60.573 | 16.854 | 139.862 | 1133.411 | 1342.253 | 0.677 | 0.913 |
| 882.293 | 0.999 | 14.703 | | | | | | |
| 1/5/2017 12:15:00 AM | 8100.000 | 60.569 | 16.854 | 139.852 | 1132.623 | 1341.312 | 0.677 | 0.912 |
| 882.907 | 0.999 | 14.710 | | | | | | |
| 1/5/2017 12:30:00 AM | 9000.000 | 60.563 | 16.854 | 139.839 | 1131.879 | 1340.449 | 0.676 | 0.912 |
| 883.487 | 0.999 | 14.713 | | | | | | |
| 1/5/2017 12:45:00 AM | 9900.000 | 60.558 | 16.854 | 139.827 | 1130.815 | 1339.173 | 0.676 | 0.911 |
| 884.318 | 0.999 | 14.717 | | | | | | |
| 1/5/2017 1:00:00 AM | 10800.000 | 60.562 | 16.854 | 139.836 | 1128.221 | 1336.094 | 0.674 | 0.909 |
| 886.351 | 0.999 | 14.716 | | | | | | |
| 1/5/2017 1:15:00 AM | 11700.000 | 60.562 | 16.855 | 139.836 | 1128.325 | 1336.204 | 0.674 | 0.909 |
| 886.269 | 0.999 | 14.714 | | | | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 60.562 | 16.854 | 139.835 | 1126.447 | 1333.996 | 0.673 | 0.907 |
| 887.747 | 0.999 | 14.717 | | | | | | |
| 1/5/2017 1:45:00 AM | 13500.000 | 60.558 | 16.855 | 139.827 | 1124.889 | 1332.132 | 0.672 | 0.906 |
| 888.976 | 0.999 | 14.720 | | | | | | |
| 1/5/2017 2:00:00 AM | 14400.000 | 60.554 | 16.856 | 139.817 | 1124.161 | 1331.235 | 0.671 | 0.905 |
| 889.552 | 0.999 | 14.723 | | | | | | |
| 1/5/2017 2:15:00 AM | 15300.000 | 60.558 | 16.856 | 139.828 | 1123.146 | 1330.039 | 0.671 | 0.904 |
| 890.357 | 0.999 | 14.718 | | | | | | |
| 1/5/2017 2:30:00 AM | 16200.000 | 60.559 | 16.856 | 139.829 | 1123.987 | 1331.033 | 0.671 | 0.905 |
| 889.690 | 0.999 | 14.718 | | | | | | |
| 1/5/2017 2:45:00 AM | 17100.000 | 60.555 | 16.854 | 139.820 | 1124.956 | 1332.244 | 0.672 | 0.906 |
| 888.923 | 0.999 | 14.721 | | | | | | |
| 1/5/2017 3:00:00 AM | 18000.000 | 60.551 | 16.856 | 139.810 | 1125.683 | 1333.035 | 0.672 | 0.906 |
| 888.350 | 0.999 | 14.724 | | | | | | |
| 1/5/2017 3:15:00 AM | 18900.000 | 60.558 | 16.856 | 139.828 | 1124.304 | 1331.410 | 0.672 | 0.905 |
| 889.439 | 0.999 | 14.718 | | | | | | |
| 1/5/2017 3:30:00 AM | 19800.000 | 60.549 | 16.856 | 139.806 | 1125.390 | 1332.704 | 0.672 | 0.906 |
| 888.581 | 0.999 | 14.721 | | | | | | |
| 1/5/2017 3:45:00 AM | 20700.000 | 60.550 | 16.854 | 139.807 | 1125.661 | 1333.063 | 0.672 | 0.906 |
| 888.367 | 0.999 | 14.722 | | | | | | |
| 1/5/2017 4:00:00 AM | 21600.000 | 60.556 | 16.855 | 139.822 | 1126.005 | 1333.458 | 0.673 | 0.907 |
| 888.096 | 0.999 | 14.720 | | | | | | |
| 1/5/2017 4:15:00 AM | 22500.000 | 60.557 | 16.855 | 139.825 | 1127.029 | 1334.651 | 0.673 | 0.908 |
| 887.288 | 0.999 | 14.717 | | | | | | |
| 1/5/2017 4:30:00 AM | 23400.000 | 60.550 | 16.854 | 139.809 | 1126.646 | 1334.248 | 0.673 | 0.907 |
| 887.590 | 0.999 | 14.725 | | | | | | |
| 1/5/2017 4:45:00 AM | 24300.000 | 60.555 | 16.855 | 139.820 | 1127.244 | 1334.921 | 0.673 | 0.908 |
| 887.119 | 0.999 | 14.722 | | | | | | |
| 1/5/2017 5:00:00 AM | 25200.000 | 60.555 | 16.854 | 139.819 | 1128.139 | 1336.013 | 0.674 | 0.908 |
| 886.415 | 0.999 | 14.707 | | | | | | |
| 1/5/2017 5:15:00 AM | 26100.000 | 60.554 | 16.856 | 139.816 | 1128.691 | 1336.603 | 0.674 | 0.909 |
| 885.982 | 0.999 | 14.722 | | | | | | |
| 1/5/2017 5:30:00 AM | 27000.000 | 60.551 | 16.856 | 139.811 | 1126.488 | 1334.002 | 0.673 | 0.907 |
| 887.715 | 0.999 | 14.718 | | | | | | |
| 1/5/2017 5:45:00 AM | 27900.000 | 60.554 | 16.855 | 139.818 | 1125.639 | 1333.007 | 0.672 | 0.906 |
| 888.385 | 0.999 | 14.722 | | | | | | |
| 1/5/2017 6:00:00 AM | 28800.000 | 60.555 | 16.854 | 139.820 | 1124.987 | 1332.262 | 0.672 | 0.906 |
| 888.899 | 0.999 | 14.720 | | | | | | |
| 1/5/2017 6:15:00 AM | 29700.000 | 60.550 | 16.855 | 139.808 | 1124.989 | 1332.259 | 0.672 | 0.906 |
| 888.897 | 0.999 | 14.728 | | | | | | |
| 1/5/2017 6:30:00 AM | 30600.000 | 60.557 | 16.856 | 139.824 | 1125.296 | 1332.582 | 0.672 | 0.906 |
| 888.655 | 0.999 | 14.723 | | | | | | |
| 1/5/2017 6:45:00 AM | 31500.000 | 60.551 | 16.854 | 139.810 | 1124.449 | 1331.622 | 0.672 | 0.906 |
| 889.324 | 0.999 | 14.733 | | | | | | |
| 1/5/2017 7:00:00 AM | 32400.000 | 60.554 | 16.854 | 139.817 | 1125.380 | 1332.743 | 0.672 | 0.906 |
| 888.589 | 0.999 | 14.736 | | | | | | |
| 1/5/2017 7:15:00 AM | 33300.000 | 60.549 | 16.855 | 139.806 | 1126.435 | 1333.971 | 0.673 | 0.907 |
| 887.756 | 0.999 | 14.735 | | | | | | |
| 1/5/2017 7:30:00 AM | 34200.000 | 60.553 | 16.855 | 139.816 | 1128.614 | 1336.545 | 0.674 | 0.909 |
| 886.043 | 0.999 | 14.730 | | | | | | |
| 1/5/2017 7:45:00 AM | 35100.000 | 60.555 | 16.854 | 139.819 | 1128.537 | 1336.471 | 0.674 | 0.909 |
| 886.103 | 0.999 | 14.731 | | | | | | |
| 1/5/2017 8:00:00 AM | 36000.000 | 60.551 | 16.855 | 139.811 | 1127.069 | 1334.722 | 0.673 | 0.908 |
| 887.257 | 0.999 | 14.737 | | | | | | |
| 1/5/2017 8:15:00 AM | 36900.000 | 60.557 | 16.856 | 139.824 | 1128.684 | 1336.591 | 0.674 | 0.909 |
| 885.988 | 0.999 | 14.739 | | | | | | |
| 1/5/2017 8:30:00 AM | 37800.000 | 60.553 | 16.855 | 139.814 | 1127.977 | 1335.786 | 0.674 | 0.908 |
| 886.543 | 0.999 | 14.745 | | | | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 60.553 | 16.855 | 139.814 | 1127.830 | 1335.597 | 0.674 | 0.908 |
| 886.658 | 0.999 | 14.750 | | | | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 60.562 | 16.852 | 139.837 | 1132.508 | 1341.240 | 0.677 | 0.912 |
| 882.996 | 0.999 | 14.747 | | | | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 60.548 | 16.852 | 139.804 | 1129.301 | 1337.434 | 0.675 | 0.909 |
| 885.503 | 0.999 | 14.760 | | | | | | |
| 1/5/2017 9:30:00 AM | 41400.000 | 60.558 | 16.854 | 139.826 | 1129.825 | 1338.001 | 0.675 | 0.910 |
| 885.093 | 0.999 | 14.750 | | | | | | |
| 1/5/2017 9:45:00 AM | 42300.000 | 60.553 | 16.854 | 139.815 | 1128.415 | 1336.321 | 0.674 | 0.909 |
| 886.199 | 0.999 | 14.758 | | | | | | |
| 1/5/2017 10:00:00 AM | 43200.000 | 60.560 | 16.854 | 139.830 | 1127.268 | 1334.984 | 0.673 | 0.908 |
| 887.100 | 0.999 | 14.757 | | | | | | |
| 1/5/2017 10:15:00 AM | 44100.000 | 60.557 | 16.853 | 139.824 | 1129.485 | 1337.618 | 0.675 | 0.910 |
| 885.359 | 0.999 | 14.757 | | | | | | |
| 1/5/2017 10:30:00 AM | 45000.000 | 60.557 | 16.854 | 139.824 | 1129.895 | 1338.073 | 0.675 | 0.910 |
| 885.038 | 0.999 | 14.758 | | | | | | |
| 1/5/2017 10:45:00 AM | 45900.000 | 60.558 | 16.854 | 139.826 | 1126.434 | 1333.997 | 0.673 | 0.907 |
| 887.757 | 0.999 | 14.758 | | | | | | |
| 1/5/2017 11:00:00 AM | 46800.000 | 60.570 | 16.854 | 139.855 | 1127.614 | 1335.388 | 0.674 | 0.908 |
| 886.829 | 0.999 | 14.746 | | | | | | |
| 1/5/2017 11:15:00 AM | 47700.000 | 60.567 | 16.854 | 139.847 | 1127.255 | 1334.971 | 0.673 | 0.908 |
| 887.111 | 0.999 | 14.751 | | | | | | |
| 1/5/2017 11:30:00 AM | 48600.000 | 60.557 | 16.852 | 139.825 | 1127.943 | 1335.836 | 0.674 | 0.908 |
| 886.570 | 0.999 | 14.757 | | | | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 60.562 | 16.853 | 139.835 | 1128.203 | 1336.099 | 0.674 | 0.909 |
| 886.365 | 0.999 | 14.750 | | | | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 60.568 | 16.854 | 139.849 | 1127.722 | 1335.510 | 0.674 | 0.908 |
| 886.744 | 0.999 | 14.745 | | | | | | |
| 1/5/2017 12:15:00 PM | 51300.000 | 60.560 | 16.853 | 139.831 | 1131.058 | 1339.499 | 0.676 | 0.911 |
| 884.128 | 0.999 | 14.749 | | | | | | |
| 1/5/2017 12:30:00 PM | 52200.000 | 60.564 | 16.854 | 139.840 | 1130.728 | 1339.065 | 0.676 | 0.911 |
| 884.386 | 0.999 | 14.748 | | | | | | |
| 1/5/2017 12:45:00 PM | 53100.000 | 60.569 | 16.852 | 139.851 | 1131.180 | 1339.654 | 0.676 | 0.911 |
| 884.032 | 0.999 | 14.742 | | | | | | |
| 1/5/2017 1:00:00 PM | 54000.000 | 60.565 | 16.853 | 139.843 | 1131.025 | 1339.454 | 0.676 | 0.911 |
| 884.154 | 0.999 | 14.742 | | | | | | |
| 1/5/2017 1:15:00 PM | 54900.000 | 60.574 | 16.854 | 139.864 | 1130.522 | 1338.835 | 0.675 | 0.910 |
| 884.547 | 0.999 | 14.736 | | | | | | |
| 1/5/2017 1:30:00 PM | 55800.000 | 60.574 | 16.854 | 139.864 | 1132.372 | 1341.026 | 0.677 | 0.912 |
| 883.102 | 0.999 | 14.736 | | | | | | |
| 1/5/2017 1:45:00 PM | 56700.000 | 60.572 | 16.854 | 139.858 | 1132.628 | 1341.331 | 0.677 | 0.912 |
| 882.903 | 0.999 | 14.740 | | | | | | |
| 1/5/2017 2:00:00 PM | 57600.000 | 60.572 | 16.854 | 139.859 | 1132.093 | 1340.703 | 0.676 | 0.912 |
| 883.320 | 0.999 | 14.744 | | | | | | |
| 1/5/2017 2:15:00 PM | 58500.000 | 60.574 | 16.853 | 139.863 | 1131.174 | 1339.623 | 0.676 | 0.911 |
| 884.037 | 0.999 | 14.741 | | | | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 60.576 | 16.853 | 139.867 | 1134.325 | 1343.354 | 0.678 | 0.913 |
| 881.582 | 0.999 | 14.739 | | | | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 60.580 | 16.853 | 139.876 | 1132.800 | 1341.565 | 0.677 | 0.912 |
| 882.768 | 0.999 | 14.738 | | | | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 60.576 | 16.854 | 139.869 | 1134.909 | 1344.031 | 0.678 | 0.914 |
| 881.128 | 0.999 | 14.741 | | | | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 60.576 | 16.853 | 139.869 | 1132.121 | 1340.752 | 0.676 | 0.912 |
| 883.298 | 0.999 | 14.740 | | | | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 60.583 | 16.852 | 139.883 | 1128.751 | 1336.778 | 0.674 | 0.909 |
| 885.935 | 0.999 | 14.739 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 3:45:00 PM | 63900.000 | 60.580 | 16.854 | 139.877 | 1130.358 | 1338.635 | 0.675 | 0.910 |
| 884.676 | 0.999 | 14.740 | | | | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 60.577 | 16.853 | 139.870 | 1130.561 | 1338.915 | 0.675 | 0.910 |
| 884.517 | 0.999 | 14.741 | | | | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 60.579 | 16.853 | 139.875 | 1131.775 | 1340.353 | 0.676 | 0.911 |
| 883.568 | 0.999 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 60.579 | 16.853 | 139.875 | 1133.116 | 1341.931 | 0.677 | 0.913 |
| 882.522 | 0.999 | 14.745 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 60.574 | 16.852 | 139.863 | 1130.339 | 1338.666 | 0.675 | 0.910 |
| 884.690 | 0.999 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 60.577 | 16.851 | 139.870 | 1128.053 | 1335.987 | 0.674 | 0.908 |
| 886.483 | 0.999 | 14.749 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 60.578 | 16.853 | 139.872 | 1129.543 | 1337.707 | 0.675 | 0.910 |
| 885.314 | 0.999 | 14.751 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 60.575 | 16.852 | 139.865 | 1127.282 | 1335.043 | 0.673 | 0.908 |
| 887.089 | 0.999 | 14.753 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 60.585 | 16.853 | 139.889 | 1128.573 | 1336.540 | 0.674 | 0.909 |
| 886.075 | 0.999 | 14.751 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 60.588 | 16.854 | 139.895 | 1132.810 | 1341.549 | 0.677 | 0.912 |
| 882.761 | 0.999 | 14.745 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 60.579 | 16.853 | 139.876 | 1133.327 | 1342.175 | 0.677 | 0.913 |
| 882.358 | 0.999 | 14.755 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 60.586 | 16.853 | 139.891 | 1129.193 | 1337.288 | 0.675 | 0.909 |
| 885.588 | 0.999 | 14.748 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 60.581 | 16.853 | 139.880 | 1133.597 | 1342.487 | 0.677 | 0.913 |
| 882.148 | 0.999 | 14.761 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 60.583 | 16.852 | 139.884 | 1129.459 | 1337.616 | 0.675 | 0.910 |
| 885.380 | 0.999 | 14.759 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 60.584 | 16.853 | 139.887 | 1134.151 | 1343.151 | 0.678 | 0.913 |
| 881.717 | 0.999 | 14.757 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 60.582 | 16.854 | 139.881 | 1135.870 | 1345.171 | 0.679 | 0.915 |
| 880.382 | 0.999 | 14.760 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 60.591 | 16.852 | 139.902 | 1133.939 | 1342.924 | 0.678 | 0.913 |
| 881.882 | 0.999 | 14.756 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 60.592 | 16.852 | 139.905 | 1132.947 | 1341.771 | 0.677 | 0.912 |
| 882.654 | 0.999 | 14.758 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 60.585 | 16.852 | 139.890 | 1131.139 | 1339.613 | 0.676 | 0.911 |
| 884.065 | 0.999 | 14.763 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 60.586 | 16.853 | 139.892 | 1133.963 | 1342.934 | 0.678 | 0.913 |
| 881.863 | 0.999 | 14.759 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 60.588 | 16.853 | 139.895 | 1134.501 | 1343.573 | 0.678 | 0.914 |
| 881.445 | 0.999 | 14.763 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 60.585 | 16.853 | 139.888 | 1136.247 | 1345.639 | 0.679 | 0.915 |
| 880.090 | 0.999 | 14.769 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 60.588 | 16.852 | 139.895 | 1133.616 | 1342.550 | 0.677 | 0.913 |
| 882.133 | 0.999 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 60.592 | 16.852 | 139.905 | 1128.639 | 1336.668 | 0.674 | 0.909 |
| 886.023 | 0.999 | 14.767 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 60.586 | 16.853 | 139.891 | 1132.980 | 1341.761 | 0.677 | 0.912 |
| 882.628 | 0.999 | 14.778 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 60.590 | 16.854 | 139.900 | 1133.001 | 1341.768 | 0.677 | 0.912 |
| 882.612 | 0.999 | 14.773 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 60.589 | 16.853 | 139.899 | 1131.339 | 1339.818 | 0.676 | 0.911 |
| 883.909 | 0.999 | 14.775 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 60.595 | 16.853 | 139.912 | 1132.674 | 1341.413 | 0.677 | 0.912 |
| 882.866 | 0.999 | 14.768 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 60.595 | 16.854 | 139.913 | 1133.479 | 1342.344 | 0.677 | 0.913 |
| 882.240 | 0.999 | 14.764 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 60.586 | 16.853 | 139.890 | 1131.318 | 1339.814 | 0.676 | 0.911 |
| 883.925 | 0.999 | 14.773 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 60.600 | 16.852 | 139.924 | 1132.025 | 1340.655 | 0.676 | 0.912 |
| 883.373 | 0.999 | 14.764 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 60.590 | 16.854 | 139.900 | 1133.961 | 1342.916 | 0.678 | 0.913 |
| 881.864 | 0.999 | 14.770 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 60.590 | 16.854 | 139.900 | 1132.494 | 1341.161 | 0.677 | 0.912 |
| 883.007 | 0.999 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 60.591 | 16.854 | 139.902 | 1126.910 | 1334.560 | 0.673 | 0.908 |
| 887.383 | 0.999 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 60.590 | 16.855 | 139.901 | 1125.804 | 1333.215 | 0.672 | 0.907 |
| 888.254 | 0.999 | 14.770 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 60.585 | 16.854 | 139.890 | 1126.210 | 1333.718 | 0.673 | 0.907 |
| 887.934 | 0.999 | 14.772 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 60.586 | 16.854 | 139.892 | 1125.719 | 1333.126 | 0.672 | 0.907 |
| 888.321 | 0.999 | 14.768 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 60.585 | 16.853 | 139.889 | 1125.037 | 1332.355 | 0.672 | 0.906 |
| 888.860 | 0.999 | 14.772 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 60.586 | 16.854 | 139.890 | 1124.365 | 1331.547 | 0.672 | 0.905 |
| 889.391 | 0.999 | 14.769 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 60.577 | 16.854 | 139.871 | 1124.312 | 1331.467 | 0.672 | 0.905 |
| 889.433 | 0.999 | 14.772 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 60.585 | 16.853 | 139.890 | 1123.069 | 1330.029 | 0.671 | 0.904 |
| 890.418 | 0.999 | 14.770 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 60.586 | 16.854 | 139.892 | 1123.110 | 1330.044 | 0.671 | 0.904 |
| 890.385 | 0.999 | 14.765 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 60.582 | 16.855 | 139.881 | 1123.103 | 1330.007 | 0.671 | 0.904 |
| 890.390 | 0.999 | 14.771 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 60.583 | 16.855 | 139.884 | 1123.342 | 1330.300 | 0.671 | 0.905 |
| 890.201 | 0.999 | 14.765 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 60.575 | 16.855 | 139.867 | 1122.796 | 1329.659 | 0.671 | 0.904 |
| 890.634 | 0.999 | 14.776 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 60.577 | 16.855 | 139.870 | 1123.073 | 1329.965 | 0.671 | 0.904 |
| 890.414 | 0.999 | 14.769 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 60.578 | 16.854 | 139.873 | 1123.529 | 1330.562 | 0.671 | 0.905 |
| 890.052 | 0.999 | 14.767 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 60.579 | 16.854 | 139.875 | 1123.256 | 1330.230 | 0.671 | 0.905 |
| 890.269 | 0.999 | 14.769 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 60.572 | 16.855 | 139.859 | 1123.434 | 1330.401 | 0.671 | 0.905 |
| 890.128 | 0.999 | 14.774 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 60.576 | 16.854 | 139.868 | 1123.748 | 1330.799 | 0.671 | 0.905 |
| 889.879 | 0.999 | 14.769 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 60.578 | 16.854 | 139.873 | 1123.857 | 1330.939 | 0.671 | 0.905 |
| 889.793 | 0.999 | 14.763 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 60.582 | 16.855 | 139.882 | 1124.397 | 1331.550 | 0.672 | 0.905 |
| 889.365 | 0.999 | 14.765 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 60.581 | 16.853 | 139.881 | 1124.323 | 1331.514 | 0.672 | 0.905 |
| 889.424 | 0.999 | 14.763 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 60.584 | 16.853 | 139.887 | 1124.815 | 1332.095 | 0.672 | 0.906 |
| 889.035 | 0.999 | 14.759 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 60.576 | 16.853 | 139.867 | 1125.058 | 1332.374 | 0.672 | 0.906 |
| 888.843 | 0.999 | 14.768 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 60.582 | 16.854 | 139.881 | 1124.721 | 1331.949 | 0.672 | 0.906 |
| 889.110 | 0.999 | 14.769 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 60.577 | 16.853 | 139.870 | 1125.240 | 1332.603 | 0.672 | 0.906 |
| 888.700 | 0.999 | 14.771 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 60.583 | 16.853 | 139.883 | 1125.984 | 1333.482 | 0.673 | 0.907 |
| 888.112 | 0.999 | 14.767 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 60.579 | 16.854 | 139.875 | 1125.443 | 1332.820 | 0.672 | 0.906 |
| 888.539 | 0.999 | 14.770 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 60.584 | 16.853 | 139.886 | 1125.801 | 1333.265 | 0.672 | 0.907 |
| 888.257 | 0.999 | 14.767 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 60.587 | 16.854 | 139.894 | 1127.157 | 1334.836 | 0.673 | 0.908 |
| 887.188 | 0.999 | 14.766 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 60.583 | 16.853 | 139.883 | 1128.188 | 1336.094 | 0.674 | 0.909 |
| 886.377 | 0.999 | 14.773 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 60.591 | 16.853 | 139.902 | 1125.550 | 1332.971 | 0.672 | 0.906 |
| 888.454 | 0.999 | 14.771 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 60.586 | 16.853 | 139.891 | 1127.398 | 1335.148 | 0.673 | 0.908 |
| 886.998 | 0.999 | 14.774 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 60.585 | 16.853 | 139.890 | 1126.341 | 1333.920 | 0.673 | 0.907 |
| 887.831 | 0.999 | 14.778 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 60.593 | 16.853 | 139.907 | 1125.063 | 1332.399 | 0.672 | 0.906 |
| 888.839 | 0.999 | 14.774 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 60.594 | 16.854 | 139.910 | 1126.569 | 1334.153 | 0.673 | 0.907 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 887.651 | 0.999 | 14.777 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 60.593 | 16.853 | 139.907 | 1126.768 | 1334.418 | 0.673 | 0.907 |
| 887.494 | 0.999 | 14.780 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 60.590 | 16.854 | 139.900 | 1128.081 | 1335.945 | 0.674 | 0.908 |
| 886.461 | 0.999 | 14.786 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 60.598 | 16.852 | 139.920 | 1129.442 | 1337.616 | 0.675 | 0.910 |
| 885.393 | 0.999 | 14.783 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 60.591 | 16.853 | 139.903 | 1128.463 | 1336.433 | 0.674 | 0.909 |
| 886.161 | 0.999 | 14.782 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 60.590 | 16.853 | 139.900 | 1129.495 | 1337.651 | 0.675 | 0.910 |
| 885.351 | 0.999 | 14.784 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 60.581 | 16.852 | 139.879 | 1127.557 | 1335.374 | 0.674 | 0.908 |
| 886.873 | 0.999 | 14.790 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 60.585 | 16.853 | 139.888 | 1126.818 | 1334.477 | 0.673 | 0.907 |
| 887.455 | 0.999 | 14.785 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 60.584 | 16.853 | 139.886 | 1127.562 | 1335.353 | 0.674 | 0.908 |
| 886.869 | 0.999 | 14.784 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 60.586 | 16.854 | 139.891 | 1125.733 | 1333.164 | 0.672 | 0.907 |
| 888.310 | 0.999 | 14.780 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 60.595 | 16.854 | 139.912 | 1127.111 | 1334.803 | 0.673 | 0.908 |
| 887.224 | 0.999 | 14.774 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 60.591 | 16.853 | 139.903 | 1126.486 | 1334.085 | 0.673 | 0.907 |
| 887.716 | 0.999 | 14.778 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 60.584 | 16.853 | 139.887 | 1126.510 | 1334.101 | 0.673 | 0.907 |
| 887.698 | 0.999 | 14.780 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 60.593 | 16.854 | 139.907 | 1124.478 | 1331.656 | 0.672 | 0.906 |
| 889.301 | 0.999 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 60.610 | 16.854 | 139.947 | 1124.878 | 1332.153 | 0.672 | 0.906 |
| 888.986 | 0.999 | 14.769 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 60.595 | 16.854 | 139.912 | 1125.563 | 1332.962 | 0.672 | 0.906 |
| 888.444 | 0.999 | 14.767 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 60.596 | 16.852 | 139.914 | 1124.335 | 1331.555 | 0.672 | 0.905 |
| 889.415 | 0.999 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 60.598 | 16.852 | 139.918 | 1126.251 | 1333.825 | 0.673 | 0.907 |
| 887.901 | 0.999 | 14.762 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 60.591 | 16.852 | 139.902 | 1125.311 | 1332.722 | 0.672 | 0.906 |
| 888.643 | 0.999 | 14.763 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 60.602 | 16.852 | 139.929 | 1126.942 | 1334.635 | 0.673 | 0.908 |
| 887.357 | 0.999 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 60.601 | 16.851 | 139.926 | 1126.335 | 1333.956 | 0.673 | 0.907 |
| 887.835 | 0.999 | 14.757 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 60.602 | 16.852 | 139.927 | 1127.168 | 1334.928 | 0.673 | 0.908 |
| 887.180 | 0.999 | 14.750 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 60.602 | 16.854 | 139.929 | 1127.981 | 1335.820 | 0.674 | 0.908 |
| 886.540 | 0.999 | 14.752 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 60.605 | 16.853 | 139.934 | 1127.580 | 1335.367 | 0.674 | 0.908 |
| 886.855 | 0.999 | 14.744 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 60.608 | 16.852 | 139.942 | 1126.985 | 1334.707 | 0.673 | 0.908 |
| 887.323 | 0.999 | 14.737 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 60.614 | 16.852 | 139.955 | 1126.870 | 1334.563 | 0.673 | 0.908 |
| 887.414 | 0.999 | 14.732 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 60.601 | 16.853 | 139.925 | 1129.846 | 1338.045 | 0.675 | 0.910 |
| 885.076 | 0.999 | 14.739 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 60.605 | 16.852 | 139.935 | 1128.401 | 1336.373 | 0.674 | 0.909 |
| 886.210 | 0.999 | 14.736 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 60.594 | 16.852 | 139.910 | 1132.372 | 1341.090 | 0.677 | 0.912 |
| 883.102 | 0.999 | 14.739 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 60.588 | 16.850 | 139.895 | 1129.728 | 1337.995 | 0.675 | 0.910 |
| 885.169 | 0.999 | 14.744 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 60.589 | 16.853 | 139.899 | 1135.327 | 1344.549 | 0.678 | 0.914 |
| 880.803 | 0.999 | 14.748 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 60.587 | 16.853 | 139.894 | 1131.279 | 1339.768 | 0.676 | 0.911 |
| 883.955 | 0.999 | 14.745 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 60.590 | 16.853 | 139.900 | 1132.690 | 1341.431 | 0.677 | 0.912 |
| 882.854 | 0.999 | 14.741 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 60.588 | 16.854 | 139.896 | 1132.249 | 1340.883 | 0.676 | 0.912 |
| 883.198 | 0.999 | 14.744 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 60.590 | 16.852 | 139.900 | 1128.452 | 1336.425 | 0.674 | 0.909 |
| 886.170 | 0.999 | 14.748 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 60.585 | 16.853 | 139.889 | 1129.786 | 1337.993 | 0.675 | 0.910 |
| 885.123 | 0.999 | 14.749 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 60.597 | 16.852 | 139.916 | 1131.094 | 1339.554 | 0.676 | 0.911 |
| 884.100 | 0.999 | 14.738 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 60.593 | 16.854 | 139.907 | 1132.710 | 1341.429 | 0.677 | 0.912 |
| 882.839 | 0.999 | 14.749 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 60.597 | 16.854 | 139.915 | 1134.286 | 1343.293 | 0.678 | 0.913 |
| 881.612 | 0.999 | 14.744 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 60.597 | 16.853 | 139.916 | 1133.742 | 1342.680 | 0.677 | 0.913 |
| 882.035 | 0.999 | 14.742 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 60.598 | 16.854 | 139.920 | 1132.837 | 1341.577 | 0.677 | 0.912 |
| 882.739 | 0.999 | 14.747 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 60.594 | 16.853 | 139.909 | 1131.753 | 1340.319 | 0.676 | 0.911 |
| 883.585 | 0.999 | 14.748 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 60.597 | 16.853 | 139.917 | 1132.685 | 1341.407 | 0.677 | 0.912 |
| 882.858 | 0.999 | 14.751 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 60.605 | 16.851 | 139.936 | 1130.207 | 1338.558 | 0.675 | 0.910 |
| 884.793 | 0.999 | 14.749 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 60.595 | 16.851 | 139.911 | 1129.184 | 1337.330 | 0.675 | 0.909 |
| 885.595 | 0.999 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 60.601 | 16.852 | 139.926 | 1131.785 | 1340.394 | 0.676 | 0.911 |
| 883.560 | 0.999 | 14.755 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 60.603 | 16.852 | 139.930 | 1131.409 | 1339.949 | 0.676 | 0.911 |
| 883.854 | 0.999 | 14.753 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 60.605 | 16.852 | 139.935 | 1129.360 | 1337.504 | 0.675 | 0.910 |
| 885.457 | 0.999 | 14.756 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 60.610 | 16.851 | 139.946 | 1129.661 | 1337.890 | 0.675 | 0.910 |
| 885.221 | 0.999 | 14.749 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 60.609 | 16.852 | 139.945 | 1129.433 | 1337.593 | 0.675 | 0.910 |
| 885.400 | 0.999 | 14.754 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 60.606 | 16.853 | 139.938 | 1127.378 | 1335.141 | 0.673 | 0.908 |
| 887.014 | 0.999 | 14.749 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 60.615 | 16.853 | 139.958 | 1130.988 | 1339.416 | 0.676 | 0.911 |
| 884.183 | 0.999 | 14.744 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 60.610 | 16.851 | 139.946 | 1130.784 | 1339.227 | 0.676 | 0.911 |
| 884.342 | 0.999 | 14.748 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 60.619 | 16.852 | 139.967 | 1131.630 | 1340.194 | 0.676 | 0.911 |
| 883.681 | 0.999 | 14.743 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 60.615 | 16.852 | 139.958 | 1133.595 | 1342.520 | 0.677 | 0.913 |
| 882.149 | 0.999 | 14.746 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 60.617 | 16.853 | 139.962 | 1135.202 | 1344.403 | 0.678 | 0.914 |
| 880.901 | 0.999 | 14.744 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 60.622 | 16.852 | 139.975 | 1131.841 | 1340.461 | 0.676 | 0.912 |
| 883.516 | 0.999 | 14.747 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 60.618 | 16.852 | 139.966 | 1130.977 | 1339.442 | 0.676 | 0.911 |
| 884.192 | 0.999 | 14.755 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 60.619 | 16.853 | 139.968 | 1131.148 | 1339.610 | 0.676 | 0.911 |
| 884.058 | 0.999 | 14.756 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 60.613 | 16.853 | 139.953 | 1133.604 | 1342.511 | 0.677 | 0.913 |
| 882.143 | 0.999 | 14.763 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 60.616 | 16.852 | 139.961 | 1134.516 | 1343.631 | 0.678 | 0.914 |
| 881.433 | 0.999 | 14.759 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 60.623 | 16.852 | 139.976 | 1131.173 | 1339.649 | 0.676 | 0.911 |
| 884.038 | 0.999 | 14.755 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 60.624 | 16.851 | 139.979 | 1129.846 | 1338.112 | 0.675 | 0.910 |
| 885.076 | 0.999 | 14.750 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 60.615 | 16.851 | 139.958 | 1130.662 | 1339.072 | 0.676 | 0.911 |
| 884.438 | 0.999 | 14.753 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 60.621 | 16.852 | 139.972 | 1126.635 | 1334.279 | 0.673 | 0.907 |
| 887.599 | 0.999 | 14.739 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 60.625 | 16.853 | 139.981 | 1126.997 | 1334.671 | 0.673 | 0.908 |
| 887.314 | 0.999 | 14.736 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 60.622 | 16.853 | 139.975 | 1124.080 | 1331.224 | 0.671 | 0.905 |
| 889.617 | 0.999 | 14.732 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 1:00:00 AM | 183600.000 | 60.617 | 16.853 | 139.963 | 1124.290 | 1331.483 | 0.672 | 0.905 |
| 889.450 | 0.999 | 14.725 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 60.620 | 16.854 | 139.969 | 1123.678 | 1330.732 | 0.671 | 0.905 |
| 889.935 | 0.999 | 14.718 | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 60.622 | 16.853 | 139.974 | 1123.310 | 1330.318 | 0.671 | 0.905 |
| 890.226 | 0.999 | 14.716 | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 60.628 | 16.854 | 139.989 | 1122.991 | 1329.916 | 0.671 | 0.904 |
| 890.479 | 0.999 | 14.717 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 60.615 | 16.854 | 139.959 | 1122.801 | 1329.683 | 0.671 | 0.904 |
| 890.630 | 0.999 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 60.619 | 16.853 | 139.968 | 1122.493 | 1329.342 | 0.670 | 0.904 |
| 890.874 | 0.999 | 14.715 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 60.621 | 16.853 | 139.971 | 1121.798 | 1328.517 | 0.670 | 0.903 |
| 891.426 | 0.999 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 60.619 | 16.853 | 139.968 | 1121.712 | 1328.417 | 0.670 | 0.903 |
| 891.495 | 0.999 | 14.713 | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 60.624 | 16.854 | 139.978 | 1121.771 | 1328.472 | 0.670 | 0.903 |
| 891.447 | 0.999 | 14.709 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 60.618 | 16.853 | 139.966 | 1121.937 | 1328.679 | 0.670 | 0.904 |
| 891.315 | 0.999 | 14.708 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 60.624 | 16.853 | 139.978 | 1122.880 | 1329.797 | 0.671 | 0.904 |
| 890.567 | 0.999 | 14.700 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 60.623 | 16.853 | 139.977 | 1123.231 | 1330.216 | 0.671 | 0.905 |
| 890.289 | 0.999 | 14.699 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 60.625 | 16.853 | 139.982 | 1122.574 | 1329.454 | 0.670 | 0.904 |
| 890.810 | 0.999 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 60.625 | 16.854 | 139.980 | 1123.333 | 1330.326 | 0.671 | 0.905 |
| 890.208 | 0.999 | 14.697 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 60.627 | 16.854 | 139.986 | 1122.719 | 1329.600 | 0.671 | 0.904 |
| 890.695 | 0.999 | 14.694 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 60.631 | 16.853 | 139.995 | 1122.591 | 1329.461 | 0.670 | 0.904 |
| 890.797 | 0.999 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 60.627 | 16.853 | 139.987 | 1122.559 | 1329.420 | 0.670 | 0.904 |
| 890.822 | 0.999 | 14.692 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 60.633 | 16.853 | 139.999 | 1122.860 | 1329.797 | 0.671 | 0.904 |
| 890.583 | 0.999 | 14.689 | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 60.625 | 16.853 | 139.981 | 1122.934 | 1329.886 | 0.671 | 0.904 |
| 890.524 | 0.999 | 14.697 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 60.633 | 16.854 | 139.999 | 1122.816 | 1329.709 | 0.671 | 0.904 |
| 890.618 | 0.999 | 14.698 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 60.632 | 16.853 | 139.999 | 1124.120 | 1331.269 | 0.671 | 0.905 |
| 889.585 | 0.999 | 14.700 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 60.633 | 16.854 | 139.999 | 1124.347 | 1331.527 | 0.672 | 0.905 |
| 889.405 | 0.999 | 14.698 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 60.639 | 16.854 | 140.013 | 1123.875 | 1330.960 | 0.671 | 0.905 |
| 889.779 | 0.999 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 60.643 | 16.852 | 140.023 | 1124.288 | 1331.492 | 0.672 | 0.905 |
| 889.452 | 0.999 | 14.695 | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 60.639 | 16.851 | 140.015 | 1123.073 | 1330.098 | 0.671 | 0.904 |
| 890.414 | 0.999 | 14.697 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 60.640 | 16.852 | 140.015 | 1122.858 | 1329.798 | 0.671 | 0.904 |
| 890.585 | 0.999 | 14.699 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 60.635 | 16.852 | 140.004 | 1123.453 | 1330.503 | 0.671 | 0.905 |
| 890.113 | 0.999 | 14.702 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 60.640 | 16.852 | 140.017 | 1123.559 | 1330.629 | 0.671 | 0.905 |
| 890.029 | 0.999 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 60.646 | 16.854 | 140.029 | 1122.790 | 1329.686 | 0.671 | 0.904 |
| 890.639 | 0.999 | 14.700 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 60.640 | 16.852 | 140.015 | 1124.630 | 1331.905 | 0.672 | 0.906 |
| 889.181 | 0.999 | 14.714 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 60.637 | 16.853 | 140.009 | 1124.435 | 1331.658 | 0.672 | 0.906 |
| 889.336 | 0.999 | 14.712 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 60.639 | 16.853 | 140.015 | 1124.812 | 1332.107 | 0.672 | 0.906 |
| 889.037 | 0.999 | 14.716 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 60.643 | 16.851 | 140.024 | 1125.232 | 1332.668 | 0.672 | 0.906 |
| 888.706 | 0.999 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 60.654 | 16.853 | 140.047 | 1127.886 | 1335.750 | 0.674 | 0.908 |
| 886.615 | 0.999 | 14.718 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 60.642 | 16.851 | 140.021 | 1125.000 | 1332.380 | 0.672 | 0.906 |
| 888.889 | 0.999 | 14.728 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 60.646 | 16.852 | 140.030 | 1124.774 | 1332.078 | 0.672 | 0.906 |
| 889.068 | 0.999 | 14.726 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 60.643 | 16.851 | 140.023 | 1127.407 | 1335.235 | 0.674 | 0.908 |
| 886.991 | 0.999 | 14.732 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 60.656 | 16.851 | 140.052 | 1126.107 | 1333.688 | 0.673 | 0.907 |
| 888.015 | 0.999 | 14.742 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 60.641 | 16.852 | 140.018 | 1126.964 | 1334.668 | 0.673 | 0.908 |
| 887.340 | 0.999 | 14.738 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 60.654 | 16.851 | 140.047 | 1128.157 | 1336.126 | 0.674 | 0.909 |
| 886.402 | 0.999 | 14.732 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 60.647 | 16.852 | 140.032 | 1130.785 | 1339.204 | 0.676 | 0.911 |
| 884.342 | 0.999 | 14.737 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 60.656 | 16.853 | 140.052 | 1129.680 | 1337.867 | 0.675 | 0.910 |
| 885.207 | 0.999 | 14.730 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 60.655 | 16.852 | 140.051 | 1128.278 | 1336.241 | 0.674 | 0.909 |
| 886.306 | 0.999 | 14.732 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 60.654 | 16.851 | 140.049 | 1126.793 | 1334.498 | 0.673 | 0.907 |
| 887.474 | 0.999 | 14.727 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 60.661 | 16.851 | 140.063 | 1127.023 | 1334.763 | 0.673 | 0.908 |
| 887.293 | 0.999 | 14.721 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 60.656 | 16.851 | 140.052 | 1126.986 | 1334.729 | 0.673 | 0.908 |
| 887.323 | 0.999 | 14.720 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 60.657 | 16.853 | 140.055 | 1126.401 | 1333.986 | 0.673 | 0.907 |
| 887.784 | 0.999 | 14.723 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 60.668 | 16.852 | 140.081 | 1127.798 | 1335.675 | 0.674 | 0.908 |
| 886.684 | 0.999 | 14.716 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 60.661 | 16.849 | 140.065 | 1127.723 | 1335.650 | 0.674 | 0.908 |
| 886.743 | 0.999 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 60.666 | 16.852 | 140.077 | 1128.265 | 1336.230 | 0.674 | 0.909 |
| 886.317 | 0.999 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 60.669 | 16.851 | 140.082 | 1126.734 | 1334.421 | 0.673 | 0.907 |
| 887.521 | 0.999 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 60.670 | 16.852 | 140.085 | 1127.466 | 1335.274 | 0.674 | 0.908 |
| 886.945 | 0.999 | 14.714 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 60.663 | 16.851 | 140.068 | 1128.480 | 1336.496 | 0.674 | 0.909 |
| 886.148 | 0.999 | 14.723 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 60.670 | 16.852 | 140.086 | 1127.367 | 1335.159 | 0.673 | 0.908 |
| 887.023 | 0.999 | 14.721 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 60.677 | 16.851 | 140.101 | 1132.292 | 1341.003 | 0.677 | 0.912 |
| 883.164 | 0.999 | 14.715 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 60.671 | 16.852 | 140.087 | 1129.395 | 1337.564 | 0.675 | 0.910 |
| 885.430 | 0.999 | 14.724 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 60.678 | 16.851 | 140.103 | 1129.519 | 1337.734 | 0.675 | 0.910 |
| 885.333 | 0.999 | 14.718 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 60.670 | 16.852 | 140.084 | 1129.410 | 1337.586 | 0.675 | 0.910 |
| 885.418 | 0.999 | 14.732 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 60.670 | 16.852 | 140.086 | 1132.221 | 1340.908 | 0.677 | 0.912 |
| 883.220 | 0.999 | 14.728 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 60.672 | 16.850 | 140.091 | 1128.157 | 1336.142 | 0.674 | 0.909 |
| 886.402 | 0.999 | 14.731 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 60.671 | 16.851 | 140.087 | 1126.976 | 1334.730 | 0.673 | 0.908 |
| 887.331 | 0.999 | 14.735 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 60.669 | 16.851 | 140.083 | 1128.475 | 1336.501 | 0.674 | 0.909 |
| 886.152 | 0.999 | 14.736 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 60.667 | 16.852 | 140.079 | 1127.865 | 1335.749 | 0.674 | 0.908 |
| 886.631 | 0.999 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 60.670 | 16.851 | 140.086 | 1126.306 | 1333.924 | 0.673 | 0.907 |
| 887.858 | 0.999 | 14.738 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 60.675 | 16.852 | 140.096 | 1124.788 | 1332.100 | 0.672 | 0.906 |
| 889.056 | 0.999 | 14.731 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 60.667 | 16.852 | 140.079 | 1125.802 | 1333.298 | 0.672 | 0.907 |
| 888.256 | 0.999 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 60.672 | 16.851 | 140.090 | 1123.622 | 1330.759 | 0.671 | 0.905 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 889.979 | 0.999 | 14.738 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 60.671 | 16.852 | 140.089 | 1126.360 | 1333.956 | 0.673 | 0.907 |
| 887.816 | 0.999 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 60.668 | 16.851 | 140.081 | 1126.937 | 1334.661 | 0.673 | 0.908 |
| 887.361 | 0.999 | 14.734 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 60.673 | 16.851 | 140.091 | 1125.804 | 1333.329 | 0.673 | 0.907 |
| 888.254 | 0.999 | 14.728 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 60.670 | 16.852 | 140.085 | 1123.634 | 1330.723 | 0.671 | 0.905 |
| 889.969 | 0.999 | 14.735 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 60.669 | 16.853 | 140.082 | 1125.933 | 1333.437 | 0.673 | 0.907 |
| 888.152 | 0.999 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 60.674 | 16.852 | 140.093 | 1123.659 | 1330.773 | 0.671 | 0.905 |
| 889.950 | 0.999 | 14.743 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 60.676 | 16.851 | 140.098 | 1125.374 | 1332.831 | 0.672 | 0.906 |
| 888.594 | 0.999 | 14.741 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 60.672 | 16.852 | 140.090 | 1125.703 | 1333.188 | 0.672 | 0.907 |
| 888.334 | 0.999 | 14.750 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 60.678 | 16.852 | 140.103 | 1126.892 | 1334.599 | 0.673 | 0.908 |
| 887.397 | 0.999 | 14.753 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 60.682 | 16.852 | 140.114 | 1127.151 | 1334.909 | 0.673 | 0.908 |
| 887.193 | 0.999 | 14.761 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 60.679 | 16.850 | 140.105 | 1125.122 | 1332.551 | 0.672 | 0.906 |
| 888.792 | 0.999 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 60.681 | 16.851 | 140.109 | 1125.466 | 1332.940 | 0.672 | 0.906 |
| 888.521 | 0.999 | 14.756 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 60.675 | 16.851 | 140.098 | 1124.341 | 1331.589 | 0.672 | 0.905 |
| 889.410 | 0.999 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 60.677 | 16.852 | 140.102 | 1126.776 | 1334.468 | 0.673 | 0.907 |
| 887.488 | 0.999 | 14.762 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 60.681 | 16.853 | 140.111 | 1124.313 | 1331.516 | 0.672 | 0.905 |
| 889.432 | 0.999 | 14.764 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 60.684 | 16.853 | 140.118 | 1126.235 | 1333.795 | 0.673 | 0.907 |
| 887.914 | 0.999 | 14.760 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 60.675 | 16.852 | 140.098 | 1125.801 | 1333.312 | 0.673 | 0.907 |
| 888.257 | 0.999 | 14.754 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 60.672 | 16.852 | 140.089 | 1124.615 | 1331.900 | 0.672 | 0.906 |
| 889.193 | 0.999 | 14.763 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 60.684 | 16.851 | 140.118 | 1123.622 | 1330.756 | 0.671 | 0.905 |
| 889.979 | 0.999 | 14.748 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 60.681 | 16.851 | 140.110 | 1122.863 | 1329.836 | 0.671 | 0.904 |
| 890.581 | 0.999 | 14.763 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 60.681 | 16.852 | 140.110 | 1122.514 | 1329.414 | 0.670 | 0.904 |
| 890.858 | 0.999 | 14.759 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 60.679 | 16.852 | 140.105 | 1123.740 | 1330.854 | 0.671 | 0.905 |
| 889.885 | 0.999 | 14.755 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 60.678 | 16.852 | 140.104 | 1123.237 | 1330.252 | 0.671 | 0.905 |
| 890.284 | 0.999 | 14.753 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 60.686 | 16.853 | 140.122 | 1123.066 | 1330.023 | 0.671 | 0.904 |
| 890.420 | 0.999 | 14.738 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 60.681 | 16.852 | 140.109 | 1122.193 | 1329.014 | 0.670 | 0.904 |
| 891.112 | 0.999 | 14.746 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 60.700 | 16.853 | 140.155 | 1122.250 | 1329.060 | 0.670 | 0.904 |
| 891.067 | 0.999 | 14.747 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 60.673 | 16.852 | 140.092 | 1121.392 | 1328.081 | 0.670 | 0.903 |
| 891.748 | 0.999 | 14.753 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 60.687 | 16.853 | 140.124 | 1120.902 | 1327.464 | 0.669 | 0.903 |
| 892.138 | 0.999 | 14.756 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 60.690 | 16.852 | 140.131 | 1120.885 | 1327.462 | 0.669 | 0.903 |
| 892.152 | 0.999 | 14.744 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 60.682 | 16.852 | 140.114 | 1121.378 | 1328.069 | 0.670 | 0.903 |
| 891.760 | 0.999 | 14.750 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 60.688 | 16.851 | 140.128 | 1121.556 | 1328.301 | 0.670 | 0.903 |
| 891.619 | 0.999 | 14.751 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 60.704 | 16.852 | 140.164 | 1121.537 | 1328.249 | 0.670 | 0.903 |
| 891.634 | 0.999 | 14.735 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 60.698 | 16.851 | 140.151 | 1121.814 | 1328.596 | 0.670 | 0.903 |
| 891.413 | 0.999 | 14.743 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 60.707 | 16.852 | 140.171 | 1121.947 | 1328.737 | 0.670 | 0.904 |
| 891.308 | 0.999 | 14.732 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 60.702 | 16.853 | 140.160 | 1122.141 | 1328.933 | 0.670 | 0.904 |
| 891.154 | 0.999 | 14.733 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 60.699 | 16.852 | 140.153 | 1121.833 | 1328.597 | 0.670 | 0.903 |
| 891.399 | 0.999 | 14.732 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 60.720 | 16.853 | 140.201 | 1122.745 | 1329.656 | 0.671 | 0.904 |
| 890.674 | 0.999 | 14.718 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 60.713 | 16.852 | 140.183 | 1121.843 | 1328.606 | 0.670 | 0.903 |
| 891.391 | 0.999 | 14.723 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 60.714 | 16.852 | 140.186 | 1122.109 | 1328.927 | 0.670 | 0.904 |
| 891.179 | 0.999 | 14.713 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 60.708 | 16.852 | 140.173 | 1122.790 | 1329.725 | 0.671 | 0.904 |
| 890.638 | 0.999 | 14.720 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 60.713 | 16.851 | 140.184 | 1123.151 | 1330.193 | 0.671 | 0.905 |
| 890.352 | 0.999 | 14.709 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 60.718 | 16.853 | 140.196 | 1123.541 | 1330.601 | 0.671 | 0.905 |
| 890.044 | 0.999 | 14.704 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 60.721 | 16.851 | 140.202 | 1124.065 | 1331.259 | 0.671 | 0.905 |
| 889.628 | 0.999 | 14.686 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 60.718 | 16.852 | 140.197 | 1122.426 | 1329.313 | 0.670 | 0.904 |
| 890.927 | 0.999 | 14.707 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 60.720 | 16.853 | 140.200 | 1122.099 | 1328.895 | 0.670 | 0.904 |
| 891.187 | 0.999 | 14.704 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 60.715 | 16.851 | 140.188 | 1123.804 | 1330.956 | 0.671 | 0.905 |
| 889.835 | 0.999 | 14.714 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 60.714 | 16.850 | 140.186 | 1122.529 | 1329.477 | 0.670 | 0.904 |
| 890.846 | 0.999 | 14.693 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 60.719 | 16.852 | 140.198 | 1123.971 | 1331.132 | 0.671 | 0.905 |
| 889.702 | 0.999 | 14.701 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 60.721 | 16.850 | 140.204 | 1123.304 | 1330.405 | 0.671 | 0.905 |
| 890.231 | 0.999 | 14.696 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 60.720 | 16.851 | 140.201 | 1125.648 | 1333.155 | 0.672 | 0.907 |
| 888.378 | 0.999 | 14.702 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 60.728 | 16.851 | 140.218 | 1123.051 | 1330.079 | 0.671 | 0.904 |
| 890.432 | 0.999 | 14.699 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 60.720 | 16.850 | 140.201 | 1124.144 | 1331.390 | 0.671 | 0.905 |
| 889.566 | 0.999 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 60.724 | 16.852 | 140.209 | 1124.732 | 1332.044 | 0.672 | 0.906 |
| 889.101 | 0.999 | 14.708 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 60.726 | 16.850 | 140.215 | 1125.640 | 1333.168 | 0.672 | 0.907 |
| 888.383 | 0.999 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 60.727 | 16.852 | 140.218 | 1126.610 | 1334.246 | 0.673 | 0.907 |
| 887.619 | 0.999 | 14.705 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 60.734 | 16.850 | 140.232 | 1125.389 | 1332.873 | 0.672 | 0.906 |
| 888.581 | 0.999 | 14.700 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 60.728 | 16.850 | 140.219 | 1125.390 | 1332.857 | 0.672 | 0.906 |
| 888.581 | 0.999 | 14.702 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 60.733 | 16.851 | 140.231 | 1127.250 | 1335.055 | 0.673 | 0.908 |
| 887.115 | 0.999 | 14.700 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 60.737 | 16.851 | 140.240 | 1128.699 | 1336.758 | 0.674 | 0.909 |
| 885.976 | 0.999 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 60.736 | 16.850 | 140.238 | 1127.464 | 1335.314 | 0.674 | 0.908 |
| 886.946 | 0.999 | 14.709 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 60.731 | 16.852 | 140.226 | 1128.737 | 1336.777 | 0.674 | 0.909 |
| 885.946 | 0.999 | 14.711 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 60.738 | 16.850 | 140.243 | 1126.695 | 1334.422 | 0.673 | 0.907 |
| 887.552 | 0.999 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 60.733 | 16.851 | 140.231 | 1126.446 | 1334.087 | 0.673 | 0.907 |
| 887.748 | 0.999 | 14.719 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 60.736 | 16.851 | 140.239 | 1127.305 | 1335.123 | 0.673 | 0.908 |
| 887.071 | 0.999 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 60.731 | 16.850 | 140.225 | 1123.331 | 1330.430 | 0.671 | 0.905 |
| 890.209 | 0.999 | 14.727 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 60.735 | 16.850 | 140.236 | 1126.880 | 1334.638 | 0.673 | 0.908 |
| 887.406 | 0.999 | 14.724 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/8/2017 10:15:00 AM | 303300.000 | 60.736 | 16.851 | 140.239 | 1127.634 | 1335.508 | 0.674 | 0.908 |
| 886.812 | 0.999 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 60.744 | 16.850 | 140.255 | 1126.819 | 1334.571 | 0.673 | 0.908 |
| 887.454 | 0.999 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 60.741 | 16.850 | 140.250 | 1125.582 | 1333.111 | 0.672 | 0.907 |
| 888.430 | 0.999 | 14.720 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 60.739 | 16.851 | 140.245 | 1129.402 | 1337.599 | 0.675 | 0.910 |
| 885.424 | 0.999 | 14.724 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 60.735 | 16.851 | 140.235 | 1129.486 | 1337.703 | 0.675 | 0.910 |
| 885.359 | 0.999 | 14.729 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 60.747 | 16.852 | 140.264 | 1130.148 | 1338.458 | 0.675 | 0.910 |
| 884.840 | 0.999 | 14.715 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 60.755 | 16.850 | 140.280 | 1128.574 | 1336.640 | 0.674 | 0.909 |
| 886.074 | 0.999 | 14.700 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 60.742 | 16.851 | 140.251 | 1127.442 | 1335.285 | 0.674 | 0.908 |
| 886.964 | 0.999 | 14.709 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 60.737 | 16.851 | 140.239 | 1131.974 | 1340.651 | 0.676 | 0.912 |
| 883.412 | 0.999 | 14.710 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 60.766 | 16.850 | 140.306 | 1131.403 | 1339.995 | 0.676 | 0.911 |
| 883.859 | 0.999 | 14.701 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 60.757 | 16.851 | 140.286 | 1129.952 | 1338.250 | 0.675 | 0.910 |
| 884.993 | 0.999 | 14.697 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 60.753 | 16.850 | 140.276 | 1129.818 | 1338.113 | 0.675 | 0.910 |
| 885.098 | 0.999 | 14.701 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 60.765 | 16.850 | 140.305 | 1130.632 | 1339.090 | 0.676 | 0.911 |
| 884.461 | 0.999 | 14.690 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 60.768 | 16.851 | 140.311 | 1131.154 | 1339.671 | 0.676 | 0.911 |
| 884.053 | 0.999 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 60.761 | 16.849 | 140.296 | 1125.863 | 1333.458 | 0.673 | 0.907 |
| 888.207 | 0.999 | 14.688 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 60.767 | 16.851 | 140.308 | 1128.657 | 1336.716 | 0.674 | 0.909 |
| 886.009 | 0.999 | 14.683 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 60.772 | 16.849 | 140.320 | 1129.289 | 1337.512 | 0.675 | 0.910 |
| 885.513 | 0.999 | 14.676 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 60.765 | 16.851 | 140.305 | 1128.846 | 1336.948 | 0.674 | 0.909 |
| 885.861 | 0.999 | 14.685 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 60.764 | 16.851 | 140.302 | 1130.806 | 1339.250 | 0.676 | 0.911 |
| 884.325 | 0.999 | 14.694 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 60.775 | 16.850 | 140.328 | 1130.617 | 1339.054 | 0.676 | 0.911 |
| 884.472 | 0.999 | 14.684 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 60.773 | 16.850 | 140.323 | 1130.820 | 1339.297 | 0.676 | 0.911 |
| 884.314 | 0.999 | 14.686 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 60.775 | 16.850 | 140.327 | 1128.259 | 1336.264 | 0.674 | 0.909 |
| 886.321 | 0.999 | 14.683 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 60.776 | 16.850 | 140.330 | 1130.163 | 1338.535 | 0.675 | 0.910 |
| 884.828 | 0.999 | 14.689 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 60.773 | 16.851 | 140.323 | 1128.963 | 1337.086 | 0.674 | 0.909 |
| 885.769 | 0.999 | 14.691 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 60.770 | 16.850 | 140.317 | 1127.859 | 1335.792 | 0.674 | 0.908 |
| 886.636 | 0.999 | 14.695 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 60.770 | 16.851 | 140.317 | 1130.601 | 1339.018 | 0.676 | 0.911 |
| 884.486 | 0.999 | 14.686 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 60.780 | 16.850 | 140.339 | 1127.559 | 1335.440 | 0.674 | 0.908 |
| 886.871 | 0.999 | 14.684 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 60.779 | 16.851 | 140.336 | 1129.673 | 1337.904 | 0.675 | 0.910 |
| 885.212 | 0.999 | 14.687 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 60.781 | 16.850 | 140.343 | 1129.853 | 1338.143 | 0.675 | 0.910 |
| 885.071 | 0.999 | 14.689 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 60.777 | 16.850 | 140.333 | 1129.769 | 1338.055 | 0.675 | 0.910 |
| 885.136 | 0.999 | 14.693 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 60.785 | 16.850 | 140.352 | 1126.824 | 1334.577 | 0.673 | 0.908 |
| 887.450 | 0.999 | 14.686 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 60.779 | 16.852 | 140.338 | 1129.197 | 1337.329 | 0.675 | 0.909 |
| 885.585 | 0.999 | 14.689 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 60.784 | 16.850 | 140.349 | 1132.099 | 1340.806 | 0.676 | 0.912 |
| 883.315 | 0.999 | 14.687 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 60.784 | 16.850 | 140.349 | 1126.322 | 1333.980 | 0.673 | 0.907 |
| 887.846 | 0.999 | 14.696 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 60.774 | 16.849 | 140.326 | 1124.946 | 1332.382 | 0.672 | 0.906 |
| 888.931 | 0.999 | 14.703 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 60.772 | 16.851 | 140.320 | 1127.307 | 1335.110 | 0.673 | 0.908 |
| 887.069 | 0.999 | 14.704 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 60.775 | 16.850 | 140.328 | 1131.495 | 1340.098 | 0.676 | 0.911 |
| 883.787 | 0.999 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 60.776 | 16.851 | 140.329 | 1131.104 | 1339.599 | 0.676 | 0.911 |
| 884.092 | 0.999 | 14.704 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 60.770 | 16.851 | 140.316 | 1127.704 | 1335.587 | 0.674 | 0.908 |
| 886.758 | 0.999 | 14.711 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 60.786 | 16.850 | 140.352 | 1124.485 | 1331.789 | 0.672 | 0.906 |
| 889.296 | 0.999 | 14.702 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 60.779 | 16.850 | 140.336 | 1124.937 | 1332.323 | 0.672 | 0.906 |
| 888.939 | 0.999 | 14.705 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 60.778 | 16.850 | 140.335 | 1123.375 | 1330.489 | 0.671 | 0.905 |
| 890.175 | 0.999 | 14.703 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 60.781 | 16.850 | 140.342 | 1122.562 | 1329.513 | 0.671 | 0.904 |
| 890.820 | 0.999 | 14.706 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 60.776 | 16.850 | 140.330 | 1123.245 | 1330.328 | 0.671 | 0.905 |
| 890.277 | 0.999 | 14.710 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 60.776 | 16.850 | 140.330 | 1123.991 | 1331.203 | 0.671 | 0.905 |
| 889.687 | 0.999 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 60.773 | 16.851 | 140.322 | 1123.136 | 1330.181 | 0.671 | 0.905 |
| 890.364 | 0.999 | 14.714 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 60.773 | 16.849 | 140.324 | 1122.759 | 1329.773 | 0.671 | 0.904 |
| 890.663 | 0.999 | 14.718 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 60.777 | 16.850 | 140.332 | 1122.702 | 1329.682 | 0.671 | 0.904 |
| 890.709 | 0.999 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 60.779 | 16.849 | 140.337 | 1123.659 | 1330.844 | 0.671 | 0.905 |
| 889.950 | 0.999 | 14.717 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 60.775 | 16.850 | 140.327 | 1126.485 | 1334.173 | 0.673 | 0.907 |
| 887.717 | 0.999 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 60.782 | 16.851 | 140.345 | 1127.705 | 1335.597 | 0.674 | 0.908 |
| 886.757 | 0.999 | 14.716 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 60.784 | 16.850 | 140.347 | 1127.136 | 1334.939 | 0.673 | 0.908 |
| 887.204 | 0.999 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 60.786 | 16.851 | 140.354 | 1125.815 | 1333.347 | 0.673 | 0.907 |
| 888.246 | 0.999 | 14.719 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 60.783 | 16.851 | 140.345 | 1125.997 | 1333.566 | 0.673 | 0.907 |
| 888.102 | 0.999 | 14.725 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 60.777 | 16.849 | 140.332 | 1122.654 | 1329.654 | 0.671 | 0.904 |
| 890.746 | 0.999 | 14.728 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 60.775 | 16.850 | 140.329 | 1122.054 | 1328.933 | 0.670 | 0.904 |
| 891.223 | 0.999 | 14.733 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 60.780 | 16.851 | 140.338 | 1124.154 | 1331.370 | 0.671 | 0.905 |
| 889.558 | 0.999 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 60.779 | 16.851 | 140.337 | 1122.878 | 1329.875 | 0.671 | 0.904 |
| 890.569 | 0.999 | 14.727 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 60.783 | 16.851 | 140.347 | 1122.466 | 1329.366 | 0.670 | 0.904 |
| 890.895 | 0.999 | 14.720 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 60.775 | 16.852 | 140.326 | 1121.010 | 1327.636 | 0.670 | 0.903 |
| 892.053 | 0.999 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 60.773 | 16.851 | 140.322 | 1120.966 | 1327.591 | 0.669 | 0.903 |
| 892.088 | 0.999 | 14.721 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 60.778 | 16.851 | 140.334 | 1121.484 | 1328.213 | 0.670 | 0.903 |
| 891.675 | 0.999 | 14.722 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 60.787 | 16.851 | 140.356 | 1120.614 | 1327.180 | 0.669 | 0.902 |
| 892.368 | 0.999 | 14.710 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 60.780 | 16.851 | 140.340 | 1119.689 | 1326.090 | 0.669 | 0.902 |
| 893.105 | 0.999 | 14.722 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 60.780 | 16.851 | 140.338 | 1119.888 | 1326.318 | 0.669 | 0.902 |
| 892.946 | 0.999 | 14.723 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 60.771 | 16.852 | 140.319 | 1120.260 | 1326.746 | 0.669 | 0.902 |
| 892.650 | 0.999 | 14.736 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 60.773 | 16.851 | 140.322 | 1119.770 | 1326.193 | 0.669 | 0.902 |

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|---|---|---|---|---|---|---|---|---|
| 893.041 | 0.999 | 14.740 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 60.777 | 16.851 | 140.333 | 1119.792 | 1326.217 | 0.669 | 0.902 |
| 893.023 | 0.999 | 14.739 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 60.766 | 16.851 | 140.307 | 1120.215 | 1326.716 | 0.669 | 0.902 |
| 892.686 | 0.999 | 14.746 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 60.776 | 16.851 | 140.330 | 1121.269 | 1327.956 | 0.670 | 0.903 |
| 891.847 | 0.999 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 60.777 | 16.851 | 140.332 | 1120.190 | 1326.696 | 0.669 | 0.902 |
| 892.706 | 0.999 | 14.739 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 60.793 | 16.850 | 140.369 | 1121.586 | 1328.366 | 0.670 | 0.903 |
| 891.595 | 0.999 | 14.737 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 60.783 | 16.851 | 140.345 | 1121.639 | 1328.404 | 0.670 | 0.903 |
| 891.553 | 0.999 | 14.738 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 60.766 | 16.850 | 140.306 | 1120.433 | 1326.989 | 0.669 | 0.902 |
| 892.512 | 0.999 | 14.748 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 60.765 | 16.851 | 140.303 | 1120.056 | 1326.525 | 0.669 | 0.902 |
| 892.812 | 0.999 | 14.751 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 60.773 | 16.850 | 140.323 | 1120.278 | 1326.803 | 0.669 | 0.902 |
| 892.636 | 0.999 | 14.741 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 60.776 | 16.851 | 140.329 | 1120.256 | 1326.774 | 0.669 | 0.902 |
| 892.653 | 0.999 | 14.738 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 60.766 | 16.851 | 140.307 | 1119.896 | 1326.346 | 0.669 | 0.902 |
| 892.940 | 0.999 | 14.750 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 60.766 | 16.851 | 140.308 | 1120.032 | 1326.488 | 0.669 | 0.902 |
| 892.832 | 0.999 | 14.746 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 60.770 | 16.851 | 140.316 | 1121.642 | 1328.395 | 0.670 | 0.903 |
| 891.550 | 0.999 | 14.741 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 60.765 | 16.851 | 140.303 | 1121.214 | 1327.886 | 0.670 | 0.903 |
| 891.890 | 0.999 | 14.750 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 60.768 | 16.851 | 140.312 | 1120.826 | 1327.429 | 0.669 | 0.903 |
| 892.199 | 0.999 | 14.754 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 60.770 | 16.850 | 140.315 | 1120.377 | 1326.920 | 0.669 | 0.902 |
| 892.557 | 0.999 | 14.749 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 60.772 | 16.852 | 140.320 | 1120.546 | 1327.089 | 0.669 | 0.902 |
| 892.422 | 0.999 | 14.754 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 60.766 | 16.851 | 140.306 | 1120.621 | 1327.185 | 0.669 | 0.902 |
| 892.363 | 0.999 | 14.761 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 60.772 | 16.850 | 140.320 | 1121.402 | 1328.134 | 0.670 | 0.903 |
| 891.741 | 0.999 | 14.760 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 60.770 | 16.849 | 140.316 | 1121.302 | 1328.045 | 0.670 | 0.903 |
| 891.820 | 0.999 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 60.775 | 16.849 | 140.327 | 1121.714 | 1328.536 | 0.670 | 0.903 |
| 891.493 | 0.999 | 14.766 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 60.773 | 16.850 | 140.322 | 1122.209 | 1329.107 | 0.670 | 0.904 |
| 891.099 | 0.999 | 14.765 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 60.766 | 16.851 | 140.307 | 1121.271 | 1327.974 | 0.670 | 0.903 |
| 891.845 | 0.999 | 14.769 | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 60.773 | 16.850 | 140.324 | 1123.397 | 1330.503 | 0.671 | 0.905 |
| 890.157 | 0.999 | 14.775 | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 60.768 | 16.849 | 140.312 | 1123.043 | 1330.123 | 0.671 | 0.904 |
| 890.438 | 0.999 | 14.771 | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 60.768 | 16.850 | 140.312 | 1125.194 | 1332.628 | 0.672 | 0.906 |
| 888.736 | 0.999 | 14.779 | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 60.774 | 16.849 | 140.325 | 1122.447 | 1329.403 | 0.670 | 0.904 |
| 890.911 | 0.999 | 14.786 | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 60.763 | 16.850 | 140.300 | 1124.752 | 1332.113 | 0.672 | 0.906 |
| 889.085 | 0.999 | 14.787 | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 60.768 | 16.851 | 140.312 | 1123.191 | 1330.225 | 0.671 | 0.905 |
| 890.320 | 0.999 | 14.790 | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 60.766 | 16.850 | 140.306 | 1123.434 | 1330.557 | 0.671 | 0.905 |
| 890.128 | 0.999 | 14.796 | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 60.768 | 16.850 | 140.311 | 1122.023 | 1328.886 | 0.670 | 0.904 |
| 891.247 | 0.999 | 14.796 | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 60.764 | 16.850 | 140.302 | 1123.927 | 1331.138 | 0.671 | 0.905 |
| 889.738 | 0.999 | 14.803 | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 60.767 | 16.850 | 140.310 | 1124.281 | 1331.555 | 0.672 | 0.905 |
| 889.457 | 0.999 | 14.799 | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 60.764 | 16.850 | 140.302 | 1122.515 | 1329.468 | 0.670 | 0.904 |
| 890.857 | 0.999 | 14.804 | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 60.766 | 16.849 | 140.308 | 1121.820 | 1328.661 | 0.670 | 0.903 |
| 891.409 | 0.999 | 14.794 | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 60.767 | 16.850 | 140.309 | 1122.751 | 1329.755 | 0.671 | 0.904 |
| 890.669 | 0.999 | 14.784 | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 60.767 | 16.849 | 140.310 | 1125.848 | 1333.432 | 0.673 | 0.907 |
| 888.219 | 0.999 | 14.781 | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 60.778 | 16.850 | 140.335 | 1127.104 | 1334.911 | 0.673 | 0.908 |
| 887.230 | 0.999 | 14.773 | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 60.775 | 16.850 | 140.328 | 1127.042 | 1334.831 | 0.673 | 0.908 |
| 887.278 | 0.999 | 14.777 | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 60.770 | 16.848 | 140.316 | 1125.669 | 1333.248 | 0.672 | 0.907 |
| 888.361 | 0.999 | 14.782 | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 60.776 | 16.849 | 140.330 | 1125.830 | 1333.421 | 0.673 | 0.907 |
| 888.234 | 0.999 | 14.772 | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 60.783 | 16.849 | 140.346 | 1127.801 | 1335.744 | 0.674 | 0.908 |
| 886.682 | 0.999 | 14.768 | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 60.782 | 16.851 | 140.344 | 1124.143 | 1331.378 | 0.671 | 0.905 |
| 889.567 | 0.999 | 14.768 | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 60.782 | 16.849 | 140.345 | 1126.237 | 1333.895 | 0.673 | 0.907 |
| 887.913 | 0.999 | 14.773 | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 60.777 | 16.849 | 140.333 | 1128.370 | 1336.427 | 0.674 | 0.909 |
| 886.234 | 0.999 | 14.785 | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 60.778 | 16.849 | 140.335 | 1126.779 | 1334.551 | 0.673 | 0.907 |
| 887.485 | 0.999 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 60.784 | 16.850 | 140.348 | 1128.134 | 1336.134 | 0.674 | 0.909 |
| 886.420 | 0.999 | 14.780 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 60.786 | 16.850 | 140.354 | 1127.122 | 1334.917 | 0.673 | 0.908 |
| 887.215 | 0.999 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 60.782 | 16.849 | 140.344 | 1126.215 | 1333.869 | 0.673 | 0.907 |
| 887.930 | 0.999 | 14.779 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 60.781 | 16.848 | 140.341 | 1125.026 | 1332.511 | 0.672 | 0.906 |
| 888.868 | 0.999 | 14.776 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 60.788 | 16.848 | 140.357 | 1125.604 | 1333.172 | 0.672 | 0.907 |
| 888.412 | 0.999 | 14.779 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 60.785 | 16.849 | 140.351 | 1126.762 | 1334.525 | 0.673 | 0.907 |
| 887.499 | 0.999 | 14.776 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 60.787 | 16.848 | 140.356 | 1129.258 | 1337.507 | 0.675 | 0.910 |
| 885.537 | 0.999 | 14.778 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 60.787 | 16.850 | 140.355 | 1126.108 | 1333.734 | 0.673 | 0.907 |
| 888.014 | 0.999 | 14.782 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 60.794 | 16.849 | 140.371 | 1129.539 | 1337.814 | 0.675 | 0.910 |
| 885.317 | 0.999 | 14.775 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 60.789 | 16.849 | 140.360 | 1128.258 | 1336.297 | 0.674 | 0.909 |
| 886.322 | 0.999 | 14.779 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 60.791 | 16.849 | 140.365 | 1125.852 | 1333.452 | 0.673 | 0.907 |
| 888.216 | 0.999 | 14.776 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 60.797 | 16.849 | 140.379 | 1123.949 | 1331.207 | 0.671 | 0.905 |
| 889.720 | 0.999 | 14.773 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 60.802 | 16.850 | 140.390 | 1128.458 | 1336.518 | 0.674 | 0.909 |
| 886.165 | 0.999 | 14.770 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 60.801 | 16.847 | 140.389 | 1122.156 | 1329.117 | 0.670 | 0.904 |
| 891.142 | 0.999 | 14.765 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 60.795 | 16.850 | 140.374 | 1127.154 | 1334.946 | 0.673 | 0.908 |
| 887.191 | 0.999 | 14.769 | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 60.794 | 16.848 | 140.371 | 1125.089 | 1332.564 | 0.672 | 0.906 |
| 888.819 | 0.999 | 14.773 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 60.790 | 16.850 | 140.362 | 1125.742 | 1333.283 | 0.672 | 0.907 |
| 888.303 | 0.999 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 60.792 | 16.849 | 140.366 | 1128.381 | 1336.442 | 0.674 | 0.909 |
| 886.226 | 0.999 | 14.777 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 60.793 | 16.850 | 140.368 | 1129.048 | 1337.217 | 0.675 | 0.909 |
| 885.702 | 0.999 | 14.774 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 60.792 | 16.849 | 140.366 | 1122.668 | 1329.671 | 0.671 | 0.904 |
| 890.735 | 0.999 | 14.779 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/9/2017 7:30:00 PM | 423000.000 | 60.793 | 16.849 | 140.369 | 1125.280 | 1332.781 | 0.672 | 0.906 |
| 888.667 | 0.999 | 14.778 | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 60.799 | 16.849 | 140.383 | 1125.154 | 1332.618 | 0.672 | 0.906 |
| 888.767 | 0.999 | 14.775 | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 60.795 | 16.850 | 140.374 | 1128.048 | 1336.014 | 0.674 | 0.908 |
| 886.487 | 0.999 | 14.777 | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 60.786 | 16.850 | 140.354 | 1129.489 | 1337.715 | 0.675 | 0.910 |
| 885.356 | 0.999 | 14.786 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 60.793 | 16.848 | 140.369 | 1127.051 | 1334.891 | 0.673 | 0.908 |
| 887.271 | 0.999 | 14.782 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 60.804 | 16.849 | 140.395 | 1126.911 | 1334.699 | 0.673 | 0.908 |
| 887.382 | 0.999 | 14.774 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 60.789 | 16.849 | 140.360 | 1126.341 | 1334.039 | 0.673 | 0.907 |
| 887.831 | 0.999 | 14.783 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 60.794 | 16.849 | 140.371 | 1125.617 | 1333.179 | 0.672 | 0.907 |
| 888.402 | 0.999 | 14.780 | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 60.804 | 16.849 | 140.394 | 1126.971 | 1334.759 | 0.673 | 0.908 |
| 887.335 | 0.999 | 14.771 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 60.800 | 16.849 | 140.384 | 1128.258 | 1336.313 | 0.674 | 0.909 |
| 886.322 | 0.999 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 60.807 | 16.849 | 140.401 | 1129.755 | 1338.078 | 0.675 | 0.910 |
| 885.148 | 0.999 | 14.775 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 60.798 | 16.849 | 140.381 | 1126.887 | 1334.681 | 0.673 | 0.908 |
| 887.400 | 0.999 | 14.779 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 60.797 | 16.849 | 140.378 | 1128.725 | 1336.839 | 0.674 | 0.909 |
| 885.955 | 0.999 | 14.785 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 60.799 | 16.849 | 140.383 | 1128.016 | 1336.023 | 0.674 | 0.908 |
| 886.513 | 0.999 | 14.780 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 60.804 | 16.850 | 140.396 | 1129.310 | 1337.508 | 0.675 | 0.910 |
| 885.497 | 0.999 | 14.776 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 60.797 | 16.849 | 140.378 | 1130.856 | 1339.365 | 0.676 | 0.911 |
| 884.286 | 0.999 | 14.783 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 60.809 | 16.847 | 140.406 | 1121.801 | 1328.706 | 0.670 | 0.904 |
| 891.424 | 0.999 | 14.772 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 60.805 | 16.850 | 140.397 | 1126.136 | 1333.754 | 0.673 | 0.907 |
| 887.992 | 0.999 | 14.769 | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 60.806 | 16.849 | 140.399 | 1124.754 | 1332.136 | 0.672 | 0.906 |
| 889.083 | 0.999 | 14.772 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 60.797 | 16.849 | 140.379 | 1123.834 | 1331.068 | 0.671 | 0.905 |
| 889.811 | 0.999 | 14.777 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 60.800 | 16.849 | 140.385 | 1123.000 | 1330.067 | 0.671 | 0.904 |
| 890.472 | 0.999 | 14.776 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 60.802 | 16.849 | 140.390 | 1125.477 | 1332.995 | 0.672 | 0.906 |
| 888.512 | 0.999 | 14.769 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 60.804 | 16.849 | 140.394 | 1124.970 | 1332.400 | 0.672 | 0.906 |
| 888.913 | 0.999 | 14.766 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 60.803 | 16.849 | 140.393 | 1122.213 | 1329.147 | 0.670 | 0.904 |
| 891.097 | 0.999 | 14.770 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 60.806 | 16.849 | 140.400 | 1122.191 | 1329.127 | 0.670 | 0.904 |
| 891.114 | 0.999 | 14.767 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 60.799 | 16.849 | 140.382 | 1120.976 | 1327.675 | 0.670 | 0.903 |
| 892.080 | 0.999 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 60.807 | 16.848 | 140.401 | 1124.342 | 1331.688 | 0.672 | 0.906 |
| 889.409 | 0.999 | 14.771 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 60.808 | 16.848 | 140.403 | 1121.724 | 1328.598 | 0.670 | 0.903 |
| 891.485 | 0.999 | 14.766 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 60.806 | 16.849 | 140.400 | 1123.510 | 1330.665 | 0.671 | 0.905 |
| 890.068 | 0.999 | 14.769 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 60.803 | 16.849 | 140.392 | 1123.998 | 1331.254 | 0.671 | 0.905 |
| 889.681 | 0.999 | 14.770 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 60.807 | 16.850 | 140.401 | 1126.578 | 1334.291 | 0.673 | 0.907 |
| 887.644 | 0.999 | 14.762 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 60.816 | 16.848 | 140.421 | 1123.657 | 1330.889 | 0.671 | 0.905 |
| 889.951 | 0.999 | 14.759 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 60.817 | 16.849 | 140.424 | 1123.744 | 1330.939 | 0.671 | 0.905 |
| 889.883 | 0.999 | 14.754 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 60.813 | 16.849 | 140.415 | 1124.792 | 1332.202 | 0.672 | 0.906 |
| 889.053 | 0.999 | 14.757 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 60.799 | 16.850 | 140.384 | 1123.435 | 1330.550 | 0.671 | 0.905 |
| 890.127 | 0.999 | 14.761 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 60.813 | 16.849 | 140.415 | 1125.587 | 1333.141 | 0.672 | 0.907 |
| 888.425 | 0.999 | 14.753 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 60.812 | 16.849 | 140.412 | 1123.577 | 1330.765 | 0.671 | 0.905 |
| 890.015 | 0.999 | 14.749 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 60.817 | 16.849 | 140.424 | 1125.807 | 1333.394 | 0.673 | 0.907 |
| 888.252 | 0.999 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 60.816 | 16.848 | 140.422 | 1123.652 | 1330.862 | 0.671 | 0.905 |
| 889.956 | 0.999 | 14.744 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 60.822 | 16.849 | 140.437 | 1124.494 | 1331.828 | 0.672 | 0.906 |
| 889.289 | 0.999 | 14.733 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 60.818 | 16.848 | 140.426 | 1122.318 | 1329.303 | 0.670 | 0.904 |
| 891.013 | 0.999 | 14.741 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 60.825 | 16.849 | 140.444 | 1123.751 | 1330.974 | 0.671 | 0.905 |
| 889.877 | 0.999 | 14.735 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 60.819 | 16.849 | 140.429 | 1124.181 | 1331.481 | 0.672 | 0.905 |
| 889.536 | 0.999 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 60.822 | 16.849 | 140.436 | 1123.714 | 1330.927 | 0.671 | 0.905 |
| 889.906 | 0.999 | 14.740 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 60.834 | 16.849 | 140.463 | 1125.844 | 1333.445 | 0.673 | 0.907 |
| 888.223 | 0.999 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 60.829 | 16.849 | 140.453 | 1124.814 | 1332.233 | 0.672 | 0.906 |
| 889.036 | 0.999 | 14.734 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 60.825 | 16.848 | 140.443 | 1124.466 | 1331.824 | 0.672 | 0.906 |
| 889.311 | 0.999 | 14.742 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 60.830 | 16.848 | 140.454 | 1121.990 | 1328.902 | 0.670 | 0.904 |
| 891.273 | 0.999 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 60.826 | 16.848 | 140.446 | 1121.986 | 1328.895 | 0.670 | 0.904 |
| 891.276 | 0.999 | 14.740 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 60.835 | 16.849 | 140.466 | 1124.200 | 1331.479 | 0.672 | 0.905 |
| 889.522 | 0.999 | 14.737 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 60.830 | 16.848 | 140.454 | 1123.426 | 1330.611 | 0.671 | 0.905 |
| 890.134 | 0.999 | 14.739 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 60.833 | 16.849 | 140.461 | 1125.483 | 1333.017 | 0.672 | 0.906 |
| 888.508 | 0.999 | 14.737 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 60.834 | 16.848 | 140.463 | 1126.986 | 1334.817 | 0.673 | 0.908 |
| 887.323 | 0.999 | 14.739 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 60.829 | 16.849 | 140.453 | 1128.748 | 1336.863 | 0.674 | 0.909 |
| 885.938 | 0.999 | 14.743 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 60.831 | 16.850 | 140.456 | 1127.426 | 1335.277 | 0.674 | 0.908 |
| 886.976 | 0.999 | 14.740 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 60.826 | 16.848 | 140.444 | 1124.668 | 1332.066 | 0.672 | 0.906 |
| 889.151 | 0.999 | 14.747 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 60.825 | 16.849 | 140.442 | 1121.662 | 1328.500 | 0.670 | 0.903 |
| 891.534 | 0.999 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 60.828 | 16.848 | 140.449 | 1118.388 | 1324.625 | 0.668 | 0.901 |
| 894.144 | 0.999 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 60.830 | 16.850 | 140.454 | 1123.412 | 1330.538 | 0.671 | 0.905 |
| 890.146 | 0.999 | 14.750 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 60.828 | 16.848 | 140.449 | 1118.701 | 1325.017 | 0.668 | 0.901 |
| 893.894 | 0.999 | 14.746 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 60.829 | 16.848 | 140.452 | 1119.234 | 1325.632 | 0.668 | 0.901 |
| 893.468 | 0.999 | 14.743 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 60.830 | 16.849 | 140.455 | 1119.800 | 1326.290 | 0.669 | 0.902 |
| 893.017 | 0.999 | 14.740 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 60.838 | 16.849 | 140.472 | 1117.844 | 1323.968 | 0.668 | 0.900 |
| 894.579 | 0.999 | 14.733 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 60.836 | 16.849 | 140.467 | 1122.318 | 1329.270 | 0.670 | 0.904 |
| 891.013 | 0.999 | 14.730 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 60.834 | 16.848 | 140.464 | 1121.420 | 1328.225 | 0.670 | 0.903 |
| 891.726 | 0.999 | 14.729 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 60.831 | 16.849 | 140.457 | 1123.676 | 1330.883 | 0.671 | 0.905 |
| 889.936 | 0.999 | 14.730 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 60.845 | 16.848 | 140.489 | 1121.657 | 1328.524 | 0.670 | 0.903 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 891.538 | 0.999 | 14.717 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 60.836 | 16.849 | 140.469 | 1124.790 | 1332.205 | 0.672 | 0.906 |
| 889.055 | 0.999 | 14.716 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 60.848 | 16.848 | 140.496 | 1117.265 | 1323.318 | 0.667 | 0.900 |
| 895.043 | 0.999 | 14.707 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 60.844 | 16.847 | 140.487 | 1119.518 | 1326.006 | 0.669 | 0.902 |
| 893.241 | 0.999 | 14.700 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 60.839 | 16.848 | 140.476 | 1118.908 | 1325.242 | 0.668 | 0.901 |
| 893.728 | 0.999 | 14.708 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 60.849 | 16.848 | 140.498 | 1121.417 | 1328.221 | 0.670 | 0.903 |
| 891.729 | 0.999 | 14.696 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 60.846 | 16.847 | 140.492 | 1122.538 | 1329.572 | 0.671 | 0.904 |
| 890.838 | 0.999 | 14.698 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 60.851 | 16.849 | 140.504 | 1121.149 | 1327.877 | 0.670 | 0.903 |
| 891.942 | 0.999 | 14.694 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 60.846 | 16.848 | 140.492 | 1123.580 | 1330.787 | 0.671 | 0.905 |
| 890.013 | 0.999 | 14.689 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 60.860 | 16.847 | 140.523 | 1126.152 | 1333.850 | 0.673 | 0.907 |
| 887.979 | 0.999 | 14.677 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 60.853 | 16.848 | 140.507 | 1126.168 | 1333.851 | 0.673 | 0.907 |
| 887.967 | 0.999 | 14.688 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 60.855 | 16.848 | 140.512 | 1123.980 | 1331.253 | 0.671 | 0.905 |
| 889.696 | 0.999 | 14.683 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 60.858 | 16.847 | 140.519 | 1124.468 | 1331.858 | 0.672 | 0.906 |
| 889.309 | 0.999 | 14.681 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 60.859 | 16.847 | 140.522 | 1127.655 | 1335.640 | 0.674 | 0.908 |
| 886.796 | 0.999 | 14.679 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 60.863 | 16.847 | 140.531 | 1127.989 | 1336.036 | 0.674 | 0.909 |
| 886.534 | 0.999 | 14.671 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 60.874 | 16.850 | 140.557 | 1125.347 | 1332.828 | 0.672 | 0.906 |
| 888.615 | 0.999 | 14.666 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 60.875 | 16.848 | 140.559 | 1126.476 | 1334.212 | 0.673 | 0.907 |
| 887.725 | 0.999 | 14.664 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 60.874 | 16.849 | 140.556 | 1129.502 | 1337.784 | 0.675 | 0.910 |
| 885.346 | 0.999 | 14.663 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 60.870 | 16.848 | 140.546 | 1126.946 | 1334.777 | 0.673 | 0.908 |
| 887.354 | 0.999 | 14.666 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 60.872 | 16.849 | 140.552 | 1126.281 | 1333.958 | 0.673 | 0.907 |
| 887.878 | 0.999 | 14.662 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 60.878 | 16.848 | 140.566 | 1123.890 | 1331.165 | 0.671 | 0.905 |
| 889.767 | 0.999 | 14.640 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 60.884 | 16.848 | 140.580 | 1125.218 | 1332.736 | 0.672 | 0.906 |
| 888.717 | 0.999 | 14.647 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 60.884 | 16.848 | 140.579 | 1125.080 | 1332.572 | 0.672 | 0.906 |
| 888.826 | 0.999 | 14.637 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 60.880 | 16.848 | 140.569 | 1125.686 | 1333.288 | 0.672 | 0.907 |
| 888.347 | 0.999 | 14.649 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 60.883 | 16.847 | 140.576 | 1125.201 | 1332.740 | 0.672 | 0.906 |
| 888.730 | 0.999 | 14.648 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 60.881 | 16.848 | 140.573 | 1123.504 | 1330.690 | 0.671 | 0.905 |
| 890.072 | 0.999 | 14.644 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 60.888 | 16.850 | 140.588 | 1124.302 | 1331.595 | 0.672 | 0.905 |
| 889.441 | 0.999 | 14.638 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 60.884 | 16.848 | 140.580 | 1126.446 | 1334.174 | 0.673 | 0.907 |
| 887.748 | 0.999 | 14.639 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 60.899 | 16.848 | 140.615 | 1121.287 | 1328.064 | 0.670 | 0.903 |
| 891.832 | 0.999 | 14.625 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 60.892 | 16.850 | 140.599 | 1122.393 | 1329.329 | 0.670 | 0.904 |
| 890.953 | 0.999 | 14.628 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 60.900 | 16.848 | 140.617 | 1120.547 | 1327.191 | 0.669 | 0.902 |
| 892.421 | 0.999 | 14.617 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 60.890 | 16.848 | 140.594 | 1123.503 | 1330.683 | 0.671 | 0.905 |
| 890.074 | 0.999 | 14.624 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 60.897 | 16.847 | 140.608 | 1125.755 | 1333.379 | 0.673 | 0.907 |
| 888.293 | 0.999 | 14.617 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 60.900 | 16.848 | 140.616 | 1125.204 | 1332.706 | 0.672 | 0.906 |
| 888.728 | 0.999 | 14.616 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 60.897 | 16.848 | 140.609 | 1120.318 | 1326.938 | 0.669 | 0.902 |
| 892.604 | 0.999 | 14.619 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 60.905 | 16.846 | 140.629 | 1121.991 | 1328.961 | 0.670 | 0.904 |
| 891.273 | 0.999 | 14.607 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 60.905 | 16.848 | 140.627 | 1124.979 | 1332.450 | 0.672 | 0.906 |
| 888.905 | 0.999 | 14.612 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 60.890 | 16.848 | 140.593 | 1124.922 | 1332.382 | 0.672 | 0.906 |
| 888.951 | 0.999 | 14.635 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 60.896 | 16.848 | 140.606 | 1124.826 | 1332.264 | 0.672 | 0.906 |
| 889.026 | 0.999 | 14.649 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 60.898 | 16.847 | 140.611 | 1125.468 | 1333.042 | 0.672 | 0.906 |
| 888.520 | 0.999 | 14.644 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 60.884 | 16.846 | 140.578 | 1121.276 | 1328.119 | 0.670 | 0.903 |
| 891.841 | 0.999 | 14.659 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 60.900 | 16.847 | 140.617 | 1121.529 | 1328.380 | 0.670 | 0.903 |
| 891.640 | 0.999 | 14.652 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 60.904 | 16.847 | 140.625 | 1124.839 | 1332.310 | 0.672 | 0.906 |
| 889.016 | 0.999 | 14.645 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 60.896 | 16.847 | 140.606 | 1122.204 | 1329.176 | 0.670 | 0.904 |
| 891.104 | 0.999 | 14.655 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 60.889 | 16.848 | 140.591 | 1124.256 | 1331.586 | 0.672 | 0.905 |
| 889.477 | 0.999 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 60.896 | 16.847 | 140.606 | 1125.267 | 1332.804 | 0.672 | 0.906 |
| 888.678 | 0.999 | 14.660 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 60.899 | 16.848 | 140.614 | 1124.255 | 1331.598 | 0.672 | 0.905 |
| 889.478 | 0.999 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 60.899 | 16.847 | 140.614 | 1122.010 | 1328.971 | 0.670 | 0.904 |
| 891.258 | 0.999 | 14.657 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 60.891 | 16.846 | 140.595 | 1118.755 | 1325.131 | 0.668 | 0.901 |
| 893.851 | 0.999 | 14.660 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 60.906 | 16.846 | 140.630 | 1118.223 | 1324.511 | 0.668 | 0.901 |
| 894.276 | 0.999 | 14.651 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 60.895 | 16.847 | 140.605 | 1120.947 | 1327.706 | 0.670 | 0.903 |
| 892.103 | 0.999 | 14.657 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 60.889 | 16.845 | 140.592 | 1115.966 | 1321.854 | 0.666 | 0.899 |
| 896.084 | 0.999 | 14.661 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 60.895 | 16.847 | 140.604 | 1118.683 | 1325.030 | 0.668 | 0.901 |
| 893.908 | 0.999 | 14.657 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 60.907 | 16.848 | 140.633 | 1121.831 | 1328.719 | 0.670 | 0.904 |
| 891.400 | 0.999 | 14.652 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 60.903 | 16.848 | 140.624 | 1120.161 | 1326.746 | 0.669 | 0.902 |
| 892.729 | 0.999 | 14.662 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 60.898 | 16.846 | 140.612 | 1121.443 | 1328.306 | 0.670 | 0.903 |
| 891.709 | 0.999 | 14.666 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 60.902 | 16.847 | 140.621 | 1125.529 | 1333.123 | 0.672 | 0.907 |
| 888.471 | 0.999 | 14.669 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 60.902 | 16.848 | 140.620 | 1126.714 | 1334.494 | 0.673 | 0.907 |
| 887.537 | 0.999 | 14.665 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 60.904 | 16.849 | 140.625 | 1121.697 | 1328.534 | 0.670 | 0.903 |
| 891.506 | 0.999 | 14.666 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 60.900 | 16.847 | 140.616 | 1120.999 | 1327.762 | 0.670 | 0.903 |
| 892.062 | 0.999 | 14.671 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 60.905 | 16.847 | 140.628 | 1120.597 | 1327.284 | 0.669 | 0.903 |
| 892.381 | 0.999 | 14.672 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 60.907 | 16.848 | 140.633 | 1121.900 | 1328.806 | 0.670 | 0.904 |
| 891.345 | 0.999 | 14.668 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 60.908 | 16.847 | 140.634 | 1120.382 | 1327.034 | 0.669 | 0.902 |
| 892.553 | 0.999 | 14.675 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 60.911 | 16.847 | 140.641 | 1122.349 | 1329.358 | 0.670 | 0.904 |
| 890.989 | 0.999 | 14.671 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 60.912 | 16.845 | 140.644 | 1116.806 | 1322.851 | 0.667 | 0.900 |
| 895.411 | 0.999 | 14.676 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 60.906 | 16.847 | 140.631 | 1119.975 | 1326.542 | 0.669 | 0.902 |
| 892.877 | 0.999 | 14.678 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 60.902 | 16.848 | 140.621 | 1125.677 | 1333.267 | 0.672 | 0.907 |
| 888.354 | 0.999 | 14.679 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/11/2017 4:45:00 AM | 542700.000 | 60.906 | 16.847 | 140.629 | 1121.896 | 1328.814 | 0.670 | 0.904 |
| 891.348 | 0.999 | 14.680 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 60.905 | 16.847 | 140.628 | 1122.434 | 1329.473 | 0.670 | 0.904 |
| 890.921 | 0.999 | 14.675 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 60.916 | 16.847 | 140.653 | 1125.837 | 1333.506 | 0.673 | 0.907 |
| 888.228 | 0.999 | 14.669 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 60.915 | 16.848 | 140.651 | 1127.643 | 1335.613 | 0.674 | 0.908 |
| 886.806 | 0.999 | 14.671 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 60.917 | 16.847 | 140.656 | 1126.526 | 1334.298 | 0.673 | 0.907 |
| 887.685 | 0.999 | 14.672 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 60.918 | 16.847 | 140.658 | 1128.121 | 1336.187 | 0.674 | 0.909 |
| 886.430 | 0.999 | 14.673 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 60.917 | 16.846 | 140.656 | 1120.978 | 1327.769 | 0.670 | 0.903 |
| 892.078 | 0.999 | 14.679 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 60.914 | 16.849 | 140.648 | 1124.374 | 1331.702 | 0.672 | 0.906 |
| 889.383 | 0.999 | 14.688 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 60.918 | 16.848 | 140.658 | 1126.718 | 1334.510 | 0.673 | 0.907 |
| 887.533 | 0.999 | 14.681 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 60.918 | 16.847 | 140.659 | 1124.166 | 1331.506 | 0.672 | 0.905 |
| 889.548 | 0.999 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 60.918 | 16.847 | 140.658 | 1122.705 | 1329.793 | 0.671 | 0.904 |
| 890.706 | 0.999 | 14.683 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 60.921 | 16.846 | 140.665 | 1124.834 | 1332.325 | 0.672 | 0.906 |
| 889.020 | 0.999 | 14.687 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 60.921 | 16.847 | 140.664 | 1125.266 | 1332.801 | 0.672 | 0.906 |
| 888.678 | 0.999 | 14.689 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 60.913 | 16.847 | 140.646 | 1122.918 | 1330.028 | 0.671 | 0.904 |
| 890.537 | 0.999 | 14.696 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 60.910 | 16.845 | 140.639 | 1121.280 | 1328.153 | 0.670 | 0.903 |
| 891.838 | 0.999 | 14.698 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 60.908 | 16.846 | 140.636 | 1117.198 | 1323.279 | 0.667 | 0.900 |
| 895.097 | 0.999 | 14.702 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 60.922 | 16.846 | 140.666 | 1124.445 | 1331.881 | 0.672 | 0.906 |
| 889.328 | 0.999 | 14.694 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 60.912 | 16.847 | 140.644 | 1118.895 | 1325.280 | 0.668 | 0.901 |
| 893.739 | 0.999 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 60.911 | 16.847 | 140.642 | 1120.466 | 1327.120 | 0.669 | 0.902 |
| 892.486 | 0.999 | 14.702 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 60.916 | 16.847 | 140.653 | 1120.310 | 1326.949 | 0.669 | 0.902 |
| 892.610 | 0.999 | 14.704 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 60.905 | 16.847 | 140.629 | 1120.653 | 1327.349 | 0.669 | 0.903 |
| 892.337 | 0.999 | 14.714 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 60.911 | 16.847 | 140.642 | 1120.094 | 1326.686 | 0.669 | 0.902 |
| 892.782 | 0.999 | 14.709 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 60.907 | 16.847 | 140.632 | 1120.175 | 1326.782 | 0.669 | 0.902 |
| 892.717 | 0.999 | 14.720 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 60.911 | 16.847 | 140.643 | 1117.552 | 1323.671 | 0.667 | 0.900 |
| 894.813 | 0.999 | 14.719 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 60.903 | 16.847 | 140.623 | 1119.348 | 1325.793 | 0.669 | 0.902 |
| 893.378 | 0.999 | 14.726 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 60.923 | 16.846 | 140.669 | 1116.519 | 1322.475 | 0.667 | 0.899 |
| 895.641 | 0.999 | 14.724 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 60.905 | 16.847 | 140.629 | 1117.445 | 1323.558 | 0.667 | 0.900 |
| 894.898 | 0.999 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 60.907 | 16.847 | 140.632 | 1119.697 | 1326.225 | 0.669 | 0.902 |
| 893.099 | 0.999 | 14.722 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 60.910 | 16.847 | 140.639 | 1123.830 | 1331.126 | 0.671 | 0.905 |
| 889.814 | 0.999 | 14.721 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 60.909 | 16.846 | 140.638 | 1122.762 | 1329.874 | 0.671 | 0.904 |
| 890.661 | 0.999 | 14.719 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 60.912 | 16.847 | 140.644 | 1124.094 | 1331.420 | 0.672 | 0.905 |
| 889.606 | 0.999 | 14.714 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 60.914 | 16.847 | 140.649 | 1120.903 | 1327.641 | 0.670 | 0.903 |
| 892.138 | 0.999 | 14.712 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 60.918 | 16.847 | 140.657 | 1121.545 | 1328.409 | 0.670 | 0.903 |
| 891.627 | 0.999 | 14.708 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 60.924 | 16.846 | 140.672 | 1119.453 | 1325.947 | 0.669 | 0.902 |
| 893.294 | 0.999 | 14.707 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 60.924 | 16.847 | 140.670 | 1117.885 | 1324.072 | 0.668 | 0.900 |
| 894.546 | 0.999 | 14.708 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 60.924 | 16.847 | 140.671 | 1119.528 | 1326.028 | 0.669 | 0.902 |
| 893.233 | 0.999 | 14.704 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 60.927 | 16.847 | 140.677 | 1123.091 | 1330.238 | 0.671 | 0.905 |
| 890.400 | 0.999 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 60.929 | 16.847 | 140.684 | 1120.433 | 1327.087 | 0.669 | 0.902 |
| 892.512 | 0.999 | 14.703 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 60.927 | 16.846 | 140.679 | 1116.108 | 1321.996 | 0.667 | 0.899 |
| 895.971 | 0.999 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 60.931 | 16.848 | 140.689 | 1119.423 | 1325.864 | 0.669 | 0.902 |
| 893.318 | 0.999 | 14.706 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 60.936 | 16.847 | 140.699 | 1120.383 | 1327.032 | 0.669 | 0.902 |
| 892.552 | 0.999 | 14.702 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 60.939 | 16.846 | 140.707 | 1118.075 | 1324.320 | 0.668 | 0.901 |
| 894.395 | 0.999 | 14.706 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 60.940 | 16.847 | 140.710 | 1121.875 | 1328.800 | 0.670 | 0.904 |
| 891.365 | 0.999 | 14.708 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 60.942 | 16.846 | 140.713 | 1117.922 | 1324.149 | 0.668 | 0.900 |
| 894.517 | 0.999 | 14.705 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 60.940 | 16.846 | 140.710 | 1122.641 | 1329.733 | 0.671 | 0.904 |
| 890.757 | 0.999 | 14.703 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 60.947 | 16.846 | 140.724 | 1120.474 | 1327.177 | 0.669 | 0.902 |
| 892.480 | 0.999 | 14.700 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 60.943 | 16.846 | 140.715 | 1121.502 | 1328.379 | 0.670 | 0.903 |
| 891.661 | 0.999 | 14.703 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 60.953 | 16.847 | 140.740 | 1122.931 | 1330.058 | 0.671 | 0.904 |
| 890.527 | 0.999 | 14.702 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 60.943 | 16.846 | 140.717 | 1123.748 | 1331.060 | 0.671 | 0.905 |
| 889.879 | 0.999 | 14.710 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 60.942 | 16.847 | 140.714 | 1125.915 | 1333.596 | 0.673 | 0.907 |
| 888.167 | 0.999 | 14.709 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 60.949 | 16.847 | 140.729 | 1126.974 | 1334.845 | 0.673 | 0.908 |
| 887.332 | 0.999 | 14.707 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 60.952 | 16.847 | 140.736 | 1122.830 | 1329.923 | 0.671 | 0.904 |
| 890.607 | 0.999 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 60.950 | 16.846 | 140.731 | 1123.496 | 1330.752 | 0.671 | 0.905 |
| 890.079 | 0.999 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 60.949 | 16.845 | 140.729 | 1128.470 | 1336.672 | 0.674 | 0.909 |
| 886.156 | 0.999 | 14.704 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 60.949 | 16.846 | 140.728 | 1120.096 | 1326.722 | 0.669 | 0.902 |
| 892.781 | 0.999 | 14.708 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 60.953 | 16.847 | 140.738 | 1123.204 | 1330.380 | 0.671 | 0.905 |
| 890.310 | 0.999 | 14.703 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 60.951 | 16.847 | 140.734 | 1126.368 | 1334.120 | 0.673 | 0.907 |
| 887.809 | 0.999 | 14.706 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 60.952 | 16.846 | 140.737 | 1118.471 | 1324.807 | 0.668 | 0.901 |
| 894.078 | 0.999 | 14.705 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 60.949 | 16.846 | 140.730 | 1119.217 | 1325.691 | 0.668 | 0.901 |
| 893.482 | 0.999 | 14.708 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 60.956 | 16.845 | 140.745 | 1123.797 | 1331.135 | 0.671 | 0.905 |
| 889.840 | 0.999 | 14.703 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 60.958 | 16.846 | 140.751 | 1126.745 | 1334.592 | 0.673 | 0.908 |
| 887.513 | 0.999 | 14.704 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 60.948 | 16.846 | 140.728 | 1124.942 | 1332.454 | 0.672 | 0.906 |
| 888.934 | 0.999 | 14.706 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 60.954 | 16.846 | 140.741 | 1123.999 | 1331.337 | 0.671 | 0.905 |
| 889.680 | 0.999 | 14.705 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 60.954 | 16.845 | 140.740 | 1119.314 | 1325.814 | 0.669 | 0.902 |
| 893.404 | 0.999 | 14.699 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 60.952 | 16.844 | 140.737 | 1119.469 | 1326.035 | 0.669 | 0.902 |
| 893.280 | 0.999 | 14.700 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 60.959 | 16.846 | 140.753 | 1124.524 | 1331.965 | 0.672 | 0.906 |
| 889.265 | 0.999 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 60.953 | 16.847 | 140.738 | 1123.339 | 1330.536 | 0.671 | 0.905 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 890.203 | 0.999 | 14.692 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 60.955 | 16.847 | 140.744 | 1118.299 | 1324.557 | 0.668 | 0.901 |
| 894.215 | 0.999 | 14.691 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 60.952 | 16.845 | 140.735 | 1121.297 | 1328.170 | 0.670 | 0.903 |
| 891.825 | 0.999 | 14.697 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 60.957 | 16.846 | 140.748 | 1120.730 | 1327.478 | 0.669 | 0.903 |
| 892.275 | 0.999 | 14.692 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 60.956 | 16.845 | 140.746 | 1122.231 | 1329.269 | 0.670 | 0.904 |
| 891.082 | 0.999 | 14.691 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 60.953 | 16.847 | 140.738 | 1123.064 | 1330.216 | 0.671 | 0.905 |
| 890.421 | 0.999 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 60.954 | 16.847 | 140.740 | 1124.544 | 1331.951 | 0.672 | 0.906 |
| 889.249 | 0.999 | 14.689 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 60.961 | 16.847 | 140.758 | 1121.102 | 1327.882 | 0.670 | 0.903 |
| 891.979 | 0.999 | 14.681 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 60.952 | 16.845 | 140.737 | 1117.999 | 1324.259 | 0.668 | 0.900 |
| 894.455 | 0.999 | 14.685 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 60.949 | 16.846 | 140.730 | 1118.334 | 1324.627 | 0.668 | 0.901 |
| 894.187 | 0.999 | 14.688 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 60.946 | 16.847 | 140.722 | 1116.628 | 1322.593 | 0.667 | 0.899 |
| 895.553 | 0.999 | 14.686 | | | | | | |

Serial_number:
1071292
Project ID:
MPWSP TSW Long Term Pumping
Location:
MPWSP MW-6S
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 80.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: µS/cm

| Date | Time | ms | LEVEL | TEMPERATURE | CONDUCTIVITY |
|---|---|---|---|---|---|
| 1/5/2017 | 0:00:00 | 0 | 33.672 | 15.9 | 2066.1 |
| 1/5/2017 | 0:15:00 | 0 | 33.691 | 15.9 | 2066.1 |
| 1/5/2017 | 0:30:00 | 0 | 33.688 | 15.9 | 2066.1 |
| 1/5/2017 | 0:45:00 | 0 | 33.659 | 15.9 | 2066.1 |
| 1/5/2017 | 1:00:00 | 0 | 33.698 | 15.9 | 2066.1 |
| 1/5/2017 | 1:15:00 | 0 | 33.705 | 15.9 | 2066.1 |
| 1/5/2017 | 1:30:00 | 0 | 33.711 | 15.9 | 2066.1 |
| 1/5/2017 | 1:45:00 | 0 | 33.714 | 15.9 | 2066.1 |
| 1/5/2017 | 2:00:00 | 0 | 33.69 | 15.9 | 2068.5 |
| 1/5/2017 | 2:15:00 | 0 | 33.684 | 15.9 | 2066.1 |
| 1/5/2017 | 2:30:00 | 0 | 33.671 | 15.9 | 2066.1 |
| 1/5/2017 | 2:45:00 | 0 | 33.688 | 15.9 | 2068.5 |
| 1/5/2017 | 3:00:00 | 0 | 33.704 | 15.9 | 2066.1 |
| 1/5/2017 | 3:15:00 | 0 | 33.641 | 15.9 | 2068.5 |
| 1/5/2017 | 3:30:00 | 0 | 33.731 | 15.9 | 2068.5 |
| 1/5/2017 | 3:45:00 | 0 | 33.746 | 15.9 | 2068.5 |
| 1/5/2017 | 4:00:00 | 0 | 33.689 | 15.9 | 2068.5 |
| 1/5/2017 | 4:15:00 | 0 | 33.727 | 15.9 | 2068.5 |
| 1/5/2017 | 4:30:00 | 0 | 33.666 | 15.9 | 2068.5 |
| 1/5/2017 | 4:45:00 | 0 | 33.731 | 15.9 | 2068.5 |
| 1/5/2017 | 5:00:00 | 0 | 33.726 | 15.9 | 2068.5 |
| 1/5/2017 | 5:15:00 | 0 | 33.692 | 15.9 | 2068.5 |
| 1/5/2017 | 5:30:00 | 0 | 33.71 | 15.9 | 2068.5 |
| 1/5/2017 | 5:45:00 | 0 | 33.714 | 15.9 | 2069.7 |
| 1/5/2017 | 6:00:00 | 0 | 33.682 | 15.9 | 2069.7 |
| 1/5/2017 | 6:15:00 | 0 | 33.694 | 15.9 | 2068.5 |
| 1/5/2017 | 6:30:00 | 0 | 33.711 | 15.9 | 2068.5 |
| 1/5/2017 | 6:45:00 | 0 | 33.744 | 15.9 | 2069.7 |
| 1/5/2017 | 7:00:00 | 0 | 33.722 | 15.9 | 2068.5 |
| 1/5/2017 | 7:15:00 | 0 | 33.717 | 15.9 | 2068.5 |
| 1/5/2017 | 7:30:00 | 0 | 33.72 | 15.9 | 2069.7 |

| | | | | | |
|---|---|---|---|---|---|
| 1/5/2017 | 7:45:00 | 0 | 33.682 | 15.9 | 2069.7 |
| 1/5/2017 | 8:00:00 | 0 | 33.698 | 15.9 | 2069.7 |
| 1/5/2017 | 8:15:00 | 0 | 33.644 | 15.9 | 2069.7 |
| 1/5/2017 | 8:30:00 | 0 | 33.735 | 15.9 | 2069.7 |
| 1/5/2017 | 8:45:00 | 0 | 33.68 | 15.9 | 2069.7 |
| 1/5/2017 | 9:00:00 | 0 | 33.674 | 15.9 | 2069.7 |
| 1/5/2017 | 9:15:00 | 0 | 33.671 | 15.9 | 2072 |
| 1/5/2017 | 9:30:00 | 0 | 33.722 | 15.9 | 2070.9 |
| 1/5/2017 | 9:45:00 | 0 | 33.719 | 15.9 | 2072 |
| 1/5/2017 | 10:00:00 | 0 | 33.656 | 15.9 | 2070.9 |
| 1/5/2017 | 10:15:00 | 0 | 33.661 | 15.9 | 2070.9 |
| 1/5/2017 | 10:30:00 | 0 | 33.683 | 15.9 | 2070.9 |
| 1/5/2017 | 10:45:00 | 0 | 33.72 | 15.9 | 2070.9 |
| 1/5/2017 | 11:00:00 | 0 | 33.678 | 15.9 | 2070.9 |
| 1/5/2017 | 11:15:00 | 0 | 33.762 | 15.9 | 2070.9 |
| 1/5/2017 | 11:30:00 | 0 | 33.669 | 15.9 | 2070.9 |
| 1/5/2017 | 11:45:00 | 0 | 33.679 | 15.9 | 2070.9 |
| 1/5/2017 | 12:00:00 | 0 | 33.697 | 15.9 | 2070.9 |
| 1/5/2017 | 12:15:00 | 0 | 33.703 | 15.9 | 2070.9 |
| 1/5/2017 | 12:30:00 | 0 | 33.764 | 15.9 | 2070.9 |
| 1/5/2017 | 12:45:00 | 0 | 33.725 | 15.9 | 2070.9 |
| 1/5/2017 | 13:00:00 | 0 | 33.693 | 15.9 | 2070.9 |
| 1/5/2017 | 13:15:00 | 0 | 33.675 | 15.9 | 2070.9 |
| 1/5/2017 | 13:30:00 | 0 | 33.74 | 15.9 | 2070.9 |
| 1/5/2017 | 13:45:00 | 0 | 33.736 | 15.9 | 2070.9 |
| 1/5/2017 | 14:00:00 | 0 | 33.69 | 15.9 | 2072 |
| 1/5/2017 | 14:15:00 | 0 | 33.671 | 15.9 | 2072 |
| 1/5/2017 | 14:30:00 | 0 | 33.714 | 15.9 | 2072 |
| 1/5/2017 | 14:45:00 | 0 | 33.712 | 15.9 | 2072 |
| 1/5/2017 | 15:00:00 | 0 | 33.676 | 15.9 | 2072 |
| 1/5/2017 | 15:15:00 | 0 | 33.681 | 15.9 | 2070.9 |
| 1/5/2017 | 15:30:00 | 0 | 33.674 | 15.9 | 2072 |
| 1/5/2017 | 15:45:00 | 0 | 33.677 | 15.9 | 2072 |
| 1/5/2017 | 16:00:00 | 0 | 33.751 | 15.9 | 2072 |
| 1/5/2017 | 16:15:00 | 0 | 33.689 | 15.9 | 2070.9 |
| 1/5/2017 | 16:30:00 | 0 | 33.694 | 15.9 | 2072 |
| 1/5/2017 | 16:45:00 | 0 | 33.707 | 15.9 | 2070.9 |
| 1/5/2017 | 17:00:00 | 0 | 33.646 | 15.9 | 2072 |
| 1/5/2017 | 17:15:00 | 0 | 33.641 | 15.9 | 2072 |
| 1/5/2017 | 17:30:00 | 0 | 33.7 | 15.9 | 2070.9 |
| 1/5/2017 | 17:45:00 | 0 | 33.67 | 15.9 | 2072 |
| 1/5/2017 | 18:00:00 | 0 | 33.711 | 15.9 | 2072 |
| 1/5/2017 | 18:15:00 | 0 | 33.691 | 15.9 | 2070.9 |
| 1/5/2017 | 18:30:00 | 0 | 33.687 | 15.9 | 2070.9 |
| 1/5/2017 | 18:45:00 | 0 | 33.702 | 15.9 | 2070.9 |
| 1/5/2017 | 19:00:00 | 0 | 33.707 | 15.9 | 2072 |
| 1/5/2017 | 19:15:00 | 0 | 33.707 | 15.9 | 2072 |

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|---|---|---|---|---|---|
| 1/5/2017 | 19:30:00 | 0 | 33.664 | 15.9 | 2070.9 |
| 1/5/2017 | 19:45:00 | 0 | 33.705 | 15.9 | 2072 |
| 1/5/2017 | 20:00:00 | 0 | 33.685 | 15.9 | 2072 |
| 1/5/2017 | 20:15:00 | 0 | 33.662 | 15.9 | 2072 |
| 1/5/2017 | 20:30:00 | 0 | 33.724 | 15.9 | 2072 |
| 1/5/2017 | 20:45:00 | 0 | 33.704 | 15.9 | 2072 |
| 1/5/2017 | 21:00:00 | 0 | 33.68 | 15.9 | 2072 |
| 1/5/2017 | 21:15:00 | 0 | 33.675 | 15.9 | 2072 |
| 1/5/2017 | 21:30:00 | 0 | 33.727 | 15.9 | 2072 |
| 1/5/2017 | 21:45:00 | 0 | 33.724 | 15.9 | 2072 |
| 1/5/2017 | 22:00:00 | 0 | 33.745 | 15.9 | 2072 |
| 1/5/2017 | 22:15:00 | 0 | 33.681 | 15.9 | 2074.4 |
| 1/5/2017 | 22:30:00 | 0 | 33.739 | 15.9 | 2072 |
| 1/5/2017 | 22:45:00 | 0 | 33.725 | 15.9 | 2074.4 |
| 1/5/2017 | 23:00:00 | 0 | 33.727 | 15.9 | 2074.4 |
| 1/5/2017 | 23:15:00 | 0 | 33.707 | 15.9 | 2074.4 |
| 1/5/2017 | 23:30:00 | 0 | 33.727 | 15.9 | 2074.4 |
| 1/5/2017 | 23:45:00 | 0 | 33.722 | 15.9 | 2075.6 |
| 1/6/2017 | 0:00:00 | 0 | 33.72 | 15.9 | 2074.4 |
| 1/6/2017 | 0:15:00 | 0 | 33.719 | 15.9 | 2074.4 |
| 1/6/2017 | 0:30:00 | 0 | 33.689 | 15.9 | 2074.4 |
| 1/6/2017 | 0:45:00 | 0 | 33.75 | 15.9 | 2074.4 |
| 1/6/2017 | 1:00:00 | 0 | 33.71 | 15.9 | 2074.4 |
| 1/6/2017 | 1:15:00 | 0 | 33.709 | 15.9 | 2074.4 |
| 1/6/2017 | 1:30:00 | 0 | 33.654 | 15.9 | 2074.4 |
| 1/6/2017 | 1:45:00 | 0 | 33.65 | 15.9 | 2074.4 |
| 1/6/2017 | 2:00:00 | 0 | 33.73 | 15.9 | 2074.4 |
| 1/6/2017 | 2:15:00 | 0 | 33.726 | 15.9 | 2074.4 |
| 1/6/2017 | 2:30:00 | 0 | 33.713 | 15.9 | 2074.4 |
| 1/6/2017 | 2:45:00 | 0 | 33.699 | 15.9 | 2074.4 |
| 1/6/2017 | 3:00:00 | 0 | 33.688 | 15.9 | 2075.6 |
| 1/6/2017 | 3:15:00 | 0 | 33.714 | 15.9 | 2075.6 |
| 1/6/2017 | 3:30:00 | 0 | 33.712 | 15.9 | 2075.6 |
| 1/6/2017 | 3:45:00 | 0 | 33.732 | 15.9 | 2075.6 |
| 1/6/2017 | 4:00:00 | 0 | 33.717 | 15.9 | 2075.6 |
| 1/6/2017 | 4:15:00 | 0 | 33.742 | 15.9 | 2075.6 |
| 1/6/2017 | 4:30:00 | 0 | 33.685 | 15.9 | 2075.6 |
| 1/6/2017 | 4:45:00 | 0 | 33.727 | 15.9 | 2075.6 |
| 1/6/2017 | 5:00:00 | 0 | 33.767 | 15.9 | 2075.6 |
| 1/6/2017 | 5:15:00 | 0 | 33.697 | 15.9 | 2075.6 |
| 1/6/2017 | 5:30:00 | 0 | 33.676 | 15.9 | 2075.6 |
| 1/6/2017 | 5:45:00 | 0 | 33.74 | 15.9 | 2075.6 |
| 1/6/2017 | 6:00:00 | 0 | 33.725 | 15.9 | 2075.6 |
| 1/6/2017 | 6:15:00 | 0 | 33.718 | 15.9 | 2075.6 |
| 1/6/2017 | 6:30:00 | 0 | 33.699 | 15.9 | 2076.8 |
| 1/6/2017 | 6:45:00 | 0 | 33.719 | 15.9 | 2075.6 |
| 1/6/2017 | 7:00:00 | 0 | 33.687 | 15.9 | 2075.6 |

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|---|---|---|---|---|---|
| 1/6/2017 | 7:15:00 | 0 | 33.765 | 15.9 | 2075.6 |
| 1/6/2017 | 7:30:00 | 0 | 33.738 | 15.9 | 2075.6 |
| 1/6/2017 | 7:45:00 | 0 | 33.675 | 15.9 | 2075.6 |
| 1/6/2017 | 8:00:00 | 0 | 33.723 | 15.9 | 2076.8 |
| 1/6/2017 | 8:15:00 | 0 | 33.698 | 15.9 | 2076.8 |
| 1/6/2017 | 8:30:00 | 0 | 33.711 | 15.9 | 2075.6 |
| 1/6/2017 | 8:45:00 | 0 | 33.661 | 15.9 | 2076.8 |
| 1/6/2017 | 9:00:00 | 0 | 33.637 | 15.9 | 2076.8 |
| 1/6/2017 | 9:15:00 | 0 | 33.652 | 15.9 | 2076.8 |
| 1/6/2017 | 9:30:00 | 0 | 33.669 | 15.9 | 2076.8 |
| 1/6/2017 | 9:45:00 | 0 | 33.691 | 15.9 | 2076.8 |
| 1/6/2017 | 10:00:00 | 0 | 33.678 | 15.9 | 2075.6 |
| 1/6/2017 | 10:15:00 | 0 | 33.658 | 15.9 | 2076.8 |
| 1/6/2017 | 10:30:00 | 0 | 33.656 | 15.9 | 2076.8 |
| 1/6/2017 | 10:45:00 | 0 | 33.657 | 15.9 | 2076.8 |
| 1/6/2017 | 11:00:00 | 0 | 33.678 | 15.9 | 2076.8 |
| 1/6/2017 | 11:15:00 | 0 | 33.711 | 15.9 | 2076.8 |
| 1/6/2017 | 11:30:00 | 0 | 33.614 | 15.9 | 2076.8 |
| 1/6/2017 | 11:45:00 | 0 | 33.677 | 15.9 | 2076.8 |
| 1/6/2017 | 12:00:00 | 0 | 33.688 | 15.9 | 2076.8 |
| 1/6/2017 | 12:15:00 | 0 | 33.717 | 15.9 | 2076.8 |
| 1/6/2017 | 12:30:00 | 0 | 33.677 | 15.9 | 2076.8 |
| 1/6/2017 | 12:45:00 | 0 | 33.677 | 15.9 | 2076.8 |
| 1/6/2017 | 13:00:00 | 0 | 33.687 | 15.9 | 2076.8 |
| 1/6/2017 | 13:15:00 | 0 | 33.685 | 15.9 | 2076.8 |
| 1/6/2017 | 13:30:00 | 0 | 33.715 | 15.9 | 2076.8 |
| 1/6/2017 | 13:45:00 | 0 | 33.666 | 15.9 | 2076.8 |
| 1/6/2017 | 14:00:00 | 0 | 33.662 | 15.9 | 2076.8 |
| 1/6/2017 | 14:15:00 | 0 | 33.667 | 15.9 | 2076.8 |
| 1/6/2017 | 14:30:00 | 0 | 33.695 | 15.9 | 2076.8 |
| 1/6/2017 | 14:45:00 | 0 | 33.677 | 15.9 | 2076.8 |
| 1/6/2017 | 15:00:00 | 0 | 33.673 | 15.9 | 2076.8 |
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| 1/6/2017 | 15:45:00 | 0 | 33.67 | 15.9 | 2076.8 |
| 1/6/2017 | 16:00:00 | 0 | 33.734 | 15.9 | 2078 |
| 1/6/2017 | 16:15:00 | 0 | 33.682 | 15.9 | 2076.8 |
| 1/6/2017 | 16:30:00 | 0 | 33.699 | 15.9 | 2076.8 |
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| 1/6/2017 | 18:45:00 | 0 | 33.703 | 15.9 | 2078 |

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| 1/6/2017 | 19:45:00 | 0 | 33.694 | 15.9 | 2076.8 |
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| 1/6/2017 | 20:15:00 | 0 | 33.754 | 15.9 | 2076.8 |
| 1/6/2017 | 20:30:00 | 0 | 33.652 | 15.9 | 2078 |
| 1/6/2017 | 20:45:00 | 0 | 33.662 | 15.9 | 2076.8 |
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| 1/6/2017 | 21:15:00 | 0 | 33.683 | 15.9 | 2076.8 |
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| 1/7/2017 | 0:45:00 | 0 | 33.724 | 15.9 | 2078 |
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| 1/7/2017 | 8:45:00 | 0 | 33.676 | 15.9 | 2078 |
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| 1/7/2017 | 10:00:00 | 0 | 33.59 | 15.9 | 2078 |
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| 1/7/2017 | 12:45:00 | 0 | 33.667 | 15.9 | 2078 |
| 1/7/2017 | 13:00:00 | 0 | 33.62 | 15.9 | 2078 |
| 1/7/2017 | 13:15:00 | 0 | 33.698 | 15.9 | 2078 |
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| 1/7/2017 | 14:00:00 | 0 | 33.62 | 15.9 | 2078 |
| 1/7/2017 | 14:15:00 | 0 | 33.637 | 15.9 | 2078 |
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| 1/7/2017 | 15:00:00 | 0 | 33.636 | 15.9 | 2078 |
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| 1/7/2017 | 16:15:00 | 0 | 33.635 | 15.9 | 2078 |
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| 1/7/2017 | 17:45:00 | 0 | 33.591 | 15.9 | 2078 |
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| 1/7/2017 | 18:45:00 | 0 | 33.648 | 15.9 | 2078 |
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| 1/7/2017 | 19:15:00 | 0 | 33.66 | 15.9 | 2078 |
| 1/7/2017 | 19:30:00 | 0 | 33.625 | 15.9 | 2078 |
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| 1/7/2017 | 23:00:00 | 0 | 33.705 | 15.9 | 2078 |
| 1/7/2017 | 23:15:00 | 0 | 33.679 | 15.9 | 2078 |
| 1/7/2017 | 23:30:00 | 0 | 33.63 | 15.9 | 2078 |
| 1/7/2017 | 23:45:00 | 0 | 33.668 | 15.9 | 2078 |
| 1/8/2017 | 0:00:00 | 0 | 33.666 | 15.9 | 2078 |
| 1/8/2017 | 0:15:00 | 0 | 33.623 | 15.9 | 2078 |
| 1/8/2017 | 0:30:00 | 0 | 33.637 | 15.9 | 2076.8 |
| 1/8/2017 | 0:45:00 | 0 | 33.646 | 15.9 | 2076.8 |
| 1/8/2017 | 1:00:00 | 0 | 33.689 | 15.9 | 2078 |
| 1/8/2017 | 1:15:00 | 0 | 33.701 | 15.9 | 2076.8 |
| 1/8/2017 | 1:30:00 | 0 | 33.649 | 15.9 | 2078 |
| 1/8/2017 | 1:45:00 | 0 | 33.685 | 15.9 | 2078 |
| 1/8/2017 | 2:00:00 | 0 | 33.7 | 15.9 | 2078 |
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| 1/8/2017 | 3:15:00 | 0 | 33.723 | 15.9 | 2078 |
| 1/8/2017 | 3:30:00 | 0 | 33.704 | 15.9 | 2078 |
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| 1/8/2017 | 4:15:00 | 0 | 33.744 | 15.9 | 2078 |
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| 1/8/2017 | 5:15:00 | 0 | 33.66 | 15.9 | 2078 |
| 1/8/2017 | 5:30:00 | 0 | 33.703 | 15.9 | 2078 |
| 1/8/2017 | 5:45:00 | 0 | 33.688 | 15.9 | 2078 |
| 1/8/2017 | 6:00:00 | 0 | 33.682 | 15.9 | 2078 |

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| 1/8/2017 | 6:30:00 | 0 | 33.693 | 15.9 | 2078 |
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| 1/8/2017 | 8:15:00 | 0 | 33.686 | 15.9 | 2078 |
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| 1/8/2017 | 8:45:00 | 0 | 33.646 | 15.9 | 2078 |
| 1/8/2017 | 9:00:00 | 0 | 33.703 | 15.9 | 2078 |
| 1/8/2017 | 9:15:00 | 0 | 33.655 | 15.9 | 2078 |
| 1/8/2017 | 9:30:00 | 0 | 33.689 | 15.9 | 2078 |
| 1/8/2017 | 9:45:00 | 0 | 33.709 | 15.9 | 2078 |
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| 1/8/2017 | 11:00:00 | 0 | 33.695 | 15.9 | 2078 |
| 1/8/2017 | 11:15:00 | 0 | 33.705 | 15.9 | 2078 |
| 1/8/2017 | 11:30:00 | 0 | 33.676 | 15.9 | 2078 |
| 1/8/2017 | 11:45:00 | 0 | 33.704 | 15.9 | 2078 |
| 1/8/2017 | 12:00:00 | 0 | 33.722 | 15.9 | 2078 |
| 1/8/2017 | 12:15:00 | 0 | 33.72 | 15.9 | 2078 |
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| 1/8/2017 | 12:45:00 | 0 | 33.705 | 15.9 | 2078 |
| 1/8/2017 | 13:00:00 | 0 | 33.708 | 15.9 | 2078 |
| 1/8/2017 | 13:15:00 | 0 | 33.712 | 15.9 | 2078 |
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| 1/8/2017 | 15:15:00 | 0 | 33.697 | 15.9 | 2078 |
| 1/8/2017 | 15:30:00 | 0 | 33.695 | 15.9 | 2078 |
| 1/8/2017 | 15:45:00 | 0 | 33.723 | 15.9 | 2078 |
| 1/8/2017 | 16:00:00 | 0 | 33.683 | 15.9 | 2078 |
| 1/8/2017 | 16:15:00 | 0 | 33.708 | 15.9 | 2080.3 |
| 1/8/2017 | 16:30:00 | 0 | 33.723 | 15.9 | 2078 |
| 1/8/2017 | 16:45:00 | 0 | 33.746 | 15.9 | 2078 |
| 1/8/2017 | 17:00:00 | 0 | 33.711 | 15.9 | 2080.3 |
| 1/8/2017 | 17:15:00 | 0 | 33.666 | 15.9 | 2080.3 |
| 1/8/2017 | 17:30:00 | 0 | 33.728 | 15.9 | 2080.3 |
| 1/8/2017 | 17:45:00 | 0 | 33.661 | 15.9 | 2080.3 |

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| 1/8/2017 | 18:00:00 | 0 | 33.729 | 15.9 | 2080.3 |
| 1/8/2017 | 18:15:00 | 0 | 33.705 | 15.9 | 2080.3 |
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| 1/8/2017 | 18:45:00 | 0 | 33.658 | 15.9 | 2080.3 |
| 1/8/2017 | 19:00:00 | 0 | 33.702 | 15.9 | 2080.3 |
| 1/8/2017 | 19:15:00 | 0 | 33.72 | 15.9 | 2080.3 |
| 1/8/2017 | 19:30:00 | 0 | 33.736 | 15.9 | 2080.3 |
| 1/8/2017 | 19:45:00 | 0 | 33.65 | 15.9 | 2080.3 |
| 1/8/2017 | 20:00:00 | 0 | 33.727 | 15.9 | 2080.3 |
| 1/8/2017 | 20:15:00 | 0 | 33.665 | 15.9 | 2080.3 |
| 1/8/2017 | 20:30:00 | 0 | 33.727 | 15.9 | 2080.3 |
| 1/8/2017 | 20:45:00 | 0 | 33.762 | 15.9 | 2080.3 |
| 1/8/2017 | 21:00:00 | 0 | 33.736 | 15.9 | 2080.3 |
| 1/8/2017 | 21:15:00 | 0 | 33.734 | 15.9 | 2080.3 |
| 1/8/2017 | 21:30:00 | 0 | 33.736 | 15.9 | 2080.3 |
| 1/8/2017 | 21:45:00 | 0 | 33.688 | 15.9 | 2080.3 |
| 1/8/2017 | 22:00:00 | 0 | 33.709 | 15.9 | 2080.3 |
| 1/8/2017 | 22:15:00 | 0 | 33.726 | 15.9 | 2081.5 |
| 1/8/2017 | 22:30:00 | 0 | 33.661 | 15.9 | 2080.3 |
| 1/8/2017 | 22:45:00 | 0 | 33.721 | 15.9 | 2080.3 |
| 1/8/2017 | 23:00:00 | 0 | 33.753 | 15.9 | 2081.5 |
| 1/8/2017 | 23:15:00 | 0 | 33.707 | 15.9 | 2080.3 |
| 1/8/2017 | 23:30:00 | 0 | 33.766 | 15.9 | 2080.3 |
| 1/8/2017 | 23:45:00 | 0 | 33.74 | 15.9 | 2081.5 |
| 1/9/2017 | 0:00:00 | 0 | 33.774 | 15.9 | 2080.3 |
| 1/9/2017 | 0:15:00 | 0 | 33.712 | 15.9 | 2081.5 |
| 1/9/2017 | 0:30:00 | 0 | 33.758 | 15.9 | 2081.5 |
| 1/9/2017 | 0:45:00 | 0 | 33.746 | 15.9 | 2081.5 |
| 1/9/2017 | 1:00:00 | 0 | 33.734 | 15.9 | 2081.5 |
| 1/9/2017 | 1:15:00 | 0 | 33.745 | 15.9 | 2081.5 |
| 1/9/2017 | 1:30:00 | 0 | 33.697 | 15.9 | 2081.5 |
| 1/9/2017 | 1:45:00 | 0 | 33.793 | 15.9 | 2081.5 |
| 1/9/2017 | 2:00:00 | 0 | 33.726 | 15.9 | 2081.5 |
| 1/9/2017 | 2:15:00 | 0 | 33.702 | 15.9 | 2081.5 |
| 1/9/2017 | 2:30:00 | 0 | 33.707 | 15.9 | 2082.7 |
| 1/9/2017 | 2:45:00 | 0 | 33.714 | 15.9 | 2081.5 |
| 1/9/2017 | 3:00:00 | 0 | 33.728 | 15.9 | 2081.5 |
| 1/9/2017 | 3:15:00 | 0 | 33.729 | 15.9 | 2082.7 |
| 1/9/2017 | 3:30:00 | 0 | 33.747 | 15.9 | 2082.7 |
| 1/9/2017 | 3:45:00 | 0 | 33.75 | 15.9 | 2082.7 |
| 1/9/2017 | 4:00:00 | 0 | 33.692 | 15.9 | 2082.7 |
| 1/9/2017 | 4:15:00 | 0 | 33.708 | 15.9 | 2082.7 |
| 1/9/2017 | 4:30:00 | 0 | 33.726 | 15.9 | 2082.7 |
| 1/9/2017 | 4:45:00 | 0 | 33.739 | 15.9 | 2082.7 |
| 1/9/2017 | 5:00:00 | 0 | 33.782 | 15.9 | 2082.7 |
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| 1/9/2017 | 5:30:00 | 0 | 33.685 | 15.9 | 2085 |

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| 1/9/2017 | 5:45:00 | 0 | 33.725 | 15.9 | 2085 |
| 1/9/2017 | 6:00:00 | 0 | 33.747 | 15.9 | 2082.7 |
| 1/9/2017 | 6:15:00 | 0 | 33.737 | 15.9 | 2082.7 |
| 1/9/2017 | 6:30:00 | 0 | 33.667 | 15.9 | 2085 |
| 1/9/2017 | 6:45:00 | 0 | 33.716 | 15.9 | 2085 |
| 1/9/2017 | 7:00:00 | 0 | 33.76 | 15.9 | 2085 |
| 1/9/2017 | 7:15:00 | 0 | 33.727 | 15.9 | 2085 |
| 1/9/2017 | 7:30:00 | 0 | 33.678 | 15.9 | 2085 |
| 1/9/2017 | 7:45:00 | 0 | 33.755 | 15.9 | 2085 |
| 1/9/2017 | 8:00:00 | 0 | 33.667 | 15.9 | 2085 |
| 1/9/2017 | 8:15:00 | 0 | 33.714 | 15.9 | 2085 |
| 1/9/2017 | 8:30:00 | 0 | 33.762 | 15.9 | 2085 |
| 1/9/2017 | 8:45:00 | 0 | 33.722 | 15.9 | 2085 |
| 1/9/2017 | 9:00:00 | 0 | 33.717 | 15.9 | 2085 |
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| 1/9/2017 | 9:30:00 | 0 | 33.703 | 15.9 | 2086.2 |
| 1/9/2017 | 9:45:00 | 0 | 33.725 | 15.9 | 2085 |
| 1/9/2017 | 10:00:00 | 0 | 33.7 | 15.9 | 2085 |
| 1/9/2017 | 10:15:00 | 0 | 33.601 | 15.9 | 2086.2 |
| 1/9/2017 | 10:30:00 | 0 | 33.728 | 15.9 | 2086.2 |
| 1/9/2017 | 10:45:00 | 0 | 33.682 | 15.9 | 2086.2 |
| 1/9/2017 | 11:00:00 | 0 | 33.782 | 15.9 | 2086.2 |
| 1/9/2017 | 11:15:00 | 0 | 33.718 | 15.9 | 2087.4 |
| 1/9/2017 | 11:30:00 | 0 | 33.811 | 15.9 | 2086.2 |
| 1/9/2017 | 11:45:00 | 0 | 33.813 | 15.9 | 2086.2 |
| 1/9/2017 | 12:00:00 | 0 | 33.766 | 15.9 | 2087.4 |
| 1/9/2017 | 12:15:00 | 0 | 33.783 | 15.9 | 2086.2 |
| 1/9/2017 | 12:30:00 | 0 | 33.773 | 15.9 | 2087.4 |
| 1/9/2017 | 12:45:00 | 0 | 33.711 | 15.9 | 2087.4 |
| 1/9/2017 | 13:00:00 | 0 | 33.748 | 15.9 | 2087.4 |
| 1/9/2017 | 13:15:00 | 0 | 33.779 | 15.9 | 2087.4 |
| 1/9/2017 | 13:30:00 | 0 | 33.758 | 15.9 | 2087.4 |
| 1/9/2017 | 13:45:00 | 0 | 33.704 | 15.9 | 2087.4 |
| 1/9/2017 | 14:00:00 | 0 | 33.737 | 15.9 | 2088.6 |
| 1/9/2017 | 14:15:00 | 0 | 33.759 | 15.9 | 2087.4 |
| 1/9/2017 | 14:30:00 | 0 | 33.725 | 15.9 | 2088.6 |
| 1/9/2017 | 14:45:00 | 0 | 33.735 | 15.9 | 2087.4 |
| 1/9/2017 | 15:00:00 | 0 | 33.709 | 15.9 | 2087.4 |
| 1/9/2017 | 15:15:00 | 0 | 33.768 | 15.9 | 2087.4 |
| 1/9/2017 | 15:30:00 | 0 | 33.722 | 15.9 | 2088.6 |
| 1/9/2017 | 15:45:00 | 0 | 33.74 | 15.9 | 2087.4 |
| 1/9/2017 | 16:00:00 | 0 | 33.768 | 15.9 | 2088.6 |
| 1/9/2017 | 16:15:00 | 0 | 33.72 | 15.9 | 2088.6 |
| 1/9/2017 | 16:30:00 | 0 | 33.751 | 15.9 | 2088.6 |
| 1/9/2017 | 16:45:00 | 0 | 33.772 | 15.9 | 2088.6 |
| 1/9/2017 | 17:00:00 | 0 | 33.768 | 15.9 | 2088.6 |
| 1/9/2017 | 17:15:00 | 0 | 33.712 | 15.9 | 2088.6 |

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|---|---|---|---|---|---|
| 1/9/2017 | 17:30:00 | 0 | 33.709 | 15.9 | 2088.6 |
| 1/9/2017 | 17:45:00 | 0 | 33.756 | 15.9 | 2088.6 |
| 1/9/2017 | 18:00:00 | 0 | 33.738 | 15.9 | 2088.6 |
| 1/9/2017 | 18:15:00 | 0 | 33.739 | 15.9 | 2091 |
| 1/9/2017 | 18:30:00 | 0 | 33.729 | 15.9 | 2091 |
| 1/9/2017 | 18:45:00 | 0 | 33.769 | 15.9 | 2091 |
| 1/9/2017 | 19:00:00 | 0 | 33.728 | 15.9 | 2091 |
| 1/9/2017 | 19:15:00 | 0 | 33.772 | 15.9 | 2091 |
| 1/9/2017 | 19:30:00 | 0 | 33.771 | 15.9 | 2091 |
| 1/9/2017 | 19:45:00 | 0 | 33.749 | 15.9 | 2091 |
| 1/9/2017 | 20:00:00 | 0 | 33.72 | 15.9 | 2091 |
| 1/9/2017 | 20:15:00 | 0 | 33.777 | 15.9 | 2092.1 |
| 1/9/2017 | 20:30:00 | 0 | 33.759 | 15.9 | 2091 |
| 1/9/2017 | 20:45:00 | 0 | 33.743 | 15.9 | 2092.1 |
| 1/9/2017 | 21:00:00 | 0 | 33.761 | 15.9 | 2091 |
| 1/9/2017 | 21:15:00 | 0 | 33.721 | 15.9 | 2092.1 |
| 1/9/2017 | 21:30:00 | 0 | 33.708 | 15.9 | 2092.1 |
| 1/9/2017 | 21:45:00 | 0 | 33.727 | 15.9 | 2092.1 |
| 1/9/2017 | 22:00:00 | 0 | 33.726 | 15.9 | 2092.1 |
| 1/9/2017 | 22:15:00 | 0 | 33.722 | 15.9 | 2092.1 |
| 1/9/2017 | 22:30:00 | 0 | 33.758 | 15.9 | 2092.1 |
| 1/9/2017 | 22:45:00 | 0 | 33.721 | 15.9 | 2092.1 |
| 1/9/2017 | 23:00:00 | 0 | 33.784 | 15.9 | 2092.1 |
| 1/9/2017 | 23:15:00 | 0 | 33.738 | 15.9 | 2092.1 |
| 1/9/2017 | 23:30:00 | 0 | 33.729 | 15.9 | 2092.1 |
| 1/9/2017 | 23:45:00 | 0 | 33.796 | 15.9 | 2092.1 |
| 1/10/2017 | 0:00:00 | 0 | 33.735 | 15.9 | 2092.1 |
| 1/10/2017 | 0:15:00 | 0 | 33.811 | 15.9 | 2093.3 |
| 1/10/2017 | 0:30:00 | 0 | 33.772 | 15.9 | 2092.1 |
| 1/10/2017 | 0:45:00 | 0 | 33.768 | 15.9 | 2092.1 |
| 1/10/2017 | 1:00:00 | 0 | 33.749 | 15.9 | 2093.3 |
| 1/10/2017 | 1:15:00 | 0 | 33.788 | 15.9 | 2093.3 |
| 1/10/2017 | 1:30:00 | 0 | 33.752 | 15.9 | 2093.3 |
| 1/10/2017 | 1:45:00 | 0 | 33.751 | 15.9 | 2093.3 |
| 1/10/2017 | 2:00:00 | 0 | 33.787 | 15.9 | 2093.3 |
| 1/10/2017 | 2:15:00 | 0 | 33.756 | 15.9 | 2093.3 |
| 1/10/2017 | 2:30:00 | 0 | 33.708 | 15.9 | 2093.3 |
| 1/10/2017 | 2:45:00 | 0 | 33.777 | 15.9 | 2093.3 |
| 1/10/2017 | 3:00:00 | 0 | 33.703 | 15.9 | 2093.3 |
| 1/10/2017 | 3:15:00 | 0 | 33.788 | 15.9 | 2093.3 |
| 1/10/2017 | 3:30:00 | 0 | 33.795 | 15.9 | 2093.3 |
| 1/10/2017 | 3:45:00 | 0 | 33.78 | 15.9 | 2093.3 |
| 1/10/2017 | 4:00:00 | 0 | 33.768 | 15.9 | 2094.5 |
| 1/10/2017 | 4:15:00 | 0 | 33.795 | 15.9 | 2093.3 |
| 1/10/2017 | 4:30:00 | 0 | 33.799 | 15.9 | 2094.5 |
| 1/10/2017 | 4:45:00 | 0 | 33.764 | 15.9 | 2094.5 |
| 1/10/2017 | 5:00:00 | 0 | 33.753 | 15.9 | 2094.5 |

| | | | | | |
|---|---|---|---|---|---|
| 1/10/2017 | 5:15:00 | 0 | 33.781 | 15.9 | 2094.5 |
| 1/10/2017 | 5:30:00 | 0 | 33.8 | 15.9 | 2094.5 |
| 1/10/2017 | 5:45:00 | 0 | 33.76 | 15.9 | 2094.5 |
| 1/10/2017 | 6:00:00 | 0 | 33.781 | 15.9 | 2094.5 |
| 1/10/2017 | 6:15:00 | 0 | 33.799 | 15.9 | 2094.5 |
| 1/10/2017 | 6:30:00 | 0 | 33.719 | 15.9 | 2094.5 |
| 1/10/2017 | 6:45:00 | 0 | 33.724 | 15.9 | 2096.9 |
| 1/10/2017 | 7:00:00 | 0 | 33.755 | 15.9 | 2096.9 |
| 1/10/2017 | 7:15:00 | 0 | 33.711 | 15.9 | 2096.9 |
| 1/10/2017 | 7:30:00 | 0 | 33.771 | 15.9 | 2096.9 |
| 1/10/2017 | 7:45:00 | 0 | 33.795 | 15.9 | 2096.9 |
| 1/10/2017 | 8:00:00 | 0 | 33.739 | 15.9 | 2096.9 |
| 1/10/2017 | 8:15:00 | 0 | 33.757 | 15.9 | 2096.9 |
| 1/10/2017 | 8:30:00 | 0 | 33.789 | 15.9 | 2096.9 |
| 1/10/2017 | 8:45:00 | 0 | 33.73 | 15.9 | 2096.9 |
| 1/10/2017 | 9:00:00 | 0 | 33.748 | 15.9 | 2096.9 |
| 1/10/2017 | 9:15:00 | 0 | 33.724 | 15.9 | 2096.9 |
| 1/10/2017 | 9:30:00 | 0 | 33.741 | 15.9 | 2096.9 |
| 1/10/2017 | 9:45:00 | 0 | 33.733 | 15.9 | 2096.9 |
| 1/10/2017 | 10:00:00 | 0 | 33.728 | 15.9 | 2096.9 |
| 1/10/2017 | 10:15:00 | 0 | 33.759 | 15.9 | 2098.1 |
| 1/10/2017 | 10:30:00 | 0 | 33.763 | 15.9 | 2098.1 |
| 1/10/2017 | 10:45:00 | 0 | 33.808 | 15.9 | 2096.9 |
| 1/10/2017 | 11:00:00 | 0 | 33.767 | 15.9 | 2098.1 |
| 1/10/2017 | 11:15:00 | 0 | 33.731 | 15.9 | 2096.9 |
| 1/10/2017 | 11:30:00 | 0 | 33.731 | 15.9 | 2098.1 |
| 1/10/2017 | 11:45:00 | 0 | 33.821 | 15.9 | 2098.1 |
| 1/10/2017 | 12:00:00 | 0 | 33.756 | 15.9 | 2098.1 |
| 1/10/2017 | 12:15:00 | 0 | 33.772 | 15.9 | 2098.1 |
| 1/10/2017 | 12:30:00 | 0 | 33.801 | 15.9 | 2098.1 |
| 1/10/2017 | 12:45:00 | 0 | 33.736 | 15.9 | 2098.1 |
| 1/10/2017 | 13:00:00 | 0 | 33.772 | 15.9 | 2098.1 |
| 1/10/2017 | 13:15:00 | 0 | 33.739 | 15.9 | 2098.1 |
| 1/10/2017 | 13:30:00 | 0 | 33.777 | 15.9 | 2098.1 |
| 1/10/2017 | 13:45:00 | 0 | 33.783 | 15.9 | 2098.1 |
| 1/10/2017 | 14:00:00 | 0 | 33.775 | 15.9 | 2098.1 |
| 1/10/2017 | 14:15:00 | 0 | 33.682 | 15.9 | 2098.1 |
| 1/10/2017 | 14:30:00 | 0 | 33.746 | 15.9 | 2098.1 |
| 1/10/2017 | 14:45:00 | 0 | 33.79 | 15.9 | 2098.1 |
| 1/10/2017 | 15:00:00 | 0 | 33.74 | 15.9 | 2098.1 |
| 1/10/2017 | 15:15:00 | 0 | 33.77 | 15.9 | 2098.1 |
| 1/10/2017 | 15:30:00 | 0 | 33.831 | 15.9 | 2098.1 |
| 1/10/2017 | 15:45:00 | 0 | 33.753 | 15.9 | 2098.1 |
| 1/10/2017 | 16:00:00 | 0 | 33.777 | 15.9 | 2098.1 |
| 1/10/2017 | 16:15:00 | 0 | 33.79 | 15.9 | 2098.1 |
| 1/10/2017 | 16:30:00 | 0 | 33.79 | 15.9 | 2098.1 |
| 1/10/2017 | 16:45:00 | 0 | 33.743 | 15.9 | 2099.2 |

| | | | | | |
|---|---|---|---|---|---|
| 1/10/2017 | 17:00:00 | 0 | 33.746 | 15.9 | 2098.1 |
| 1/10/2017 | 17:15:00 | 0 | 33.764 | 15.9 | 2099.2 |
| 1/10/2017 | 17:30:00 | 0 | 33.739 | 15.9 | 2099.2 |
| 1/10/2017 | 17:45:00 | 0 | 33.738 | 15.9 | 2099.2 |
| 1/10/2017 | 18:00:00 | 0 | 33.76 | 15.9 | 2099.2 |
| 1/10/2017 | 18:15:00 | 0 | 33.749 | 15.9 | 2099.2 |
| 1/10/2017 | 18:30:00 | 0 | 33.776 | 15.9 | 2099.2 |
| 1/10/2017 | 18:45:00 | 0 | 33.804 | 15.9 | 2099.2 |
| 1/10/2017 | 19:00:00 | 0 | 33.805 | 15.9 | 2099.2 |
| 1/10/2017 | 19:15:00 | 0 | 33.803 | 15.9 | 2098.1 |
| 1/10/2017 | 19:30:00 | 0 | 33.793 | 15.9 | 2099.2 |
| 1/10/2017 | 19:45:00 | 0 | 33.761 | 15.9 | 2099.2 |
| 1/10/2017 | 20:00:00 | 0 | 33.765 | 15.9 | 2099.2 |
| 1/10/2017 | 20:15:00 | 0 | 33.756 | 15.9 | 2099.2 |
| 1/10/2017 | 20:30:00 | 0 | 33.783 | 15.9 | 2099.2 |
| 1/10/2017 | 20:45:00 | 0 | 33.806 | 15.9 | 2099.2 |
| 1/10/2017 | 21:00:00 | 0 | 33.759 | 15.9 | 2099.2 |
| 1/10/2017 | 21:15:00 | 0 | 33.718 | 15.9 | 2099.2 |
| 1/10/2017 | 21:30:00 | 0 | 33.735 | 15.9 | 2099.2 |
| 1/10/2017 | 21:45:00 | 0 | 33.71 | 15.9 | 2099.2 |
| 1/10/2017 | 22:00:00 | 0 | 33.727 | 15.9 | 2099.2 |
| 1/10/2017 | 22:15:00 | 0 | 33.779 | 15.9 | 2099.2 |
| 1/10/2017 | 22:30:00 | 0 | 33.797 | 15.9 | 2099.2 |
| 1/10/2017 | 22:45:00 | 0 | 33.755 | 15.9 | 2099.2 |
| 1/10/2017 | 23:00:00 | 0 | 33.714 | 15.9 | 2100.4 |
| 1/10/2017 | 23:15:00 | 0 | 33.728 | 15.9 | 2099.2 |
| 1/10/2017 | 23:30:00 | 0 | 33.749 | 15.9 | 2100.4 |
| 1/10/2017 | 23:45:00 | 0 | 33.731 | 15.9 | 2099.2 |
| 1/11/2017 | 0:00:00 | 0 | 33.732 | 15.9 | 2100.4 |
| 1/11/2017 | 0:15:00 | 0 | 33.731 | 15.9 | 2099.2 |
| 1/11/2017 | 0:30:00 | 0 | 33.797 | 15.9 | 2100.4 |
| 1/11/2017 | 0:45:00 | 0 | 33.818 | 15.9 | 2100.4 |
| 1/11/2017 | 1:00:00 | 0 | 33.794 | 15.9 | 2100.4 |
| 1/11/2017 | 1:15:00 | 0 | 33.77 | 15.9 | 2100.4 |
| 1/11/2017 | 1:30:00 | 0 | 33.737 | 15.9 | 2100.4 |
| 1/11/2017 | 1:45:00 | 0 | 33.728 | 15.9 | 2100.4 |
| 1/11/2017 | 2:00:00 | 0 | 33.705 | 15.9 | 2100.4 |
| 1/11/2017 | 2:15:00 | 0 | 33.707 | 15.9 | 2100.4 |
| 1/11/2017 | 2:30:00 | 0 | 33.769 | 15.9 | 2100.4 |
| 1/11/2017 | 2:45:00 | 0 | 33.764 | 15.9 | 2099.2 |
| 1/11/2017 | 3:00:00 | 0 | 33.758 | 15.9 | 2100.4 |
| 1/11/2017 | 3:15:00 | 0 | 33.734 | 15.9 | 2100.4 |
| 1/11/2017 | 3:30:00 | 0 | 33.709 | 15.9 | 2099.2 |
| 1/11/2017 | 3:45:00 | 0 | 33.766 | 15.9 | 2100.4 |
| 1/11/2017 | 4:00:00 | 0 | 33.707 | 15.9 | 2100.4 |
| 1/11/2017 | 4:15:00 | 0 | 33.763 | 15.9 | 2099.2 |
| 1/11/2017 | 4:30:00 | 0 | 33.766 | 15.9 | 2100.4 |

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|---|---|---|---|---|---|
| 1/11/2017 | 4:45:00 | 0 | 33.772 | 15.9 | 2100.4 |
| 1/11/2017 | 5:00:00 | 0 | 33.794 | 15.9 | 2100.4 |
| 1/11/2017 | 5:15:00 | 0 | 33.755 | 15.9 | 2099.2 |
| 1/11/2017 | 5:30:00 | 0 | 33.735 | 15.9 | 2100.4 |
| 1/11/2017 | 5:45:00 | 0 | 33.757 | 15.9 | 2100.4 |
| 1/11/2017 | 6:00:00 | 0 | 33.707 | 15.9 | 2100.4 |
| 1/11/2017 | 6:15:00 | 0 | 33.72 | 15.9 | 2100.4 |
| 1/11/2017 | 6:30:00 | 0 | 33.752 | 15.9 | 2102.8 |
| 1/11/2017 | 6:45:00 | 0 | 33.769 | 15.9 | 2100.4 |
| 1/11/2017 | 7:00:00 | 0 | 33.707 | 15.9 | 2100.4 |
| 1/11/2017 | 7:15:00 | 0 | 33.765 | 15.9 | 2100.4 |
| 1/11/2017 | 7:30:00 | 0 | 33.739 | 15.9 | 2102.8 |
| 1/11/2017 | 7:45:00 | 0 | 33.752 | 15.9 | 2100.4 |
| 1/11/2017 | 8:00:00 | 0 | 33.77 | 15.9 | 2100.4 |
| 1/11/2017 | 8:15:00 | 0 | 33.727 | 15.9 | 2100.4 |
| 1/11/2017 | 8:30:00 | 0 | 33.763 | 15.9 | 2100.4 |
| 1/11/2017 | 8:45:00 | 0 | 33.735 | 15.9 | 2099.2 |
| 1/11/2017 | 9:00:00 | 0 | 33.726 | 15.9 | 2100.4 |
| 1/11/2017 | 9:15:00 | 0 | 33.762 | 15.9 | 2100.4 |
| 1/11/2017 | 9:30:00 | 0 | 33.735 | 15.9 | 2100.4 |
| 1/11/2017 | 9:45:00 | 0 | 33.746 | 15.9 | 2100.4 |
| 1/11/2017 | 10:00:00 | 0 | 33.758 | 15.9 | 2100.4 |
| 1/11/2017 | 10:15:00 | 0 | 33.743 | 15.9 | 2099.2 |
| 1/11/2017 | 10:30:00 | 0 | 33.755 | 15.9 | 2100.4 |
| 1/11/2017 | 10:45:00 | 0 | 33.727 | 15.9 | 2099.2 |
| 1/11/2017 | 11:00:00 | 0 | 33.771 | 15.9 | 2100.4 |
| 1/11/2017 | 11:15:00 | 0 | 33.758 | 15.9 | 2099.2 |
| 1/11/2017 | 11:30:00 | 0 | 33.718 | 15.9 | 2102.8 |
| 1/11/2017 | 11:45:00 | 0 | 33.719 | 15.9 | 2100.4 |
| 1/11/2017 | 12:00:00 | 0 | 33.79 | 15.9 | 2102.8 |
| 1/11/2017 | 12:15:00 | 0 | 33.752 | 15.9 | 2100.4 |
| 1/11/2017 | 12:30:00 | 0 | 33.8 | 15.9 | 2100.4 |
| 1/11/2017 | 12:45:00 | 0 | 33.745 | 15.9 | 2100.4 |
| 1/11/2017 | 13:00:00 | 0 | 33.767 | 15.9 | 2100.4 |
| 1/11/2017 | 13:15:00 | 0 | 33.733 | 15.9 | 2100.4 |
| 1/11/2017 | 13:30:00 | 0 | 33.76 | 15.9 | 2100.4 |
| 1/11/2017 | 13:45:00 | 0 | 33.755 | 15.9 | 2100.4 |
| 1/11/2017 | 14:00:00 | 0 | 33.775 | 15.9 | 2100.4 |
| 1/11/2017 | 14:15:00 | 0 | 33.737 | 15.9 | 2100.4 |
| 1/11/2017 | 14:30:00 | 0 | 33.741 | 15.9 | 2100.4 |
| 1/11/2017 | 14:45:00 | 0 | 33.738 | 15.9 | 2100.4 |
| 1/11/2017 | 15:00:00 | 0 | 33.77 | 15.9 | 2100.4 |
| 1/11/2017 | 15:15:00 | 0 | 33.731 | 15.9 | 2100.4 |
| 1/11/2017 | 15:30:00 | 0 | 33.815 | 15.9 | 2102.8 |
| 1/11/2017 | 15:45:00 | 0 | 33.738 | 15.9 | 2100.4 |
| 1/11/2017 | 16:00:00 | 0 | 33.742 | 15.9 | 2100.4 |
| 1/11/2017 | 16:15:00 | 0 | 33.743 | 15.9 | 2102.8 |

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|---|---|---|---|---|---|
| 1/11/2017 | 16:30:00 | 0 | 33.776 | 15.9 | 2102.8 |
| 1/11/2017 | 16:45:00 | 0 | 33.774 | 15.9 | 2102.8 |
| 1/11/2017 | 17:00:00 | 0 | 33.813 | 15.9 | 2099.2 |
| 1/11/2017 | 17:15:00 | 0 | 33.796 | 15.9 | 2102.8 |
| 1/11/2017 | 17:30:00 | 0 | 33.779 | 15.9 | 2100.4 |
| 1/11/2017 | 17:45:00 | 0 | 33.783 | 15.9 | 2100.4 |
| 1/11/2017 | 18:00:00 | 0 | 33.763 | 15.9 | 2100.4 |
| 1/11/2017 | 18:15:00 | 0 | 33.782 | 15.9 | 2100.4 |
| 1/11/2017 | 18:30:00 | 0 | 33.803 | 15.9 | 2100.4 |
| 1/11/2017 | 18:45:00 | 0 | 33.764 | 15.9 | 2100.4 |
| 1/11/2017 | 19:00:00 | 0 | 33.742 | 15.9 | 2100.4 |
| 1/11/2017 | 19:15:00 | 0 | 33.785 | 15.9 | 2100.4 |
| 1/11/2017 | 19:30:00 | 0 | 33.741 | 15.9 | 2102.8 |
| 1/11/2017 | 19:45:00 | 0 | 33.798 | 15.9 | 2102.8 |
| 1/11/2017 | 20:00:00 | 0 | 33.82 | 15.9 | 2102.8 |
| 1/11/2017 | 20:15:00 | 0 | 33.803 | 15.9 | 2102.8 |
| 1/11/2017 | 20:30:00 | 0 | 33.793 | 15.9 | 2102.8 |
| 1/11/2017 | 20:45:00 | 0 | 33.818 | 15.9 | 2102.8 |
| 1/11/2017 | 21:00:00 | 0 | 33.862 | 15.9 | 2100.4 |
| 1/11/2017 | 21:15:00 | 0 | 33.812 | 15.9 | 2100.4 |
| 1/11/2017 | 21:30:00 | 0 | 33.851 | 15.9 | 2102.8 |
| 1/11/2017 | 21:45:00 | 0 | 33.829 | 15.9 | 2100.4 |
| 1/11/2017 | 22:00:00 | 0 | 33.848 | 15.9 | 2100.4 |
| 1/11/2017 | 22:15:00 | 0 | 33.856 | 15.9 | 2100.4 |
| 1/11/2017 | 22:30:00 | 0 | 33.842 | 15.9 | 2102.8 |
| 1/11/2017 | 22:45:00 | 0 | 33.847 | 15.9 | 2102.8 |
| 1/11/2017 | 23:00:00 | 0 | 33.83 | 15.9 | 2100.4 |
| 1/11/2017 | 23:15:00 | 0 | 33.789 | 15.9 | 2102.8 |
| 1/11/2017 | 23:30:00 | 0 | 33.833 | 15.9 | 2102.8 |
| 1/11/2017 | 23:45:00 | 0 | 33.86 | 15.9 | 2102.8 |

Report Date: 1/16/2017 8:33:04 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-7D LT Test_2017-01-12_15-18-30-184-BaroMerge.wsl
Create Date: 1/16/2017 8:29:56 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-7D
Device Name:
Serial Number: 441205
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-7D LT Test
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/2/2016 4:37:54 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 3/2/2016 5:15:00 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: 1.012

Other Log Settings
Depth of Probe: 33.6308 (ft)
Head Pressure: 14.7548 (PSI)
Temperature: 16.8378 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 3/2/2016 4:38:03 PM | Used Battery: 0% Used Memory: 1% User Name: CShaw |
| 3/2/2016 4:41:45 PM | Sensor SN: 441205 Cache Timeout: 1000 User Name: CShaw |
| 3/2/2016 4:46:33 PM | Device Taken Offline |
| 3/2/2016 4:47:43 PM | Conductivity calibration.<br>Sensor SN: 441205<br>Cell Constant: 1.00383 Cell Offset: 0<br>Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw |
| 3/2/2016 4:55:15 PM | Device Put Online |
| 3/2/2016 4:55:16 PM | Sensor SN: 441205 Cache Timeout: 1750 User Name: CShaw |
| 3/2/2016 5:20:15 PM | Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 4:15:00 PM Stop Time: 3/2/2016 5:15:00 PM |
| 3/2/2016 5:22:21 PM | Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 5:15:00 PM Stop Time: 3/2/2016 6:15:00 PM |
| 3/3/2016 11:51:10 AM | Log Download - Used Battery: 0% Used Memory: 1% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM |
| 3/10/2016 7:39:34 AM | Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar |
| 3/17/2016 1:42:42 PM | Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 2:30:00 PM |
| 3/24/2016 9:43:49 AM | Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM |
| 3/31/2016 11:40:58 AM | Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:30:00 PM |
| 4/7/2016 10:42:35 AM | Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM |
| 4/14/2016 8:52:02 AM | Log Download - Used Battery: 3% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 8:45:00 AM |
| 4/21/2016 9:43:29 AM | Log Download - Used Battery: 3% Used Memory: 6% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 10:30:00 AM |
| 4/28/2016 10:15:04 AM | Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM |
| 5/5/2016 8:24:15 AM | Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:15:00 AM |
| 5/12/2016 8:54:58 AM | Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:15:00 AM |
| 5/19/2016 11:58:24 AM | Log Download - Used Battery: 5% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 12:45:00 PM |
| 5/26/2016 8:29:21 AM | Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:15:00 AM |
| 6/2/2016 10:31:21 AM | Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 10:30:00 AM |
| 6/9/2016 8:42:54 AM | Log Download - Used Battery: 6% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM |
| 6/16/2016 10:04:00 AM | Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:00:00 AM |
| 6/23/2016 9:23:38 AM | Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:15:00 AM |
| 7/1/2016 10:43:17 AM | Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM |
| 7/8/2016 11:06:16 AM | Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM |
| 7/14/2016 4:05:51 PM | Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:00:00 PM |
| 7/21/2016 4:36:32 PM | Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:30:00 PM |
| 7/28/2016 5:24:58 PM | Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM |
| 8/4/2016 8:30:49 AM | Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:00:00 PM |
| 8/11/2016 11:13:54 AM | Log Download - Used Battery: 9% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:00:00 PM |
| 8/18/2016 2:35:47 PM | Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:30:00 PM |
| 8/25/2016 1:14:03 PM | Log Download - Used Battery: 10% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM |
| 9/1/2016 9:47:35 AM | Log Download - Used Battery: 10% Used Memory: 21% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 9:45:00 AM |
| 9/8/2016 5:38:52 PM | Log Download - Used Battery: 10% Used Memory: 23% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM |
| 9/15/2016 1:09:51 PM | Log Download - Used Battery: 11% Used Memory: 23% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 1:45:00 PM |
| 9/22/2016 10:58:41 AM | Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 11:45:00 AM |
| 10/1/2016 9:57:51 AM | Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:45:00 AM |
| 10/7/2016 4:10:25 PM | Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM |
| 10/13/2016 3:34:22 PM | Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:15:00 PM |
| 10/20/2016 3:02:32 PM | Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:00:00 PM |
| 10/27/2016 3:01:14 PM | Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:45:00 PM |
| 11/3/2016 2:39:34 PM | Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:30:00 PM |
| 11/10/2016 4:31:07 PM | Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 4:30:00 PM |
| 11/17/2016 1:57:16 PM | Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM |
| 11/24/2016 11:13:29 AM | Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 11:30:00 AM |
| 12/1/2016 4:01:50 PM | Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 4:45:00 PM |
| 12/9/2016 10:31:21 AM | Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 10:30:00 AM |
| 12/15/2016 11:57:20 AM | Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 11:45:00 AM |
| 12/22/2016 10:27:30 AM | Log Download - Used Battery: 16% Used Memory: 35% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 5:15:00 PM |
| 1/5/2017 11:31:17 AM | 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 12:15:00 PM |
| 1/12/2017 3:17:37 PM | Log Download - Used Battery: 17% Used Memory: 37% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:15:00 PM |
| 1/16/2017 8:29:56 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 741
Sensors: 2
1 - 441205: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| | Sensor: PCTD(A) 658.7ft SN#: 441205 | Sensor: PCTD(A) 658.7ft SN#: 441205 | Sensor: PCTD(A) 658.7ft SN#: 441205 | Sensor: PCTD(A) 658.7ft SN#: 441205 | Sensor: PCTD(A) 658.7ft SN#: 441205 | Sensor: PCTD(A) 658.7ft SN#: 441205 | Sensor: PCTD(A) 658.7ft SN#: 441205 | Sensor: PCTD(A) 658.7ft SN#: 441205 | Sensor: PCTD(A) 658.7ft SN#: 441205 | Sensor: Baro-Adj Calc SN#: 000000 |
|---|---|---|---|---|---|---|---|---|---|---|

| Date and Time | Elapsed Time Seconds | 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) | | | | | |
| 1/5/2017 12:00:00 AM | 7200.000 | 118.329 | 19.235 | 269.708 | 34428.098 | 38687.816 | 24.841 | 26.308 |
| 29.046 | 1.017 | 14.703 | | | | | | |
| 1/5/2017 12:15:00 AM | 8100.000 | 118.316 | 19.236 | 269.678 | 34444.211 | 38705.500 | 24.853 | 26.320 |
| 29.032 | 1.017 | 14.710 | | | | | | |
| 1/5/2017 12:30:00 AM | 9000.000 | 118.314 | 19.236 | 269.675 | 34423.375 | 38682.223 | 24.837 | 26.304 |
| 29.050 | 1.017 | 14.713 | | | | | | |
| 1/5/2017 12:45:00 AM | 9900.000 | 118.323 | 19.235 | 269.695 | 34440.078 | 38701.793 | 24.851 | 26.317 |
| 29.036 | 1.017 | 14.717 | | | | | | |
| 1/5/2017 1:00:00 AM | 10800.000 | 118.325 | 19.235 | 269.699 | 34426.688 | 38686.828 | 24.840 | 26.307 |
| 29.047 | 1.017 | 14.716 | | | | | | |
| 1/5/2017 1:15:00 AM | 11700.000 | 118.331 | 19.234 | 269.713 | 34443.227 | 38705.699 | 24.853 | 26.320 |
| 29.033 | 1.017 | 14.714 | | | | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 118.327 | 19.235 | 269.704 | 34419.836 | 38678.754 | 24.834 | 26.302 |
| 29.053 | 1.017 | 14.717 | | | | | | |
| 1/5/2017 1:45:00 AM | 13500.000 | 118.338 | 19.236 | 269.728 | 34425.047 | 38684.102 | 24.838 | 26.305 |
| 29.049 | 1.017 | 14.720 | | | | | | |
| 1/5/2017 2:00:00 AM | 14400.000 | 118.349 | 19.235 | 269.754 | 34441.723 | 38703.500 | 24.852 | 26.318 |
| 29.035 | 1.017 | 14.723 | | | | | | |
| 1/5/2017 2:15:00 AM | 15300.000 | 118.354 | 19.235 | 269.764 | 34419.711 | 38678.613 | 24.834 | 26.301 |
| 29.053 | 1.017 | 14.718 | | | | | | |
| 1/5/2017 2:30:00 AM | 16200.000 | 118.354 | 19.235 | 269.766 | 34433.582 | 38693.980 | 24.845 | 26.312 |
| 29.041 | 1.017 | 14.718 | | | | | | |
| 1/5/2017 2:45:00 AM | 17100.000 | 118.366 | 19.236 | 269.794 | 34433.395 | 38693.344 | 24.845 | 26.311 |
| 29.042 | 1.017 | 14.721 | | | | | | |
| 1/5/2017 3:00:00 AM | 18000.000 | 118.371 | 19.236 | 269.805 | 34461.398 | 38724.660 | 24.867 | 26.333 |
| 29.018 | 1.017 | 14.724 | | | | | | |
| 1/5/2017 3:15:00 AM | 18900.000 | 118.388 | 19.236 | 269.842 | 34440.063 | 38700.621 | 24.850 | 26.316 |
| 29.036 | 1.017 | 14.718 | | | | | | |
| 1/5/2017 3:30:00 AM | 19800.000 | 118.384 | 19.236 | 269.834 | 34429.566 | 38689.336 | 24.842 | 26.309 |
| 29.045 | 1.017 | 14.721 | | | | | | |
| 1/5/2017 3:45:00 AM | 20700.000 | 118.391 | 19.236 | 269.849 | 34452.195 | 38714.609 | 24.860 | 26.326 |
| 29.026 | 1.017 | 14.722 | | | | | | |
| 1/5/2017 4:00:00 AM | 21600.000 | 118.400 | 19.236 | 269.870 | 34441.254 | 38702.316 | 24.851 | 26.318 |
| 29.035 | 1.017 | 14.720 | | | | | | |
| 1/5/2017 4:15:00 AM | 22500.000 | 118.416 | 19.235 | 269.906 | 34427.320 | 38686.879 | 24.840 | 26.307 |
| 29.047 | 1.017 | 14.717 | | | | | | |
| 1/5/2017 4:30:00 AM | 23400.000 | 118.409 | 19.236 | 269.891 | 34419.926 | 38677.922 | 24.834 | 26.301 |
| 29.053 | 1.017 | 14.725 | | | | | | |
| 1/5/2017 4:45:00 AM | 24300.000 | 118.408 | 19.236 | 269.889 | 34445.879 | 38707.371 | 24.855 | 26.321 |
| 29.031 | 1.017 | 14.722 | | | | | | |
| 1/5/2017 5:00:00 AM | 25200.000 | 118.427 | 19.236 | 269.932 | 34444.477 | 38705.645 | 24.853 | 26.320 |
| 29.032 | 1.017 | 14.707 | | | | | | |
| 1/5/2017 5:15:00 AM | 26100.000 | 118.423 | 19.236 | 269.922 | 34412.508 | 38670.098 | 24.828 | 26.296 |
| 29.059 | 1.017 | 14.722 | | | | | | |
| 1/5/2017 5:30:00 AM | 27000.000 | 118.433 | 19.235 | 269.944 | 34424.367 | 38683.625 | 24.838 | 26.305 |
| 29.049 | 1.017 | 14.718 | | | | | | |
| 1/5/2017 5:45:00 AM | 27900.000 | 118.443 | 19.236 | 269.969 | 34431.266 | 38690.875 | 24.843 | 26.310 |
| 29.043 | 1.017 | 14.722 | | | | | | |
| 1/5/2017 6:00:00 AM | 28800.000 | 118.440 | 19.236 | 269.962 | 34435.152 | 38695.320 | 24.846 | 26.313 |
| 29.040 | 1.017 | 14.720 | | | | | | |
| 1/5/2017 6:15:00 AM | 29700.000 | 118.435 | 19.236 | 269.949 | 34461.977 | 38725.754 | 24.868 | 26.334 |
| 29.017 | 1.017 | 14.728 | | | | | | |
| 1/5/2017 6:30:00 AM | 30600.000 | 118.447 | 19.236 | 269.977 | 34437.527 | 38698.211 | 24.848 | 26.315 |
| 29.038 | 1.017 | 14.723 | | | | | | |
| 1/5/2017 6:45:00 AM | 31500.000 | 118.444 | 19.236 | 269.971 | 34439.516 | 38700.293 | 24.850 | 26.316 |
| 29.036 | 1.017 | 14.733 | | | | | | |
| 1/5/2017 7:00:00 AM | 32400.000 | 118.429 | 19.235 | 269.936 | 34456.766 | 38719.969 | 24.864 | 26.330 |
| 29.022 | 1.017 | 14.736 | | | | | | |
| 1/5/2017 7:15:00 AM | 33300.000 | 118.451 | 19.235 | 269.986 | 34437.328 | 38698.344 | 24.848 | 26.315 |
| 29.038 | 1.017 | 14.735 | | | | | | |
| 1/5/2017 7:30:00 AM | 34200.000 | 118.439 | 19.236 | 269.960 | 34451.605 | 38714.031 | 24.859 | 26.326 |
| 29.026 | 1.017 | 14.730 | | | | | | |
| 1/5/2017 7:45:00 AM | 35100.000 | 118.446 | 19.235 | 269.976 | 34426.656 | 38686.273 | 24.840 | 26.307 |
| 29.047 | 1.017 | 14.731 | | | | | | |
| 1/5/2017 8:00:00 AM | 36000.000 | 118.434 | 19.235 | 269.948 | 34416.516 | 38675.023 | 24.832 | 26.299 |
| 29.056 | 1.017 | 14.737 | | | | | | |
| 1/5/2017 8:15:00 AM | 36900.000 | 118.447 | 19.236 | 269.976 | 34429.715 | 38689.133 | 24.842 | 26.309 |
| 29.045 | 1.017 | 14.739 | | | | | | |
| 1/5/2017 8:30:00 AM | 37800.000 | 118.437 | 19.236 | 269.955 | 34441.020 | 38701.625 | 24.851 | 26.317 |
| 29.035 | 1.017 | 14.745 | | | | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 118.428 | 19.235 | 269.934 | 34439.516 | 38700.586 | 24.850 | 26.316 |
| 29.036 | 1.017 | 14.750 | | | | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 118.430 | 19.235 | 269.938 | 34426.121 | 38685.594 | 24.839 | 26.306 |
| 29.048 | 1.017 | 14.747 | | | | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 118.418 | 19.234 | 269.910 | 34421.098 | 38680.758 | 24.836 | 26.303 |
| 29.052 | 1.017 | 14.760 | | | | | | |
| 1/5/2017 9:30:00 AM | 41400.000 | 118.428 | 19.235 | 269.933 | 34411.309 | 38669.102 | 24.827 | 26.295 |
| 29.060 | 1.017 | 14.750 | | | | | | |
| 1/5/2017 9:45:00 AM | 42300.000 | 118.418 | 19.235 | 269.911 | 34436.367 | 38697.551 | 24.848 | 26.314 |
| 29.039 | 1.017 | 14.758 | | | | | | |
| 1/5/2017 10:00:00 AM | 43200.000 | 118.414 | 19.236 | 269.901 | 34408.586 | 38665.535 | 24.825 | 26.293 |
| 29.063 | 1.017 | 14.757 | | | | | | |
| 1/5/2017 10:15:00 AM | 44100.000 | 118.413 | 19.235 | 269.899 | 34421.848 | 38680.945 | 24.836 | 26.303 |
| 29.051 | 1.017 | 14.757 | | | | | | |
| 1/5/2017 10:30:00 AM | 45000.000 | 118.432 | 19.236 | 269.943 | 34423.055 | 38681.727 | 24.836 | 26.304 |
| 29.050 | 1.017 | 14.758 | | | | | | |
| 1/5/2017 10:45:00 AM | 45900.000 | 118.401 | 19.236 | 269.873 | 34430.793 | 38690.645 | 24.843 | 26.310 |
| 29.044 | 1.017 | 14.758 | | | | | | |
| 1/5/2017 11:00:00 AM | 46800.000 | 118.401 | 19.234 | 269.873 | 34427.828 | 38688.320 | 24.841 | 26.308 |
| 29.046 | 1.017 | 14.746 | | | | | | |
| 1/5/2017 11:15:00 AM | 47700.000 | 118.401 | 19.235 | 269.871 | 34436.246 | 38697.418 | 24.848 | 26.314 |
| 29.039 | 1.017 | 14.751 | | | | | | |
| 1/5/2017 11:30:00 AM | 48600.000 | 118.386 | 19.235 | 269.839 | 34424.473 | 38684.188 | 24.838 | 26.305 |
| 29.049 | 1.017 | 14.757 | | | | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 118.387 | 19.235 | 269.840 | 34432.703 | 38693.289 | 24.845 | 26.311 |
| 29.042 | 1.017 | 14.750 | | | | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 118.394 | 19.235 | 269.857 | 34458.797 | 38722.688 | 24.866 | 26.331 |
| 29.020 | 1.017 | 14.745 | | | | | | |
| 1/5/2017 12:15:00 PM | 51300.000 | 118.384 | 19.235 | 269.834 | 34436.238 | 38696.965 | 24.847 | 26.314 |
| 29.039 | 1.017 | 14.749 | | | | | | |
| 1/5/2017 12:30:00 PM | 52200.000 | 118.383 | 19.235 | 269.831 | 34407.496 | 38664.605 | 24.824 | 26.292 |
| 29.063 | 1.017 | 14.748 | | | | | | |
| 1/5/2017 12:45:00 PM | 53100.000 | 118.384 | 19.236 | 269.834 | 34406.879 | 38663.547 | 24.824 | 26.291 |
| 29.064 | 1.017 | 14.742 | | | | | | |
| 1/5/2017 1:00:00 PM | 54000.000 | 118.380 | 19.235 | 269.825 | 34409.969 | 38667.523 | 24.826 | 26.294 |
| 29.061 | 1.017 | 14.742 | | | | | | |
| 1/5/2017 1:15:00 PM | 54900.000 | 118.397 | 19.236 | 269.862 | 34442.684 | 38703.922 | 24.852 | 26.319 |
| 29.034 | 1.017 | 14.736 | | | | | | |
| 1/5/2017 1:30:00 PM | 55800.000 | 118.383 | 19.235 | 269.831 | 34423.293 | 38682.641 | 24.837 | 26.304 |
| 29.050 | 1.017 | 14.736 | | | | | | |
| 1/5/2017 1:45:00 PM | 56700.000 | 118.389 | 19.235 | 269.845 | 34426.766 | 38686.914 | 24.840 | 26.307 |
| 29.047 | 1.017 | 14.740 | | | | | | |
| 1/5/2017 2:00:00 PM | 57600.000 | 118.387 | 19.235 | 269.840 | 34417.684 | 38676.559 | 24.833 | 26.300 |
| 29.055 | 1.017 | 14.744 | | | | | | |
| 1/5/2017 2:15:00 PM | 58500.000 | 118.384 | 19.235 | 269.834 | 34422.695 | 38681.746 | 24.836 | 26.304 |
| 29.051 | 1.017 | 14.741 | | | | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 118.386 | 19.235 | 269.837 | 34411.781 | 38669.633 | 24.828 | 26.295 |
| 29.060 | 1.017 | 14.739 | | | | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 118.389 | 19.235 | 269.844 | 34415.211 | 38673.488 | 24.831 | 26.298 |
| 29.057 | 1.017 | 14.738 | | | | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 118.392 | 19.236 | 269.852 | 34414.570 | 38672.484 | 24.830 | 26.297 |
| 29.057 | 1.017 | 14.741 | | | | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 118.407 | 19.235 | 269.887 | 34404.574 | 38661.461 | 24.822 | 26.290 |
| 29.066 | 1.017 | 14.740 | | | | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 118.395 | 19.235 | 269.860 | 34414.496 | 38672.684 | 24.830 | 26.297 |
| 29.058 | 1.017 | 14.739 | | | | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 118.394 | 19.236 | 269.856 | 34428.016 | 38687.371 | 24.840 | 26.307 |
| 29.046 | 1.017 | 14.740 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 4:00:00 PM | 64800.000 | 118.398 | 19.236 | 269.866 | 34412.035 | 38669.566 | 24.828 | 26.295 |
| 29.060 | 1.017 | 14.741 | | | | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 118.400 | 19.235 | 269.869 | 34427.887 | 38687.578 | 24.841 | 26.308 |
| 29.046 | 1.017 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 118.409 | 19.235 | 269.890 | 34420.750 | 38679.934 | 24.835 | 26.302 |
| 29.052 | 1.017 | 14.745 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 118.403 | 19.235 | 269.877 | 34425.195 | 38684.555 | 24.838 | 26.306 |
| 29.048 | 1.017 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 118.405 | 19.235 | 269.882 | 34421.805 | 38681.043 | 24.836 | 26.303 |
| 29.051 | 1.017 | 14.749 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 118.403 | 19.235 | 269.877 | 34402.496 | 38659.488 | 24.821 | 26.288 |
| 29.068 | 1.017 | 14.751 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 118.392 | 19.235 | 269.851 | 34423.336 | 38683.133 | 24.837 | 26.305 |
| 29.050 | 1.017 | 14.753 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 118.412 | 19.235 | 269.896 | 34417.438 | 38676.137 | 24.832 | 26.300 |
| 29.055 | 1.017 | 14.751 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 118.408 | 19.234 | 269.888 | 34410.980 | 38669.387 | 24.828 | 26.295 |
| 29.060 | 1.017 | 14.745 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 118.398 | 19.236 | 269.866 | 34404.887 | 38661.531 | 24.822 | 26.290 |
| 29.066 | 1.017 | 14.755 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 118.405 | 19.235 | 269.881 | 34414.203 | 38672.574 | 24.830 | 26.297 |
| 29.058 | 1.017 | 14.748 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 118.390 | 19.235 | 269.847 | 34416.969 | 38675.684 | 24.832 | 26.299 |
| 29.055 | 1.017 | 14.761 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 118.386 | 19.235 | 269.838 | 34416.195 | 38674.379 | 24.831 | 26.299 |
| 29.056 | 1.017 | 14.759 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 118.384 | 19.235 | 269.833 | 34420.645 | 38679.379 | 24.835 | 26.302 |
| 29.052 | 1.017 | 14.757 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 118.383 | 19.235 | 269.831 | 34410.902 | 38669.008 | 24.827 | 26.295 |
| 29.061 | 1.017 | 14.760 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 118.387 | 19.234 | 269.840 | 34406.594 | 38664.531 | 24.824 | 26.292 |
| 29.064 | 1.017 | 14.756 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 118.382 | 19.235 | 269.829 | 34382.465 | 38636.980 | 24.805 | 26.273 |
| 29.085 | 1.017 | 14.758 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 118.378 | 19.235 | 269.821 | 34433.617 | 38694.391 | 24.845 | 26.312 |
| 29.041 | 1.017 | 14.763 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 118.375 | 19.236 | 269.812 | 34396.848 | 38651.992 | 24.815 | 26.283 |
| 29.072 | 1.017 | 14.759 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 118.370 | 19.235 | 269.801 | 34419.441 | 38678.168 | 24.834 | 26.301 |
| 29.053 | 1.017 | 14.763 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 118.350 | 19.235 | 269.757 | 34395.570 | 38651.563 | 24.815 | 26.283 |
| 29.074 | 1.017 | 14.769 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 118.359 | 19.234 | 269.776 | 34432.262 | 38693.379 | 24.845 | 26.311 |
| 29.043 | 1.017 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 118.352 | 19.234 | 269.762 | 34421.676 | 38681.328 | 24.836 | 26.303 |
| 29.051 | 1.017 | 14.767 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 118.341 | 19.234 | 269.736 | 34424.773 | 38684.961 | 24.839 | 26.306 |
| 29.049 | 1.017 | 14.778 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 118.344 | 19.235 | 269.743 | 34425.750 | 38685.621 | 24.839 | 26.306 |
| 29.048 | 1.017 | 14.773 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 118.333 | 19.234 | 269.718 | 34425.406 | 38685.598 | 24.839 | 26.306 |
| 29.048 | 1.017 | 14.775 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 118.344 | 19.235 | 269.743 | 34420.621 | 38679.930 | 24.835 | 26.302 |
| 29.052 | 1.017 | 14.768 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 118.336 | 19.235 | 269.724 | 34399.746 | 38656.469 | 24.818 | 26.286 |
| 29.070 | 1.017 | 14.764 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 118.330 | 19.235 | 269.710 | 34393.180 | 38649.020 | 24.813 | 26.281 |
| 29.076 | 1.017 | 14.773 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 118.324 | 19.235 | 269.696 | 34388.133 | 38643.281 | 24.809 | 26.277 |
| 29.080 | 1.017 | 14.764 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 118.330 | 19.236 | 269.711 | 34402.012 | 38658.078 | 24.820 | 26.287 |
| 29.068 | 1.017 | 14.770 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 118.333 | 19.235 | 269.718 | 34405.129 | 38662.305 | 24.823 | 26.290 |
| 29.065 | 1.017 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 118.324 | 19.235 | 269.698 | 34396.980 | 38653.148 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 118.330 | 19.235 | 269.710 | 34410.277 | 38668.164 | 24.827 | 26.294 |
| 29.061 | 1.017 | 14.770 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 118.325 | 19.236 | 269.700 | 34424.402 | 38683.531 | 24.838 | 26.305 |
| 29.049 | 1.017 | 14.772 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 118.325 | 19.235 | 269.698 | 34393.133 | 38649.039 | 24.813 | 26.281 |
| 29.076 | 1.017 | 14.768 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 118.356 | 19.235 | 269.769 | 34388.449 | 38643.559 | 24.809 | 26.278 |
| 29.080 | 1.017 | 14.772 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 118.322 | 19.235 | 269.693 | 34423.184 | 38682.891 | 24.837 | 26.304 |
| 29.050 | 1.017 | 14.769 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 118.325 | 19.235 | 269.699 | 34429.926 | 38689.871 | 24.842 | 26.309 |
| 29.045 | 1.017 | 14.772 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 118.334 | 19.235 | 269.720 | 34401.996 | 38658.785 | 24.820 | 26.288 |
| 29.068 | 1.017 | 14.770 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 118.346 | 19.235 | 269.748 | 34422.598 | 38681.574 | 24.836 | 26.303 |
| 29.051 | 1.017 | 14.765 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 118.348 | 19.235 | 269.751 | 34431.258 | 38691.742 | 24.844 | 26.310 |
| 29.043 | 1.017 | 14.771 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 118.354 | 19.234 | 269.766 | 34423.941 | 38683.953 | 24.838 | 26.305 |
| 29.050 | 1.017 | 14.765 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 118.366 | 19.234 | 269.793 | 34408.438 | 38666.531 | 24.826 | 26.293 |
| 29.063 | 1.017 | 14.776 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 118.377 | 19.234 | 269.818 | 34413.387 | 38672.305 | 24.830 | 26.297 |
| 29.058 | 1.017 | 14.769 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 118.372 | 19.235 | 269.807 | 34408.313 | 38665.520 | 24.825 | 26.293 |
| 29.063 | 1.017 | 14.767 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 118.384 | 19.236 | 269.834 | 34425.027 | 38683.867 | 24.838 | 26.305 |
| 29.049 | 1.017 | 14.769 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 118.383 | 19.236 | 269.832 | 34432.176 | 38691.688 | 24.844 | 26.310 |
| 29.043 | 1.017 | 14.774 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 118.398 | 19.235 | 269.865 | 34412.516 | 38670.305 | 24.828 | 26.296 |
| 29.059 | 1.017 | 14.769 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 118.405 | 19.235 | 269.882 | 34421.465 | 38680.441 | 24.836 | 26.303 |
| 29.052 | 1.017 | 14.763 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 118.409 | 19.234 | 269.892 | 34419.137 | 38678.477 | 24.834 | 26.301 |
| 29.054 | 1.017 | 14.765 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 118.431 | 19.235 | 269.941 | 34427.297 | 38687.582 | 24.841 | 26.308 |
| 29.047 | 1.017 | 14.763 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 118.429 | 19.235 | 269.936 | 34428.301 | 38688.559 | 24.841 | 26.308 |
| 29.046 | 1.017 | 14.759 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 118.429 | 19.236 | 269.936 | 34422.430 | 38680.809 | 24.836 | 26.303 |
| 29.051 | 1.017 | 14.768 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 118.440 | 19.235 | 269.961 | 34413.242 | 38671.121 | 24.829 | 26.296 |
| 29.059 | 1.017 | 14.769 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 118.436 | 19.235 | 269.953 | 34431.285 | 38691.398 | 24.843 | 26.310 |
| 29.043 | 1.017 | 14.771 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 118.447 | 19.235 | 269.977 | 34410.535 | 38668.234 | 24.827 | 26.294 |
| 29.061 | 1.017 | 14.767 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 118.441 | 19.235 | 269.964 | 34415.066 | 38673.172 | 24.830 | 26.298 |
| 29.057 | 1.017 | 14.770 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 118.447 | 19.236 | 269.977 | 34403.168 | 38659.020 | 24.820 | 26.288 |
| 29.067 | 1.017 | 14.767 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 118.460 | 19.236 | 270.008 | 34400.191 | 38656.324 | 24.818 | 26.286 |
| 29.070 | 1.017 | 14.766 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 118.461 | 19.235 | 270.009 | 34414.695 | 38673.129 | 24.830 | 26.298 |
| 29.057 | 1.017 | 14.773 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 118.465 | 19.235 | 270.018 | 34422.199 | 38681.855 | 24.836 | 26.304 |
| 29.051 | 1.017 | 14.771 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 118.468 | 19.235 | 270.025 | 34391.332 | 38647.016 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.774 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 118.466 | 19.234 | 270.021 | 34413.129 | 38671.875 | 24.829 | 26.297 |
| 29.059 | 1.017 | 14.778 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 118.468 | 19.235 | 270.025 | 34433.496 | 38693.820 | 24.845 | 26.312 |
| 29.041 | 1.017 | 14.774 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 118.490 | 19.236 | 270.075 | 34416.094 | 38674.195 | 24.831 | 26.298 |
| 29.056 | 1.017 | 14.777 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 118.458 | 19.235 | 270.003 | 34408.730 | 38666.277 | 24.825 | 26.293 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 29.062 | 1.017 | 14.780 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 118.456 | 19.235 | 269.997 | 34415.406 | 38673.707 | 24.831 | 26.298 |
| 29.057 | 1.017 | 14.786 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 118.452 | 19.235 | 269.990 | 34422.633 | 38681.754 | 24.836 | 26.304 |
| 29.051 | 1.017 | 14.783 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 118.453 | 19.235 | 269.990 | 34402.656 | 38659.738 | 24.821 | 26.289 |
| 29.068 | 1.017 | 14.782 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 118.448 | 19.235 | 269.979 | 34422.520 | 38681.922 | 24.837 | 26.304 |
| 29.051 | 1.017 | 14.784 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 118.432 | 19.235 | 269.943 | 34421.953 | 38681.133 | 24.836 | 26.303 |
| 29.051 | 1.017 | 14.790 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 118.430 | 19.235 | 269.938 | 34435.121 | 38695.707 | 24.846 | 26.313 |
| 29.040 | 1.017 | 14.785 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 118.421 | 19.235 | 269.919 | 34416.813 | 38675.508 | 24.832 | 26.299 |
| 29.056 | 1.017 | 14.784 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 118.432 | 19.235 | 269.943 | 34410.797 | 38668.672 | 24.827 | 26.295 |
| 29.061 | 1.017 | 14.780 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 118.432 | 19.235 | 269.943 | 34421.715 | 38681.086 | 24.836 | 26.303 |
| 29.051 | 1.017 | 14.774 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 118.427 | 19.236 | 269.932 | 34401.313 | 38657.434 | 24.819 | 26.287 |
| 29.069 | 1.017 | 14.778 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 118.410 | 19.235 | 269.892 | 34397.930 | 38654.359 | 24.817 | 26.285 |
| 29.072 | 1.017 | 14.780 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 118.445 | 19.235 | 269.973 | 34417.762 | 38676.355 | 24.833 | 26.300 |
| 29.055 | 1.017 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 118.404 | 19.236 | 269.879 | 34413.883 | 38671.488 | 24.829 | 26.297 |
| 29.058 | 1.017 | 14.769 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 118.396 | 19.235 | 269.860 | 34398.301 | 38654.777 | 24.817 | 26.285 |
| 29.071 | 1.017 | 14.767 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 118.401 | 19.234 | 269.873 | 34411.801 | 38670.230 | 24.828 | 26.296 |
| 29.060 | 1.017 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 118.392 | 19.235 | 269.851 | 34419.047 | 38677.723 | 24.834 | 26.301 |
| 29.054 | 1.017 | 14.762 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 118.387 | 19.235 | 269.840 | 34439.332 | 38700.594 | 24.850 | 26.316 |
| 29.037 | 1.017 | 14.763 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 118.384 | 19.235 | 269.834 | 34412.801 | 38670.629 | 24.829 | 26.296 |
| 29.059 | 1.017 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 118.385 | 19.234 | 269.836 | 34412.039 | 38670.500 | 24.828 | 26.296 |
| 29.060 | 1.017 | 14.757 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 118.380 | 19.234 | 269.824 | 34408.422 | 38666.434 | 24.826 | 26.293 |
| 29.063 | 1.017 | 14.750 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 118.373 | 19.235 | 269.810 | 34409.141 | 38666.516 | 24.826 | 26.293 |
| 29.062 | 1.017 | 14.752 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 118.369 | 19.234 | 269.799 | 34417.801 | 38677.125 | 24.833 | 26.300 |
| 29.055 | 1.017 | 14.744 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 118.374 | 19.235 | 269.812 | 34388.059 | 38642.824 | 24.809 | 26.277 |
| 29.080 | 1.017 | 14.737 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 118.380 | 19.235 | 269.825 | 34429.586 | 38690.004 | 24.842 | 26.309 |
| 29.045 | 1.017 | 14.732 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 118.372 | 19.235 | 269.805 | 34415.879 | 38674.684 | 24.831 | 26.299 |
| 29.056 | 1.017 | 14.739 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 118.375 | 19.235 | 269.812 | 34418.457 | 38677.355 | 24.833 | 26.301 |
| 29.054 | 1.017 | 14.736 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 118.378 | 19.234 | 269.820 | 34430.727 | 38691.500 | 24.843 | 26.310 |
| 29.044 | 1.017 | 14.739 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 118.368 | 19.234 | 269.797 | 34401.879 | 38659.234 | 24.820 | 26.288 |
| 29.068 | 1.017 | 14.744 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 118.381 | 19.235 | 269.827 | 34414.977 | 38673.227 | 24.830 | 26.298 |
| 29.057 | 1.017 | 14.748 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 118.377 | 19.235 | 269.818 | 34432.883 | 38693.418 | 24.845 | 26.312 |
| 29.042 | 1.017 | 14.745 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 118.378 | 19.234 | 269.819 | 34403.250 | 38660.699 | 24.821 | 26.289 |
| 29.067 | 1.017 | 14.741 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 118.390 | 19.235 | 269.847 | 34404.785 | 38661.844 | 24.822 | 26.290 |
| 29.066 | 1.017 | 14.744 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 118.377 | 19.234 | 269.819 | 34410.797 | 38669.680 | 24.828 | 26.295 |
| 29.061 | 1.017 | 14.748 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 118.375 | 19.234 | 269.812 | 34402.211 | 38659.531 | 24.821 | 26.288 |
| 29.068 | 1.017 | 14.749 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 118.394 | 19.235 | 269.858 | 34430.340 | 38690.777 | 24.843 | 26.310 |
| 29.044 | 1.017 | 14.738 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 118.383 | 19.236 | 269.832 | 34403.262 | 38659.707 | 24.821 | 26.289 |
| 29.067 | 1.017 | 14.749 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 118.398 | 19.235 | 269.866 | 34430.680 | 38691.160 | 24.843 | 26.310 |
| 29.044 | 1.017 | 14.744 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 118.388 | 19.235 | 269.842 | 34416.145 | 38674.324 | 24.831 | 26.299 |
| 29.056 | 1.017 | 14.742 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 118.394 | 19.236 | 269.857 | 34422.012 | 38680.477 | 24.836 | 26.303 |
| 29.051 | 1.017 | 14.747 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 118.394 | 19.237 | 269.857 | 34402.523 | 38657.926 | 24.820 | 26.287 |
| 29.068 | 1.017 | 14.748 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 118.389 | 19.235 | 269.844 | 34390.848 | 38646.109 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.751 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 118.392 | 19.235 | 269.853 | 34418.059 | 38676.535 | 24.833 | 26.300 |
| 29.055 | 1.017 | 14.749 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 118.390 | 19.234 | 269.847 | 34414.703 | 38673.570 | 24.831 | 26.298 |
| 29.057 | 1.017 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 118.388 | 19.234 | 269.842 | 34419.246 | 38678.820 | 24.834 | 26.302 |
| 29.054 | 1.017 | 14.755 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 118.388 | 19.236 | 269.844 | 34405.000 | 38661.438 | 24.822 | 26.290 |
| 29.066 | 1.017 | 14.753 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 118.395 | 19.236 | 269.858 | 34430.594 | 38690.488 | 24.843 | 26.310 |
| 29.044 | 1.017 | 14.756 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 118.392 | 19.236 | 269.851 | 34409.129 | 38666.297 | 24.825 | 26.293 |
| 29.062 | 1.017 | 14.749 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 118.380 | 19.235 | 269.826 | 34416.902 | 38675.535 | 24.832 | 26.299 |
| 29.055 | 1.017 | 14.754 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 118.387 | 19.235 | 269.840 | 34396.516 | 38652.840 | 24.816 | 26.284 |
| 29.073 | 1.017 | 14.749 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 118.388 | 19.236 | 269.843 | 34390.305 | 38644.563 | 24.810 | 26.278 |
| 29.078 | 1.017 | 14.744 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 118.392 | 19.235 | 269.851 | 34410.895 | 38668.637 | 24.827 | 26.295 |
| 29.061 | 1.017 | 14.748 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 118.380 | 19.234 | 269.825 | 34404.848 | 38662.570 | 24.823 | 26.291 |
| 29.066 | 1.017 | 14.743 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 118.375 | 19.235 | 269.813 | 34405.188 | 38662.516 | 24.823 | 26.291 |
| 29.065 | 1.017 | 14.746 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 118.382 | 19.235 | 269.829 | 34415.715 | 38674.199 | 24.831 | 26.298 |
| 29.056 | 1.017 | 14.744 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 118.378 | 19.235 | 269.820 | 34391.996 | 38647.250 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.747 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 118.376 | 19.235 | 269.815 | 34408.703 | 38666.465 | 24.826 | 26.293 |
| 29.062 | 1.017 | 14.755 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 118.369 | 19.234 | 269.799 | 34397.910 | 38654.773 | 24.817 | 26.285 |
| 29.072 | 1.017 | 14.756 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 118.360 | 19.235 | 269.780 | 34425.750 | 38685.844 | 24.839 | 26.306 |
| 29.048 | 1.017 | 14.763 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 118.366 | 19.235 | 269.792 | 34395.926 | 38651.742 | 24.815 | 26.283 |
| 29.073 | 1.017 | 14.759 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 118.364 | 19.235 | 269.788 | 34432.289 | 38692.527 | 24.844 | 26.311 |
| 29.043 | 1.017 | 14.755 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 118.369 | 19.235 | 269.799 | 34407.953 | 38665.180 | 24.825 | 26.292 |
| 29.063 | 1.017 | 14.750 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 118.366 | 19.236 | 269.793 | 34399.270 | 38655.289 | 24.818 | 26.286 |
| 29.070 | 1.017 | 14.753 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 118.369 | 19.236 | 269.799 | 34423.113 | 38681.504 | 24.836 | 26.303 |
| 29.050 | 1.017 | 14.739 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 118.367 | 19.235 | 269.795 | 34403.875 | 38660.676 | 24.821 | 26.289 |
| 29.066 | 1.017 | 14.736 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 118.373 | 19.235 | 269.808 | 34405.867 | 38663.207 | 24.823 | 26.291 |
| 29.065 | 1.017 | 14.732 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 118.363 | 19.236 | 269.786 | 34377.840 | 38631.055 | 24.800 | 26.269 |
| 29.089 | 1.017 | 14.725 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 1:15:00 AM | 184500.000 | 118.375 | 19.235 | 269.813 | 34411.492 | 38669.379 | 24.828 | 26.295 |
| 29.060 | 1.017 | 14.718 | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 118.371 | 19.235 | 269.804 | 34401.008 | 38657.746 | 24.819 | 26.287 |
| 29.069 | 1.017 | 14.716 | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 118.369 | 19.235 | 269.801 | 34384.855 | 38639.523 | 24.806 | 26.275 |
| 29.083 | 1.017 | 14.717 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 118.378 | 19.235 | 269.820 | 34391.250 | 38646.410 | 24.811 | 26.280 |
| 29.077 | 1.017 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 118.390 | 19.235 | 269.848 | 34424.184 | 38683.859 | 24.838 | 26.305 |
| 29.049 | 1.017 | 14.715 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 118.393 | 19.235 | 269.853 | 34418.785 | 38677.648 | 24.834 | 26.301 |
| 29.054 | 1.017 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 118.392 | 19.235 | 269.852 | 34391.227 | 38646.461 | 24.811 | 26.280 |
| 29.077 | 1.017 | 14.713 | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 118.408 | 19.236 | 269.888 | 34402.137 | 38657.785 | 24.819 | 26.287 |
| 29.068 | 1.017 | 14.709 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 118.409 | 19.235 | 269.890 | 34423.789 | 38683.273 | 24.838 | 26.305 |
| 29.050 | 1.017 | 14.708 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 118.417 | 19.236 | 269.908 | 34410.715 | 38667.707 | 24.826 | 26.294 |
| 29.061 | 1.017 | 14.700 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 118.425 | 19.235 | 269.926 | 34423.086 | 38682.336 | 24.837 | 26.304 |
| 29.050 | 1.017 | 14.699 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 118.436 | 19.235 | 269.951 | 34436.906 | 38697.867 | 24.848 | 26.315 |
| 29.039 | 1.017 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 118.438 | 19.235 | 269.956 | 34411.617 | 38669.594 | 24.828 | 26.295 |
| 29.060 | 1.017 | 14.697 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 118.456 | 19.235 | 269.998 | 34419.934 | 38678.797 | 24.834 | 26.302 |
| 29.053 | 1.017 | 14.694 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 118.464 | 19.236 | 270.017 | 34423.039 | 38681.848 | 24.837 | 26.304 |
| 29.050 | 1.017 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 118.474 | 19.236 | 270.038 | 34413.887 | 38671.273 | 24.829 | 26.296 |
| 29.058 | 1.017 | 14.692 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 118.488 | 19.235 | 270.070 | 34408.035 | 38665.867 | 24.825 | 26.293 |
| 29.063 | 1.017 | 14.689 | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 118.495 | 19.235 | 270.087 | 34408.082 | 38665.547 | 24.825 | 26.293 |
| 29.063 | 1.017 | 14.697 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 118.501 | 19.236 | 270.101 | 34419.535 | 38677.621 | 24.834 | 26.301 |
| 29.053 | 1.017 | 14.698 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 118.513 | 19.235 | 270.129 | 34417.031 | 38675.895 | 24.832 | 26.300 |
| 29.055 | 1.017 | 14.700 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 118.507 | 19.236 | 270.115 | 34408.141 | 38665.188 | 24.825 | 26.292 |
| 29.063 | 1.017 | 14.698 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 118.518 | 19.236 | 270.139 | 34418.973 | 38677.137 | 24.833 | 26.300 |
| 29.054 | 1.017 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 118.527 | 19.235 | 270.161 | 34388.766 | 38643.555 | 24.809 | 26.278 |
| 29.079 | 1.017 | 14.695 | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 118.528 | 19.235 | 270.161 | 34409.777 | 38667.602 | 24.826 | 26.294 |
| 29.062 | 1.017 | 14.697 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 118.541 | 19.235 | 270.193 | 34421.355 | 38680.316 | 24.835 | 26.303 |
| 29.052 | 1.017 | 14.699 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 118.542 | 19.235 | 270.193 | 34423.590 | 38683.195 | 24.837 | 26.305 |
| 29.050 | 1.017 | 14.702 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 118.555 | 19.235 | 270.223 | 34425.168 | 38684.676 | 24.839 | 26.306 |
| 29.049 | 1.017 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 118.549 | 19.235 | 270.210 | 34415.355 | 38673.496 | 24.831 | 26.298 |
| 29.057 | 1.017 | 14.700 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 118.543 | 19.236 | 270.195 | 34420.848 | 38679.469 | 24.835 | 26.302 |
| 29.052 | 1.017 | 14.714 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 118.546 | 19.236 | 270.203 | 34421.965 | 38680.723 | 24.836 | 26.303 |
| 29.051 | 1.017 | 14.712 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 118.538 | 19.236 | 270.184 | 34388.824 | 38643.480 | 24.809 | 26.278 |
| 29.079 | 1.017 | 14.716 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 118.544 | 19.235 | 270.199 | 34401.688 | 38658.734 | 24.820 | 26.288 |
| 29.068 | 1.017 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 118.548 | 19.235 | 270.208 | 34411.688 | 38669.820 | 24.828 | 26.295 |
| 29.060 | 1.017 | 14.718 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 118.527 | 19.234 | 270.159 | 34405.805 | 38663.645 | 24.824 | 26.291 |
| 29.065 | 1.017 | 14.728 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 118.528 | 19.235 | 270.161 | 34399.004 | 38655.496 | 24.818 | 26.286 |
| 29.071 | 1.017 | 14.726 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 118.529 | 19.235 | 270.164 | 34397.375 | 38653.230 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.732 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 118.522 | 19.235 | 270.149 | 34415.785 | 38674.059 | 24.831 | 26.298 |
| 29.056 | 1.017 | 14.742 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 118.511 | 19.235 | 270.122 | 34395.250 | 38651.348 | 24.815 | 26.283 |
| 29.074 | 1.017 | 14.738 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 118.513 | 19.235 | 270.127 | 34387.215 | 38641.953 | 24.808 | 26.277 |
| 29.081 | 1.017 | 14.732 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 118.507 | 19.235 | 270.115 | 34402.168 | 38658.832 | 24.820 | 26.288 |
| 29.068 | 1.017 | 14.737 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 118.505 | 19.235 | 270.109 | 34397.313 | 38653.887 | 24.817 | 26.285 |
| 29.072 | 1.017 | 14.730 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 118.494 | 19.234 | 270.085 | 34390.965 | 38647.039 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.732 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 118.496 | 19.235 | 270.089 | 34367.516 | 38620.402 | 24.793 | 26.262 |
| 29.097 | 1.017 | 14.727 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 118.487 | 19.234 | 270.067 | 34411.922 | 38670.590 | 24.828 | 26.296 |
| 29.060 | 1.017 | 14.721 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 118.475 | 19.235 | 270.042 | 34396.844 | 38652.773 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.720 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 118.465 | 19.235 | 270.017 | 34385.859 | 38641.016 | 24.807 | 26.276 |
| 29.082 | 1.017 | 14.723 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 118.469 | 19.235 | 270.026 | 34410.320 | 38668.504 | 24.827 | 26.295 |
| 29.061 | 1.017 | 14.716 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 118.453 | 19.235 | 269.991 | 34401.055 | 38657.941 | 24.820 | 26.287 |
| 29.069 | 1.017 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 118.451 | 19.235 | 269.986 | 34420.398 | 38679.242 | 24.835 | 26.302 |
| 29.053 | 1.017 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 118.445 | 19.235 | 269.974 | 34404.813 | 38661.727 | 24.822 | 26.290 |
| 29.066 | 1.017 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 118.442 | 19.235 | 269.967 | 34414.164 | 38672.531 | 24.830 | 26.297 |
| 29.058 | 1.017 | 14.714 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 118.428 | 19.235 | 269.933 | 34419.195 | 38678.324 | 24.834 | 26.301 |
| 29.054 | 1.017 | 14.723 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 118.422 | 19.235 | 269.920 | 34396.477 | 38652.359 | 24.816 | 26.284 |
| 29.073 | 1.017 | 14.721 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 118.435 | 19.234 | 269.950 | 34414.664 | 38673.602 | 24.831 | 26.298 |
| 29.057 | 1.017 | 14.715 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 118.417 | 19.235 | 269.909 | 34391.457 | 38646.797 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.724 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 118.427 | 19.235 | 269.932 | 34408.387 | 38666.180 | 24.825 | 26.293 |
| 29.063 | 1.017 | 14.718 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 118.411 | 19.235 | 269.896 | 34402.676 | 38659.621 | 24.821 | 26.289 |
| 29.068 | 1.017 | 14.732 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 118.422 | 19.234 | 269.921 | 34400.238 | 38657.238 | 24.819 | 26.287 |
| 29.070 | 1.017 | 14.728 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 118.419 | 19.235 | 269.914 | 34393.246 | 38649.027 | 24.813 | 26.281 |
| 29.075 | 1.017 | 14.731 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 118.416 | 19.234 | 269.906 | 34398.887 | 38655.719 | 24.818 | 26.286 |
| 29.071 | 1.017 | 14.735 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 118.416 | 19.235 | 269.906 | 34433.945 | 38695.055 | 24.846 | 26.313 |
| 29.041 | 1.017 | 14.736 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 118.408 | 19.235 | 269.889 | 34427.117 | 38686.867 | 24.840 | 26.307 |
| 29.047 | 1.017 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 118.409 | 19.235 | 269.891 | 34390.715 | 38645.746 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.738 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 118.422 | 19.236 | 269.921 | 34386.402 | 38640.676 | 24.807 | 26.276 |
| 29.081 | 1.017 | 14.731 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 118.421 | 19.236 | 269.919 | 34404.527 | 38660.906 | 24.822 | 26.289 |
| 29.066 | 1.017 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 118.421 | 19.235 | 269.918 | 34409.984 | 38667.398 | 24.826 | 26.294 |
| 29.061 | 1.017 | 14.738 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 118.425 | 19.235 | 269.926 | 34422.141 | 38681.496 | 24.836 | 26.303 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 29.051 | 1.017 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 118.429 | 19.235 | 269.937 | 34384.137 | 38638.492 | 24.806 | 26.274 |
| 29.083 | 1.017 | 14.734 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 118.434 | 19.235 | 269.948 | 34408.344 | 38665.918 | 24.825 | 26.293 |
| 29.063 | 1.017 | 14.728 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 118.428 | 19.235 | 269.933 | 34414.461 | 38672.934 | 24.830 | 26.298 |
| 29.058 | 1.017 | 14.735 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 118.423 | 19.235 | 269.921 | 34410.230 | 38667.816 | 24.827 | 26.294 |
| 29.061 | 1.017 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 118.431 | 19.235 | 269.941 | 34407.809 | 38665.531 | 24.825 | 26.293 |
| 29.063 | 1.017 | 14.743 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 118.446 | 19.235 | 269.976 | 34401.586 | 38658.539 | 24.820 | 26.288 |
| 29.068 | 1.017 | 14.741 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 118.439 | 19.234 | 269.960 | 34427.363 | 38687.719 | 24.841 | 26.308 |
| 29.047 | 1.017 | 14.750 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 118.446 | 19.235 | 269.974 | 34397.285 | 38653.191 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.753 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 118.447 | 19.235 | 269.976 | 34418.641 | 38677.414 | 24.833 | 26.301 |
| 29.054 | 1.017 | 14.761 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 118.449 | 19.235 | 269.983 | 34407.801 | 38665.230 | 24.825 | 26.292 |
| 29.063 | 1.017 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 118.450 | 19.236 | 269.983 | 34378.563 | 38631.727 | 24.801 | 26.270 |
| 29.088 | 1.017 | 14.756 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 118.445 | 19.236 | 269.972 | 34410.453 | 38667.563 | 24.826 | 26.294 |
| 29.061 | 1.017 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 118.455 | 19.236 | 269.996 | 34392.320 | 38647.480 | 24.812 | 26.280 |
| 29.076 | 1.017 | 14.762 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 118.447 | 19.235 | 269.977 | 34407.797 | 38665.004 | 24.825 | 26.292 |
| 29.063 | 1.017 | 14.764 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 118.463 | 19.234 | 270.015 | 34423.176 | 38683.016 | 24.837 | 26.304 |
| 29.050 | 1.017 | 14.760 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 118.454 | 19.235 | 269.992 | 34413.598 | 38671.965 | 24.829 | 26.297 |
| 29.058 | 1.017 | 14.754 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 118.440 | 19.234 | 269.961 | 34409.398 | 38667.609 | 24.826 | 26.294 |
| 29.062 | 1.017 | 14.763 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 118.459 | 19.235 | 270.005 | 34427.445 | 38687.383 | 24.840 | 26.307 |
| 29.047 | 1.017 | 14.748 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 118.459 | 19.235 | 270.004 | 34414.344 | 38672.297 | 24.830 | 26.297 |
| 29.058 | 1.017 | 14.763 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 118.453 | 19.236 | 269.990 | 34428.109 | 38687.406 | 24.840 | 26.307 |
| 29.046 | 1.017 | 14.759 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 118.448 | 19.235 | 269.980 | 34397.793 | 38653.762 | 24.817 | 26.285 |
| 29.072 | 1.017 | 14.755 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 118.450 | 19.235 | 269.984 | 34397.570 | 38653.887 | 24.817 | 26.285 |
| 29.072 | 1.017 | 14.753 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 118.448 | 19.235 | 269.979 | 34418.285 | 38676.727 | 24.833 | 26.300 |
| 29.054 | 1.017 | 14.738 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 118.456 | 19.234 | 269.998 | 34399.738 | 38657.117 | 24.819 | 26.287 |
| 29.070 | 1.017 | 14.746 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 118.449 | 19.235 | 269.983 | 34414.063 | 38672.559 | 24.830 | 26.297 |
| 29.058 | 1.017 | 14.747 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 118.441 | 19.235 | 269.965 | 34368.242 | 38620.996 | 24.793 | 26.262 |
| 29.097 | 1.017 | 14.753 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 118.451 | 19.235 | 269.985 | 34391.309 | 38647.141 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.756 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 118.461 | 19.234 | 270.010 | 34406.039 | 38663.910 | 24.824 | 26.291 |
| 29.065 | 1.017 | 14.744 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 118.448 | 19.235 | 269.980 | 34379.344 | 38633.543 | 24.802 | 26.271 |
| 29.087 | 1.017 | 14.750 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 118.455 | 19.236 | 269.995 | 34387.027 | 38641.027 | 24.808 | 26.276 |
| 29.081 | 1.017 | 14.751 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 118.473 | 19.235 | 270.037 | 34426.188 | 38685.672 | 24.839 | 26.306 |
| 29.048 | 1.017 | 14.735 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 118.468 | 19.235 | 270.025 | 34401.238 | 38657.633 | 24.819 | 26.287 |
| 29.069 | 1.017 | 14.743 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 118.475 | 19.235 | 270.040 | 34408.070 | 38665.535 | 24.825 | 26.293 |
| 29.063 | 1.017 | 14.732 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 118.474 | 19.235 | 270.040 | 34416.574 | 38675.090 | 24.832 | 26.299 |
| 29.056 | 1.017 | 14.733 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 118.470 | 19.235 | 270.030 | 34431.504 | 38691.867 | 24.844 | 26.310 |
| 29.043 | 1.017 | 14.732 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 118.489 | 19.235 | 270.074 | 34396.063 | 38651.895 | 24.815 | 26.283 |
| 29.073 | 1.017 | 14.718 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 118.490 | 19.236 | 270.076 | 34414.727 | 38672.438 | 24.830 | 26.297 |
| 29.057 | 1.017 | 14.723 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 118.501 | 19.236 | 270.101 | 34391.441 | 38646.340 | 24.811 | 26.280 |
| 29.077 | 1.017 | 14.713 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 118.497 | 19.236 | 270.092 | 34414.414 | 38672.309 | 24.830 | 26.297 |
| 29.058 | 1.017 | 14.720 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 118.501 | 19.236 | 270.099 | 34409.852 | 38667.027 | 24.826 | 26.294 |
| 29.061 | 1.017 | 14.709 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 118.499 | 19.235 | 270.096 | 34410.313 | 38667.832 | 24.827 | 26.294 |
| 29.061 | 1.017 | 14.704 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 118.531 | 19.235 | 270.169 | 34400.563 | 38656.953 | 24.819 | 26.287 |
| 29.069 | 1.017 | 14.686 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 118.527 | 19.235 | 270.160 | 34425.688 | 38685.262 | 24.839 | 26.306 |
| 29.048 | 1.017 | 14.707 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 118.532 | 19.236 | 270.171 | 34424.125 | 38682.777 | 24.837 | 26.304 |
| 29.049 | 1.017 | 14.704 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 118.533 | 19.235 | 270.173 | 34434.664 | 38695.195 | 24.846 | 26.313 |
| 29.041 | 1.017 | 14.714 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 118.546 | 19.236 | 270.204 | 34398.633 | 38654.281 | 24.817 | 26.285 |
| 29.071 | 1.017 | 14.693 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 118.565 | 19.235 | 270.247 | 34410.527 | 38668.297 | 24.827 | 26.294 |
| 29.061 | 1.017 | 14.701 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 118.576 | 19.236 | 270.272 | 34399.594 | 38655.582 | 24.818 | 26.286 |
| 29.070 | 1.017 | 14.696 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 118.577 | 19.236 | 270.273 | 34412.438 | 38669.719 | 24.828 | 26.295 |
| 29.059 | 1.017 | 14.702 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 118.597 | 19.236 | 270.320 | 34396.883 | 38652.387 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.699 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 118.586 | 19.235 | 270.295 | 34400.098 | 38656.574 | 24.819 | 26.286 |
| 29.070 | 1.017 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 118.602 | 19.235 | 270.330 | 34401.340 | 38657.746 | 24.819 | 26.287 |
| 29.069 | 1.017 | 14.708 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 118.604 | 19.236 | 270.336 | 34406.594 | 38662.867 | 24.823 | 26.291 |
| 29.064 | 1.017 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 118.619 | 19.236 | 270.368 | 34412.734 | 38669.977 | 24.828 | 26.296 |
| 29.059 | 1.017 | 14.705 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 118.618 | 19.236 | 270.368 | 34391.012 | 38646.012 | 24.811 | 26.279 |
| 29.077 | 1.017 | 14.700 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 118.631 | 19.235 | 270.396 | 34402.570 | 38659.574 | 24.821 | 26.289 |
| 29.068 | 1.017 | 14.702 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 118.633 | 19.235 | 270.400 | 34417.664 | 38676.168 | 24.832 | 26.300 |
| 29.055 | 1.017 | 14.700 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 118.646 | 19.235 | 270.430 | 34406.645 | 38664.008 | 24.824 | 26.292 |
| 29.064 | 1.017 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 118.641 | 19.235 | 270.420 | 34391.508 | 38646.637 | 24.811 | 26.280 |
| 29.077 | 1.017 | 14.709 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 118.639 | 19.235 | 270.414 | 34396.816 | 38652.602 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.711 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 118.650 | 19.235 | 270.440 | 34397.684 | 38653.641 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 118.640 | 19.235 | 270.417 | 34384.574 | 38639.063 | 24.806 | 26.275 |
| 29.083 | 1.017 | 14.719 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 118.650 | 19.235 | 270.441 | 34390.965 | 38646.168 | 24.811 | 26.279 |
| 29.077 | 1.017 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 118.635 | 19.235 | 270.405 | 34392.918 | 38648.285 | 24.813 | 26.281 |
| 29.076 | 1.017 | 14.727 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 118.644 | 19.236 | 270.426 | 34408.813 | 38665.719 | 24.825 | 26.293 |
| 29.062 | 1.017 | 14.724 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 118.644 | 19.235 | 270.426 | 34425.988 | 38685.383 | 24.839 | 26.306 |
| 29.048 | 1.017 | 14.723 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/8/2017 10:30:00 AM | 304200.000 | 118.633 | 19.235 | 270.402 | 34396.598 | 38652.863 | 24.816 | 26.284 |
| 29.073 | 1.017 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 118.639 | 19.235 | 270.414 | 34406.691 | 38664.059 | 24.824 | 26.292 |
| 29.064 | 1.017 | 14.720 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 118.623 | 19.235 | 270.379 | 34400.141 | 38657.066 | 24.819 | 26.287 |
| 29.070 | 1.017 | 14.724 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 118.604 | 19.235 | 270.334 | 34400.719 | 38657.645 | 24.819 | 26.287 |
| 29.069 | 1.017 | 14.729 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 118.613 | 19.235 | 270.356 | 34412.875 | 38670.789 | 24.829 | 26.296 |
| 29.059 | 1.017 | 14.715 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 118.609 | 19.235 | 270.347 | 34406.523 | 38663.652 | 24.824 | 26.291 |
| 29.064 | 1.017 | 14.700 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 118.588 | 19.235 | 270.298 | 34404.855 | 38662.211 | 24.823 | 26.290 |
| 29.066 | 1.017 | 14.709 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 118.575 | 19.235 | 270.270 | 34391.223 | 38646.820 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.710 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 118.578 | 19.235 | 270.275 | 34394.754 | 38650.348 | 24.814 | 26.282 |
| 29.074 | 1.017 | 14.701 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 118.581 | 19.235 | 270.283 | 34379.668 | 38633.473 | 24.802 | 26.271 |
| 29.087 | 1.017 | 14.697 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 118.555 | 19.234 | 270.223 | 34369.813 | 38623.270 | 24.795 | 26.264 |
| 29.095 | 1.017 | 14.701 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 118.563 | 19.235 | 270.241 | 34388.184 | 38643.559 | 24.809 | 26.278 |
| 29.080 | 1.017 | 14.690 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 118.551 | 19.235 | 270.215 | 34409.301 | 38667.066 | 24.826 | 26.294 |
| 29.062 | 1.017 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 118.538 | 19.235 | 270.185 | 34382.797 | 38637.207 | 24.805 | 26.273 |
| 29.084 | 1.017 | 14.688 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 118.531 | 19.234 | 270.169 | 34420.223 | 38680.273 | 24.835 | 26.303 |
| 29.053 | 1.017 | 14.683 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 118.536 | 19.234 | 270.179 | 34402.250 | 38659.793 | 24.821 | 26.289 |
| 29.068 | 1.017 | 14.676 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 118.517 | 19.235 | 270.136 | 34397.410 | 38653.555 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.685 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 118.501 | 19.235 | 270.100 | 34399.043 | 38655.320 | 24.818 | 26.286 |
| 29.071 | 1.017 | 14.694 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 118.503 | 19.234 | 270.105 | 34391.906 | 38647.875 | 24.812 | 26.281 |
| 29.077 | 1.017 | 14.684 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 118.491 | 19.234 | 270.077 | 34385.648 | 38640.844 | 24.807 | 26.276 |
| 29.082 | 1.017 | 14.686 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 118.498 | 19.234 | 270.093 | 34379.102 | 38633.484 | 24.802 | 26.271 |
| 29.087 | 1.017 | 14.683 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 118.491 | 19.235 | 270.077 | 34398.055 | 38654.133 | 24.817 | 26.285 |
| 29.071 | 1.017 | 14.689 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 118.477 | 19.235 | 270.046 | 34378.969 | 38632.547 | 24.801 | 26.270 |
| 29.088 | 1.017 | 14.691 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 118.468 | 19.236 | 270.026 | 34393.406 | 38648.699 | 24.813 | 26.281 |
| 29.075 | 1.017 | 14.695 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 118.480 | 19.235 | 270.052 | 34397.953 | 38654.453 | 24.817 | 26.285 |
| 29.071 | 1.017 | 14.686 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 118.479 | 19.236 | 270.050 | 34378.254 | 38631.520 | 24.801 | 26.269 |
| 29.088 | 1.017 | 14.684 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 118.475 | 19.235 | 270.041 | 34414.355 | 38672.746 | 24.830 | 26.297 |
| 29.058 | 1.017 | 14.687 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 118.482 | 19.234 | 270.057 | 34403.602 | 38661.016 | 24.822 | 26.289 |
| 29.067 | 1.017 | 14.689 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 118.475 | 19.235 | 270.040 | 34400.613 | 38656.930 | 24.819 | 26.287 |
| 29.069 | 1.017 | 14.693 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 118.484 | 19.236 | 270.061 | 34389.281 | 38643.914 | 24.810 | 26.278 |
| 29.079 | 1.017 | 14.686 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 118.474 | 19.236 | 270.039 | 34388.906 | 38643.574 | 24.809 | 26.278 |
| 29.079 | 1.017 | 14.689 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 118.484 | 19.235 | 270.061 | 34390.410 | 38645.465 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.687 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 118.483 | 19.236 | 270.058 | 34389.926 | 38644.719 | 24.810 | 26.278 |
| 29.078 | 1.017 | 14.696 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 118.487 | 19.235 | 270.067 | 34406.207 | 38663.813 | 24.824 | 26.291 |
| 29.065 | 1.017 | 14.703 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 118.489 | 19.235 | 270.074 | 34403.543 | 38660.820 | 24.822 | 26.289 |
| 29.067 | 1.017 | 14.704 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 118.495 | 19.235 | 270.086 | 34411.281 | 38669.074 | 24.827 | 26.295 |
| 29.060 | 1.017 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 118.504 | 19.235 | 270.107 | 34397.000 | 38653.094 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.704 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 118.497 | 19.234 | 270.091 | 34384.336 | 38639.367 | 24.806 | 26.275 |
| 29.083 | 1.017 | 14.711 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 118.520 | 19.235 | 270.144 | 34406.188 | 38663.418 | 24.823 | 26.291 |
| 29.065 | 1.017 | 14.702 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 118.522 | 19.235 | 270.148 | 34394.965 | 38650.523 | 24.814 | 26.282 |
| 29.074 | 1.017 | 14.705 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 118.514 | 19.235 | 270.131 | 34401.020 | 38657.465 | 24.819 | 26.287 |
| 29.069 | 1.017 | 14.703 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 118.524 | 19.235 | 270.153 | 34371.660 | 38624.395 | 24.796 | 26.265 |
| 29.094 | 1.017 | 14.706 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 118.525 | 19.235 | 270.155 | 34400.059 | 38656.680 | 24.819 | 26.287 |
| 29.070 | 1.017 | 14.710 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 118.519 | 19.234 | 270.140 | 34430.145 | 38691.066 | 24.843 | 26.310 |
| 29.044 | 1.017 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 118.528 | 19.234 | 270.161 | 34378.531 | 38633.066 | 24.802 | 26.270 |
| 29.088 | 1.017 | 14.714 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 118.516 | 19.235 | 270.134 | 34392.320 | 38647.766 | 24.812 | 26.280 |
| 29.076 | 1.017 | 14.718 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 118.527 | 19.235 | 270.160 | 34386.082 | 38640.680 | 24.807 | 26.276 |
| 29.082 | 1.017 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 118.532 | 19.235 | 270.171 | 34387.297 | 38642.563 | 24.809 | 26.277 |
| 29.081 | 1.017 | 14.717 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 118.532 | 19.236 | 270.172 | 34400.551 | 38656.508 | 24.819 | 26.286 |
| 29.069 | 1.017 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 118.533 | 19.236 | 270.174 | 34404.426 | 38661.082 | 24.822 | 26.290 |
| 29.066 | 1.017 | 14.716 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 118.530 | 19.234 | 270.167 | 34400.984 | 38658.152 | 24.820 | 26.288 |
| 29.069 | 1.017 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 118.529 | 19.234 | 270.163 | 34409.000 | 38667.598 | 24.826 | 26.294 |
| 29.062 | 1.017 | 14.719 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 118.532 | 19.234 | 270.170 | 34393.316 | 38649.684 | 24.814 | 26.282 |
| 29.075 | 1.017 | 14.725 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 118.533 | 19.234 | 270.173 | 34400.926 | 38658.012 | 24.820 | 26.287 |
| 29.069 | 1.017 | 14.728 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 118.529 | 19.235 | 270.165 | 34393.594 | 38649.641 | 24.814 | 26.282 |
| 29.075 | 1.017 | 14.733 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 118.524 | 19.235 | 270.152 | 34414.188 | 38672.262 | 24.830 | 26.297 |
| 29.058 | 1.017 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 118.533 | 19.234 | 270.174 | 34391.965 | 38647.941 | 24.812 | 26.281 |
| 29.077 | 1.017 | 14.727 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 118.531 | 19.235 | 270.168 | 34408.082 | 38665.262 | 24.825 | 26.292 |
| 29.063 | 1.017 | 14.720 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 118.533 | 19.236 | 270.174 | 34399.238 | 38655.184 | 24.818 | 26.286 |
| 29.070 | 1.017 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 118.524 | 19.235 | 270.153 | 34409.254 | 38666.793 | 24.826 | 26.293 |
| 29.062 | 1.017 | 14.721 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 118.527 | 19.235 | 270.159 | 34410.492 | 38668.629 | 24.827 | 26.295 |
| 29.061 | 1.017 | 14.722 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 118.541 | 19.235 | 270.191 | 34415.262 | 38673.906 | 24.831 | 26.298 |
| 29.057 | 1.017 | 14.710 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 118.540 | 19.235 | 270.190 | 34390.051 | 38645.504 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.722 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 118.533 | 19.235 | 270.174 | 34399.602 | 38656.461 | 24.818 | 26.286 |
| 29.070 | 1.017 | 14.723 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 118.528 | 19.235 | 270.161 | 34401.531 | 38658.188 | 24.820 | 26.288 |
| 29.068 | 1.017 | 14.736 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 118.523 | 19.235 | 270.150 | 34402.121 | 38659.137 | 24.820 | 26.288 |
| 29.068 | 1.017 | 14.740 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 118.536 | 19.235 | 270.179 | 34397.340 | 38653.766 | 24.817 | 26.285 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 29.072 | 1.017 | 14.739 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 118.526 | 19.235 | 270.158 | 34402.590 | 38659.750 | 24.821 | 26.289 |
| 29.068 | 1.017 | 14.746 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 118.539 | 19.235 | 270.187 | 34397.992 | 38654.582 | 24.817 | 26.285 |
| 29.071 | 1.017 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 118.548 | 19.236 | 270.209 | 34398.176 | 38654.059 | 24.817 | 26.285 |
| 29.071 | 1.017 | 14.739 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 118.555 | 19.235 | 270.224 | 34389.484 | 38644.426 | 24.810 | 26.278 |
| 29.079 | 1.017 | 14.737 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 118.556 | 19.235 | 270.226 | 34392.750 | 38648.469 | 24.813 | 26.281 |
| 29.076 | 1.017 | 14.738 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 118.554 | 19.236 | 270.221 | 34384.324 | 38638.129 | 24.805 | 26.274 |
| 29.083 | 1.017 | 14.748 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 118.556 | 19.236 | 270.226 | 34414.102 | 38671.449 | 24.829 | 26.297 |
| 29.058 | 1.017 | 14.751 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 118.569 | 19.236 | 270.254 | 34396.027 | 38651.645 | 24.815 | 26.283 |
| 29.073 | 1.017 | 14.741 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 118.584 | 19.235 | 270.290 | 34386.285 | 38641.426 | 24.808 | 26.276 |
| 29.081 | 1.017 | 14.738 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 118.572 | 19.235 | 270.261 | 34414.398 | 38672.500 | 24.830 | 26.297 |
| 29.058 | 1.017 | 14.750 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 118.590 | 19.235 | 270.303 | 34395.551 | 38651.754 | 24.815 | 26.283 |
| 29.074 | 1.017 | 14.746 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 118.604 | 19.235 | 270.336 | 34405.027 | 38662.406 | 24.823 | 26.290 |
| 29.066 | 1.017 | 14.741 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 118.611 | 19.235 | 270.351 | 34403.184 | 38659.898 | 24.821 | 26.289 |
| 29.067 | 1.017 | 14.750 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 118.616 | 19.236 | 270.363 | 34417.777 | 38675.508 | 24.832 | 26.299 |
| 29.055 | 1.017 | 14.754 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 118.631 | 19.236 | 270.396 | 34401.633 | 38657.293 | 24.819 | 26.287 |
| 29.068 | 1.017 | 14.749 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 118.644 | 19.235 | 270.426 | 34384.816 | 38639.180 | 24.806 | 26.275 |
| 29.083 | 1.017 | 14.754 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 118.634 | 19.236 | 270.405 | 34414.953 | 38672.914 | 24.830 | 26.298 |
| 29.057 | 1.017 | 14.761 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 118.656 | 19.235 | 270.454 | 34379.043 | 38632.629 | 24.802 | 26.270 |
| 29.087 | 1.017 | 14.760 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 118.655 | 19.236 | 270.451 | 34402.676 | 38659.047 | 24.820 | 26.288 |
| 29.068 | 1.017 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 118.665 | 19.236 | 270.475 | 34399.980 | 38656.020 | 24.818 | 26.286 |
| 29.070 | 1.017 | 14.766 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 118.669 | 19.236 | 270.482 | 34395.578 | 38650.918 | 24.815 | 26.283 |
| 29.074 | 1.017 | 14.765 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 118.677 | 19.236 | 270.501 | 34391.953 | 38646.844 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.769 | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 118.678 | 19.235 | 270.505 | 34404.313 | 38661.027 | 24.822 | 26.289 |
| 29.066 | 1.017 | 14.775 | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 118.674 | 19.235 | 270.496 | 34427.219 | 38687.051 | 24.840 | 26.307 |
| 29.047 | 1.017 | 14.771 | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 118.683 | 19.235 | 270.514 | 34413.770 | 38671.867 | 24.829 | 26.297 |
| 29.058 | 1.017 | 14.779 | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 118.691 | 19.236 | 270.534 | 34392.313 | 38647.402 | 24.812 | 26.280 |
| 29.076 | 1.017 | 14.786 | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 118.680 | 19.236 | 270.508 | 34405.414 | 38661.973 | 24.822 | 26.290 |
| 29.065 | 1.017 | 14.787 | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 118.693 | 19.235 | 270.539 | 34386.742 | 38641.422 | 24.808 | 26.276 |
| 29.081 | 1.017 | 14.790 | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 118.678 | 19.235 | 270.504 | 34386.711 | 38641.973 | 24.808 | 26.277 |
| 29.081 | 1.017 | 14.796 | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 118.683 | 19.235 | 270.515 | 34392.750 | 38648.316 | 24.813 | 26.281 |
| 29.076 | 1.017 | 14.796 | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 118.676 | 19.236 | 270.500 | 34383.520 | 38637.520 | 24.805 | 26.274 |
| 29.084 | 1.017 | 14.803 | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 118.673 | 19.236 | 270.493 | 34397.863 | 38653.488 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.799 | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 118.655 | 19.235 | 270.451 | 34411.348 | 38669.438 | 24.828 | 26.295 |
| 29.060 | 1.017 | 14.804 | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 118.650 | 19.236 | 270.440 | 34404.559 | 38661.164 | 24.822 | 26.290 |
| 29.066 | 1.017 | 14.794 | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 118.649 | 19.235 | 270.438 | 34388.590 | 38643.422 | 24.809 | 26.278 |
| 29.079 | 1.017 | 14.784 | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 118.639 | 19.234 | 270.416 | 34367.176 | 38620.082 | 24.793 | 26.262 |
| 29.098 | 1.017 | 14.781 | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 118.641 | 19.234 | 270.420 | 34411.754 | 38670.180 | 24.828 | 26.296 |
| 29.060 | 1.017 | 14.773 | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 118.627 | 19.235 | 270.387 | 34384.684 | 38639.328 | 24.806 | 26.275 |
| 29.083 | 1.017 | 14.777 | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 118.620 | 19.234 | 270.372 | 34374.566 | 38628.543 | 24.799 | 26.267 |
| 29.091 | 1.017 | 14.782 | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 118.617 | 19.234 | 270.364 | 34381.582 | 38636.566 | 24.804 | 26.273 |
| 29.085 | 1.017 | 14.772 | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 118.593 | 19.234 | 270.310 | 34381.582 | 38636.715 | 24.804 | 26.273 |
| 29.085 | 1.017 | 14.768 | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 118.588 | 19.235 | 270.297 | 34386.301 | 38641.512 | 24.808 | 26.276 |
| 29.081 | 1.017 | 14.768 | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 118.571 | 19.234 | 270.260 | 34405.141 | 38663.113 | 24.823 | 26.291 |
| 29.065 | 1.017 | 14.773 | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 118.560 | 19.235 | 270.234 | 34371.523 | 38624.613 | 24.796 | 26.265 |
| 29.094 | 1.017 | 14.785 | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 118.536 | 19.235 | 270.180 | 34405.344 | 38662.469 | 24.823 | 26.290 |
| 29.065 | 1.017 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 118.537 | 19.235 | 270.181 | 34397.961 | 38654.027 | 24.817 | 26.285 |
| 29.071 | 1.017 | 14.780 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 118.519 | 19.236 | 270.141 | 34371.512 | 38624.098 | 24.795 | 26.264 |
| 29.094 | 1.017 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 118.500 | 19.236 | 270.098 | 34377.391 | 38629.906 | 24.800 | 26.268 |
| 29.089 | 1.017 | 14.779 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 118.501 | 19.237 | 270.100 | 34374.914 | 38626.398 | 24.797 | 26.266 |
| 29.091 | 1.017 | 14.776 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 118.488 | 19.235 | 270.070 | 34376.527 | 38630.461 | 24.800 | 26.269 |
| 29.090 | 1.017 | 14.779 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 118.484 | 19.235 | 270.062 | 34344.688 | 38594.023 | 24.774 | 26.244 |
| 29.117 | 1.017 | 14.776 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 118.469 | 19.235 | 270.028 | 34358.617 | 38610.180 | 24.786 | 26.255 |
| 29.105 | 1.017 | 14.778 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 118.463 | 19.236 | 270.013 | 34362.496 | 38613.965 | 24.788 | 26.257 |
| 29.101 | 1.017 | 14.782 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 118.461 | 19.235 | 270.008 | 34348.008 | 38598.191 | 24.777 | 26.247 |
| 29.114 | 1.017 | 14.775 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 118.447 | 19.235 | 269.978 | 34350.762 | 38601.133 | 24.779 | 26.249 |
| 29.111 | 1.017 | 14.779 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 118.445 | 19.234 | 269.972 | 34344.191 | 38594.254 | 24.774 | 26.244 |
| 29.117 | 1.017 | 14.776 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 118.450 | 19.235 | 269.985 | 34379.883 | 38633.637 | 24.802 | 26.271 |
| 29.087 | 1.017 | 14.773 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 118.453 | 19.236 | 269.992 | 34373.359 | 38626.172 | 24.797 | 26.266 |
| 29.092 | 1.017 | 14.770 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 118.459 | 19.234 | 270.006 | 34364.973 | 38617.609 | 24.791 | 26.260 |
| 29.099 | 1.017 | 14.765 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 118.443 | 19.235 | 269.967 | 34348.824 | 38598.672 | 24.777 | 26.247 |
| 29.113 | 1.017 | 14.769 | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 118.440 | 19.235 | 269.962 | 34363.031 | 38615.070 | 24.789 | 26.258 |
| 29.101 | 1.017 | 14.773 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 118.448 | 19.235 | 269.979 | 34377.352 | 38631.234 | 24.801 | 26.269 |
| 29.089 | 1.017 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 118.438 | 19.235 | 269.956 | 34385.617 | 38640.676 | 24.807 | 26.276 |
| 29.082 | 1.017 | 14.777 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 118.461 | 19.235 | 270.010 | 34404.027 | 38661.066 | 24.822 | 26.290 |
| 29.066 | 1.017 | 14.774 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 118.444 | 19.235 | 269.971 | 34380.016 | 38633.785 | 24.802 | 26.271 |
| 29.087 | 1.017 | 14.779 | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 118.458 | 19.235 | 270.003 | 34383.430 | 38637.918 | 24.805 | 26.274 |
| 29.084 | 1.017 | 14.778 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/9/2017 7:45:00 PM | 423900.000 | 118.461 | 19.235 | 270.009 | 34381.762 | 38636.414 | 24.804 | 26.273 |
| 29.085 | 1.017 | 14.775 | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 118.460 | 19.235 | 270.007 | 34385.438 | 38639.879 | 24.807 | 26.275 |
| 29.082 | 1.017 | 14.777 | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 118.465 | 19.234 | 270.017 | 34360.797 | 38612.914 | 24.788 | 26.257 |
| 29.103 | 1.017 | 14.786 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 118.474 | 19.235 | 270.039 | 34396.602 | 38652.867 | 24.816 | 26.284 |
| 29.073 | 1.017 | 14.782 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 118.482 | 19.235 | 270.057 | 34386.590 | 38641.684 | 24.808 | 26.276 |
| 29.081 | 1.017 | 14.774 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 118.486 | 19.235 | 270.067 | 34386.863 | 38641.992 | 24.808 | 26.277 |
| 29.081 | 1.017 | 14.783 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 118.489 | 19.235 | 270.074 | 34380.547 | 38634.824 | 24.803 | 26.272 |
| 29.086 | 1.017 | 14.780 | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 118.503 | 19.235 | 270.104 | 34395.520 | 38651.285 | 24.815 | 26.283 |
| 29.074 | 1.017 | 14.771 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 118.506 | 19.234 | 270.111 | 34397.242 | 38653.949 | 24.817 | 26.285 |
| 29.072 | 1.017 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 118.511 | 19.235 | 270.123 | 34368.059 | 38620.426 | 24.793 | 26.262 |
| 29.097 | 1.017 | 14.775 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 118.503 | 19.235 | 270.106 | 34395.934 | 38651.895 | 24.815 | 26.283 |
| 29.073 | 1.017 | 14.779 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 118.508 | 19.234 | 270.117 | 34376.164 | 38630.336 | 24.800 | 26.269 |
| 29.090 | 1.017 | 14.785 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 118.509 | 19.235 | 270.119 | 34406.605 | 38664.262 | 24.824 | 26.292 |
| 29.064 | 1.017 | 14.780 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 118.527 | 19.234 | 270.159 | 34395.363 | 38651.758 | 24.815 | 26.283 |
| 29.074 | 1.017 | 14.776 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 118.515 | 19.235 | 270.132 | 34387.836 | 38642.652 | 24.809 | 26.277 |
| 29.080 | 1.017 | 14.783 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 118.523 | 19.234 | 270.151 | 34416.727 | 38675.988 | 24.832 | 26.300 |
| 29.056 | 1.017 | 14.772 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 118.527 | 19.235 | 270.160 | 34389.848 | 38645.277 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.769 | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 118.526 | 19.235 | 270.157 | 34398.059 | 38654.215 | 24.817 | 26.285 |
| 29.071 | 1.017 | 14.772 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 118.526 | 19.234 | 270.158 | 34401.875 | 38659.371 | 24.821 | 26.288 |
| 29.068 | 1.017 | 14.777 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 118.531 | 19.235 | 270.169 | 34411.465 | 38669.348 | 24.828 | 26.295 |
| 29.060 | 1.017 | 14.776 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 118.524 | 19.235 | 270.153 | 34400.313 | 38656.672 | 24.819 | 26.287 |
| 29.070 | 1.017 | 14.769 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 118.523 | 19.234 | 270.150 | 34415.105 | 38674.023 | 24.831 | 26.298 |
| 29.057 | 1.017 | 14.766 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 118.525 | 19.235 | 270.156 | 34366.895 | 38619.555 | 24.792 | 26.261 |
| 29.098 | 1.017 | 14.770 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 118.524 | 19.235 | 270.153 | 34382.844 | 38637.043 | 24.805 | 26.273 |
| 29.084 | 1.017 | 14.767 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 118.517 | 19.235 | 270.137 | 34380.055 | 38633.828 | 24.802 | 26.271 |
| 29.087 | 1.017 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 118.524 | 19.235 | 270.152 | 34367.527 | 38619.754 | 24.792 | 26.261 |
| 29.097 | 1.017 | 14.771 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 118.531 | 19.235 | 270.169 | 34369.695 | 38622.781 | 24.795 | 26.263 |
| 29.095 | 1.017 | 14.766 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 118.526 | 19.235 | 270.158 | 34389.828 | 38645.109 | 24.810 | 26.279 |
| 29.078 | 1.017 | 14.769 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 118.519 | 19.235 | 270.142 | 34388.418 | 38643.523 | 24.809 | 26.278 |
| 29.080 | 1.017 | 14.770 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 118.532 | 19.235 | 270.172 | 34380.961 | 38635.000 | 24.803 | 26.272 |
| 29.086 | 1.017 | 14.762 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 118.530 | 19.235 | 270.167 | 34393.184 | 38649.094 | 24.813 | 26.281 |
| 29.076 | 1.017 | 14.759 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 118.526 | 19.235 | 270.157 | 34402.066 | 38658.863 | 24.820 | 26.288 |
| 29.068 | 1.017 | 14.754 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 118.524 | 19.235 | 270.152 | 34375.359 | 38628.492 | 24.799 | 26.267 |
| 29.091 | 1.017 | 14.757 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 118.528 | 19.236 | 270.162 | 34396.496 | 38652.172 | 24.815 | 26.283 |
| 29.073 | 1.017 | 14.761 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 118.535 | 19.235 | 270.177 | 34391.930 | 38647.172 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.753 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 118.544 | 19.234 | 270.197 | 34398.984 | 38656.121 | 24.818 | 26.286 |
| 29.071 | 1.017 | 14.749 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 118.563 | 19.235 | 270.242 | 34393.637 | 38649.313 | 24.813 | 26.282 |
| 29.075 | 1.017 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 118.557 | 19.234 | 270.229 | 34390.031 | 38646.137 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.744 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 118.573 | 19.235 | 270.264 | 34386.020 | 38640.684 | 24.807 | 26.276 |
| 29.082 | 1.017 | 14.733 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 118.575 | 19.236 | 270.269 | 34380.367 | 38634.047 | 24.803 | 26.271 |
| 29.086 | 1.017 | 14.741 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 118.579 | 19.236 | 270.279 | 34393.105 | 38648.363 | 24.813 | 26.281 |
| 29.076 | 1.017 | 14.735 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 118.588 | 19.235 | 270.298 | 34398.984 | 38655.695 | 24.818 | 26.286 |
| 29.071 | 1.017 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 118.600 | 19.235 | 270.326 | 34402.723 | 38659.301 | 24.820 | 26.288 |
| 29.067 | 1.017 | 14.740 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 118.611 | 19.235 | 270.351 | 34388.680 | 38643.742 | 24.809 | 26.278 |
| 29.079 | 1.017 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 118.635 | 19.235 | 270.405 | 34386.957 | 38642.180 | 24.808 | 26.277 |
| 29.081 | 1.017 | 14.734 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 118.629 | 19.235 | 270.391 | 34390.664 | 38646.125 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.742 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 118.642 | 19.235 | 270.422 | 34384.898 | 38639.211 | 24.806 | 26.275 |
| 29.083 | 1.017 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 118.651 | 19.235 | 270.443 | 34391.539 | 38646.887 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.740 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 118.669 | 19.236 | 270.484 | 34412.121 | 38669.152 | 24.828 | 26.295 |
| 29.060 | 1.017 | 14.737 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 118.664 | 19.236 | 270.472 | 34400.285 | 38656.277 | 24.818 | 26.286 |
| 29.070 | 1.017 | 14.739 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 118.677 | 19.235 | 270.501 | 34391.977 | 38647.227 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.737 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 118.692 | 19.235 | 270.535 | 34386.891 | 38641.590 | 24.808 | 26.276 |
| 29.081 | 1.017 | 14.739 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 118.695 | 19.236 | 270.542 | 34394.980 | 38649.961 | 24.814 | 26.282 |
| 29.074 | 1.017 | 14.743 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 118.702 | 19.235 | 270.558 | 34407.012 | 38664.199 | 24.824 | 26.292 |
| 29.064 | 1.017 | 14.740 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 118.707 | 19.234 | 270.570 | 34388.438 | 38644.344 | 24.810 | 26.278 |
| 29.080 | 1.017 | 14.747 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 118.707 | 19.235 | 270.569 | 34375.164 | 38628.707 | 24.799 | 26.268 |
| 29.091 | 1.017 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 118.722 | 19.235 | 270.605 | 34364.957 | 38617.086 | 24.790 | 26.260 |
| 29.099 | 1.017 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 118.712 | 19.235 | 270.581 | 34397.199 | 38653.246 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.750 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 118.728 | 19.235 | 270.618 | 34410.348 | 38668.242 | 24.827 | 26.294 |
| 29.061 | 1.017 | 14.746 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 118.725 | 19.235 | 270.611 | 34381.758 | 38635.820 | 24.804 | 26.272 |
| 29.085 | 1.017 | 14.743 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 118.728 | 19.235 | 270.619 | 34403.402 | 38660.363 | 24.821 | 26.289 |
| 29.067 | 1.017 | 14.740 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 118.738 | 19.236 | 270.640 | 34422.441 | 38681.258 | 24.836 | 26.303 |
| 29.051 | 1.017 | 14.733 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 118.726 | 19.235 | 270.612 | 34378.262 | 38632.113 | 24.801 | 26.270 |
| 29.088 | 1.017 | 14.730 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 118.724 | 19.235 | 270.609 | 34391.422 | 38646.680 | 24.812 | 26.280 |
| 29.077 | 1.017 | 14.729 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 118.721 | 19.235 | 270.602 | 34400.984 | 38658.016 | 24.820 | 26.287 |
| 29.069 | 1.017 | 14.730 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 118.706 | 19.235 | 270.568 | 34381.488 | 38636.035 | 24.804 | 26.273 |
| 29.085 | 1.017 | 14.717 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 118.704 | 19.235 | 270.564 | 34406.523 | 38663.727 | 24.824 | 26.291 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 29.064 | 1.017 | 14.716 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 118.707 | 19.235 | 270.569 | 34390.332 | 38645.750 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.707 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 118.694 | 19.235 | 270.540 | 34371.813 | 38624.504 | 24.796 | 26.265 |
| 29.094 | 1.017 | 14.700 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 118.683 | 19.234 | 270.514 | 34366.875 | 38620.113 | 24.793 | 26.262 |
| 29.098 | 1.017 | 14.708 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 118.680 | 19.234 | 270.507 | 34392.391 | 38648.996 | 24.813 | 26.281 |
| 29.076 | 1.017 | 14.696 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 118.686 | 19.234 | 270.523 | 34406.367 | 38664.277 | 24.824 | 26.292 |
| 29.064 | 1.017 | 14.698 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 118.650 | 19.236 | 270.440 | 34387.816 | 38642.266 | 24.808 | 26.277 |
| 29.080 | 1.017 | 14.694 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 118.644 | 19.235 | 270.426 | 34371.719 | 38624.461 | 24.796 | 26.265 |
| 29.094 | 1.017 | 14.689 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 118.670 | 19.237 | 270.486 | 34388.668 | 38642.426 | 24.809 | 26.277 |
| 29.079 | 1.017 | 14.677 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 118.616 | 19.238 | 270.362 | 34373.758 | 38624.875 | 24.796 | 26.265 |
| 29.092 | 1.017 | 14.688 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 118.608 | 19.236 | 270.345 | 34346.660 | 38595.949 | 24.776 | 26.245 |
| 29.115 | 1.017 | 14.683 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 118.597 | 19.234 | 270.319 | 34345.945 | 38596.227 | 24.776 | 26.245 |
| 29.116 | 1.017 | 14.681 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 118.579 | 19.236 | 270.279 | 34365.031 | 38616.664 | 24.790 | 26.259 |
| 29.099 | 1.017 | 14.679 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 118.578 | 19.235 | 270.276 | 34328.891 | 38577.000 | 24.762 | 26.232 |
| 29.130 | 1.017 | 14.671 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 118.570 | 19.235 | 270.259 | 34316.109 | 38562.637 | 24.752 | 26.223 |
| 29.141 | 1.017 | 14.666 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 118.559 | 19.235 | 270.233 | 34344.945 | 38594.887 | 24.775 | 26.245 |
| 29.116 | 1.017 | 14.664 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 118.544 | 19.235 | 270.198 | 34350.266 | 38600.797 | 24.779 | 26.249 |
| 29.112 | 1.017 | 14.663 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 118.533 | 19.235 | 270.173 | 34332.113 | 38580.109 | 24.764 | 26.234 |
| 29.127 | 1.017 | 14.666 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 118.529 | 19.235 | 270.163 | 34330.176 | 38578.375 | 24.763 | 26.233 |
| 29.129 | 1.017 | 14.662 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 118.532 | 19.235 | 270.172 | 34334.055 | 38582.074 | 24.766 | 26.236 |
| 29.126 | 1.017 | 14.640 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 118.514 | 19.235 | 270.129 | 34354.398 | 38605.297 | 24.782 | 26.252 |
| 29.108 | 1.017 | 14.647 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 118.523 | 19.235 | 270.150 | 34346.758 | 38596.855 | 24.776 | 26.246 |
| 29.115 | 1.017 | 14.637 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 118.510 | 19.235 | 270.120 | 34349.262 | 38599.598 | 24.778 | 26.248 |
| 29.113 | 1.017 | 14.649 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 118.509 | 19.235 | 270.118 | 34361.000 | 38612.930 | 24.788 | 26.257 |
| 29.103 | 1.017 | 14.648 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 118.505 | 19.235 | 270.109 | 34350.547 | 38601.266 | 24.779 | 26.249 |
| 29.112 | 1.017 | 14.644 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 118.512 | 19.234 | 270.126 | 34351.516 | 38602.563 | 24.780 | 26.250 |
| 29.111 | 1.017 | 14.638 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 118.511 | 19.235 | 270.122 | 34375.684 | 38628.996 | 24.799 | 26.268 |
| 29.090 | 1.017 | 14.639 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 118.526 | 19.235 | 270.156 | 34377.148 | 38630.938 | 24.800 | 26.269 |
| 29.089 | 1.017 | 14.625 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 118.519 | 19.235 | 270.140 | 34383.891 | 38638.512 | 24.806 | 26.274 |
| 29.083 | 1.017 | 14.628 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 118.531 | 19.235 | 270.168 | 34361.211 | 38612.652 | 24.787 | 26.257 |
| 29.103 | 1.017 | 14.617 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 118.527 | 19.235 | 270.159 | 34384.754 | 38639.406 | 24.806 | 26.275 |
| 29.083 | 1.017 | 14.624 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 118.539 | 19.234 | 270.188 | 34393.082 | 38649.195 | 24.813 | 26.281 |
| 29.076 | 1.017 | 14.617 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 118.539 | 19.235 | 270.186 | 34369.914 | 38622.656 | 24.794 | 26.263 |
| 29.095 | 1.017 | 14.616 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 118.547 | 19.235 | 270.206 | 34386.012 | 38641.117 | 24.808 | 26.276 |
| 29.082 | 1.017 | 14.619 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 118.559 | 19.235 | 270.233 | 34393.758 | 38649.602 | 24.814 | 26.282 |
| 29.075 | 1.017 | 14.607 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 118.565 | 19.235 | 270.246 | 34389.602 | 38644.781 | 24.810 | 26.278 |
| 29.079 | 1.017 | 14.612 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 118.561 | 19.235 | 270.238 | 34389.629 | 38644.813 | 24.810 | 26.278 |
| 29.079 | 1.017 | 14.635 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 118.564 | 19.236 | 270.244 | 34389.070 | 38643.828 | 24.810 | 26.278 |
| 29.079 | 1.017 | 14.649 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 118.581 | 19.236 | 270.282 | 34402.383 | 38658.566 | 24.820 | 26.288 |
| 29.068 | 1.017 | 14.644 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 118.567 | 19.235 | 270.251 | 34378.984 | 38632.625 | 24.802 | 26.270 |
| 29.088 | 1.017 | 14.659 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 118.587 | 19.236 | 270.297 | 34404.313 | 38660.734 | 24.822 | 26.289 |
| 29.066 | 1.017 | 14.652 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 118.593 | 19.235 | 270.309 | 34390.406 | 38645.539 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.645 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 118.597 | 19.235 | 270.319 | 34390.262 | 38645.742 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.655 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 118.592 | 19.236 | 270.307 | 34392.234 | 38647.313 | 24.812 | 26.280 |
| 29.076 | 1.017 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 118.607 | 19.236 | 270.342 | 34373.000 | 38625.770 | 24.797 | 26.266 |
| 29.093 | 1.017 | 14.660 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 118.611 | 19.235 | 270.352 | 34408.918 | 38666.488 | 24.826 | 26.293 |
| 29.062 | 1.017 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 118.620 | 19.235 | 270.371 | 34405.031 | 38662.340 | 24.823 | 26.290 |
| 29.066 | 1.017 | 14.657 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 118.622 | 19.235 | 270.377 | 34394.570 | 38650.293 | 24.814 | 26.282 |
| 29.074 | 1.017 | 14.660 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 118.625 | 19.235 | 270.382 | 34362.676 | 38614.453 | 24.789 | 26.258 |
| 29.101 | 1.017 | 14.651 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 118.619 | 19.235 | 270.369 | 34381.445 | 38635.906 | 24.804 | 26.272 |
| 29.085 | 1.017 | 14.657 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 118.617 | 19.234 | 270.364 | 34394.930 | 38651.426 | 24.815 | 26.283 |
| 29.074 | 1.017 | 14.661 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 118.615 | 19.235 | 270.361 | 34384.176 | 38638.398 | 24.806 | 26.274 |
| 29.083 | 1.017 | 14.657 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 118.630 | 19.235 | 270.395 | 34391.195 | 38646.426 | 24.811 | 26.280 |
| 29.077 | 1.017 | 14.652 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 118.629 | 19.235 | 270.392 | 34394.910 | 38650.895 | 24.815 | 26.283 |
| 29.074 | 1.017 | 14.662 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 118.627 | 19.234 | 270.388 | 34393.016 | 38649.199 | 24.813 | 26.281 |
| 29.076 | 1.017 | 14.666 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 118.621 | 19.236 | 270.373 | 34396.633 | 38652.328 | 24.816 | 26.284 |
| 29.073 | 1.017 | 14.669 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 118.626 | 19.235 | 270.386 | 34395.063 | 38651.359 | 24.815 | 26.283 |
| 29.074 | 1.017 | 14.665 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 118.623 | 19.235 | 270.378 | 34393.637 | 38649.465 | 24.813 | 26.282 |
| 29.075 | 1.017 | 14.666 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 118.616 | 19.234 | 270.363 | 34400.852 | 38658.219 | 24.820 | 26.288 |
| 29.069 | 1.017 | 14.671 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 118.620 | 19.234 | 270.371 | 34368.473 | 38621.695 | 24.794 | 26.263 |
| 29.096 | 1.017 | 14.672 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 118.636 | 19.235 | 270.407 | 34380.469 | 38634.516 | 24.803 | 26.271 |
| 29.086 | 1.017 | 14.668 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 118.623 | 19.235 | 270.378 | 34377.887 | 38632.059 | 24.801 | 26.270 |
| 29.088 | 1.017 | 14.675 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 118.636 | 19.236 | 270.408 | 34377.570 | 38630.906 | 24.800 | 26.269 |
| 29.089 | 1.017 | 14.671 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 118.633 | 19.235 | 270.401 | 34367.207 | 38619.469 | 24.792 | 26.261 |
| 29.098 | 1.017 | 14.676 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 118.623 | 19.235 | 270.379 | 34398.281 | 38654.250 | 24.817 | 26.285 |
| 29.071 | 1.017 | 14.678 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 118.624 | 19.235 | 270.380 | 34372.844 | 38625.805 | 24.797 | 26.266 |
| 29.093 | 1.017 | 14.679 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 118.630 | 19.235 | 270.393 | 34380.371 | 38634.336 | 24.803 | 26.271 |
| 29.086 | 1.017 | 14.680 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/11/2017 5:00:00 AM | 543600.000 | 118.632 | 19.235 | 270.400 | 34382.520 | 38636.598 | 24.804 | 26.273 |
| 29.085 | 1.017 | 14.675 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 118.641 | 19.234 | 270.419 | 34393.246 | 38650.109 | 24.814 | 26.282 |
| 29.075 | 1.017 | 14.669 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 118.644 | 19.234 | 270.427 | 34388.191 | 38643.992 | 24.810 | 26.278 |
| 29.080 | 1.017 | 14.671 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 118.659 | 19.234 | 270.461 | 34376.293 | 38630.621 | 24.800 | 26.269 |
| 29.090 | 1.017 | 14.672 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 118.668 | 19.235 | 270.480 | 34389.184 | 38644.754 | 24.810 | 26.278 |
| 29.079 | 1.017 | 14.673 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 118.662 | 19.235 | 270.467 | 34403.668 | 38660.301 | 24.821 | 26.289 |
| 29.067 | 1.017 | 14.679 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 118.667 | 19.236 | 270.480 | 34374.219 | 38626.848 | 24.797 | 26.266 |
| 29.092 | 1.017 | 14.688 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 118.689 | 19.235 | 270.528 | 34384.426 | 38638.965 | 24.806 | 26.274 |
| 29.083 | 1.017 | 14.681 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 118.698 | 19.234 | 270.549 | 34401.996 | 38659.367 | 24.821 | 26.288 |
| 29.068 | 1.017 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 118.693 | 19.236 | 270.538 | 34397.832 | 38653.520 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.683 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 118.724 | 19.234 | 270.609 | 34390.410 | 38646.195 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.687 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 118.717 | 19.234 | 270.593 | 34396.051 | 38652.609 | 24.816 | 26.284 |
| 29.073 | 1.017 | 14.689 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 118.720 | 19.235 | 270.598 | 34385.617 | 38640.453 | 24.807 | 26.276 |
| 29.082 | 1.017 | 14.696 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 118.731 | 19.235 | 270.625 | 34386.766 | 38641.449 | 24.808 | 26.276 |
| 29.081 | 1.017 | 14.698 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 118.737 | 19.236 | 270.639 | 34394.133 | 38649.012 | 24.813 | 26.281 |
| 29.075 | 1.017 | 14.702 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 118.761 | 19.235 | 270.694 | 34394.160 | 38649.758 | 24.814 | 26.282 |
| 29.075 | 1.017 | 14.694 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 118.764 | 19.235 | 270.700 | 34379.094 | 38632.688 | 24.802 | 26.270 |
| 29.087 | 1.017 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 118.777 | 19.236 | 270.729 | 34393.809 | 38649.000 | 24.813 | 26.281 |
| 29.075 | 1.017 | 14.702 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 118.781 | 19.235 | 270.739 | 34387.262 | 38642.082 | 24.808 | 26.277 |
| 29.081 | 1.017 | 14.704 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 118.781 | 19.235 | 270.737 | 34389.914 | 38645.422 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.714 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 118.794 | 19.235 | 270.767 | 34401.500 | 38658.004 | 24.820 | 26.287 |
| 29.069 | 1.017 | 14.709 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 118.796 | 19.235 | 270.773 | 34408.941 | 38666.227 | 24.825 | 26.293 |
| 29.062 | 1.017 | 14.720 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 118.801 | 19.235 | 270.784 | 34374.797 | 38628.363 | 24.799 | 26.267 |
| 29.091 | 1.017 | 14.719 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 118.794 | 19.234 | 270.769 | 34382.875 | 38637.727 | 24.805 | 26.274 |
| 29.084 | 1.017 | 14.726 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 118.801 | 19.235 | 270.784 | 34376.793 | 38630.316 | 24.800 | 26.269 |
| 29.089 | 1.017 | 14.724 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 118.802 | 19.236 | 270.787 | 34409.500 | 38666.785 | 24.826 | 26.293 |
| 29.062 | 1.017 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 118.798 | 19.235 | 270.777 | 34368.309 | 38620.781 | 24.793 | 26.262 |
| 29.097 | 1.017 | 14.722 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 118.795 | 19.235 | 270.771 | 34384.648 | 38639.289 | 24.806 | 26.275 |
| 29.083 | 1.017 | 14.721 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 118.784 | 19.235 | 270.746 | 34399.516 | 38656.141 | 24.818 | 26.286 |
| 29.070 | 1.017 | 14.719 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 118.801 | 19.235 | 270.783 | 34370.660 | 38623.426 | 24.795 | 26.264 |
| 29.095 | 1.017 | 14.714 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 118.790 | 19.235 | 270.758 | 34419.371 | 38678.453 | 24.834 | 26.301 |
| 29.053 | 1.017 | 14.712 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 118.782 | 19.236 | 270.741 | 34397.668 | 38653.488 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.708 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 118.774 | 19.236 | 270.723 | 34391.012 | 38645.719 | 24.811 | 26.279 |
| 29.077 | 1.017 | 14.707 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 118.758 | 19.235 | 270.685 | 34380.840 | 38634.711 | 24.803 | 26.272 |
| 29.086 | 1.017 | 14.708 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 118.758 | 19.235 | 270.686 | 34390.699 | 38645.867 | 24.811 | 26.279 |
| 29.078 | 1.017 | 14.704 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 118.742 | 19.235 | 270.649 | 34399.664 | 38656.379 | 24.818 | 26.286 |
| 29.070 | 1.017 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 118.741 | 19.235 | 270.648 | 34368.902 | 38621.668 | 24.794 | 26.263 |
| 29.096 | 1.017 | 14.703 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 118.721 | 19.235 | 270.602 | 34388.203 | 38643.500 | 24.809 | 26.278 |
| 29.080 | 1.017 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 118.704 | 19.234 | 270.563 | 34386.473 | 38642.211 | 24.808 | 26.277 |
| 29.081 | 1.017 | 14.706 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 118.685 | 19.235 | 270.520 | 34416.473 | 38674.977 | 24.832 | 26.299 |
| 29.056 | 1.017 | 14.702 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 118.682 | 19.235 | 270.512 | 34369.973 | 38622.871 | 24.795 | 26.264 |
| 29.095 | 1.017 | 14.706 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 118.662 | 19.235 | 270.468 | 34385.801 | 38640.586 | 24.807 | 26.276 |
| 29.082 | 1.017 | 14.708 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 118.661 | 19.235 | 270.465 | 34370.480 | 38623.148 | 24.795 | 26.264 |
| 29.095 | 1.017 | 14.705 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 118.637 | 19.236 | 270.411 | 34379.063 | 38632.289 | 24.801 | 26.270 |
| 29.087 | 1.017 | 14.703 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 118.628 | 19.236 | 270.390 | 34368.047 | 38619.629 | 24.792 | 26.261 |
| 29.097 | 1.017 | 14.700 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 118.614 | 19.237 | 270.358 | 34379.598 | 38632.023 | 24.801 | 26.270 |
| 29.087 | 1.017 | 14.703 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 118.612 | 19.236 | 270.352 | 34348.855 | 38598.063 | 24.777 | 26.247 |
| 29.113 | 1.017 | 14.702 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 118.585 | 19.235 | 270.293 | 34360.719 | 38612.766 | 24.787 | 26.257 |
| 29.103 | 1.017 | 14.710 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 118.580 | 19.235 | 270.280 | 34345.758 | 38595.512 | 24.775 | 26.245 |
| 29.116 | 1.017 | 14.709 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 118.563 | 19.235 | 270.241 | 34356.402 | 38607.328 | 24.784 | 26.253 |
| 29.107 | 1.017 | 14.707 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 118.558 | 19.235 | 270.229 | 34329.680 | 38577.594 | 24.762 | 26.233 |
| 29.129 | 1.017 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 118.550 | 19.235 | 270.211 | 34328.828 | 38576.266 | 24.762 | 26.232 |
| 29.130 | 1.017 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 118.540 | 19.236 | 270.190 | 34339.684 | 38588.332 | 24.770 | 26.240 |
| 29.121 | 1.017 | 14.704 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 118.527 | 19.236 | 270.160 | 34343.348 | 38591.941 | 24.773 | 26.243 |
| 29.118 | 1.017 | 14.708 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 118.535 | 19.236 | 270.178 | 34348.012 | 38597.621 | 24.777 | 26.246 |
| 29.114 | 1.017 | 14.703 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 118.530 | 19.235 | 270.166 | 34332.059 | 38579.895 | 24.764 | 26.234 |
| 29.127 | 1.017 | 14.706 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 118.521 | 19.235 | 270.147 | 34327.863 | 38575.117 | 24.761 | 26.231 |
| 29.131 | 1.017 | 14.705 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 118.518 | 19.236 | 270.139 | 34358.465 | 38609.285 | 24.785 | 26.254 |
| 29.105 | 1.017 | 14.708 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 118.519 | 19.235 | 270.141 | 34363.031 | 38614.996 | 24.789 | 26.258 |
| 29.101 | 1.017 | 14.703 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 118.526 | 19.236 | 270.158 | 34368.105 | 38619.977 | 24.793 | 26.262 |
| 29.097 | 1.017 | 14.704 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 118.526 | 19.236 | 270.158 | 34390.059 | 38644.867 | 24.810 | 26.279 |
| 29.078 | 1.017 | 14.706 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 118.530 | 19.236 | 270.167 | 34367.262 | 38618.879 | 24.792 | 26.261 |
| 29.097 | 1.017 | 14.705 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 118.527 | 19.236 | 270.160 | 34375.934 | 38628.996 | 24.799 | 26.268 |
| 29.090 | 1.017 | 14.699 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 118.526 | 19.235 | 270.158 | 34377.621 | 38631.031 | 24.800 | 26.269 |
| 29.089 | 1.017 | 14.700 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 118.533 | 19.236 | 270.173 | 34363.559 | 38615.090 | 24.789 | 26.258 |
| 29.101 | 1.017 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 118.546 | 19.235 | 270.202 | 34398.238 | 38654.559 | 24.817 | 26.285 |
| 29.071 | 1.017 | 14.692 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 118.554 | 19.236 | 270.221 | 34385.512 | 38639.828 | 24.807 | 26.275 |

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|---|---|---|---|---|---|---|---|---|
| 29.082 | 1.017 | 14.691 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 118.551 | 19.235 | 270.214 | 34367.184 | 38619.590 | 24.792 | 26.261 |
| 29.098 | 1.017 | 14.697 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 118.557 | 19.235 | 270.229 | 34406.645 | 38664.082 | 24.824 | 26.292 |
| 29.064 | 1.017 | 14.692 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 118.573 | 19.235 | 270.264 | 34406.125 | 38663.277 | 24.823 | 26.291 |
| 29.065 | 1.017 | 14.691 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 118.577 | 19.235 | 270.274 | 34397.613 | 38653.500 | 24.816 | 26.284 |
| 29.072 | 1.017 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 118.584 | 19.235 | 270.288 | 34389.695 | 38644.602 | 24.810 | 26.278 |
| 29.078 | 1.017 | 14.689 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 118.594 | 19.236 | 270.312 | 34401.586 | 38657.738 | 24.819 | 26.287 |
| 29.068 | 1.017 | 14.681 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 118.597 | 19.236 | 270.320 | 34371.188 | 38623.367 | 24.795 | 26.264 |
| 29.094 | 1.017 | 14.685 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 118.601 | 19.235 | 270.329 | 34369.430 | 38621.828 | 24.794 | 26.263 |
| 29.096 | 1.017 | 14.688 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 118.603 | 19.236 | 270.333 | 34393.551 | 38648.496 | 24.813 | 26.281 |
| 29.075 | 1.017 | 14.686 | | | | | | |

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: µS/cm

| Date | Time | ms | LEVEL | TEMPERATURE | CONDUCTIVITY |
|---|---|---|---|---|---|
| 1/5/2017 | 0:00:00 | 0 | 136.723 | 18.1 | 4421.1 |
| 1/5/2017 | 0:15:00 | 0 | 136.742 | 18.1 | 4455.3 |
| 1/5/2017 | 0:30:00 | 0 | 136.758 | 18.1 | 4487.1 |
| 1/5/2017 | 0:45:00 | 0 | 136.749 | 18.1 | 4447.3 |
| 1/5/2017 | 1:00:00 | 0 | 136.769 | 18.1 | 4424.5 |
| 1/5/2017 | 1:15:00 | 0 | 136.756 | 18.1 | 4428 |
| 1/5/2017 | 1:30:00 | 0 | 136.782 | 18.1 | 4424.5 |
| 1/5/2017 | 1:45:00 | 0 | 136.745 | 18.1 | 4534.9 |
| 1/5/2017 | 2:00:00 | 0 | 136.801 | 18.1 | 4380.2 |
| 1/5/2017 | 2:15:00 | 0 | 136.755 | 18.1 | 4362 |
| 1/5/2017 | 2:30:00 | 0 | 136.781 | 18.1 | 4368.8 |
| 1/5/2017 | 2:45:00 | 0 | 136.759 | 18.1 | 4331.2 |
| 1/5/2017 | 3:00:00 | 0 | 136.755 | 18.1 | 4256.1 |
| 1/5/2017 | 3:15:00 | 0 | 136.791 | 18.1 | 4266.4 |
| 1/5/2017 | 3:30:00 | 0 | 136.762 | 18.1 | 4183.3 |
| 1/5/2017 | 3:45:00 | 0 | 136.798 | 18.1 | 4179.9 |
| 1/5/2017 | 4:00:00 | 0 | 136.8 | 18.1 | 4119.6 |
| 1/5/2017 | 4:15:00 | 0 | 136.817 | 18.1 | 4099.1 |
| 1/5/2017 | 4:30:00 | 0 | 136.815 | 18.1 | 4029.7 |
| 1/5/2017 | 4:45:00 | 0 | 136.782 | 18.1 | 3983 |
| 1/5/2017 | 5:00:00 | 0 | 136.836 | 18.1 | 3945.4 |
| 1/5/2017 | 5:15:00 | 0 | 136.822 | 18.1 | 3884 |
| 1/5/2017 | 5:30:00 | 0 | 136.86 | 18.1 | 3854.4 |
| 1/5/2017 | 5:45:00 | 0 | 136.805 | 18.1 | 3840.8 |
| 1/5/2017 | 6:00:00 | 0 | 136.852 | 18.1 | 3780.4 |
| 1/5/2017 | 6:15:00 | 0 | 136.804 | 18.1 | 3736.1 |
| 1/5/2017 | 6:30:00 | 0 | 136.801 | 18.1 | 3662.1 |
| 1/5/2017 | 6:45:00 | 0 | 136.835 | 18.1 | 3646.2 |
| 1/5/2017 | 7:00:00 | 0 | 136.833 | 18.1 | 3592.7 |
| 1/5/2017 | 7:15:00 | 0 | 136.847 | 18.1 | 3598.4 |
| 1/5/2017 | 7:30:00 | 0 | 136.85 | 18.1 | 3610.9 |

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|---|---|---|---|---|---|
| 1/5/2017 | 7:45:00 | 0 | 136.851 | 18.1 | 3558.5 |
| 1/5/2017 | 8:00:00 | 0 | 136.847 | 18.1 | 3525.5 |
| 1/5/2017 | 8:15:00 | 0 | 136.814 | 18.1 | 3515.3 |
| 1/5/2017 | 8:30:00 | 0 | 136.845 | 18.1 | 3523.2 |
| 1/5/2017 | 8:45:00 | 0 | 136.85 | 18.1 | 3522.1 |
| 1/5/2017 | 9:00:00 | 0 | 136.824 | 18.1 | 3536.9 |
| 1/5/2017 | 9:15:00 | 0 | 136.841 | 18.1 | 3565.4 |
| 1/5/2017 | 9:30:00 | 0 | 136.833 | 18.1 | 3559.7 |
| 1/5/2017 | 9:45:00 | 0 | 136.83 | 18.1 | 3640.5 |
| 1/5/2017 | 10:00:00 | 0 | 136.845 | 18.1 | 3670.1 |
| 1/5/2017 | 10:15:00 | 0 | 136.85 | 18.1 | 3667.8 |
| 1/5/2017 | 10:30:00 | 0 | 136.813 | 18.1 | 3672.3 |
| 1/5/2017 | 10:45:00 | 0 | 136.831 | 18.1 | 3814.6 |
| 1/5/2017 | 11:00:00 | 0 | 136.808 | 18.1 | 3795.2 |
| 1/5/2017 | 11:15:00 | 0 | 136.813 | 18.1 | 3804.3 |
| 1/5/2017 | 11:30:00 | 0 | 136.839 | 18.1 | 4039.9 |
| 1/5/2017 | 11:45:00 | 0 | 136.79 | 18.1 | 4006.9 |
| 1/5/2017 | 12:00:00 | 0 | 136.847 | 18.1 | 4071.8 |
| 1/5/2017 | 12:15:00 | 0 | 136.794 | 18.1 | 4166.2 |
| 1/5/2017 | 12:30:00 | 0 | 136.835 | 18.1 | 4142.3 |
| 1/5/2017 | 12:45:00 | 0 | 136.796 | 18.1 | 4140 |
| 1/5/2017 | 13:00:00 | 0 | 136.823 | 18.1 | 4228.8 |
| 1/5/2017 | 13:15:00 | 0 | 136.844 | 18.1 | 4171.9 |
| 1/5/2017 | 13:30:00 | 0 | 136.811 | 18.1 | 4181 |
| 1/5/2017 | 13:45:00 | 0 | 136.826 | 18.1 | 4214 |
| 1/5/2017 | 14:00:00 | 0 | 136.84 | 18.1 | 4153.7 |
| 1/5/2017 | 14:15:00 | 0 | 136.82 | 18.1 | 4202.6 |
| 1/5/2017 | 14:30:00 | 0 | 136.805 | 18.1 | 4301.6 |
| 1/5/2017 | 14:45:00 | 0 | 136.822 | 18.1 | 4210.6 |
| 1/5/2017 | 15:00:00 | 0 | 136.806 | 18.1 | 4182.1 |
| 1/5/2017 | 15:15:00 | 0 | 136.85 | 18.1 | 4185.6 |
| 1/5/2017 | 15:30:00 | 0 | 136.823 | 18.1 | 4277.7 |
| 1/5/2017 | 15:45:00 | 0 | 136.846 | 18.1 | 4267.5 |
| 1/5/2017 | 16:00:00 | 0 | 136.803 | 18.1 | 4202.6 |
| 1/5/2017 | 16:15:00 | 0 | 136.819 | 18.1 | 4338.1 |
| 1/5/2017 | 16:30:00 | 0 | 136.805 | 18.1 | 4203.8 |
| 1/5/2017 | 16:45:00 | 0 | 136.817 | 18.1 | 4193.5 |
| 1/5/2017 | 17:00:00 | 0 | 136.835 | 18.1 | 4166.2 |
| 1/5/2017 | 17:15:00 | 0 | 136.81 | 18.1 | 4146.9 |
| 1/5/2017 | 17:30:00 | 0 | 136.791 | 18.1 | 4151.4 |
| 1/5/2017 | 17:45:00 | 0 | 136.82 | 18.1 | 4153.7 |
| 1/5/2017 | 18:00:00 | 0 | 136.742 | 18.1 | 4154.8 |
| 1/5/2017 | 18:15:00 | 0 | 136.801 | 18.1 | 4135.5 |
| 1/5/2017 | 18:30:00 | 0 | 136.817 | 18.1 | 4123 |
| 1/5/2017 | 18:45:00 | 0 | 136.753 | 18.1 | 4047.9 |
| 1/5/2017 | 19:00:00 | 0 | 136.797 | 18.1 | 4298.2 |
| 1/5/2017 | 19:15:00 | 0 | 136.797 | 18.1 | 4157.1 |

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|---|---|---|---|---|---|
| 1/5/2017 | 19:30:00 | 0 | 136.775 | 18.1 | 4090 |
| 1/5/2017 | 19:45:00 | 0 | 136.815 | 18.1 | 4149.1 |
| 1/5/2017 | 20:00:00 | 0 | 136.815 | 18.1 | 4141.2 |
| 1/5/2017 | 20:15:00 | 0 | 136.832 | 18.1 | 4193.5 |
| 1/5/2017 | 20:30:00 | 0 | 136.815 | 18.1 | 4159.4 |
| 1/5/2017 | 20:45:00 | 0 | 136.814 | 18.1 | 4258.4 |
| 1/5/2017 | 21:00:00 | 0 | 136.81 | 18.1 | 4220.8 |
| 1/5/2017 | 21:15:00 | 0 | 136.766 | 18.1 | 4274.3 |
| 1/5/2017 | 21:30:00 | 0 | 136.759 | 18.1 | 4367.6 |
| 1/5/2017 | 21:45:00 | 0 | 136.775 | 18.1 | 4302.8 |
| 1/5/2017 | 22:00:00 | 0 | 136.757 | 18.1 | 4432.5 |
| 1/5/2017 | 22:15:00 | 0 | 136.771 | 18.1 | 4404.1 |
| 1/5/2017 | 22:30:00 | 0 | 136.77 | 18.1 | 4517.9 |
| 1/5/2017 | 22:45:00 | 0 | 136.757 | 18.1 | 4459.8 |
| 1/5/2017 | 23:00:00 | 0 | 136.818 | 18.1 | 4396.1 |
| 1/5/2017 | 23:15:00 | 0 | 136.759 | 18.1 | 4482.6 |
| 1/5/2017 | 23:30:00 | 0 | 136.739 | 18.1 | 4712.5 |
| 1/5/2017 | 23:45:00 | 0 | 136.793 | 18.2 | 4606.5 |
| 1/6/2017 | 0:00:00 | 0 | 136.752 | 18.1 | 4637.4 |
| 1/6/2017 | 0:15:00 | 0 | 136.77 | 18.1 | 4603.2 |
| 1/6/2017 | 0:30:00 | 0 | 136.779 | 18.1 | 4588.4 |
| 1/6/2017 | 0:45:00 | 0 | 136.781 | 18.1 | 4692 |
| 1/6/2017 | 1:00:00 | 0 | 136.762 | 18.1 | 4590.7 |
| 1/6/2017 | 1:15:00 | 0 | 136.8 | 18.1 | 4769.4 |
| 1/6/2017 | 1:30:00 | 0 | 136.765 | 18.1 | 4706.8 |
| 1/6/2017 | 1:45:00 | 0 | 136.78 | 18.2 | 4629.2 |
| 1/6/2017 | 2:00:00 | 0 | 136.762 | 18.1 | 4660.1 |
| 1/6/2017 | 2:15:00 | 0 | 136.836 | 18.2 | 4684.9 |
| 1/6/2017 | 2:30:00 | 0 | 136.765 | 18.1 | 4614.6 |
| 1/6/2017 | 2:45:00 | 0 | 136.79 | 18.2 | 4502 |
| 1/6/2017 | 3:00:00 | 0 | 136.778 | 18.2 | 4626.9 |
| 1/6/2017 | 3:15:00 | 0 | 136.805 | 18.2 | 4473.6 |
| 1/6/2017 | 3:30:00 | 0 | 136.823 | 18.1 | 4565.7 |
| 1/6/2017 | 3:45:00 | 0 | 136.823 | 18.1 | 4497.4 |
| 1/6/2017 | 4:00:00 | 0 | 136.808 | 18.1 | 4445 |
| 1/6/2017 | 4:15:00 | 0 | 136.793 | 18.1 | 4432.5 |
| 1/6/2017 | 4:30:00 | 0 | 136.854 | 18.1 | 4396.1 |
| 1/6/2017 | 4:45:00 | 0 | 136.857 | 18.2 | 4290.7 |
| 1/6/2017 | 5:00:00 | 0 | 136.838 | 18.1 | 4298.2 |
| 1/6/2017 | 5:15:00 | 0 | 136.807 | 18.1 | 4224.3 |
| 1/6/2017 | 5:30:00 | 0 | 136.845 | 18.1 | 4264.1 |
| 1/6/2017 | 5:45:00 | 0 | 136.85 | 18.1 | 4082 |
| 1/6/2017 | 6:00:00 | 0 | 136.855 | 18.1 | 4132.1 |
| 1/6/2017 | 6:15:00 | 0 | 136.888 | 18.1 | 4021.7 |
| 1/6/2017 | 6:30:00 | 0 | 136.888 | 18.1 | 4002.3 |
| 1/6/2017 | 6:45:00 | 0 | 136.869 | 18.1 | 4016 |
| 1/6/2017 | 7:00:00 | 0 | 136.856 | 18.1 | 3915.9 |

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|---|---|---|---|---|---|
| 1/6/2017 | 7:15:00 | 0 | 136.876 | 18.1 | 3840.8 |
| 1/6/2017 | 7:30:00 | 0 | 136.887 | 18.1 | 3828.2 |
| 1/6/2017 | 7:45:00 | 0 | 136.883 | 18.1 | 3671.2 |
| 1/6/2017 | 8:00:00 | 0 | 136.892 | 18.1 | 3854.4 |
| 1/6/2017 | 8:15:00 | 0 | 136.848 | 18.1 | 3695.1 |
| 1/6/2017 | 8:30:00 | 0 | 136.86 | 18.1 | 3816.9 |
| 1/6/2017 | 8:45:00 | 0 | 136.85 | 18.1 | 3659.8 |
| 1/6/2017 | 9:00:00 | 0 | 136.865 | 18.1 | 3706.5 |
| 1/6/2017 | 9:15:00 | 0 | 136.881 | 18.1 | 3709.9 |
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| 1/11/2017 | 23:00:00 | 0 | 137.177 | 18.2 | 5087 |
| 1/11/2017 | 23:15:00 | 0 | 137.175 | 18.2 | 4953 |
| 1/11/2017 | 23:30:00 | 0 | 137.16 | 18.2 | 4968.9 |
| 1/11/2017 | 23:45:00 | 0 | 137.187 | 18.2 | 4780.3 |

Report Date: 1/16/2017 8:33:09 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-7S LT Test_2017-01-12_15-33-15-482-BaroMerge.wsl
Create Date: 1/16/2017 8:29:56 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-7S
Device Name:
Serial Number: 427086
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 0

Log Configuration
Log Name: MPWSP MW-7S LT Test
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 11/28/2015 4:09:42 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 11/28/2015 5:00:00 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: 1.012

Other Log Settings
Depth of Probe: 33.5876 (ft)
Head Pressure: 14.7359 (PSI)
Temperature: 22.1337 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

| Date and Time | Note |
|---|---|
| 11/28/2015 4:09:52 PM | Used Battery: 0% Used Memory: 1% User Name: CShaw |
| 11/28/2015 4:10:40 PM | Sensor SN: 427086 Cache Timeout: 1000 User Name: CShaw |
| 11/28/2015 4:11:47 PM | Device Taken Offline |
| 11/28/2015 4:13:26 PM | Conductivity calibration.<br>Sensor SN: 427086<br>Cell Constant: 1.01973 Cell Offset: 0<br>Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw |
| 11/28/2015 4:14:17 PM | Device Put Online |
| 11/28/2015 4:14:18 PM | Sensor SN: 427086 Cache Timeout: 1750 User Name: CShaw |
| 11/29/2015 12:55:05 PM | Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw |
| 12/3/2015 8:40:32 AM | Log Download - Used Battery: 0% Used Memory: 1% User Name: KMakar |
| 12/10/2015 10:54:49 AM | Log Download - Used Battery: 0% Used Memory: 3% User Name: CShaw Interval - Start Time: 11/28/2015 5:00:00 PM Stop Time: 12/10/2015 11:30:00 AM |
| 12/17/2015 10:22:31 AM | Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:15:00 AM |
| 1/3/2016 11:08:12 AM | Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:00:00 AM |
| 1/7/2016 9:38:18 AM | Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:30:00 AM |
| 1/14/2016 11:36:01 AM | Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 11:30:00 AM |
| 1/21/2016 9:52:24 AM | Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:45:00 AM |
| 1/28/2016 10:10:00 AM | Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 10:00:00 AM |
| 2/4/2016 10:56:04 AM | Log Download - Used Battery: 3% Used Memory: 9% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 PM Stop Time: 2/4/2016 11:45:00 AM |
| 2/11/2016 8:06:16 AM | Log Download - Used Battery: 4% Used Memory: 9% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:00:00 AM |
| 2/18/2016 10:45:03 AM | Log Download - Used Battery: 4% Used Memory: 10% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:00:00 AM |
| 2/25/2016 10:12:00 AM | Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:00:00 AM |
| 3/3/2016 11:53:38 AM | Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM |
| 3/10/2016 7:44:16 AM | Log Download - Used Battery: 5% Used Memory: 12% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 7:45:00 AM |
| 3/17/2016 2:24:53 PM | Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 3:15:00 PM |
| 3/24/2016 9:41:10 AM | Log Download - Used Battery: 6% Used Memory: 14% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM |
| 3/31/2016 12:03:59 PM | Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:00:00 PM |
| 4/7/2016 10:57:09 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM |
| 4/14/2016 9:09:55 AM | Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:45:00 AM |
| 4/21/2016 9:05:20 AM | Log Download - Used Battery: 7% Used Memory: 18% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 9:30:00 AM |
| 4/28/2016 10:19:22 AM | Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM |
| 5/5/2016 8:15:57 AM | Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:05:00 AM |
| 5/12/2016 9:13:18 AM | Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM |
| 5/19/2016 12:16:23 PM | Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:15:00 PM |
| 5/26/2016 8:37:42 AM | Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:30:00 AM |
| 6/2/2016 10:47:40 AM | Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:30:00 AM |
| 6/9/2016 8:35:24 AM | Log Download - Used Battery: 10% Used Memory: 23% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM |
| 6/16/2016 10:23:58 AM | Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM |
| 6/23/2016 9:06:49 AM | Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM |
| 7/1/2016 10:55:42 AM | Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:45:00 AM |
| 7/8/2016 11:18:07 AM | Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 12:00:00 PM |
| 7/14/2016 3:47:33 PM | Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 4:45:00 PM |
| 7/21/2016 4:46:41 PM | Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 5:30:00 PM |
| 7/28/2016 5:35:19 PM | Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:30:00 PM |
| 8/4/2016 8:45:40 AM | Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 8:45:00 AM |
| 8/11/2016 11:27:05 AM | Log Download - Used Battery: 13% Used Memory: 31% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:15:00 PM |
| 8/18/2016 2:52:48 PM | Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:45:00 PM |
| 8/25/2016 1:03:44 PM | Log Download - Used Battery: 14% Used Memory: 32% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM |
| 9/1/2016 10:04:43 AM | Log Download - Used Battery: 14% Used Memory: 32% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 10:45:00 AM |
| 9/8/2016 5:49:23 PM | Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM |
| 9/15/2016 1:15:00 PM | Log Download - Used Battery: 15% Used Memory: 34% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 2:00:00 PM |
| 9/22/2016 11:02:04 AM | Log Download - Used Battery: 15% Used Memory: 35% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 12:00:00 PM |
| 10/1/2016 9:35:42 AM | Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:30:00 AM |
| 10/7/2016 4:29:40 PM | Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:15:00 PM |
| 10/7/2016 4:30:09 PM | Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:30:00 PM |
| 10/13/2016 3:44:56 PM | Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:30:00 PM |
| 10/20/2016 3:35:05 PM | Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:00:00 PM |
| 10/27/2016 3:10:37 PM | Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:00:00 PM |
| 11/3/2016 2:59:25 PM | Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:45:00 PM |
| 11/10/2016 4:15:44 PM | Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 5:00:00 PM |
| 11/17/2016 1:58:52 PM | Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM |
| 11/24/2016 11:29:41 AM | Log Download - Used Battery: 18% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:15:00 PM |
| 12/1/2016 4:20:25 PM | Log Download - Used Battery: 19% Used Memory: 43% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 4:15:00 PM |
| 12/9/2016 10:49:35 AM | Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 11:30:00 AM |
| 12/15/2016 12:10:14 PM | Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 12:45:00 PM |
| 12/22/2016 10:31:15 AM | Log Download - Used Battery: 20% Used Memory: 46% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 11:30:00 AM |
| 1/5/2017 11:47:43 AM | Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 11:45:00 AM |
| 1/12/2017 3:29:47 PM | Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:15:00 PM |
| 1/16/2017 8:29:56 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

Log Data:
Record Count: 741
Sensors: 2
1 - 427086: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| Date and Time | Elapsed Time Seconds | Corrected Pressure (PSI) | Temperature (C) | Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Total Dissolved Solids (ppt) | Salinity (PSU) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 12.368 | 17.662 | 28.190 | 1834.995 | 2134.090 | 1.451 | 1.102 | 544.961 | 1.000 | 14.703 |
| 1/5/2017 12:15:00 AM | 8100.000 | 12.363 | 17.662 | 28.180 | 1837.914 | 2137.485 | 1.453 | 1.104 | 544.095 | 1.000 | 14.710 |
| 1/5/2017 12:30:00 AM | 9000.000 | 12.360 | 17.661 | 28.173 | 1839.158 | 2138.983 | 1.455 | 1.104 | 543.727 | 1.000 | 14.713 |
| 1/5/2017 12:45:00 AM | 9900.000 | 12.356 | 17.661 | 28.164 | 1839.831 | 2139.760 | 1.455 | 1.105 | 543.528 | 1.000 | 14.717 |
| 1/5/2017 1:00:00 AM | 10800.000 | 12.357 | 17.661 | 28.166 | 1839.568 | 2139.488 | 1.455 | 1.105 | 543.606 | 1.000 | 14.716 |
| 1/5/2017 1:15:00 AM | 11700.000 | 12.362 | 17.660 | 28.176 | 1836.518 | 2135.945 | 1.452 | 1.103 | 544.509 | 1.000 | 14.714 |
| 1/5/2017 1:30:00 AM | 12600.000 | 12.360 | 17.661 | 28.173 | 1838.002 | 2137.645 | 1.454 | 1.104 | 544.069 | 1.000 | 14.717 |
| 1/5/2017 1:45:00 AM | 13500.000 | 12.358 | 17.660 | 28.169 | 1837.019 | 2136.532 | 1.453 | 1.103 | 544.360 | 1.000 | 14.720 |
| 1/5/2017 2:00:00 AM | 14400.000 | 12.358 | 17.660 | 28.167 | 1837.680 | 2137.309 | 1.453 | 1.103 | 544.164 | 1.000 | 14.723 |
| 1/5/2017 2:15:00 AM | 15300.000 | 12.363 | 17.660 | 28.180 | 1837.468 | 2137.092 | 1.453 | 1.103 | 544.227 | 1.000 | 14.718 |
| 1/5/2017 2:30:00 AM | 16200.000 | 12.363 | 17.661 | 28.179 | 1837.167 | 2136.658 | 1.453 | 1.103 | 544.316 | 1.000 | 14.718 |
| 1/5/2017 2:45:00 AM | 17100.000 | 12.360 | 17.661 | 28.172 | 1837.596 | 2137.166 | 1.453 | 1.103 | 544.189 | 1.000 | 14.721 |
| 1/5/2017 3:00:00 AM | 18000.000 | 12.359 | 17.662 | 28.171 | 1838.384 | 2138.052 | 1.454 | 1.104 | 543.956 | 1.000 | 14.724 |
| 1/5/2017 3:15:00 AM | 18900.000 | 12.368 | 17.661 | 28.190 | 1837.490 | 2137.067 | 1.453 | 1.103 | 544.221 | 1.000 | 14.718 |
| 1/5/2017 3:30:00 AM | 19800.000 | 12.364 | 17.660 | 28.181 | 1838.010 | 2137.725 | 1.454 | 1.104 | 544.067 | 1.000 | 14.721 |
| 1/5/2017 3:45:00 AM | 20700.000 | 12.364 | 17.661 | 28.181 | 1837.363 | 2136.898 | 1.453 | 1.103 | 544.258 | 1.000 | 14.722 |
| 1/5/2017 4:00:00 AM | 21600.000 | 12.367 | 17.662 | 28.188 | 1838.224 | 2137.879 | 1.454 | 1.104 | 544.003 | 1.000 | 14.720 |
| 1/5/2017 4:15:00 AM | 22500.000 | 12.370 | 17.661 | 28.194 | 1838.694 | 2138.446 | 1.454 | 1.104 | 543.864 | 1.000 | 14.717 |
| 1/5/2017 4:30:00 AM | 23400.000 | 12.362 | 17.661 | 28.178 | 1837.873 | 2137.500 | 1.454 | 1.104 | 544.107 | 1.000 | 14.725 |
| 1/5/2017 4:45:00 AM | 24300.000 | 12.367 | 17.661 | 28.189 | 1837.751 | 2137.363 | 1.453 | 1.103 | 544.143 | 1.000 | 14.722 |
| 1/5/2017 5:00:00 AM | 25200.000 | 12.381 | 17.661 | 28.220 | 1834.672 | 2133.765 | 1.451 | 1.102 | 545.057 | 1.000 | 14.707 |
| 1/5/2017 5:15:00 AM | 26100.000 | 12.367 | 17.659 | 28.188 | 1832.435 | 2131.250 | 1.449 | 1.100 | 545.722 | 1.000 | 14.722 |
| 1/5/2017 5:30:00 AM | 27000.000 | 12.369 | 17.659 | 28.193 | 1835.310 | 2134.590 | 1.452 | 1.102 | 544.867 | 1.000 | 14.718 |
| 1/5/2017 5:45:00 AM | 27900.000 | 12.366 | 17.660 | 28.186 | 1835.081 | 2134.274 | 1.451 | 1.102 | 544.935 | 1.000 | 14.722 |
| 1/5/2017 6:00:00 AM | 28800.000 | 12.369 | 17.659 | 28.193 | 1835.041 | 2134.281 | 1.451 | 1.102 | 544.947 | 1.000 | 14.720 |
| 1/5/2017 6:15:00 AM | 29700.000 | 12.361 | 17.661 | 28.175 | 1834.862 | 2133.986 | 1.451 | 1.102 | 545.000 | 1.000 | 14.728 |
| 1/5/2017 6:30:00 AM | 30600.000 | 12.368 | 17.660 | 28.189 | 1835.868 | 2135.226 | 1.452 | 1.102 | 544.702 | 1.000 | 14.723 |
| 1/5/2017 6:45:00 AM | 31500.000 | 12.358 | 17.662 | 28.169 | 1834.015 | 2132.967 | 1.450 | 1.101 | 545.252 | 1.000 | 14.733 |
| 1/5/2017 7:00:00 AM | 32400.000 | 12.355 | 17.660 | 28.160 | 1834.132 | 2133.203 | 1.451 | 1.101 | 545.217 | 1.000 | 14.736 |
| 1/5/2017 7:15:00 AM | 33300.000 | 12.358 | 17.660 | 28.168 | 1834.592 | 2133.705 | 1.451 | 1.101 | 545.080 | 1.000 | 14.735 |
| 1/5/2017 7:30:00 AM | 34200.000 | 12.364 | 17.661 | 28.182 | 1836.412 | 2135.813 | 1.452 | 1.103 | 544.540 | 1.000 | 14.730 |
| 1/5/2017 7:45:00 AM | 35100.000 | 12.365 | 17.663 | 28.183 | 1838.048 | 2137.625 | 1.454 | 1.104 | 544.056 | 1.000 | 14.731 |
| 1/5/2017 8:00:00 AM | 36000.000 | 12.360 | 17.660 | 28.171 | 1837.121 | 2136.646 | 1.453 | 1.103 | 544.330 | 1.000 | 14.737 |
| 1/5/2017 8:15:00 AM | 36900.000 | 12.358 | 17.661 | 28.168 | 1834.126 | 2133.147 | 1.451 | 1.101 | 545.219 | 1.000 | 14.739 |
| 1/5/2017 8:30:00 AM | 37800.000 | 12.354 | 17.661 | 28.158 | 1835.326 | 2134.551 | 1.451 | 1.102 | 544.862 | 1.000 | 14.745 |
| 1/5/2017 8:45:00 AM | 38700.000 | 12.352 | 17.661 | 28.153 | 1836.721 | 2136.168 | 1.453 | 1.103 | 544.448 | 1.000 | 14.750 |
| 1/5/2017 9:00:00 AM | 39600.000 | 12.354 | 17.661 | 28.158 | 1836.905 | 2136.375 | 1.453 | 1.103 | 544.394 | 1.000 | 14.747 |
| 1/5/2017 9:15:00 AM | 40500.000 | 12.345 | 17.660 | 28.139 | 1836.992 | 2136.514 | 1.453 | 1.103 | 544.368 | 1.000 | 14.760 |
| 1/5/2017 9:30:00 AM | 41400.000 | 12.358 | 17.660 | 28.168 | 1836.782 | 2136.260 | 1.453 | 1.103 | 544.430 | 1.000 | 14.750 |
| 1/5/2017 9:45:00 AM | 42300.000 | 12.349 | 17.659 | 28.148 | 1835.271 | 2134.561 | 1.452 | 1.102 | 544.879 | 1.000 | 14.758 |
| 1/5/2017 10:00:00 AM | 43200.000 | 12.354 | 17.660 | 28.158 | 1835.120 | 2134.361 | 1.451 | 1.102 | 544.924 | 1.000 | 14.757 |
| 1/5/2017 10:15:00 AM | 44100.000 | 12.354 | 17.661 | 28.159 | 1835.665 | 2134.940 | 1.452 | 1.102 | 544.762 | 1.000 | 14.757 |
| 1/5/2017 10:30:00 AM | 45000.000 | 12.356 | 17.661 | 28.162 | 1836.217 | 2135.579 | 1.452 | 1.103 | 544.598 | 1.000 | 14.758 |
| 1/5/2017 10:45:00 AM | 45900.000 | 12.355 | 17.660 | 28.162 | 1836.013 | 2135.367 | 1.452 | 1.102 | 544.658 | 1.000 | 14.758 |
| 1/5/2017 11:00:00 AM | 46800.000 | 12.370 | 17.662 | 28.195 | 1835.379 | 2134.537 | 1.451 | 1.102 | 544.847 | 1.000 | 14.746 |
| 1/5/2017 11:15:00 AM | 47700.000 | 12.365 | 17.661 | 28.183 | 1835.631 | 2134.880 | 1.452 | 1.102 | 544.772 | 1.000 | 14.751 |
| 1/5/2017 11:30:00 AM | 48600.000 | 12.360 | 17.661 | 28.171 | 1832.403 | 2131.155 | 1.449 | 1.100 | 545.731 | 1.000 | 14.757 |
| 1/5/2017 11:45:00 AM | 49500.000 | 12.369 | 17.660 | 28.193 | 1833.725 | 2132.697 | 1.450 | 1.101 | 545.338 | 1.000 | 14.750 |
| 1/5/2017 12:00:00 PM | 50400.000 | 12.375 | 17.660 | 28.205 | 1834.161 | 2133.216 | 1.451 | 1.101 | 545.208 | 1.000 | 14.745 |
| 1/5/2017 12:15:00 PM | 51300.000 | 12.365 | 17.661 | 28.184 | 1836.988 | 2136.471 | 1.453 | 1.103 | 544.369 | 1.000 | 14.749 |
| 1/5/2017 12:30:00 PM | 52200.000 | 12.368 | 17.662 | 28.189 | 1837.562 | 2137.096 | 1.453 | 1.103 | 544.199 | 1.000 | 14.748 |
| 1/5/2017 12:45:00 PM | 53100.000 | 12.373 | 17.660 | 28.203 | 1838.108 | 2137.794 | 1.454 | 1.104 | 544.038 | 1.000 | 14.742 |
| 1/5/2017 1:00:00 PM | 54000.000 | 12.371 | 17.662 | 28.198 | 1837.820 | 2137.396 | 1.453 | 1.103 | 544.123 | 1.000 | 14.742 |
| 1/5/2017 1:15:00 PM | 54900.000 | 12.377 | 17.661 | 28.211 | 1837.791 | 2137.405 | 1.453 | 1.103 | 544.131 | 1.000 | 14.736 |
| 1/5/2017 1:30:00 PM | 55800.000 | 12.376 | 17.662 | 28.208 | 1836.955 | 2136.403 | 1.453 | 1.103 | 544.379 | 1.000 | 14.736 |
| 1/5/2017 1:45:00 PM | 56700.000 | 12.373 | 17.661 | 28.201 | 1837.334 | 2136.861 | 1.453 | 1.103 | 544.267 | 1.000 | 14.740 |
| 1/5/2017 2:00:00 PM | 57600.000 | 12.369 | 17.662 | 28.192 | 1837.083 | 2136.510 | 1.453 | 1.103 | 544.341 | 1.000 | 14.744 |
| 1/5/2017 2:15:00 PM | 58500.000 | 12.369 | 17.661 | 28.194 | 1837.344 | 2136.864 | 1.453 | 1.103 | 544.264 | 1.000 | 14.741 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 2:30:00 PM | 59400.000 | 12.372 | 17.661 | 28.199 | 1837.614 | 2137.203 | 1.453 | 1.103 |
| 544.184 | 1.000 | 14.739 | | | | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 12.372 | 17.660 | 28.201 | 1836.613 | 2136.076 | 1.453 | 1.103 |
| 544.481 | 1.000 | 14.738 | | | | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 12.369 | 17.660 | 28.193 | 1836.241 | 2135.635 | 1.452 | 1.103 |
| 544.591 | 1.000 | 14.741 | | | | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 12.370 | 17.661 | 28.196 | 1835.643 | 2134.923 | 1.452 | 1.102 |
| 544.768 | 1.000 | 14.740 | | | | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 12.372 | 17.661 | 28.199 | 1835.376 | 2134.579 | 1.452 | 1.102 |
| 544.848 | 1.000 | 14.739 | | | | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 12.371 | 17.661 | 28.196 | 1834.968 | 2134.121 | 1.451 | 1.102 |
| 544.969 | 1.000 | 14.740 | | | | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 12.369 | 17.661 | 28.193 | 1834.881 | 2134.009 | 1.451 | 1.102 |
| 544.994 | 1.000 | 14.741 | | | | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 12.366 | 17.662 | 28.185 | 1837.412 | 2136.914 | 1.453 | 1.103 |
| 544.244 | 1.000 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 12.366 | 17.661 | 28.186 | 1839.540 | 2139.419 | 1.455 | 1.105 |
| 543.614 | 1.000 | 14.745 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 12.361 | 17.661 | 28.176 | 1839.985 | 2139.940 | 1.455 | 1.105 |
| 543.483 | 1.000 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 12.364 | 17.660 | 28.181 | 1838.457 | 2138.218 | 1.454 | 1.104 |
| 543.934 | 1.000 | 14.749 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 12.367 | 17.660 | 28.187 | 1837.131 | 2136.662 | 1.453 | 1.103 |
| 544.327 | 1.000 | 14.751 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 12.361 | 17.661 | 28.174 | 1836.638 | 2136.039 | 1.453 | 1.103 |
| 544.473 | 1.000 | 14.753 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 12.362 | 17.661 | 28.177 | 1836.667 | 2136.080 | 1.453 | 1.103 |
| 544.465 | 1.000 | 14.751 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 12.370 | 17.661 | 28.195 | 1835.701 | 2134.957 | 1.452 | 1.102 |
| 544.751 | 1.000 | 14.745 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 12.360 | 17.662 | 28.173 | 1836.384 | 2135.722 | 1.452 | 1.103 |
| 544.549 | 1.000 | 14.755 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 12.367 | 17.661 | 28.189 | 1838.649 | 2138.398 | 1.454 | 1.104 |
| 543.878 | 1.000 | 14.748 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 12.357 | 17.661 | 28.165 | 1839.083 | 2138.912 | 1.454 | 1.104 |
| 543.749 | 1.000 | 14.761 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 12.360 | 17.661 | 28.173 | 1840.657 | 2140.726 | 1.456 | 1.105 |
| 543.284 | 1.000 | 14.759 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 12.362 | 17.663 | 28.177 | 1840.780 | 2140.802 | 1.456 | 1.105 |
| 543.248 | 1.000 | 14.757 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 12.359 | 17.662 | 28.170 | 1841.736 | 2141.942 | 1.457 | 1.106 |
| 542.966 | 1.000 | 14.760 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 12.363 | 17.662 | 28.180 | 1841.159 | 2141.276 | 1.456 | 1.106 |
| 543.136 | 1.000 | 14.756 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 12.364 | 17.661 | 28.182 | 1840.856 | 2140.982 | 1.456 | 1.105 |
| 543.225 | 1.000 | 14.758 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 12.360 | 17.660 | 28.173 | 1840.474 | 2140.554 | 1.456 | 1.105 |
| 543.338 | 1.000 | 14.763 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 12.363 | 17.661 | 28.179 | 1840.199 | 2140.185 | 1.455 | 1.105 |
| 543.419 | 1.000 | 14.759 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 12.361 | 17.661 | 28.174 | 1839.945 | 2139.901 | 1.455 | 1.105 |
| 543.495 | 1.000 | 14.763 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 12.356 | 17.661 | 28.164 | 1839.539 | 2139.442 | 1.455 | 1.105 |
| 543.614 | 1.000 | 14.769 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 12.358 | 17.660 | 28.168 | 1838.365 | 2138.114 | 1.454 | 1.104 |
| 543.961 | 1.000 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 12.359 | 17.660 | 28.170 | 1836.832 | 2136.310 | 1.453 | 1.103 |
| 544.416 | 1.000 | 14.767 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 12.351 | 17.660 | 28.153 | 1836.280 | 2135.685 | 1.452 | 1.103 |
| 544.579 | 1.000 | 14.778 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 12.355 | 17.660 | 28.162 | 1834.158 | 2133.209 | 1.451 | 1.101 |
| 545.209 | 1.000 | 14.773 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 12.355 | 17.660 | 28.161 | 1834.490 | 2133.612 | 1.451 | 1.101 |
| 545.111 | 1.000 | 14.775 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 12.364 | 17.660 | 28.181 | 1834.677 | 2133.821 | 1.451 | 1.102 |
| 545.055 | 1.000 | 14.768 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 12.369 | 17.661 | 28.193 | 1834.613 | 2133.692 | 1.451 | 1.101 |
| 545.074 | 1.000 | 14.764 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 12.360 | 17.661 | 28.172 | 1834.622 | 2133.710 | 1.451 | 1.101 |
| 545.072 | 1.000 | 14.773 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 12.369 | 17.661 | 28.194 | 1835.213 | 2134.415 | 1.451 | 1.102 |
| 544.896 | 1.000 | 14.764 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 12.366 | 17.660 | 28.186 | 1835.959 | 2135.299 | 1.452 | 1.102 |
| 544.674 | 1.000 | 14.770 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 12.365 | 17.661 | 28.183 | 1836.462 | 2135.867 | 1.452 | 1.103 |
| 544.525 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 12.365 | 17.660 | 28.183 | 1836.002 | 2135.344 | 1.452 | 1.102 |
| 544.662 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 12.367 | 17.661 | 28.188 | 1836.351 | 2135.713 | 1.452 | 1.103 |
| 544.558 | 1.000 | 14.770 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 12.366 | 17.661 | 28.185 | 1834.971 | 2134.129 | 1.451 | 1.102 |
| 544.968 | 1.000 | 14.772 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 12.370 | 17.659 | 28.195 | 1834.628 | 2133.804 | 1.451 | 1.102 |
| 545.070 | 1.000 | 14.768 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 12.368 | 17.662 | 28.190 | 1836.180 | 2135.485 | 1.452 | 1.102 |
| 544.609 | 1.000 | 14.772 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 12.368 | 17.662 | 28.189 | 1839.299 | 2139.096 | 1.455 | 1.104 |
| 543.685 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 12.366 | 17.661 | 28.187 | 1841.662 | 2141.894 | 1.456 | 1.106 |
| 542.988 | 1.000 | 14.772 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 12.368 | 17.661 | 28.190 | 1841.334 | 2141.534 | 1.456 | 1.106 |
| 543.084 | 1.000 | 14.770 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 12.373 | 17.661 | 28.202 | 1840.095 | 2140.064 | 1.455 | 1.105 |
| 543.450 | 1.000 | 14.765 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 12.368 | 17.662 | 28.189 | 1840.493 | 2140.510 | 1.456 | 1.105 |
| 543.333 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 12.379 | 17.661 | 28.216 | 1840.079 | 2140.053 | 1.455 | 1.105 |
| 543.455 | 1.000 | 14.765 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 12.363 | 17.661 | 28.180 | 1839.654 | 2139.571 | 1.455 | 1.105 |
| 543.581 | 1.000 | 14.776 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 12.371 | 17.661 | 28.198 | 1840.190 | 2140.174 | 1.455 | 1.105 |
| 543.422 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 12.373 | 17.660 | 28.202 | 1839.754 | 2139.720 | 1.455 | 1.105 |
| 543.551 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 12.372 | 17.661 | 28.199 | 1838.933 | 2138.713 | 1.454 | 1.104 |
| 543.794 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 12.366 | 17.662 | 28.187 | 1839.449 | 2139.299 | 1.455 | 1.105 |
| 543.641 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 12.371 | 17.659 | 28.196 | 1837.737 | 2137.414 | 1.453 | 1.103 |
| 544.147 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 12.378 | 17.661 | 28.213 | 1838.428 | 2138.142 | 1.454 | 1.104 |
| 543.943 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 12.376 | 17.661 | 28.208 | 1838.126 | 2137.782 | 1.454 | 1.104 |
| 544.032 | 1.000 | 14.765 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 12.376 | 17.661 | 28.210 | 1837.787 | 2137.380 | 1.453 | 1.103 |
| 544.133 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 12.382 | 17.661 | 28.222 | 1837.009 | 2136.475 | 1.453 | 1.103 |
| 544.363 | 1.000 | 14.759 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 12.372 | 17.661 | 28.199 | 1839.106 | 2138.930 | 1.454 | 1.104 |
| 543.742 | 1.000 | 14.768 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 12.370 | 17.662 | 28.195 | 1838.772 | 2138.492 | 1.454 | 1.104 |
| 543.841 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 12.370 | 17.660 | 28.195 | 1838.342 | 2138.066 | 1.454 | 1.104 |
| 543.968 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 12.372 | 17.662 | 28.200 | 1838.817 | 2138.552 | 1.454 | 1.104 |
| 543.828 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 12.368 | 17.660 | 28.190 | 1837.677 | 2137.339 | 1.453 | 1.103 |
| 544.165 | 1.000 | 14.770 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 12.373 | 17.660 | 28.201 | 1836.871 | 2136.393 | 1.453 | 1.103 |
| 544.404 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 12.373 | 17.660 | 28.202 | 1836.004 | 2135.347 | 1.452 | 1.102 |
| 544.661 | 1.000 | 14.766 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 12.367 | 17.660 | 28.188 | 1833.217 | 2132.134 | 1.450 | 1.101 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 545.489 | 1.000 | 14.773 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 12.371 | 17.662 | 28.197 | 1833.625 | 2132.514 | 1.450 | 1.101 |
| 545.368 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 12.367 | 17.661 | 28.188 | 1836.336 | 2135.704 | 1.452 | 1.103 |
| 544.563 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 12.363 | 17.661 | 28.180 | 1837.660 | 2137.232 | 1.453 | 1.103 |
| 544.170 | 1.000 | 14.778 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 12.372 | 17.661 | 28.200 | 1838.851 | 2138.617 | 1.454 | 1.104 |
| 543.818 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 12.367 | 17.661 | 28.187 | 1839.507 | 2139.392 | 1.455 | 1.105 |
| 543.624 | 1.000 | 14.777 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 12.364 | 17.663 | 28.182 | 1838.829 | 2138.533 | 1.454 | 1.104 |
| 543.824 | 1.000 | 14.780 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 12.358 | 17.662 | 28.168 | 1839.077 | 2138.846 | 1.454 | 1.104 |
| 543.751 | 1.000 | 14.786 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 12.362 | 17.662 | 28.178 | 1841.681 | 2141.891 | 1.456 | 1.106 |
| 542.982 | 1.000 | 14.783 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 12.365 | 17.660 | 28.184 | 1841.389 | 2141.623 | 1.456 | 1.106 |
| 543.068 | 1.000 | 14.782 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 12.365 | 17.661 | 28.185 | 1841.362 | 2141.562 | 1.456 | 1.106 |
| 543.076 | 1.000 | 14.784 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 12.359 | 17.662 | 28.170 | 1840.840 | 2140.905 | 1.456 | 1.105 |
| 543.230 | 1.000 | 14.790 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 12.365 | 17.661 | 28.183 | 1840.629 | 2140.701 | 1.456 | 1.105 |
| 543.293 | 1.000 | 14.785 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 12.367 | 17.662 | 28.188 | 1840.593 | 2140.613 | 1.456 | 1.105 |
| 543.303 | 1.000 | 14.784 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 12.371 | 17.661 | 28.197 | 1839.089 | 2138.906 | 1.454 | 1.104 |
| 543.748 | 1.000 | 14.780 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 12.376 | 17.661 | 28.208 | 1838.471 | 2138.208 | 1.454 | 1.104 |
| 543.930 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 12.371 | 17.661 | 28.198 | 1838.283 | 2137.972 | 1.454 | 1.104 |
| 543.986 | 1.000 | 14.778 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 12.371 | 17.662 | 28.197 | 1838.343 | 2138.013 | 1.454 | 1.104 |
| 543.968 | 1.000 | 14.780 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 12.381 | 17.660 | 28.220 | 1837.851 | 2137.504 | 1.454 | 1.104 |
| 544.114 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 12.380 | 17.660 | 28.217 | 1837.220 | 2136.782 | 1.453 | 1.103 |
| 544.301 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 12.379 | 17.662 | 28.216 | 1837.338 | 2136.820 | 1.453 | 1.103 |
| 544.266 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 12.384 | 17.661 | 28.227 | 1837.473 | 2137.015 | 1.453 | 1.103 |
| 544.226 | 1.000 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 12.382 | 17.662 | 28.223 | 1837.928 | 2137.526 | 1.454 | 1.104 |
| 544.091 | 1.000 | 14.762 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 12.380 | 17.661 | 28.218 | 1839.327 | 2139.183 | 1.455 | 1.104 |
| 543.677 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 12.388 | 17.661 | 28.235 | 1840.152 | 2140.130 | 1.455 | 1.105 |
| 543.433 | 1.000 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 12.383 | 17.661 | 28.225 | 1839.493 | 2139.375 | 1.455 | 1.105 |
| 543.628 | 1.000 | 14.757 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 12.390 | 17.660 | 28.241 | 1838.458 | 2138.210 | 1.454 | 1.104 |
| 543.934 | 1.000 | 14.750 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 12.386 | 17.660 | 28.231 | 1837.074 | 2136.591 | 1.453 | 1.103 |
| 544.344 | 1.000 | 14.752 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 12.393 | 17.661 | 28.247 | 1837.150 | 2136.672 | 1.453 | 1.103 |
| 544.321 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 12.396 | 17.662 | 28.255 | 1835.711 | 2134.939 | 1.452 | 1.102 |
| 544.748 | 1.000 | 14.737 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 12.405 | 17.661 | 28.275 | 1835.819 | 2135.091 | 1.452 | 1.102 |
| 544.716 | 1.000 | 14.732 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 12.392 | 17.661 | 28.244 | 1836.190 | 2135.534 | 1.452 | 1.102 |
| 544.606 | 1.000 | 14.739 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 12.392 | 17.661 | 28.246 | 1836.848 | 2136.312 | 1.453 | 1.103 |
| 544.411 | 1.000 | 14.736 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 12.389 | 17.662 | 28.238 | 1838.485 | 2138.145 | 1.454 | 1.104 |
| 543.926 | 1.000 | 14.739 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 12.381 | 17.662 | 28.220 | 1839.765 | 2139.642 | 1.455 | 1.105 |
| 543.548 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 12.377 | 17.662 | 28.210 | 1841.797 | 2142.006 | 1.457 | 1.106 |
| 542.948 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 12.379 | 17.661 | 28.216 | 1840.386 | 2140.422 | 1.455 | 1.105 |
| 543.364 | 1.000 | 14.745 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 12.383 | 17.662 | 28.225 | 1839.804 | 2139.718 | 1.455 | 1.105 |
| 543.536 | 1.000 | 14.741 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 12.379 | 17.661 | 28.215 | 1838.199 | 2137.884 | 1.454 | 1.104 |
| 544.011 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 12.376 | 17.662 | 28.208 | 1838.572 | 2138.271 | 1.454 | 1.104 |
| 543.900 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 12.375 | 17.661 | 28.207 | 1838.840 | 2138.616 | 1.454 | 1.104 |
| 543.821 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 12.386 | 17.662 | 28.230 | 1839.297 | 2139.114 | 1.455 | 1.104 |
| 543.686 | 1.000 | 14.738 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 12.374 | 17.660 | 28.205 | 1839.289 | 2139.185 | 1.455 | 1.104 |
| 543.688 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 12.379 | 17.662 | 28.215 | 1837.024 | 2136.443 | 1.453 | 1.103 |
| 544.359 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 12.381 | 17.661 | 28.220 | 1837.226 | 2136.739 | 1.453 | 1.103 |
| 544.299 | 1.000 | 14.742 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 12.377 | 17.662 | 28.211 | 1837.527 | 2137.061 | 1.453 | 1.103 |
| 544.210 | 1.000 | 14.747 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 12.373 | 17.662 | 28.202 | 1838.204 | 2137.856 | 1.454 | 1.104 |
| 544.009 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 12.372 | 17.662 | 28.200 | 1838.540 | 2138.226 | 1.454 | 1.104 |
| 543.910 | 1.000 | 14.751 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 12.374 | 17.660 | 28.204 | 1837.919 | 2137.579 | 1.454 | 1.104 |
| 544.094 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 12.368 | 17.662 | 28.191 | 1838.060 | 2137.680 | 1.454 | 1.104 |
| 544.052 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 12.369 | 17.661 | 28.192 | 1838.479 | 2138.213 | 1.454 | 1.104 |
| 543.928 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 12.372 | 17.661 | 28.199 | 1838.060 | 2137.697 | 1.454 | 1.104 |
| 544.052 | 1.000 | 14.753 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 12.369 | 17.662 | 28.192 | 1838.786 | 2138.515 | 1.454 | 1.104 |
| 543.837 | 1.000 | 14.756 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 12.375 | 17.662 | 28.206 | 1838.900 | 2138.632 | 1.454 | 1.104 |
| 543.803 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 12.372 | 17.662 | 28.199 | 1839.379 | 2139.218 | 1.455 | 1.104 |
| 543.662 | 1.000 | 14.754 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 12.376 | 17.660 | 28.208 | 1838.966 | 2138.809 | 1.454 | 1.104 |
| 543.784 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 12.381 | 17.661 | 28.220 | 1839.030 | 2138.851 | 1.454 | 1.104 |
| 543.765 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 12.376 | 17.661 | 28.210 | 1838.281 | 2137.954 | 1.454 | 1.104 |
| 543.987 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 12.381 | 17.662 | 28.220 | 1838.355 | 2138.027 | 1.454 | 1.104 |
| 543.965 | 1.000 | 14.743 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 12.377 | 17.661 | 28.212 | 1838.018 | 2137.665 | 1.454 | 1.104 |
| 544.064 | 1.000 | 14.746 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 12.380 | 17.662 | 28.218 | 1840.180 | 2140.150 | 1.455 | 1.105 |
| 543.425 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 12.377 | 17.662 | 28.210 | 1842.009 | 2142.247 | 1.457 | 1.106 |
| 542.886 | 1.000 | 14.747 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 12.368 | 17.662 | 28.191 | 1841.865 | 2142.097 | 1.457 | 1.106 |
| 542.928 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 12.369 | 17.661 | 28.193 | 1841.725 | 2141.984 | 1.457 | 1.106 |
| 542.969 | 1.000 | 14.756 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 12.362 | 17.660 | 28.176 | 1840.591 | 2140.695 | 1.456 | 1.105 |
| 543.304 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 12.367 | 17.662 | 28.188 | 1839.217 | 2139.029 | 1.455 | 1.104 |
| 543.710 | 1.000 | 14.759 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 12.372 | 17.661 | 28.199 | 1837.256 | 2136.787 | 1.453 | 1.103 |
| 544.290 | 1.000 | 14.755 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/6/2017 11:45:00 PM | 179100.000 | 12.378 | 17.662 | 28.214 | 1838.593 | 2138.287 | 1.454 | 1.104 |
| 543.894 | 1.000 | 14.750 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 12.375 | 17.661 | 28.207 | 1838.415 | 2138.130 | 1.454 | 1.104 |
| 543.947 | 1.000 | 14.753 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 12.386 | 17.661 | 28.232 | 1838.458 | 2138.177 | 1.454 | 1.104 |
| 543.934 | 1.000 | 14.739 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 12.391 | 17.662 | 28.242 | 1838.391 | 2138.061 | 1.454 | 1.104 |
| 543.954 | 1.000 | 14.736 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 12.392 | 17.661 | 28.245 | 1837.913 | 2137.559 | 1.454 | 1.104 |
| 544.096 | 1.000 | 14.732 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 12.398 | 17.661 | 28.260 | 1838.054 | 2137.685 | 1.454 | 1.104 |
| 544.054 | 1.000 | 14.725 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 12.401 | 17.662 | 28.267 | 1836.891 | 2136.296 | 1.453 | 1.103 |
| 544.398 | 1.000 | 14.718 | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 12.401 | 17.661 | 28.267 | 1837.026 | 2136.495 | 1.453 | 1.103 |
| 544.358 | 1.000 | 14.716 | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 12.398 | 17.661 | 28.258 | 1836.625 | 2136.037 | 1.453 | 1.103 |
| 544.477 | 1.000 | 14.717 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 12.397 | 17.662 | 28.256 | 1836.754 | 2136.165 | 1.453 | 1.103 |
| 544.439 | 1.000 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 12.395 | 17.662 | 28.252 | 1839.338 | 2139.170 | 1.455 | 1.104 |
| 543.674 | 1.000 | 14.715 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 12.393 | 17.660 | 28.248 | 1839.623 | 2139.576 | 1.455 | 1.105 |
| 543.590 | 1.000 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 12.393 | 17.660 | 28.247 | 1839.469 | 2139.406 | 1.455 | 1.105 |
| 543.635 | 1.000 | 14.713 | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 12.396 | 17.660 | 28.255 | 1838.267 | 2137.983 | 1.454 | 1.104 |
| 543.991 | 1.000 | 14.709 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 12.395 | 17.662 | 28.253 | 1838.542 | 2138.216 | 1.454 | 1.104 |
| 543.909 | 1.000 | 14.708 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 12.400 | 17.663 | 28.263 | 1838.935 | 2138.636 | 1.454 | 1.104 |
| 543.793 | 1.000 | 14.700 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 12.399 | 17.662 | 28.261 | 1840.018 | 2139.957 | 1.455 | 1.105 |
| 543.473 | 1.000 | 14.699 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 12.398 | 17.663 | 28.260 | 1840.496 | 2140.467 | 1.456 | 1.105 |
| 543.332 | 1.000 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 12.397 | 17.661 | 28.256 | 1840.290 | 2140.298 | 1.455 | 1.105 |
| 543.393 | 1.000 | 14.697 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 12.397 | 17.661 | 28.257 | 1840.237 | 2140.229 | 1.455 | 1.105 |
| 543.408 | 1.000 | 14.694 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 12.398 | 17.662 | 28.258 | 1839.454 | 2139.281 | 1.455 | 1.105 |
| 543.640 | 1.000 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 12.396 | 17.661 | 28.254 | 1837.937 | 2137.562 | 1.454 | 1.104 |
| 544.088 | 1.000 | 14.692 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 12.395 | 17.661 | 28.253 | 1838.558 | 2138.271 | 1.454 | 1.104 |
| 543.905 | 1.000 | 14.689 | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 12.388 | 17.661 | 28.236 | 1839.117 | 2138.942 | 1.454 | 1.104 |
| 543.739 | 1.000 | 14.697 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 12.386 | 17.661 | 28.231 | 1838.547 | 2138.300 | 1.454 | 1.104 |
| 543.908 | 1.000 | 14.698 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 12.383 | 17.660 | 28.224 | 1837.869 | 2137.542 | 1.454 | 1.104 |
| 544.108 | 1.000 | 14.700 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 12.385 | 17.663 | 28.228 | 1837.614 | 2137.091 | 1.453 | 1.103 |
| 544.184 | 1.000 | 14.698 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 12.386 | 17.662 | 28.233 | 1837.229 | 2136.693 | 1.453 | 1.103 |
| 544.298 | 1.000 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 12.388 | 17.660 | 28.235 | 1837.945 | 2137.608 | 1.454 | 1.104 |
| 544.086 | 1.000 | 14.695 | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 12.384 | 17.661 | 28.228 | 1837.920 | 2137.530 | 1.454 | 1.104 |
| 544.093 | 1.000 | 14.697 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 12.381 | 17.662 | 28.219 | 1838.618 | 2138.333 | 1.454 | 1.104 |
| 543.887 | 1.000 | 14.699 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 12.378 | 17.660 | 28.213 | 1837.785 | 2137.431 | 1.453 | 1.104 |
| 544.133 | 1.000 | 14.702 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 12.378 | 17.661 | 28.213 | 1837.522 | 2137.096 | 1.453 | 1.103 |
| 544.211 | 1.000 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 12.380 | 17.662 | 28.217 | 1838.064 | 2137.680 | 1.454 | 1.104 |
| 544.051 | 1.000 | 14.700 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 12.365 | 17.662 | 28.184 | 1838.360 | 2138.004 | 1.454 | 1.104 |
| 543.963 | 1.000 | 14.714 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 12.369 | 17.661 | 28.193 | 1838.525 | 2138.271 | 1.454 | 1.104 |
| 543.914 | 1.000 | 14.712 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 12.367 | 17.661 | 28.188 | 1838.249 | 2137.921 | 1.454 | 1.104 |
| 543.996 | 1.000 | 14.716 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 12.363 | 17.662 | 28.180 | 1837.733 | 2137.283 | 1.453 | 1.103 |
| 544.149 | 1.000 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 12.367 | 17.662 | 28.189 | 1839.083 | 2138.837 | 1.454 | 1.104 |
| 543.749 | 1.000 | 14.718 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 12.358 | 17.662 | 28.168 | 1839.174 | 2138.968 | 1.454 | 1.104 |
| 543.722 | 1.000 | 14.728 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 12.361 | 17.662 | 28.176 | 1839.257 | 2139.072 | 1.455 | 1.104 |
| 543.698 | 1.000 | 14.726 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 12.358 | 17.661 | 28.168 | 1839.099 | 2138.939 | 1.454 | 1.104 |
| 543.744 | 1.000 | 14.732 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 12.348 | 17.661 | 28.146 | 1839.260 | 2139.096 | 1.455 | 1.104 |
| 543.697 | 1.000 | 14.742 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 12.355 | 17.662 | 28.160 | 1838.945 | 2138.709 | 1.454 | 1.104 |
| 543.790 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 12.363 | 17.660 | 28.180 | 1838.725 | 2138.558 | 1.454 | 1.104 |
| 543.855 | 1.000 | 14.732 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 12.361 | 17.661 | 28.174 | 1838.747 | 2138.516 | 1.454 | 1.104 |
| 543.849 | 1.000 | 14.737 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 12.369 | 17.663 | 28.193 | 1838.023 | 2137.596 | 1.454 | 1.104 |
| 544.063 | 1.000 | 14.730 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 12.369 | 17.661 | 28.194 | 1838.344 | 2138.031 | 1.454 | 1.104 |
| 543.968 | 1.000 | 14.732 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 12.374 | 17.661 | 28.205 | 1838.344 | 2138.031 | 1.454 | 1.104 |
| 543.968 | 1.000 | 14.727 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 12.380 | 17.662 | 28.219 | 1838.390 | 2138.064 | 1.454 | 1.104 |
| 543.954 | 1.000 | 14.721 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 12.382 | 17.661 | 28.223 | 1838.257 | 2137.935 | 1.454 | 1.104 |
| 543.993 | 1.000 | 14.720 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 12.378 | 17.661 | 28.214 | 1838.667 | 2138.402 | 1.454 | 1.104 |
| 543.872 | 1.000 | 14.723 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 12.386 | 17.661 | 28.233 | 1839.017 | 2138.844 | 1.454 | 1.104 |
| 543.769 | 1.000 | 14.716 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 12.379 | 17.660 | 28.216 | 1838.192 | 2137.934 | 1.454 | 1.104 |
| 544.013 | 1.000 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 12.383 | 17.662 | 28.224 | 1837.300 | 2136.796 | 1.453 | 1.103 |
| 544.277 | 1.000 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 12.383 | 17.662 | 28.224 | 1835.882 | 2135.156 | 1.452 | 1.102 |
| 544.697 | 1.000 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 12.384 | 17.661 | 28.228 | 1835.405 | 2134.605 | 1.452 | 1.102 |
| 544.839 | 1.000 | 14.714 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 12.374 | 17.662 | 28.204 | 1835.960 | 2135.233 | 1.452 | 1.102 |
| 544.674 | 1.000 | 14.723 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 12.378 | 17.661 | 28.213 | 1836.785 | 2136.218 | 1.453 | 1.103 |
| 544.430 | 1.000 | 14.721 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 12.383 | 17.661 | 28.224 | 1837.095 | 2136.591 | 1.453 | 1.103 |
| 544.338 | 1.000 | 14.715 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 12.373 | 17.661 | 28.203 | 1836.574 | 2136.006 | 1.452 | 1.103 |
| 544.492 | 1.000 | 14.724 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 12.381 | 17.661 | 28.221 | 1837.076 | 2136.585 | 1.453 | 1.103 |
| 544.343 | 1.000 | 14.718 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 12.368 | 17.661 | 28.190 | 1836.437 | 2135.838 | 1.452 | 1.103 |
| 544.533 | 1.000 | 14.732 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 12.372 | 17.662 | 28.199 | 1837.497 | 2137.005 | 1.453 | 1.103 |
| 544.219 | 1.000 | 14.728 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 12.372 | 17.662 | 28.200 | 1838.920 | 2138.651 | 1.454 | 1.104 |
| 543.797 | 1.000 | 14.731 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 12.368 | 17.663 | 28.191 | 1839.868 | 2139.737 | 1.455 | 1.105 |
| 543.517 | 1.000 | 14.735 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 12.369 | 17.663 | 28.192 | 1841.109 | 2141.180 | 1.456 | 1.106 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 543.151 | 1.000 | 14.736 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 12.366 | 17.661 | 28.186 | 1842.056 | 2142.370 | 1.457 | 1.106 |
| 542.872 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 12.368 | 17.661 | 28.190 | 1840.465 | 2140.497 | 1.456 | 1.105 |
| 543.341 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 12.375 | 17.662 | 28.206 | 1838.893 | 2138.640 | 1.454 | 1.104 |
| 543.806 | 1.000 | 14.731 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 12.371 | 17.661 | 28.198 | 1837.766 | 2137.359 | 1.453 | 1.103 |
| 544.139 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 12.372 | 17.662 | 28.199 | 1839.661 | 2139.510 | 1.455 | 1.105 |
| 543.578 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 12.375 | 17.662 | 28.206 | 1839.167 | 2138.951 | 1.454 | 1.104 |
| 543.724 | 1.000 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 12.375 | 17.660 | 28.206 | 1838.134 | 2137.825 | 1.454 | 1.104 |
| 544.030 | 1.000 | 14.734 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 12.386 | 17.661 | 28.231 | 1837.669 | 2137.262 | 1.453 | 1.103 |
| 544.168 | 1.000 | 14.728 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 12.375 | 17.661 | 28.207 | 1837.114 | 2136.626 | 1.453 | 1.103 |
| 544.332 | 1.000 | 14.735 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 12.368 | 17.662 | 28.190 | 1838.348 | 2137.994 | 1.454 | 1.104 |
| 543.967 | 1.000 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 12.367 | 17.661 | 28.188 | 1838.052 | 2137.691 | 1.454 | 1.104 |
| 544.054 | 1.000 | 14.743 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 12.368 | 17.661 | 28.192 | 1838.490 | 2138.198 | 1.454 | 1.104 |
| 543.924 | 1.000 | 14.741 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 12.362 | 17.661 | 28.177 | 1839.191 | 2139.028 | 1.455 | 1.104 |
| 543.717 | 1.000 | 14.750 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 12.361 | 17.661 | 28.174 | 1840.177 | 2140.155 | 1.455 | 1.105 |
| 543.426 | 1.000 | 14.753 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 12.356 | 17.662 | 28.163 | 1840.292 | 2140.276 | 1.455 | 1.105 |
| 543.392 | 1.000 | 14.761 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 12.367 | 17.663 | 28.188 | 1840.578 | 2140.563 | 1.456 | 1.105 |
| 543.308 | 1.000 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 12.364 | 17.662 | 28.180 | 1840.552 | 2140.565 | 1.456 | 1.105 |
| 543.315 | 1.000 | 14.756 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 12.360 | 17.661 | 28.171 | 1840.509 | 2140.540 | 1.456 | 1.105 |
| 543.328 | 1.000 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 12.360 | 17.661 | 28.173 | 1839.789 | 2139.716 | 1.455 | 1.105 |
| 543.541 | 1.000 | 14.762 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 12.362 | 17.662 | 28.177 | 1839.788 | 2139.657 | 1.455 | 1.105 |
| 543.541 | 1.000 | 14.764 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 12.367 | 17.662 | 28.189 | 1838.956 | 2138.706 | 1.454 | 1.104 |
| 543.787 | 1.000 | 14.760 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 12.375 | 17.661 | 28.208 | 1838.786 | 2138.557 | 1.454 | 1.104 |
| 543.837 | 1.000 | 14.754 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 12.366 | 17.662 | 28.186 | 1838.153 | 2137.789 | 1.454 | 1.104 |
| 544.024 | 1.000 | 14.763 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 12.381 | 17.660 | 28.221 | 1837.772 | 2137.407 | 1.453 | 1.103 |
| 544.137 | 1.000 | 14.748 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 12.365 | 17.662 | 28.184 | 1837.788 | 2137.343 | 1.453 | 1.103 |
| 544.133 | 1.000 | 14.763 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 12.371 | 17.661 | 28.198 | 1837.990 | 2137.632 | 1.454 | 1.104 |
| 544.073 | 1.000 | 14.759 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 12.376 | 17.661 | 28.209 | 1838.026 | 2137.661 | 1.454 | 1.104 |
| 544.062 | 1.000 | 14.755 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 12.379 | 17.661 | 28.215 | 1837.775 | 2137.399 | 1.453 | 1.103 |
| 544.136 | 1.000 | 14.753 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 12.391 | 17.663 | 28.244 | 1837.622 | 2137.112 | 1.453 | 1.103 |
| 544.182 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 12.384 | 17.662 | 28.226 | 1837.998 | 2137.587 | 1.454 | 1.104 |
| 544.070 | 1.000 | 14.746 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 12.382 | 17.662 | 28.221 | 1839.098 | 2138.887 | 1.454 | 1.104 |
| 543.745 | 1.000 | 14.747 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 12.373 | 17.661 | 28.203 | 1838.490 | 2138.217 | 1.454 | 1.104 |
| 543.925 | 1.000 | 14.753 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 12.373 | 17.661 | 28.202 | 1838.061 | 2137.706 | 1.454 | 1.104 |
| 544.052 | 1.000 | 14.756 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 12.383 | 17.661 | 28.226 | 1836.580 | 2135.976 | 1.452 | 1.103 |
| 544.490 | 1.000 | 14.744 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 12.378 | 17.662 | 28.214 | 1837.203 | 2136.650 | 1.453 | 1.103 |
| 544.306 | 1.000 | 14.750 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 12.376 | 17.662 | 28.209 | 1837.629 | 2137.182 | 1.453 | 1.103 |
| 544.180 | 1.000 | 14.751 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 12.393 | 17.661 | 28.248 | 1837.550 | 2137.124 | 1.453 | 1.103 |
| 544.203 | 1.000 | 14.735 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 12.394 | 17.660 | 28.227 | 1837.616 | 2137.226 | 1.453 | 1.103 |
| 544.183 | 1.000 | 14.743 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 12.393 | 17.664 | 28.248 | 1837.847 | 2137.317 | 1.453 | 1.103 |
| 544.115 | 1.000 | 14.732 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 12.393 | 17.663 | 28.248 | 1839.353 | 2139.138 | 1.455 | 1.104 |
| 543.669 | 1.000 | 14.733 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 12.392 | 17.661 | 28.244 | 1839.578 | 2139.479 | 1.455 | 1.105 |
| 543.603 | 1.000 | 14.732 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 12.404 | 17.661 | 28.273 | 1839.492 | 2139.374 | 1.455 | 1.105 |
| 543.628 | 1.000 | 14.718 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 12.400 | 17.660 | 28.262 | 1839.019 | 2138.875 | 1.454 | 1.104 |
| 543.768 | 1.000 | 14.723 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 12.407 | 17.661 | 28.280 | 1838.362 | 2138.082 | 1.454 | 1.104 |
| 543.962 | 1.000 | 14.713 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 12.396 | 17.661 | 28.254 | 1839.229 | 2139.089 | 1.455 | 1.104 |
| 543.706 | 1.000 | 14.720 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 12.406 | 17.662 | 28.277 | 1838.684 | 2138.415 | 1.454 | 1.104 |
| 543.867 | 1.000 | 14.709 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 12.405 | 17.660 | 28.274 | 1838.150 | 2137.847 | 1.454 | 1.104 |
| 544.025 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 12.424 | 17.661 | 28.319 | 1838.543 | 2138.254 | 1.454 | 1.104 |
| 543.909 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 12.399 | 17.662 | 28.262 | 1838.538 | 2138.203 | 1.454 | 1.104 |
| 543.910 | 1.000 | 14.707 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 12.400 | 17.662 | 28.264 | 1839.372 | 2139.202 | 1.455 | 1.104 |
| 543.664 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 12.398 | 17.662 | 28.236 | 1839.932 | 2139.849 | 1.455 | 1.105 |
| 543.498 | 1.000 | 14.714 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 12.406 | 17.662 | 28.277 | 1840.025 | 2139.932 | 1.455 | 1.105 |
| 543.471 | 1.000 | 14.693 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 12.397 | 17.662 | 28.256 | 1839.298 | 2139.099 | 1.455 | 1.104 |
| 543.686 | 1.000 | 14.701 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 12.398 | 17.663 | 28.259 | 1839.018 | 2138.711 | 1.454 | 1.104 |
| 543.768 | 1.000 | 14.696 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 12.391 | 17.662 | 28.244 | 1840.909 | 2140.980 | 1.456 | 1.105 |
| 543.210 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 12.392 | 17.661 | 28.246 | 1840.724 | 2140.791 | 1.456 | 1.105 |
| 543.264 | 1.000 | 14.699 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 12.391 | 17.663 | 28.243 | 1842.287 | 2142.555 | 1.457 | 1.106 |
| 542.803 | 1.000 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 12.385 | 17.662 | 28.228 | 1842.659 | 2143.003 | 1.457 | 1.107 |
| 542.694 | 1.000 | 14.708 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 12.386 | 17.663 | 28.231 | 1842.696 | 2142.993 | 1.457 | 1.107 |
| 542.683 | 1.000 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 12.386 | 17.661 | 28.231 | 1842.323 | 2142.659 | 1.457 | 1.106 |
| 542.793 | 1.000 | 14.705 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 12.390 | 17.662 | 28.241 | 1842.212 | 2142.476 | 1.457 | 1.106 |
| 542.826 | 1.000 | 14.700 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 12.389 | 17.663 | 28.237 | 1842.668 | 2142.985 | 1.457 | 1.107 |
| 542.691 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 12.390 | 17.661 | 28.241 | 1842.569 | 2142.936 | 1.457 | 1.106 |
| 542.721 | 1.000 | 14.700 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 12.386 | 17.661 | 28.231 | 1840.891 | 2140.985 | 1.456 | 1.105 |
| 543.215 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 12.381 | 17.662 | 28.220 | 1841.215 | 2141.320 | 1.456 | 1.106 |
| 543.120 | 1.000 | 14.709 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 12.381 | 17.662 | 28.219 | 1839.217 | 2139.021 | 1.455 | 1.104 |
| 543.710 | 1.000 | 14.711 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/8/2017 9:00:00 AM | 298800.000 | 12.379 | 17.662 | 28.215 | 1839.046 | 2138.793 | 1.454 | 1.104 |
| 543.760 | 1.000 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 12.374 | 17.661 | 28.204 | 1839.082 | 2138.885 | 1.454 | 1.104 |
| 543.750 | 1.000 | 14.719 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 12.377 | 17.661 | 28.210 | 1838.886 | 2138.678 | 1.454 | 1.104 |
| 543.807 | 1.000 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 12.369 | 17.662 | 28.193 | 1840.153 | 2140.115 | 1.455 | 1.105 |
| 543.433 | 1.000 | 14.727 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 12.373 | 17.662 | 28.201 | 1840.552 | 2140.545 | 1.456 | 1.105 |
| 543.315 | 1.000 | 14.724 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 12.374 | 17.662 | 28.204 | 1840.649 | 2140.675 | 1.456 | 1.105 |
| 543.287 | 1.000 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 12.377 | 17.661 | 28.210 | 1840.678 | 2140.746 | 1.456 | 1.105 |
| 543.278 | 1.000 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 12.381 | 17.662 | 28.219 | 1840.787 | 2140.847 | 1.456 | 1.105 |
| 543.246 | 1.000 | 14.720 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 12.376 | 17.662 | 28.210 | 1840.356 | 2140.314 | 1.455 | 1.105 |
| 543.373 | 1.000 | 14.724 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 12.376 | 17.662 | 28.210 | 1839.890 | 2139.817 | 1.455 | 1.105 |
| 543.511 | 1.000 | 14.729 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 12.387 | 17.664 | 28.233 | 1840.296 | 2140.177 | 1.455 | 1.105 |
| 543.391 | 1.000 | 14.715 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 12.402 | 17.660 | 28.269 | 1842.982 | 2143.475 | 1.458 | 1.107 |
| 542.599 | 1.000 | 14.700 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 12.393 | 17.661 | 28.248 | 1842.556 | 2142.942 | 1.457 | 1.106 |
| 542.724 | 1.000 | 14.709 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 12.391 | 17.661 | 28.242 | 1840.790 | 2140.868 | 1.456 | 1.105 |
| 543.245 | 1.000 | 14.710 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 12.397 | 17.662 | 28.257 | 1841.289 | 2141.406 | 1.456 | 1.106 |
| 543.098 | 1.000 | 14.701 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 12.401 | 17.662 | 28.266 | 1841.446 | 2141.626 | 1.456 | 1.106 |
| 543.052 | 1.000 | 14.697 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 12.395 | 17.661 | 28.253 | 1841.130 | 2141.263 | 1.456 | 1.106 |
| 543.145 | 1.000 | 14.701 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 12.403 | 17.662 | 28.269 | 1840.599 | 2140.620 | 1.456 | 1.105 |
| 543.301 | 1.000 | 14.690 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 12.403 | 17.662 | 28.270 | 1839.959 | 2139.872 | 1.455 | 1.105 |
| 543.490 | 1.000 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 12.401 | 17.663 | 28.267 | 1840.453 | 2140.405 | 1.455 | 1.105 |
| 543.344 | 1.000 | 14.688 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 12.406 | 17.661 | 28.276 | 1839.915 | 2139.870 | 1.455 | 1.105 |
| 543.503 | 1.000 | 14.683 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 12.411 | 17.662 | 28.289 | 1839.931 | 2139.856 | 1.455 | 1.105 |
| 543.499 | 1.000 | 14.676 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 12.400 | 17.662 | 28.262 | 1840.362 | 2140.325 | 1.455 | 1.105 |
| 543.371 | 1.000 | 14.685 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 12.388 | 17.661 | 28.237 | 1841.080 | 2141.205 | 1.456 | 1.106 |
| 543.159 | 1.000 | 14.694 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 12.397 | 17.661 | 28.257 | 1839.714 | 2139.625 | 1.455 | 1.105 |
| 543.563 | 1.000 | 14.684 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 12.395 | 17.661 | 28.251 | 1839.690 | 2139.596 | 1.455 | 1.105 |
| 543.570 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 12.398 | 17.662 | 28.259 | 1839.889 | 2139.803 | 1.455 | 1.105 |
| 543.511 | 1.000 | 14.683 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 12.390 | 17.663 | 28.242 | 1839.163 | 2138.908 | 1.454 | 1.104 |
| 543.726 | 1.000 | 14.689 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 12.388 | 17.662 | 28.237 | 1840.065 | 2139.979 | 1.455 | 1.105 |
| 543.459 | 1.000 | 14.691 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 12.385 | 17.663 | 28.228 | 1840.432 | 2140.392 | 1.455 | 1.105 |
| 543.351 | 1.000 | 14.695 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 12.391 | 17.662 | 28.243 | 1840.613 | 2140.640 | 1.456 | 1.105 |
| 543.297 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 12.394 | 17.661 | 28.250 | 1840.511 | 2140.555 | 1.456 | 1.105 |
| 543.327 | 1.000 | 14.684 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 12.391 | 17.661 | 28.244 | 1839.867 | 2139.828 | 1.455 | 1.105 |
| 543.517 | 1.000 | 14.687 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 12.388 | 17.661 | 28.236 | 1838.709 | 2138.488 | 1.454 | 1.104 |
| 543.860 | 1.000 | 14.689 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 12.384 | 17.663 | 28.228 | 1839.482 | 2139.284 | 1.455 | 1.105 |
| 543.631 | 1.000 | 14.693 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 12.390 | 17.662 | 28.241 | 1840.313 | 2140.309 | 1.455 | 1.105 |
| 543.386 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 12.389 | 17.662 | 28.238 | 1841.393 | 2141.543 | 1.456 | 1.106 |
| 543.067 | 1.000 | 14.689 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 12.390 | 17.661 | 28.242 | 1841.063 | 2141.206 | 1.456 | 1.106 |
| 543.164 | 1.000 | 14.687 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 12.381 | 17.661 | 28.221 | 1840.896 | 2141.008 | 1.456 | 1.105 |
| 543.214 | 1.000 | 14.696 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 12.376 | 17.663 | 28.209 | 1840.333 | 2140.282 | 1.455 | 1.105 |
| 543.380 | 1.000 | 14.703 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 12.374 | 17.664 | 28.205 | 1841.212 | 2141.258 | 1.456 | 1.106 |
| 543.121 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 12.379 | 17.662 | 28.215 | 1840.624 | 2140.670 | 1.456 | 1.105 |
| 543.294 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 12.379 | 17.662 | 28.216 | 1840.757 | 2140.792 | 1.456 | 1.105 |
| 543.255 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 12.372 | 17.662 | 28.199 | 1840.044 | 2139.971 | 1.455 | 1.105 |
| 543.465 | 1.000 | 14.711 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 12.381 | 17.662 | 28.219 | 1839.676 | 2139.568 | 1.455 | 1.105 |
| 543.574 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 12.381 | 17.660 | 28.220 | 1839.074 | 2138.935 | 1.454 | 1.104 |
| 543.752 | 1.000 | 14.705 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 12.383 | 17.661 | 28.225 | 1839.540 | 2139.418 | 1.455 | 1.105 |
| 543.614 | 1.000 | 14.703 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 12.381 | 17.662 | 28.221 | 1839.005 | 2138.779 | 1.454 | 1.104 |
| 543.772 | 1.000 | 14.706 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 12.377 | 17.662 | 28.211 | 1838.596 | 2138.278 | 1.454 | 1.104 |
| 543.893 | 1.000 | 14.710 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 12.374 | 17.662 | 28.205 | 1839.830 | 2139.734 | 1.455 | 1.105 |
| 543.529 | 1.000 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 12.375 | 17.662 | 28.207 | 1838.966 | 2138.729 | 1.454 | 1.104 |
| 543.784 | 1.000 | 14.714 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 12.374 | 17.660 | 28.205 | 1839.046 | 2138.889 | 1.454 | 1.104 |
| 543.760 | 1.000 | 14.718 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 12.375 | 17.661 | 28.207 | 1838.536 | 2138.263 | 1.454 | 1.104 |
| 543.911 | 1.000 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 12.376 | 17.661 | 28.208 | 1837.938 | 2137.580 | 1.454 | 1.104 |
| 544.088 | 1.000 | 14.717 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 12.372 | 17.662 | 28.200 | 1837.847 | 2137.440 | 1.453 | 1.104 |
| 544.115 | 1.000 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 12.380 | 17.661 | 28.218 | 1837.713 | 2137.289 | 1.453 | 1.103 |
| 544.155 | 1.000 | 14.716 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 12.378 | 17.663 | 28.213 | 1837.767 | 2137.290 | 1.453 | 1.103 |
| 544.139 | 1.000 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 12.379 | 17.663 | 28.217 | 1838.210 | 2137.788 | 1.454 | 1.104 |
| 544.008 | 1.000 | 14.719 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 12.375 | 17.663 | 28.206 | 1839.995 | 2139.872 | 1.455 | 1.105 |
| 543.480 | 1.000 | 14.725 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 12.374 | 17.664 | 28.204 | 1842.025 | 2142.183 | 1.457 | 1.106 |
| 542.881 | 1.000 | 14.728 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 12.368 | 17.662 | 28.191 | 1841.790 | 2142.010 | 1.457 | 1.106 |
| 542.950 | 1.000 | 14.733 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 12.377 | 17.661 | 28.211 | 1840.390 | 2140.444 | 1.456 | 1.105 |
| 543.363 | 1.000 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 12.378 | 17.662 | 28.214 | 1840.024 | 2139.951 | 1.455 | 1.105 |
| 543.471 | 1.000 | 14.727 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 12.386 | 17.661 | 28.232 | 1839.042 | 2138.840 | 1.454 | 1.104 |
| 543.761 | 1.000 | 14.720 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 12.385 | 17.661 | 28.228 | 1838.549 | 2138.286 | 1.454 | 1.104 |
| 543.907 | 1.000 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 12.386 | 17.662 | 28.232 | 1837.960 | 2137.564 | 1.454 | 1.104 |
| 544.081 | 1.000 | 14.721 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 12.384 | 17.661 | 28.228 | 1838.329 | 2138.026 | 1.454 | 1.104 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 543.972 | 1.000 | 14.722 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 12.397 | 17.661 | 28.258 | 1838.867 | 2138.635 | 1.454 | 1.104 |
| 543.813 | 1.000 | 14.710 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 12.395 | 17.661 | 28.230 | 1838.431 | 2138.128 | 1.454 | 1.104 |
| 543.942 | 1.000 | 14.722 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 12.385 | 17.663 | 28.229 | 1838.793 | 2138.487 | 1.454 | 1.104 |
| 543.835 | 1.000 | 14.723 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 12.372 | 17.662 | 28.200 | 1838.460 | 2138.145 | 1.454 | 1.104 |
| 543.934 | 1.000 | 14.736 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 12.371 | 17.661 | 28.196 | 1838.855 | 2138.621 | 1.454 | 1.104 |
| 543.817 | 1.000 | 14.740 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 12.373 | 17.662 | 28.202 | 1838.776 | 2138.500 | 1.454 | 1.104 |
| 543.840 | 1.000 | 14.739 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 12.368 | 17.661 | 28.190 | 1837.935 | 2137.568 | 1.454 | 1.104 |
| 544.089 | 1.000 | 14.746 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 12.377 | 17.661 | 28.212 | 1837.620 | 2137.218 | 1.453 | 1.103 |
| 544.182 | 1.000 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 12.379 | 17.662 | 28.216 | 1837.727 | 2137.301 | 1.453 | 1.103 |
| 544.151 | 1.000 | 14.739 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 12.382 | 17.662 | 28.223 | 1838.278 | 2137.920 | 1.454 | 1.104 |
| 543.987 | 1.000 | 14.737 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 12.381 | 17.662 | 28.221 | 1837.669 | 2137.200 | 1.453 | 1.103 |
| 544.168 | 1.000 | 14.738 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 12.372 | 17.661 | 28.199 | 1838.583 | 2138.317 | 1.454 | 1.104 |
| 543.897 | 1.000 | 14.748 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 12.371 | 17.662 | 28.198 | 1838.510 | 2138.203 | 1.454 | 1.104 |
| 543.919 | 1.000 | 14.751 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 12.382 | 17.661 | 28.223 | 1838.773 | 2138.522 | 1.454 | 1.104 |
| 543.841 | 1.000 | 14.741 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 12.387 | 17.661 | 28.233 | 1839.087 | 2138.904 | 1.454 | 1.104 |
| 543.748 | 1.000 | 14.738 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 12.375 | 17.661 | 28.206 | 1838.713 | 2138.476 | 1.454 | 1.104 |
| 543.859 | 1.000 | 14.750 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 12.380 | 17.661 | 28.217 | 1838.795 | 2138.548 | 1.454 | 1.104 |
| 543.834 | 1.000 | 14.746 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 12.386 | 17.662 | 28.232 | 1838.736 | 2138.458 | 1.454 | 1.104 |
| 543.852 | 1.000 | 14.741 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 12.377 | 17.663 | 28.211 | 1838.644 | 2138.309 | 1.454 | 1.104 |
| 543.879 | 1.000 | 14.750 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 12.375 | 17.663 | 28.206 | 1839.344 | 2139.115 | 1.455 | 1.104 |
| 543.672 | 1.000 | 14.754 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 12.379 | 17.662 | 28.216 | 1839.514 | 2139.346 | 1.455 | 1.105 |
| 543.622 | 1.000 | 14.749 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 12.377 | 17.661 | 28.211 | 1838.886 | 2138.667 | 1.454 | 1.104 |
| 543.807 | 1.000 | 14.754 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 12.372 | 17.661 | 28.199 | 1838.773 | 2138.530 | 1.454 | 1.104 |
| 543.841 | 1.000 | 14.761 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 12.374 | 17.661 | 28.204 | 1839.028 | 2138.835 | 1.454 | 1.104 |
| 543.765 | 1.000 | 14.760 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 12.371 | 17.663 | 28.197 | 1840.988 | 2141.027 | 1.456 | 1.105 |
| 543.187 | 1.000 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 12.371 | 17.662 | 28.197 | 1841.270 | 2141.384 | 1.456 | 1.106 |
| 543.103 | 1.000 | 14.766 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 12.374 | 17.661 | 28.204 | 1840.821 | 2140.920 | 1.456 | 1.105 |
| 543.236 | 1.000 | 14.765 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 12.372 | 17.662 | 28.199 | 1840.080 | 2140.038 | 1.455 | 1.105 |
| 543.455 | 1.000 | 14.769 | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 12.368 | 17.663 | 28.190 | 1838.466 | 2138.111 | 1.454 | 1.104 |
| 543.932 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 12.374 | 17.663 | 28.204 | 1839.271 | 2139.043 | 1.455 | 1.104 |
| 543.694 | 1.000 | 14.771 | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 12.369 | 17.662 | 28.192 | 1839.474 | 2139.308 | 1.455 | 1.105 |
| 543.634 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 12.362 | 17.661 | 28.178 | 1838.306 | 2138.016 | 1.454 | 1.104 |
| 543.979 | 1.000 | 14.786 | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 12.364 | 17.661 | 28.182 | 1837.942 | 2137.568 | 1.454 | 1.104 |
| 544.087 | 1.000 | 14.787 | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 12.362 | 17.661 | 28.177 | 1835.963 | 2135.253 | 1.452 | 1.102 |
| 544.673 | 1.000 | 14.790 | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 12.360 | 17.662 | 28.173 | 1837.528 | 2137.070 | 1.453 | 1.103 |
| 544.209 | 1.000 | 14.796 | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 12.362 | 17.661 | 28.177 | 1838.772 | 2138.558 | 1.454 | 1.104 |
| 543.841 | 1.000 | 14.796 | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 12.360 | 17.660 | 28.172 | 1838.722 | 2138.508 | 1.454 | 1.104 |
| 543.856 | 1.000 | 14.803 | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 12.364 | 17.663 | 28.182 | 1838.133 | 2137.724 | 1.454 | 1.104 |
| 544.030 | 1.000 | 14.799 | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 12.362 | 17.662 | 28.176 | 1838.239 | 2137.872 | 1.454 | 1.104 |
| 543.999 | 1.000 | 14.804 | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 12.374 | 17.661 | 28.205 | 1838.220 | 2137.904 | 1.454 | 1.104 |
| 544.004 | 1.000 | 14.794 | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 12.385 | 17.661 | 28.228 | 1838.356 | 2138.050 | 1.454 | 1.104 |
| 543.964 | 1.000 | 14.784 | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 12.387 | 17.662 | 28.234 | 1837.962 | 2137.566 | 1.454 | 1.104 |
| 544.081 | 1.000 | 14.781 | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 12.395 | 17.661 | 28.251 | 1837.303 | 2136.821 | 1.453 | 1.103 |
| 544.276 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 12.390 | 17.661 | 28.241 | 1837.510 | 2137.057 | 1.453 | 1.103 |
| 544.215 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 12.385 | 17.661 | 28.229 | 1838.421 | 2138.142 | 1.454 | 1.104 |
| 543.945 | 1.000 | 14.782 | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 12.394 | 17.661 | 28.250 | 1838.302 | 2137.978 | 1.454 | 1.104 |
| 543.980 | 1.000 | 14.772 | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 12.396 | 17.662 | 28.255 | 1837.421 | 2136.924 | 1.453 | 1.103 |
| 544.241 | 1.000 | 14.768 | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 12.397 | 17.662 | 28.258 | 1837.955 | 2137.537 | 1.454 | 1.104 |
| 544.083 | 1.000 | 14.768 | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 12.391 | 17.661 | 28.242 | 1837.299 | 2136.837 | 1.453 | 1.103 |
| 544.277 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 12.378 | 17.662 | 28.214 | 1837.741 | 2137.309 | 1.453 | 1.103 |
| 544.146 | 1.000 | 14.785 | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 12.383 | 17.661 | 28.225 | 1837.397 | 2136.955 | 1.453 | 1.103 |
| 544.248 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 12.384 | 17.662 | 28.227 | 1838.031 | 2137.642 | 1.454 | 1.104 |
| 544.060 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 12.386 | 17.661 | 28.232 | 1837.857 | 2137.481 | 1.453 | 1.104 |
| 544.112 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 12.388 | 17.661 | 28.235 | 1838.116 | 2137.782 | 1.454 | 1.104 |
| 544.035 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 12.390 | 17.661 | 28.240 | 1838.708 | 2138.454 | 1.454 | 1.104 |
| 543.860 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 12.386 | 17.663 | 28.231 | 1838.755 | 2138.434 | 1.454 | 1.104 |
| 543.846 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 12.390 | 17.661 | 28.241 | 1839.047 | 2138.874 | 1.454 | 1.104 |
| 543.760 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 12.387 | 17.660 | 28.234 | 1837.623 | 2137.234 | 1.453 | 1.103 |
| 544.181 | 1.000 | 14.778 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 12.384 | 17.662 | 28.227 | 1837.880 | 2137.463 | 1.453 | 1.104 |
| 544.105 | 1.000 | 14.782 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 12.391 | 17.663 | 28.242 | 1838.725 | 2138.392 | 1.454 | 1.104 |
| 543.855 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 12.386 | 17.661 | 28.231 | 1839.403 | 2139.271 | 1.455 | 1.105 |
| 543.655 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 12.387 | 17.661 | 28.234 | 1838.829 | 2138.625 | 1.454 | 1.104 |
| 543.824 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 12.393 | 17.662 | 28.246 | 1838.167 | 2137.809 | 1.454 | 1.104 |
| 544.020 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 12.396 | 17.661 | 28.253 | 1838.411 | 2138.100 | 1.454 | 1.104 |
| 543.948 | 1.000 | 14.770 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 12.400 | 17.662 | 28.263 | 1838.142 | 2137.767 | 1.454 | 1.104 |
| 544.028 | 1.000 | 14.765 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 12.396 | 17.661 | 28.254 | 1839.980 | 2139.942 | 1.455 | 1.105 |
| 543.484 | 1.000 | 14.769 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/9/2017 6:15:00 PM | 418500.000 | 12.390 | 17.662 | 28.241 | 1839.375 | 2139.201 | 1.455 | 1.104 |
| 543.663 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 12.387 | 17.661 | 28.234 | 1840.333 | 2140.340 | 1.455 | 1.105 |
| 543.380 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 12.384 | 17.660 | 28.227 | 1839.630 | 2139.568 | 1.455 | 1.105 |
| 543.588 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 12.390 | 17.661 | 28.241 | 1839.625 | 2139.546 | 1.455 | 1.105 |
| 543.589 | 1.000 | 14.774 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 12.386 | 17.662 | 28.230 | 1840.652 | 2140.678 | 1.456 | 1.105 |
| 543.286 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 12.385 | 17.663 | 28.230 | 1841.067 | 2141.136 | 1.456 | 1.106 |
| 543.163 | 1.000 | 14.778 | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 12.389 | 17.661 | 28.238 | 1840.123 | 2140.133 | 1.455 | 1.105 |
| 543.442 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 12.387 | 17.663 | 28.235 | 1841.018 | 2141.079 | 1.456 | 1.105 |
| 543.178 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 12.378 | 17.661 | 28.214 | 1841.276 | 2141.442 | 1.456 | 1.106 |
| 543.102 | 1.000 | 14.786 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 12.384 | 17.662 | 28.226 | 1841.259 | 2141.388 | 1.456 | 1.106 |
| 543.107 | 1.000 | 14.782 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 12.393 | 17.663 | 28.246 | 1842.216 | 2142.463 | 1.457 | 1.106 |
| 542.825 | 1.000 | 14.774 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 12.384 | 17.662 | 28.227 | 1842.322 | 2142.599 | 1.457 | 1.106 |
| 542.793 | 1.000 | 14.783 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 12.386 | 17.662 | 28.231 | 1840.948 | 2141.005 | 1.456 | 1.105 |
| 543.198 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 12.397 | 17.662 | 28.257 | 1842.306 | 2142.605 | 1.457 | 1.106 |
| 542.798 | 1.000 | 14.771 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 12.391 | 17.662 | 28.244 | 1842.802 | 2143.166 | 1.457 | 1.107 |
| 542.652 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 12.392 | 17.662 | 28.245 | 1843.036 | 2143.434 | 1.458 | 1.107 |
| 542.583 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 12.388 | 17.662 | 28.236 | 1843.089 | 2143.533 | 1.458 | 1.107 |
| 542.567 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 12.383 | 17.662 | 28.225 | 1842.545 | 2142.871 | 1.457 | 1.106 |
| 542.728 | 1.000 | 14.785 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 12.387 | 17.661 | 28.234 | 1842.201 | 2142.513 | 1.457 | 1.106 |
| 542.829 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 12.393 | 17.662 | 28.247 | 1842.035 | 2142.290 | 1.457 | 1.106 |
| 542.878 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 12.385 | 17.663 | 28.229 | 1841.904 | 2142.071 | 1.457 | 1.106 |
| 542.917 | 1.000 | 14.783 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 12.398 | 17.662 | 28.259 | 1841.974 | 2142.207 | 1.457 | 1.106 |
| 542.896 | 1.000 | 14.772 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 12.399 | 17.661 | 28.262 | 1841.970 | 2142.253 | 1.457 | 1.106 |
| 542.897 | 1.000 | 14.769 | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 12.395 | 17.662 | 28.251 | 1840.123 | 2140.058 | 1.455 | 1.105 |
| 543.442 | 1.000 | 14.772 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 12.390 | 17.662 | 28.240 | 1840.285 | 2140.243 | 1.455 | 1.105 |
| 543.394 | 1.000 | 14.777 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 12.392 | 17.662 | 28.246 | 1839.997 | 2139.942 | 1.455 | 1.105 |
| 543.479 | 1.000 | 14.776 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 12.397 | 17.662 | 28.257 | 1840.140 | 2140.066 | 1.455 | 1.105 |
| 543.437 | 1.000 | 14.769 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 12.400 | 17.663 | 28.264 | 1840.690 | 2140.664 | 1.456 | 1.105 |
| 543.275 | 1.000 | 14.766 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 12.397 | 17.661 | 28.256 | 1840.489 | 2140.526 | 1.456 | 1.105 |
| 543.334 | 1.000 | 14.770 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 12.398 | 17.662 | 28.260 | 1839.758 | 2139.635 | 1.455 | 1.105 |
| 543.550 | 1.000 | 14.767 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 12.391 | 17.663 | 28.244 | 1840.574 | 2140.529 | 1.456 | 1.105 |
| 543.309 | 1.000 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 12.392 | 17.662 | 28.246 | 1840.885 | 2140.948 | 1.456 | 1.105 |
| 543.217 | 1.000 | 14.771 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 12.398 | 17.662 | 28.259 | 1840.690 | 2140.723 | 1.456 | 1.105 |
| 543.274 | 1.000 | 14.766 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 12.393 | 17.662 | 28.247 | 1839.983 | 2139.884 | 1.455 | 1.105 |
| 543.483 | 1.000 | 14.769 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 12.392 | 17.663 | 28.246 | 1840.007 | 2139.874 | 1.455 | 1.105 |
| 543.476 | 1.000 | 14.770 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 12.399 | 17.663 | 28.262 | 1841.188 | 2141.272 | 1.456 | 1.106 |
| 543.128 | 1.000 | 14.762 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 12.402 | 17.663 | 28.267 | 1841.500 | 2141.606 | 1.456 | 1.106 |
| 543.035 | 1.000 | 14.759 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 12.406 | 17.663 | 28.277 | 1841.796 | 2141.971 | 1.457 | 1.106 |
| 542.948 | 1.000 | 14.754 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 12.401 | 17.662 | 28.265 | 1841.582 | 2141.780 | 1.456 | 1.106 |
| 543.011 | 1.000 | 14.757 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 12.396 | 17.662 | 28.254 | 1841.474 | 2141.618 | 1.456 | 1.106 |
| 543.043 | 1.000 | 14.761 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 12.404 | 17.662 | 28.272 | 1840.650 | 2140.684 | 1.456 | 1.105 |
| 543.286 | 1.000 | 14.753 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 12.405 | 17.661 | 28.276 | 1837.680 | 2137.255 | 1.453 | 1.103 |
| 544.164 | 1.000 | 14.749 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 12.409 | 17.662 | 28.284 | 1839.643 | 2139.509 | 1.455 | 1.105 |
| 543.584 | 1.000 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 12.406 | 17.662 | 28.278 | 1840.049 | 2139.968 | 1.455 | 1.105 |
| 543.464 | 1.000 | 14.744 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 12.415 | 17.662 | 28.299 | 1839.822 | 2139.729 | 1.455 | 1.105 |
| 543.531 | 1.000 | 14.733 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 12.407 | 17.662 | 28.279 | 1841.583 | 2141.786 | 1.456 | 1.106 |
| 543.011 | 1.000 | 14.741 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 12.411 | 17.662 | 28.287 | 1841.850 | 2142.063 | 1.457 | 1.106 |
| 542.932 | 1.000 | 14.735 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 12.404 | 17.663 | 28.272 | 1842.051 | 2142.263 | 1.457 | 1.106 |
| 542.873 | 1.000 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 12.403 | 17.663 | 28.271 | 1842.734 | 2143.074 | 1.457 | 1.107 |
| 542.672 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 12.409 | 17.661 | 28.285 | 1842.754 | 2143.177 | 1.457 | 1.107 |
| 542.666 | 1.000 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 12.407 | 17.662 | 28.280 | 1842.196 | 2142.486 | 1.457 | 1.106 |
| 542.830 | 1.000 | 14.734 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 12.398 | 17.662 | 28.260 | 1840.897 | 2140.958 | 1.456 | 1.105 |
| 543.214 | 1.000 | 14.742 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 12.398 | 17.662 | 28.259 | 1839.831 | 2139.727 | 1.455 | 1.105 |
| 543.528 | 1.000 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 12.398 | 17.662 | 28.260 | 1840.442 | 2140.459 | 1.456 | 1.105 |
| 543.348 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 12.402 | 17.663 | 28.267 | 1840.545 | 2140.496 | 1.456 | 1.105 |
| 543.317 | 1.000 | 14.737 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 12.401 | 17.663 | 28.265 | 1842.614 | 2142.923 | 1.457 | 1.106 |
| 542.707 | 1.000 | 14.739 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 12.401 | 17.663 | 28.267 | 1844.367 | 2144.948 | 1.459 | 1.108 |
| 542.191 | 1.000 | 14.737 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 12.397 | 17.662 | 28.256 | 1844.092 | 2144.679 | 1.458 | 1.107 |
| 542.272 | 1.000 | 14.739 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 12.395 | 17.662 | 28.252 | 1844.225 | 2144.813 | 1.458 | 1.108 |
| 542.233 | 1.000 | 14.743 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 12.397 | 17.662 | 28.257 | 1844.376 | 2145.010 | 1.459 | 1.108 |
| 542.189 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 12.391 | 17.663 | 28.244 | 1844.619 | 2145.259 | 1.459 | 1.108 |
| 542.117 | 1.000 | 14.747 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 12.388 | 17.662 | 28.237 | 1843.584 | 2144.067 | 1.458 | 1.107 |
| 542.422 | 1.000 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 12.389 | 17.660 | 28.238 | 1842.337 | 2142.717 | 1.457 | 1.106 |
| 542.789 | 1.000 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 12.389 | 17.662 | 28.237 | 1841.916 | 2142.131 | 1.457 | 1.106 |
| 542.913 | 1.000 | 14.750 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 12.393 | 17.663 | 28.248 | 1842.166 | 2142.406 | 1.457 | 1.106 |
| 542.839 | 1.000 | 14.746 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 12.400 | 17.662 | 28.263 | 1841.579 | 2141.768 | 1.456 | 1.106 |
| 543.012 | 1.000 | 14.743 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 12.399 | 17.662 | 28.261 | 1840.957 | 2141.049 | 1.456 | 1.105 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 543.196 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 12.404 | 17.662 | 28.273 | 1839.869 | 2139.750 | 1.455 | 1.105 |
| 543.517 | 1.000 | 14.733 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 12.408 | 17.662 | 28.283 | 1838.778 | 2138.524 | 1.454 | 1.104 |
| 543.839 | 1.000 | 14.730 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 12.408 | 17.663 | 28.283 | 1838.751 | 2138.438 | 1.454 | 1.104 |
| 543.848 | 1.000 | 14.729 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 12.406 | 17.662 | 28.278 | 1838.988 | 2138.743 | 1.454 | 1.104 |
| 543.777 | 1.000 | 14.730 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 12.417 | 17.662 | 28.301 | 1838.551 | 2138.215 | 1.454 | 1.104 |
| 543.906 | 1.000 | 14.717 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 12.416 | 17.662 | 28.300 | 1838.862 | 2138.617 | 1.454 | 1.104 |
| 543.815 | 1.000 | 14.716 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 12.421 | 17.662 | 28.312 | 1839.603 | 2139.474 | 1.455 | 1.105 |
| 543.596 | 1.000 | 14.707 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 12.427 | 17.662 | 28.325 | 1839.842 | 2139.728 | 1.455 | 1.105 |
| 543.525 | 1.000 | 14.700 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 12.416 | 17.662 | 28.300 | 1839.704 | 2139.592 | 1.455 | 1.105 |
| 543.566 | 1.000 | 14.708 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 12.425 | 17.662 | 28.320 | 1840.427 | 2140.442 | 1.456 | 1.105 |
| 543.352 | 1.000 | 14.696 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 12.422 | 17.663 | 28.313 | 1840.778 | 2140.758 | 1.456 | 1.105 |
| 543.249 | 1.000 | 14.698 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 12.422 | 17.662 | 28.314 | 1840.741 | 2140.773 | 1.456 | 1.105 |
| 543.260 | 1.000 | 14.694 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 12.424 | 17.662 | 28.319 | 1840.743 | 2140.771 | 1.456 | 1.105 |
| 543.259 | 1.000 | 14.689 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 12.434 | 17.663 | 28.341 | 1841.116 | 2141.155 | 1.456 | 1.106 |
| 543.149 | 1.000 | 14.677 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 12.421 | 17.662 | 28.312 | 1841.117 | 2141.227 | 1.456 | 1.106 |
| 543.149 | 1.000 | 14.688 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 12.423 | 17.662 | 28.316 | 1842.248 | 2142.521 | 1.457 | 1.106 |
| 542.815 | 1.000 | 14.683 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 12.422 | 17.663 | 28.313 | 1842.680 | 2142.991 | 1.457 | 1.107 |
| 542.688 | 1.000 | 14.681 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 12.421 | 17.661 | 28.310 | 1841.972 | 2142.255 | 1.457 | 1.106 |
| 542.896 | 1.000 | 14.679 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 12.427 | 17.662 | 28.324 | 1841.596 | 2141.755 | 1.456 | 1.106 |
| 543.007 | 1.000 | 14.671 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 12.429 | 17.662 | 28.330 | 1841.339 | 2141.473 | 1.456 | 1.106 |
| 543.083 | 1.000 | 14.666 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 12.429 | 17.663 | 28.330 | 1840.796 | 2140.803 | 1.456 | 1.105 |
| 543.243 | 1.000 | 14.664 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 12.427 | 17.662 | 28.324 | 1842.400 | 2142.698 | 1.457 | 1.106 |
| 542.770 | 1.000 | 14.663 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 12.421 | 17.663 | 28.312 | 1842.412 | 2142.688 | 1.457 | 1.106 |
| 542.767 | 1.000 | 14.666 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 12.424 | 17.663 | 28.318 | 1841.721 | 2141.875 | 1.456 | 1.106 |
| 542.970 | 1.000 | 14.662 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 12.442 | 17.663 | 28.360 | 1841.699 | 2141.863 | 1.456 | 1.106 |
| 542.977 | 1.000 | 14.640 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 12.433 | 17.663 | 28.338 | 1841.706 | 2141.854 | 1.456 | 1.106 |
| 542.975 | 1.000 | 14.647 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 12.439 | 17.662 | 28.353 | 1841.843 | 2142.067 | 1.457 | 1.106 |
| 542.934 | 1.000 | 14.637 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 12.425 | 17.662 | 28.320 | 1841.783 | 2142.009 | 1.457 | 1.106 |
| 542.952 | 1.000 | 14.649 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 12.423 | 17.662 | 28.316 | 1840.338 | 2140.325 | 1.455 | 1.105 |
| 543.378 | 1.000 | 14.648 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 12.424 | 17.663 | 28.318 | 1841.602 | 2141.716 | 1.456 | 1.106 |
| 543.005 | 1.000 | 14.644 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 12.428 | 17.662 | 28.326 | 1841.765 | 2141.969 | 1.457 | 1.106 |
| 542.957 | 1.000 | 14.638 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 12.426 | 17.661 | 28.322 | 1841.196 | 2141.353 | 1.456 | 1.106 |
| 543.125 | 1.000 | 14.639 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 12.438 | 17.662 | 28.351 | 1841.087 | 2141.175 | 1.456 | 1.106 |
| 543.157 | 1.000 | 14.625 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 12.432 | 17.663 | 28.336 | 1840.651 | 2140.652 | 1.456 | 1.105 |
| 543.286 | 1.000 | 14.628 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 12.441 | 17.662 | 28.357 | 1840.761 | 2140.808 | 1.456 | 1.105 |
| 543.254 | 1.000 | 14.617 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 12.432 | 17.664 | 28.337 | 1841.247 | 2141.291 | 1.456 | 1.106 |
| 543.110 | 1.000 | 14.624 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 12.435 | 17.662 | 28.344 | 1840.879 | 2140.958 | 1.456 | 1.105 |
| 543.219 | 1.000 | 14.617 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 12.435 | 17.661 | 28.344 | 1840.222 | 2140.212 | 1.455 | 1.105 |
| 543.413 | 1.000 | 14.616 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 12.430 | 17.661 | 28.331 | 1840.082 | 2140.049 | 1.455 | 1.105 |
| 543.454 | 1.000 | 14.619 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 12.434 | 17.662 | 28.341 | 1840.899 | 2140.957 | 1.456 | 1.105 |
| 543.213 | 1.000 | 14.607 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 12.432 | 17.663 | 28.337 | 1840.869 | 2140.880 | 1.456 | 1.105 |
| 543.222 | 1.000 | 14.612 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 12.410 | 17.662 | 28.285 | 1840.083 | 2139.996 | 1.455 | 1.105 |
| 543.454 | 1.000 | 14.635 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 12.395 | 17.661 | 28.251 | 1840.959 | 2141.080 | 1.456 | 1.105 |
| 543.195 | 1.000 | 14.649 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 12.398 | 17.663 | 28.258 | 1840.869 | 2140.893 | 1.456 | 1.105 |
| 543.222 | 1.000 | 14.644 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 12.386 | 17.663 | 28.231 | 1840.856 | 2140.861 | 1.456 | 1.105 |
| 543.225 | 1.000 | 14.659 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 12.393 | 17.663 | 28.247 | 1842.495 | 2142.754 | 1.457 | 1.106 |
| 542.742 | 1.000 | 14.652 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 12.406 | 17.662 | 28.278 | 1842.471 | 2142.794 | 1.457 | 1.106 |
| 542.749 | 1.000 | 14.645 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 12.393 | 17.663 | 28.248 | 1842.061 | 2142.254 | 1.457 | 1.106 |
| 542.870 | 1.000 | 14.655 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 12.389 | 17.663 | 28.239 | 1842.110 | 2142.344 | 1.457 | 1.106 |
| 542.856 | 1.000 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 12.390 | 17.662 | 28.240 | 1841.677 | 2141.862 | 1.456 | 1.106 |
| 542.983 | 1.000 | 14.660 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 12.396 | 17.662 | 28.253 | 1841.570 | 2141.725 | 1.456 | 1.106 |
| 543.015 | 1.000 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 12.395 | 17.661 | 28.253 | 1840.948 | 2141.056 | 1.456 | 1.105 |
| 543.198 | 1.000 | 14.657 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 12.393 | 17.662 | 28.246 | 1841.508 | 2141.689 | 1.456 | 1.106 |
| 543.033 | 1.000 | 14.660 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 12.403 | 17.662 | 28.270 | 1841.511 | 2141.660 | 1.456 | 1.106 |
| 543.032 | 1.000 | 14.651 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 12.397 | 17.661 | 28.257 | 1840.997 | 2141.108 | 1.456 | 1.106 |
| 543.184 | 1.000 | 14.657 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 12.394 | 17.662 | 28.249 | 1840.819 | 2140.852 | 1.456 | 1.105 |
| 543.236 | 1.000 | 14.661 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 12.399 | 17.662 | 28.260 | 1840.603 | 2140.641 | 1.456 | 1.105 |
| 543.300 | 1.000 | 14.657 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 12.403 | 17.661 | 28.270 | 1840.685 | 2140.761 | 1.456 | 1.105 |
| 543.276 | 1.000 | 14.652 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 12.394 | 17.661 | 28.251 | 1840.802 | 2140.885 | 1.456 | 1.105 |
| 543.242 | 1.000 | 14.662 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 12.390 | 17.662 | 28.242 | 1840.483 | 2140.473 | 1.456 | 1.105 |
| 543.336 | 1.000 | 14.666 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 12.389 | 17.663 | 28.239 | 1840.419 | 2140.349 | 1.455 | 1.105 |
| 543.354 | 1.000 | 14.669 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 12.394 | 17.662 | 28.250 | 1841.836 | 2142.042 | 1.457 | 1.106 |
| 542.937 | 1.000 | 14.665 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 12.393 | 17.662 | 28.248 | 1842.390 | 2142.708 | 1.457 | 1.106 |
| 542.773 | 1.000 | 14.666 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 12.391 | 17.663 | 28.242 | 1841.203 | 2141.277 | 1.456 | 1.106 |
| 543.123 | 1.000 | 14.671 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 12.391 | 17.662 | 28.243 | 1840.528 | 2140.537 | 1.456 | 1.105 |
| 543.322 | 1.000 | 14.672 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 12.396 | 17.662 | 28.254 | 1841.037 | 2141.142 | 1.456 | 1.106 |
| 543.172 | 1.000 | 14.668 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 3:30:00 AM | 538200.000 | 12.388 | 17.662 | 28.236 | 1840.206 | 2140.163 | 1.455 | 1.105 |
| 543.417 | 1.000 | 14.675 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 12.395 | 17.663 | 28.251 | 1839.882 | 2139.753 | 1.455 | 1.105 |
| 543.513 | 1.000 | 14.671 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 12.391 | 17.661 | 28.242 | 1839.325 | 2139.172 | 1.455 | 1.104 |
| 543.678 | 1.000 | 14.676 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 12.390 | 17.662 | 28.240 | 1839.494 | 2139.315 | 1.455 | 1.105 |
| 543.628 | 1.000 | 14.678 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 12.390 | 17.663 | 28.241 | 1839.693 | 2139.530 | 1.455 | 1.105 |
| 543.569 | 1.000 | 14.679 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 12.391 | 17.662 | 28.242 | 1839.173 | 2138.966 | 1.454 | 1.104 |
| 543.723 | 1.000 | 14.680 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 12.397 | 17.663 | 28.257 | 1837.413 | 2136.886 | 1.453 | 1.103 |
| 544.244 | 1.000 | 14.675 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 12.402 | 17.662 | 28.269 | 1838.746 | 2138.444 | 1.454 | 1.104 |
| 543.849 | 1.000 | 14.669 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 12.401 | 17.662 | 28.267 | 1838.467 | 2138.157 | 1.454 | 1.104 |
| 543.931 | 1.000 | 14.671 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 12.400 | 17.663 | 28.262 | 1837.837 | 2137.359 | 1.453 | 1.103 |
| 544.118 | 1.000 | 14.672 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 12.398 | 17.662 | 28.260 | 1839.310 | 2139.121 | 1.455 | 1.104 |
| 543.682 | 1.000 | 14.673 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 12.394 | 17.662 | 28.250 | 1839.357 | 2139.175 | 1.455 | 1.104 |
| 543.668 | 1.000 | 14.679 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 12.386 | 17.662 | 28.232 | 1839.539 | 2139.400 | 1.455 | 1.105 |
| 543.614 | 1.000 | 14.688 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 12.394 | 17.662 | 28.249 | 1839.144 | 2138.904 | 1.454 | 1.104 |
| 543.731 | 1.000 | 14.681 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 12.395 | 17.662 | 28.252 | 1838.230 | 2137.874 | 1.454 | 1.104 |
| 544.001 | 1.000 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 12.395 | 17.663 | 28.252 | 1840.067 | 2139.943 | 1.455 | 1.105 |
| 543.459 | 1.000 | 14.683 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 12.391 | 17.663 | 28.243 | 1840.028 | 2139.919 | 1.455 | 1.105 |
| 543.470 | 1.000 | 14.687 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 12.389 | 17.662 | 28.239 | 1838.939 | 2138.695 | 1.454 | 1.104 |
| 543.792 | 1.000 | 14.689 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 12.384 | 17.661 | 28.227 | 1838.817 | 2138.594 | 1.454 | 1.104 |
| 543.828 | 1.000 | 14.696 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 12.385 | 17.662 | 28.229 | 1839.684 | 2139.568 | 1.455 | 1.105 |
| 543.572 | 1.000 | 14.698 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 12.380 | 17.661 | 28.218 | 1838.868 | 2138.657 | 1.454 | 1.104 |
| 543.813 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 12.391 | 17.662 | 28.244 | 1838.935 | 2138.698 | 1.454 | 1.104 |
| 543.793 | 1.000 | 14.694 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 12.384 | 17.663 | 28.227 | 1837.690 | 2137.208 | 1.453 | 1.103 |
| 544.162 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 12.386 | 17.662 | 28.231 | 1838.436 | 2138.092 | 1.454 | 1.104 |
| 543.941 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 12.385 | 17.661 | 28.229 | 1840.328 | 2140.335 | 1.455 | 1.105 |
| 543.381 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 12.377 | 17.661 | 28.212 | 1840.435 | 2140.459 | 1.456 | 1.105 |
| 543.350 | 1.000 | 14.714 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 12.385 | 17.663 | 28.228 | 1838.655 | 2138.322 | 1.454 | 1.104 |
| 543.876 | 1.000 | 14.709 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 12.375 | 17.662 | 28.207 | 1839.319 | 2139.124 | 1.455 | 1.104 |
| 543.679 | 1.000 | 14.720 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 12.379 | 17.663 | 28.215 | 1839.563 | 2139.366 | 1.455 | 1.105 |
| 543.607 | 1.000 | 14.719 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 12.374 | 17.663 | 28.205 | 1839.765 | 2139.592 | 1.455 | 1.105 |
| 543.548 | 1.000 | 14.726 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 12.378 | 17.663 | 28.213 | 1840.508 | 2140.481 | 1.456 | 1.105 |
| 543.328 | 1.000 | 14.724 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 12.382 | 17.661 | 28.221 | 1841.201 | 2141.351 | 1.456 | 1.106 |
| 543.124 | 1.000 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 12.385 | 17.663 | 28.228 | 1839.969 | 2139.846 | 1.455 | 1.105 |
| 543.487 | 1.000 | 14.722 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 12.386 | 17.661 | 28.231 | 1840.294 | 2140.311 | 1.455 | 1.105 |
| 543.391 | 1.000 | 14.721 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 12.390 | 17.663 | 28.242 | 1839.915 | 2139.771 | 1.455 | 1.105 |
| 543.503 | 1.000 | 14.719 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 12.395 | 17.663 | 28.252 | 1839.690 | 2139.534 | 1.455 | 1.105 |
| 543.570 | 1.000 | 14.714 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 12.398 | 17.663 | 28.259 | 1841.818 | 2141.976 | 1.457 | 1.106 |
| 542.942 | 1.000 | 14.712 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 12.402 | 17.663 | 28.269 | 1842.555 | 2142.858 | 1.457 | 1.106 |
| 542.724 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 12.403 | 17.662 | 28.270 | 1842.092 | 2142.353 | 1.457 | 1.106 |
| 542.861 | 1.000 | 14.707 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 12.400 | 17.663 | 28.263 | 1841.943 | 2142.151 | 1.457 | 1.106 |
| 542.905 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 12.405 | 17.662 | 28.275 | 1841.911 | 2142.159 | 1.457 | 1.106 |
| 542.914 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 12.405 | 17.663 | 28.274 | 1840.524 | 2140.500 | 1.456 | 1.105 |
| 543.324 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 12.405 | 17.662 | 28.276 | 1841.705 | 2141.894 | 1.456 | 1.106 |
| 542.975 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 12.401 | 17.663 | 28.266 | 1841.648 | 2141.778 | 1.456 | 1.106 |
| 542.992 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 12.400 | 17.662 | 28.263 | 1841.637 | 2141.820 | 1.456 | 1.106 |
| 542.995 | 1.000 | 14.706 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 12.404 | 17.663 | 28.273 | 1842.342 | 2142.584 | 1.457 | 1.106 |
| 542.788 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 12.401 | 17.662 | 28.265 | 1842.675 | 2143.035 | 1.457 | 1.107 |
| 542.689 | 1.000 | 14.706 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 12.398 | 17.662 | 28.258 | 1842.331 | 2142.631 | 1.457 | 1.106 |
| 542.791 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 12.401 | 17.662 | 28.265 | 1842.376 | 2142.687 | 1.457 | 1.106 |
| 542.777 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 12.403 | 17.662 | 28.270 | 1841.966 | 2142.189 | 1.457 | 1.106 |
| 542.898 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 12.406 | 17.663 | 28.278 | 1840.512 | 2140.490 | 1.456 | 1.105 |
| 543.327 | 1.000 | 14.700 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 12.403 | 17.662 | 28.269 | 1840.778 | 2140.841 | 1.456 | 1.105 |
| 543.248 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 12.405 | 17.663 | 28.275 | 1840.167 | 2140.060 | 1.455 | 1.105 |
| 543.429 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 12.396 | 17.664 | 28.255 | 1840.243 | 2140.102 | 1.455 | 1.105 |
| 543.407 | 1.000 | 14.710 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 12.398 | 17.663 | 28.258 | 1840.698 | 2140.698 | 1.456 | 1.105 |
| 543.272 | 1.000 | 14.709 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 12.400 | 17.662 | 28.264 | 1841.465 | 2141.607 | 1.456 | 1.106 |
| 543.046 | 1.000 | 14.707 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 12.402 | 17.662 | 28.268 | 1841.272 | 2141.408 | 1.456 | 1.106 |
| 543.103 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 12.402 | 17.662 | 28.267 | 1841.497 | 2141.653 | 1.456 | 1.106 |
| 543.036 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 12.402 | 17.662 | 28.268 | 1841.097 | 2141.221 | 1.456 | 1.106 |
| 543.154 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 12.399 | 17.662 | 28.262 | 1840.534 | 2140.561 | 1.456 | 1.105 |
| 543.321 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 12.405 | 17.662 | 28.275 | 1839.978 | 2139.874 | 1.455 | 1.105 |
| 543.485 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 12.401 | 17.664 | 28.266 | 1839.986 | 2139.829 | 1.455 | 1.105 |
| 543.482 | 1.000 | 14.706 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 12.402 | 17.664 | 28.267 | 1841.084 | 2141.093 | 1.456 | 1.105 |
| 543.158 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 12.398 | 17.662 | 28.258 | 1841.830 | 2142.048 | 1.457 | 1.106 |
| 542.938 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 12.405 | 17.663 | 28.275 | 1842.187 | 2142.438 | 1.457 | 1.106 |
| 542.833 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 12.404 | 17.662 | 28.272 | 1841.002 | 2141.085 | 1.456 | 1.105 |
| 543.183 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 12.403 | 17.663 | 28.271 | 1842.854 | 2143.214 | 1.457 | 1.107 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 542.637 | 1.000 | 14.706 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 12.402 | 17.662 | 28.269 | 1842.282 | 2142.594 | 1.457 | 1.106 |
| 542.805 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 12.409 | 17.664 | 28.284 | 1841.711 | 2141.835 | 1.456 | 1.106 |
| 542.973 | 1.000 | 14.699 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 12.408 | 17.663 | 28.281 | 1841.829 | 2142.022 | 1.457 | 1.106 |
| 542.938 | 1.000 | 14.700 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 12.413 | 17.663 | 28.294 | 1841.917 | 2142.112 | 1.457 | 1.106 |
| 542.913 | 1.000 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 12.414 | 17.663 | 28.295 | 1841.307 | 2141.394 | 1.456 | 1.106 |
| 543.092 | 1.000 | 14.692 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 12.415 | 17.662 | 28.297 | 1841.425 | 2141.573 | 1.456 | 1.106 |
| 543.058 | 1.000 | 14.691 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 12.409 | 17.662 | 28.283 | 1841.583 | 2141.749 | 1.456 | 1.106 |
| 543.011 | 1.000 | 14.697 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 12.410 | 17.663 | 28.287 | 1840.849 | 2140.840 | 1.456 | 1.105 |
| 543.228 | 1.000 | 14.692 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 12.412 | 17.662 | 28.290 | 1841.677 | 2141.858 | 1.456 | 1.106 |
| 542.983 | 1.000 | 14.691 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 12.412 | 17.662 | 28.292 | 1841.744 | 2141.940 | 1.457 | 1.106 |
| 542.964 | 1.000 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 12.412 | 17.662 | 28.292 | 1843.257 | 2143.703 | 1.458 | 1.107 |
| 542.518 | 1.000 | 14.689 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 12.418 | 17.662 | 28.304 | 1843.144 | 2143.576 | 1.458 | 1.107 |
| 542.551 | 1.000 | 14.681 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 12.414 | 17.662 | 28.295 | 1841.427 | 2141.575 | 1.456 | 1.106 |
| 543.057 | 1.000 | 14.685 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 12.410 | 17.662 | 28.286 | 1841.020 | 2141.106 | 1.456 | 1.106 |
| 543.177 | 1.000 | 14.688 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 12.411 | 17.662 | 28.289 | 1840.985 | 2141.057 | 1.456 | 1.105 |
| 543.187 | 1.000 | 14.686 | | | | | | |

Report Date: 1/16/2017 8:33:15 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-8D LT Test_2017-01-12_16-07-54-497-BaroMerge.wsl
Create Date: 1/16/2017 8:29:56 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-8D
Device Name:
Serial Number: 437552
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 3
Used Battery(%): 0

Log Configuration
Log Name: MPWSP MW-8D LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 1/15/2016 9:12:40 AM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 1/15/2016 9:15:00 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: 1.012

Other Log Settings
Depth of Probe: 335.498 (ft)
Head Pressure: 147.193 (PSI)
Temperature: 20.3696 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 1/15/2016 9:12:50 AM | Used Battery: 0% Used Memory: 6% User Name: KMakar |
| 1/21/2016 8:56:16 AM | Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar |
| 1/28/2016 9:16:30 AM | Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM |
| 2/4/2016 10:13:13 AM | Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 9:15:00 AM Stop Time: 2/4/2016 11:00:00 AM |
| 2/11/2016 10:01:09 AM | Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:00:00 AM |
| 2/18/2016 11:20:41 AM | Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:30:00 AM |
| 2/25/2016 10:47:51 AM | Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM |
| 3/3/2016 12:49:53 PM | Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM |
| 3/10/2016 2:36:57 PM | Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM |
| 3/17/2016 12:30:02 PM | Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:15:00 PM |
| 3/24/2016 8:57:31 AM | Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM |
| 3/31/2016 3:08:14 PM | Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM |
| 4/7/2016 9:35:01 AM | Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:30:00 AM |
| 4/14/2016 3:11:46 PM | Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:15:00 PM |
| 4/21/2016 1:17:44 PM | Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 3:30:00 PM |
| 4/28/2016 8:16:35 AM | Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM |
| 5/5/2016 9:23:19 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM |
| 5/12/2016 10:11:09 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM |
| 5/19/2016 1:55:18 PM | Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:45:00 PM |
| 5/26/2016 9:03:15 AM | Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM |
| 6/2/2016 11:33:27 AM | Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:15:00 PM |
| 6/9/2016 9:31:51 AM | Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:30:00 AM |
| 6/16/2016 11:10:03 AM | Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM |
| 6/23/2016 10:06:21 AM | Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:45:00 AM |
| 7/1/2016 11:40:47 AM | Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 12:15:00 PM |
| 7/8/2016 11:51:05 AM | Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM |
| 7/14/2016 6:06:44 PM | Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM |
| 7/21/2016 10:28:35 AM | Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM |
| 7/21/2016 11:41:45 AM | Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:00:00 PM |
| 7/21/2016 11:47:48 AM | Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:30:00 PM |
| 7/28/2016 6:14:41 PM | Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 7:00:00 PM |
| 8/4/2016 2:52:58 PM | Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:30:00 PM |
| 8/11/2016 10:46:08 AM | Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM |
| 8/18/2016 3:40:06 PM | Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:30:00 PM |
| 8/25/2016 12:20:31 PM | Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:15:00 PM |
| 9/1/2016 4:03:09 PM | Log Download - Used Battery: 12% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:45:00 PM |
| 9/8/2016 6:21:54 PM | Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 7:00:00 PM |
| 9/15/2016 3:08:12 PM | Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 4:00:00 PM |
| 9/22/2016 12:40:49 PM | Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:30:00 PM |
| 10/1/2016 11:26:38 AM | Log Download - Used Battery: 14% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 12:15:00 PM |
| 10/6/2016 12:01:25 PM | Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 12:00:00 PM |
| 10/13/2016 4:23:35 PM | Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 5:00:00 PM |
| 10/20/2016 4:47:15 PM | Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM |
| 10/27/2016 12:38:45 PM | Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:20:00 PM |
| 11/3/2016 3:53:03 PM | Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:45:00 PM |
| 11/11/2016 8:19:19 AM | Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 9:00:00 AM |
| 11/17/2016 3:01:49 PM | Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:45:00 PM |
| 11/24/2016 12:28:37 PM | Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:15:00 PM |
| 12/2/2016 7:56:10 AM | Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 8:30:00 AM |
| 12/9/2016 9:28:10 AM | Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 10:00:00 AM |
| 12/15/2016 3:19:50 PM | Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 4:00:00 PM |
| 12/22/2016 12:03:16 PM | Log Download - Used Battery: 18% Used Memory: 42% 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 10:13:30 AM | Log Download - Used Battery: 19% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 10:00:00 AM |
| 1/12/2017 4:07:51 PM | Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 4:45:00 PM |
| 1/16/2017 8:29:56 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 745
Sensors: 2
1 - 437552: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| | | Sensor: PCTD(A) 658.7ft SN#: 437552 | Sensor: PCTD(A) 658.7ft SN#: 437552 | Sensor: PCTD(A) 658.7ft SN#: 437552 | Sensor: PCTD(A) 658.7ft SN#: 437552 | Sensor: PCTD(A) 658.7ft SN#: 437552 | Sensor: PCTD(A) 658.7ft SN#: 437552 | Sensor: PCTD(A) 658.7ft SN#: 437552 | Sensor: PCTD(A) 658.7ft SN#: 437552 | Sensor: Baro-Adj Calc SN#: 000000 |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | Corrected Depth (ft) | |

| (ppm) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 133.122 | 20.369 | 303.426 | 12505.442 | 13719.023 | 8.017 | 9328.937 |
| 79.965 | 1.004 | 14.703 | | | | | | |
| 1/5/2017 12:15:00 AM | 8100.000 | 133.126 | 20.374 | 303.436 | 12506.376 | 13718.440 | 8.017 | 9328.541 |
| 79.959 | 1.004 | 14.710 | | | | | | |
| 1/5/2017 12:30:00 AM | 9000.000 | 133.146 | 20.384 | 303.480 | 12510.574 | 13720.109 | 8.018 | 9329.676 |
| 79.932 | 1.004 | 14.713 | | | | | | |
| 1/5/2017 12:45:00 AM | 9900.000 | 133.126 | 20.375 | 303.435 | 12507.975 | 13719.944 | 8.018 | 9329.563 |
| 79.949 | 1.004 | 14.717 | | | | | | |
| 1/5/2017 1:00:00 AM | 10800.000 | 133.123 | 20.364 | 303.430 | 12499.087 | 13713.404 | 8.014 | 9325.115 |
| 80.006 | 1.004 | 14.716 | | | | | | |
| 1/5/2017 1:15:00 AM | 11700.000 | 133.133 | 20.387 | 303.452 | 12507.752 | 13716.363 | 8.016 | 9327.128 |
| 79.950 | 1.004 | 14.714 | | | | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 133.142 | 20.373 | 303.472 | 12504.177 | 13716.278 | 8.016 | 9327.070 |
| 79.973 | 1.004 | 14.717 | | | | | | |
| 1/5/2017 1:45:00 AM | 13500.000 | 133.147 | 20.375 | 303.483 | 12504.767 | 13716.550 | 8.016 | 9327.254 |
| 79.970 | 1.004 | 14.720 | | | | | | |
| 1/5/2017 2:00:00 AM | 14400.000 | 133.184 | 20.378 | 303.568 | 12507.837 | 13719.065 | 8.017 | 9328.965 |
| 79.950 | 1.004 | 14.723 | | | | | | |
| 1/5/2017 2:15:00 AM | 15300.000 | 133.164 | 20.383 | 303.521 | 12504.388 | 13713.701 | 8.014 | 9325.317 |
| 79.972 | 1.004 | 14.718 | | | | | | |
| 1/5/2017 2:30:00 AM | 16200.000 | 133.204 | 20.369 | 303.614 | 12505.758 | 13719.142 | 8.017 | 9329.017 |
| 79.963 | 1.004 | 14.718 | | | | | | |
| 1/5/2017 2:45:00 AM | 17100.000 | 133.207 | 20.381 | 303.621 | 12506.178 | 13716.291 | 8.016 | 9327.079 |
| 79.960 | 1.004 | 14.721 | | | | | | |
| 1/5/2017 3:00:00 AM | 18000.000 | 133.184 | 20.381 | 303.567 | 12501.271 | 13710.787 | 8.012 | 9323.336 |
| 79.992 | 1.004 | 14.724 | | | | | | |
| 1/5/2017 3:15:00 AM | 18900.000 | 133.197 | 20.373 | 303.596 | 12503.105 | 13715.103 | 8.015 | 9326.271 |
| 79.980 | 1.004 | 14.718 | | | | | | |
| 1/5/2017 3:30:00 AM | 19800.000 | 133.207 | 20.383 | 303.620 | 12504.457 | 13713.727 | 8.014 | 9325.335 |
| 79.971 | 1.004 | 14.721 | | | | | | |
| 1/5/2017 3:45:00 AM | 20700.000 | 133.199 | 20.376 | 303.602 | 12504.221 | 13715.548 | 8.015 | 9326.572 |
| 79.973 | 1.004 | 14.722 | | | | | | |
| 1/5/2017 4:00:00 AM | 21600.000 | 133.245 | 20.384 | 303.706 | 12504.019 | 13713.170 | 8.014 | 9324.957 |
| 79.974 | 1.004 | 14.720 | | | | | | |
| 1/5/2017 4:15:00 AM | 22500.000 | 133.228 | 20.379 | 303.667 | 12503.897 | 13714.420 | 8.014 | 9325.806 |
| 79.975 | 1.004 | 14.717 | | | | | | |
| 1/5/2017 4:30:00 AM | 23400.000 | 133.234 | 20.372 | 303.680 | 12500.402 | 13712.615 | 8.013 | 9324.578 |
| 79.997 | 1.004 | 14.725 | | | | | | |
| 1/5/2017 4:45:00 AM | 24300.000 | 133.239 | 20.377 | 303.694 | 12501.580 | 13712.452 | 8.013 | 9324.469 |
| 79.990 | 1.004 | 14.722 | | | | | | |
| 1/5/2017 5:00:00 AM | 25200.000 | 133.254 | 20.364 | 303.727 | 12500.199 | 13714.701 | 8.015 | 9325.997 |
| 79.999 | 1.004 | 14.707 | | | | | | |
| 1/5/2017 5:15:00 AM | 26100.000 | 133.242 | 20.390 | 303.699 | 12506.441 | 13713.973 | 8.014 | 9325.502 |
| 79.959 | 1.004 | 14.722 | | | | | | |
| 1/5/2017 5:30:00 AM | 27000.000 | 133.248 | 20.393 | 303.712 | 12501.638 | 13707.877 | 8.010 | 9321.356 |
| 79.990 | 1.004 | 14.718 | | | | | | |
| 1/5/2017 5:45:00 AM | 27900.000 | 133.254 | 20.384 | 303.727 | 12506.372 | 13715.527 | 8.015 | 9326.559 |
| 79.959 | 1.004 | 14.722 | | | | | | |
| 1/5/2017 6:00:00 AM | 28800.000 | 133.267 | 20.389 | 303.757 | 12504.153 | 13711.889 | 8.013 | 9324.084 |
| 79.973 | 1.004 | 14.720 | | | | | | |
| 1/5/2017 6:15:00 AM | 29700.000 | 133.268 | 20.380 | 303.760 | 12504.650 | 13714.792 | 8.015 | 9326.060 |
| 79.970 | 1.004 | 14.728 | | | | | | |
| 1/5/2017 6:30:00 AM | 30600.000 | 133.285 | 20.372 | 303.797 | 12499.863 | 13711.797 | 8.013 | 9324.023 |
| 80.001 | 1.004 | 14.723 | | | | | | |
| 1/5/2017 6:45:00 AM | 31500.000 | 133.275 | 20.365 | 303.776 | 12497.846 | 13711.615 | 8.013 | 9323.899 |
| 80.014 | 1.004 | 14.733 | | | | | | |
| 1/5/2017 7:00:00 AM | 32400.000 | 133.274 | 20.374 | 303.773 | 12501.471 | 13712.985 | 8.014 | 9324.830 |
| 79.991 | 1.004 | 14.736 | | | | | | |
| 1/5/2017 7:15:00 AM | 33300.000 | 133.279 | 20.388 | 303.783 | 12505.009 | 13712.928 | 8.014 | 9324.792 |
| 79.968 | 1.004 | 14.735 | | | | | | |
| 1/5/2017 7:30:00 AM | 34200.000 | 133.273 | 20.385 | 303.770 | 12503.871 | 13712.585 | 8.013 | 9324.559 |
| 79.975 | 1.004 | 14.730 | | | | | | |
| 1/5/2017 7:45:00 AM | 35100.000 | 133.275 | 20.371 | 303.774 | 12499.995 | 13712.393 | 8.013 | 9324.428 |
| 80.000 | 1.004 | 14.731 | | | | | | |
| 1/5/2017 8:00:00 AM | 36000.000 | 133.275 | 20.380 | 303.774 | 12502.300 | 13712.339 | 8.013 | 9324.392 |
| 79.985 | 1.004 | 14.737 | | | | | | |
| 1/5/2017 8:15:00 AM | 36900.000 | 133.272 | 20.373 | 303.769 | 12498.869 | 13710.430 | 8.012 | 9323.094 |
| 80.007 | 1.004 | 14.739 | | | | | | |
| 1/5/2017 8:30:00 AM | 37800.000 | 133.267 | 20.367 | 303.757 | 12497.773 | 13711.161 | 8.012 | 9323.590 |
| 80.014 | 1.004 | 14.745 | | | | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 133.264 | 20.368 | 303.750 | 12493.456 | 13705.976 | 8.009 | 9320.063 |
| 80.042 | 1.004 | 14.750 | | | | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 133.254 | 20.378 | 303.727 | 12494.389 | 13704.190 | 8.008 | 9318.851 |
| 80.036 | 1.004 | 14.747 | | | | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 133.253 | 20.369 | 303.725 | 12497.728 | 13710.332 | 8.012 | 9323.026 |
| 80.015 | 1.004 | 14.760 | | | | | | |
| 1/5/2017 9:30:00 AM | 41400.000 | 133.249 | 20.372 | 303.716 | 12495.930 | 13707.659 | 8.010 | 9321.208 |
| 80.026 | 1.004 | 14.750 | | | | | | |
| 1/5/2017 9:45:00 AM | 42300.000 | 133.243 | 20.387 | 303.703 | 12498.306 | 13705.778 | 8.009 | 9319.930 |
| 80.011 | 1.004 | 14.758 | | | | | | |
| 1/5/2017 10:00:00 AM | 43200.000 | 133.275 | 20.378 | 303.774 | 12498.664 | 13708.805 | 8.011 | 9321.988 |
| 80.009 | 1.004 | 14.757 | | | | | | |
| 1/5/2017 10:15:00 AM | 44100.000 | 133.230 | 20.377 | 303.671 | 12497.960 | 13708.407 | 8.011 | 9321.717 |
| 80.013 | 1.004 | 14.757 | | | | | | |
| 1/5/2017 10:30:00 AM | 45000.000 | 133.225 | 20.377 | 303.661 | 12495.466 | 13705.570 | 8.009 | 9319.789 |
| 80.029 | 1.004 | 14.758 | | | | | | |
| 1/5/2017 10:45:00 AM | 45900.000 | 133.222 | 20.370 | 303.654 | 12493.834 | 13705.984 | 8.009 | 9320.069 |
| 80.039 | 1.004 | 14.758 | | | | | | |
| 1/5/2017 11:00:00 AM | 46800.000 | 133.224 | 20.367 | 303.658 | 12488.632 | 13701.058 | 8.006 | 9316.720 |
| 80.073 | 1.004 | 14.746 | | | | | | |
| 1/5/2017 11:15:00 AM | 47700.000 | 133.223 | 20.377 | 303.656 | 12492.104 | 13702.108 | 8.007 | 9317.435 |
| 80.051 | 1.004 | 14.751 | | | | | | |
| 1/5/2017 11:30:00 AM | 48600.000 | 133.212 | 20.380 | 303.631 | 12490.874 | 13699.759 | 8.005 | 9315.836 |
| 80.058 | 1.004 | 14.757 | | | | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 133.208 | 20.393 | 303.621 | 12496.816 | 13702.591 | 8.007 | 9317.763 |
| 80.020 | 1.004 | 14.750 | | | | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 133.217 | 20.388 | 303.643 | 12493.729 | 13700.583 | 8.006 | 9316.396 |
| 80.040 | 1.004 | 14.745 | | | | | | |
| 1/5/2017 12:15:00 PM | 51300.000 | 133.209 | 20.371 | 303.625 | 12489.017 | 13700.302 | 8.005 | 9316.206 |
| 80.070 | 1.004 | 14.749 | | | | | | |
| 1/5/2017 12:30:00 PM | 52200.000 | 133.209 | 20.378 | 303.625 | 12490.780 | 13700.331 | 8.006 | 9316.226 |
| 80.059 | 1.004 | 14.748 | | | | | | |
| 1/5/2017 12:45:00 PM | 53100.000 | 133.213 | 20.370 | 303.634 | 12488.782 | 13700.370 | 8.006 | 9316.253 |
| 80.072 | 1.004 | 14.742 | | | | | | |
| 1/5/2017 1:00:00 PM | 54000.000 | 133.243 | 20.375 | 303.701 | 12486.596 | 13696.494 | 8.003 | 9313.617 |
| 80.086 | 1.004 | 14.742 | | | | | | |
| 1/5/2017 1:15:00 PM | 54900.000 | 133.208 | 20.375 | 303.622 | 12482.857 | 13692.443 | 8.001 | 9310.861 |
| 80.110 | 1.004 | 14.736 | | | | | | |
| 1/5/2017 1:30:00 PM | 55800.000 | 133.211 | 20.371 | 303.630 | 12483.232 | 13693.908 | 8.001 | 9311.858 |
| 80.107 | 1.004 | 14.736 | | | | | | |
| 1/5/2017 1:45:00 PM | 56700.000 | 133.211 | 20.370 | 303.630 | 12481.448 | 13692.373 | 8.000 | 9310.813 |
| 80.119 | 1.004 | 14.740 | | | | | | |
| 1/5/2017 2:00:00 PM | 57600.000 | 133.206 | 20.388 | 303.618 | 12487.649 | 13693.817 | 8.001 | 9311.796 |
| 80.079 | 1.004 | 14.744 | | | | | | |
| 1/5/2017 2:15:00 PM | 58500.000 | 133.210 | 20.370 | 303.626 | 12481.599 | 13692.362 | 8.000 | 9310.808 |
| 80.118 | 1.004 | 14.741 | | | | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 133.206 | 20.371 | 303.618 | 12475.964 | 13685.857 | 7.996 | 9306.383 |
| 80.154 | 1.004 | 14.739 | | | | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 133.226 | 20.386 | 303.663 | 12486.551 | 13693.189 | 8.001 | 9311.370 |
| 80.086 | 1.004 | 14.738 | | | | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 133.216 | 20.377 | 303.641 | 12480.345 | 13689.185 | 7.998 | 9308.646 |
| 80.126 | 1.004 | 14.741 | | | | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 133.219 | 20.384 | 303.647 | 12476.396 | 13682.627 | 7.994 | 9304.187 |
| 80.151 | 1.004 | 14.740 | | | | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 133.253 | 20.385 | 303.724 | 12476.172 | 13682.282 | 7.994 | 9303.952 |
| 80.153 | 1.004 | 14.739 | | | | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 133.217 | 20.371 | 303.644 | 12475.325 | 13685.157 | 7.996 | 9305.907 |
| 80.158 | 1.004 | 14.740 | | | | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 133.218 | 20.372 | 303.645 | 12474.869 | 13684.508 | 7.996 | 9305.467 |
| 80.161 | 1.004 | 14.741 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 4:15:00 PM | 65700.000 | 133.224 | 20.370 | 303.658 | 12470.065 | 13679.862 | 7.993 | 9302.307 |
| 80.192 | 1.004 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 133.234 | 20.367 | 303.682 | 12472.610 | 13683.428 | 7.995 | 9304.732 |
| 80.176 | 1.004 | 14.745 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 133.224 | 20.368 | 303.659 | 12468.507 | 13678.753 | 7.992 | 9301.552 |
| 80.202 | 1.004 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 133.226 | 20.384 | 303.662 | 12470.964 | 13676.822 | 7.991 | 9300.239 |
| 80.186 | 1.004 | 14.749 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 133.263 | 20.378 | 303.748 | 12468.643 | 13675.850 | 7.990 | 9299.579 |
| 80.201 | 1.004 | 14.751 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 133.228 | 20.373 | 303.668 | 12468.415 | 13677.075 | 7.991 | 9300.411 |
| 80.203 | 1.004 | 14.753 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 133.233 | 20.376 | 303.679 | 12462.693 | 13669.974 | 7.986 | 9295.583 |
| 80.239 | 1.004 | 14.751 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 133.235 | 20.364 | 303.683 | 12459.366 | 13669.849 | 7.986 | 9295.498 |
| 80.261 | 1.004 | 14.745 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 133.258 | 20.365 | 303.735 | 12462.510 | 13672.950 | 7.988 | 9297.606 |
| 80.241 | 1.004 | 14.755 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 133.235 | 20.384 | 303.683 | 12467.668 | 13673.104 | 7.988 | 9297.711 |
| 80.207 | 1.004 | 14.748 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 133.221 | 20.381 | 303.651 | 12461.893 | 13667.646 | 7.985 | 9294.001 |
| 80.245 | 1.004 | 14.761 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 133.224 | 20.370 | 303.658 | 12466.351 | 13675.811 | 7.990 | 9299.552 |
| 80.216 | 1.004 | 14.759 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 133.211 | 20.378 | 303.630 | 12467.387 | 13674.598 | 7.989 | 9298.727 |
| 80.209 | 1.004 | 14.757 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 133.213 | 20.383 | 303.633 | 12467.555 | 13673.404 | 7.989 | 9297.915 |
| 80.208 | 1.004 | 14.760 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 133.214 | 20.380 | 303.637 | 12463.132 | 13669.480 | 7.986 | 9295.247 |
| 80.237 | 1.004 | 14.756 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 133.205 | 20.387 | 303.615 | 12467.195 | 13671.888 | 7.988 | 9296.885 |
| 80.211 | 1.004 | 14.758 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 133.203 | 20.393 | 303.610 | 12466.124 | 13668.839 | 7.986 | 9294.812 |
| 80.217 | 1.004 | 14.763 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 133.204 | 20.386 | 303.614 | 12463.906 | 13668.453 | 7.985 | 9294.548 |
| 80.232 | 1.004 | 14.759 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 133.194 | 20.369 | 303.591 | 12461.024 | 13670.092 | 7.986 | 9295.663 |
| 80.250 | 1.004 | 14.763 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 133.188 | 20.365 | 303.575 | 12456.469 | 13666.421 | 7.984 | 9293.166 |
| 80.280 | 1.004 | 14.769 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 133.189 | 20.368 | 303.578 | 12453.474 | 13662.185 | 7.981 | 9290.286 |
| 80.299 | 1.004 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 133.187 | 20.371 | 303.575 | 12454.109 | 13662.157 | 7.981 | 9290.267 |
| 80.295 | 1.004 | 14.767 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 133.167 | 20.387 | 303.530 | 12456.143 | 13659.690 | 7.980 | 9288.591 |
| 80.282 | 1.004 | 14.778 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 133.171 | 20.370 | 303.538 | 12456.059 | 13664.448 | 7.983 | 9291.825 |
| 80.282 | 1.004 | 14.773 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 133.169 | 20.376 | 303.533 | 12456.127 | 13662.920 | 7.982 | 9290.787 |
| 80.282 | 1.004 | 14.775 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 133.177 | 20.379 | 303.552 | 12454.874 | 13660.626 | 7.980 | 9289.226 |
| 80.290 | 1.004 | 14.768 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 133.170 | 20.367 | 303.536 | 12451.816 | 13660.792 | 7.981 | 9289.339 |
| 80.310 | 1.004 | 14.764 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 133.148 | 20.375 | 303.486 | 12451.959 | 13658.427 | 7.979 | 9287.731 |
| 80.309 | 1.004 | 14.773 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 133.164 | 20.385 | 303.522 | 12453.189 | 13657.104 | 7.978 | 9286.832 |
| 80.301 | 1.004 | 14.764 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 133.149 | 20.368 | 303.488 | 12451.411 | 13660.022 | 7.980 | 9288.815 |
| 80.312 | 1.004 | 14.770 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 133.144 | 20.370 | 303.476 | 12451.551 | 13659.625 | 7.980 | 9288.546 |
| 80.311 | 1.004 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 133.148 | 20.368 | 303.486 | 12445.498 | 13653.363 | 7.976 | 9284.287 |
| 80.350 | 1.004 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 133.148 | 20.369 | 303.486 | 12446.295 | 13653.885 | 7.976 | 9284.643 |
| 80.345 | 1.004 | 14.770 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 133.144 | 20.386 | 303.477 | 12451.263 | 13654.588 | 7.977 | 9285.121 |
| 80.313 | 1.004 | 14.772 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 133.152 | 20.376 | 303.494 | 12446.266 | 13652.056 | 7.975 | 9283.397 |
| 80.345 | 1.004 | 14.768 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 133.153 | 20.372 | 303.497 | 12448.999 | 13656.178 | 7.978 | 9286.201 |
| 80.328 | 1.004 | 14.772 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 133.159 | 20.361 | 303.512 | 12441.888 | 13651.372 | 7.975 | 9282.934 |
| 80.374 | 1.004 | 14.769 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 133.143 | 20.376 | 303.474 | 12447.196 | 13652.901 | 7.976 | 9283.973 |
| 80.339 | 1.004 | 14.772 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 133.166 | 20.365 | 303.526 | 12438.299 | 13646.462 | 7.971 | 9279.595 |
| 80.397 | 1.004 | 14.770 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 133.177 | 20.367 | 303.552 | 12437.331 | 13644.800 | 7.970 | 9278.464 |
| 80.403 | 1.004 | 14.765 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 133.171 | 20.387 | 303.538 | 12446.296 | 13648.868 | 7.973 | 9281.230 |
| 80.345 | 1.004 | 14.771 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 133.190 | 20.368 | 303.582 | 12441.216 | 13648.813 | 7.973 | 9281.193 |
| 80.378 | 1.004 | 14.765 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 133.196 | 20.367 | 303.595 | 12439.793 | 13647.527 | 7.972 | 9280.319 |
| 80.387 | 1.004 | 14.776 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 133.192 | 20.373 | 303.586 | 12440.947 | 13646.869 | 7.972 | 9279.872 |
| 80.380 | 1.004 | 14.769 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 133.213 | 20.368 | 303.634 | 12439.238 | 13646.495 | 7.971 | 9279.617 |
| 80.391 | 1.004 | 14.767 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 133.211 | 20.381 | 303.629 | 12444.085 | 13648.068 | 7.973 | 9280.688 |
| 80.359 | 1.004 | 14.769 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 133.218 | 20.378 | 303.645 | 12438.487 | 13642.825 | 7.969 | 9277.121 |
| 80.396 | 1.004 | 14.774 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 133.232 | 20.376 | 303.677 | 12436.512 | 13641.356 | 7.968 | 9276.122 |
| 80.408 | 1.004 | 14.769 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 133.242 | 20.377 | 303.699 | 12440.081 | 13644.898 | 7.971 | 9278.532 |
| 80.385 | 1.004 | 14.763 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 133.249 | 20.375 | 303.716 | 12438.271 | 13643.586 | 7.970 | 9277.640 |
| 80.397 | 1.004 | 14.765 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 133.257 | 20.375 | 303.734 | 12440.134 | 13645.430 | 7.971 | 9278.894 |
| 80.385 | 1.004 | 14.763 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 133.273 | 20.371 | 303.770 | 12438.418 | 13644.818 | 7.970 | 9278.477 |
| 80.396 | 1.004 | 14.759 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 133.273 | 20.365 | 303.770 | 12439.818 | 13648.080 | 7.972 | 9280.695 |
| 80.387 | 1.004 | 14.768 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 133.312 | 20.376 | 303.860 | 12441.100 | 13646.413 | 7.971 | 9279.562 |
| 80.379 | 1.004 | 14.769 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 133.311 | 20.372 | 303.857 | 12437.672 | 13643.728 | 7.970 | 9277.734 |
| 80.401 | 1.004 | 14.771 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 133.283 | 20.382 | 303.792 | 12441.389 | 13644.832 | 7.971 | 9278.487 |
| 80.377 | 1.004 | 14.767 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 133.297 | 20.371 | 303.824 | 12435.720 | 13641.734 | 7.969 | 9276.381 |
| 80.414 | 1.004 | 14.770 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 133.301 | 20.365 | 303.834 | 12434.132 | 13641.713 | 7.968 | 9276.365 |
| 80.424 | 1.004 | 14.767 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 133.318 | 20.376 | 303.873 | 12437.383 | 13642.187 | 7.969 | 9276.687 |
| 80.403 | 1.004 | 14.766 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 133.312 | 20.379 | 303.859 | 12437.191 | 13641.256 | 7.968 | 9276.055 |
| 80.404 | 1.004 | 14.773 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 133.318 | 20.380 | 303.872 | 12439.530 | 13643.544 | 7.970 | 9277.610 |
| 80.389 | 1.004 | 14.771 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 133.309 | 20.371 | 303.853 | 12433.116 | 13638.931 | 7.967 | 9274.474 |
| 80.430 | 1.004 | 14.774 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 133.315 | 20.388 | 303.867 | 12434.417 | 13635.594 | 7.965 | 9272.204 |
| 80.422 | 1.004 | 14.778 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 133.313 | 20.389 | 303.861 | 12440.902 | 13642.478 | 7.969 | 9276.885 |
| 80.380 | 1.004 | 14.774 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 133.306 | 20.392 | 303.846 | 12438.826 | 13639.229 | 7.967 | 9274.677 |
| 80.393 | 1.004 | 14.777 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 133.306 | 20.387 | 303.846 | 12439.022 | 13640.817 | 7.968 | 9275.756 |
| 80.392 | 1.004 | 14.780 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 133.298 | 20.372 | 303.828 | 12432.469 | 13637.971 | 7.966 | 9273.821 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 80.435 | 1.004 | 14.786 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 133.307 | 20.383 | 303.848 | 12435.046 | 13637.678 | 7.966 | 9273.621 |
| 80.418 | 1.004 | 14.783 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 133.297 | 20.377 | 303.825 | 12433.669 | 13637.865 | 7.966 | 9273.748 |
| 80.427 | 1.004 | 14.782 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 133.307 | 20.377 | 303.848 | 12429.478 | 13633.216 | 7.963 | 9270.587 |
| 80.454 | 1.004 | 14.784 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 133.295 | 20.373 | 303.821 | 12428.685 | 13633.667 | 7.963 | 9270.895 |
| 80.459 | 1.004 | 14.790 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 133.312 | 20.366 | 303.859 | 12427.049 | 13633.868 | 7.964 | 9271.030 |
| 80.470 | 1.004 | 14.785 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 133.279 | 20.366 | 303.784 | 12424.758 | 13631.154 | 7.962 | 9269.186 |
| 80.484 | 1.004 | 14.784 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 133.279 | 20.366 | 303.783 | 12425.240 | 13631.860 | 7.962 | 9269.666 |
| 80.481 | 1.004 | 14.780 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 133.278 | 20.367 | 303.781 | 12424.036 | 13630.215 | 7.961 | 9268.546 |
| 80.489 | 1.004 | 14.774 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 133.256 | 20.378 | 303.732 | 12426.034 | 13629.341 | 7.961 | 9267.953 |
| 80.476 | 1.004 | 14.778 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 133.253 | 20.389 | 303.724 | 12428.153 | 13628.427 | 7.960 | 9267.330 |
| 80.462 | 1.004 | 14.780 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 133.256 | 20.378 | 303.732 | 12427.435 | 13630.652 | 7.962 | 9268.845 |
| 80.467 | 1.004 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 133.236 | 20.384 | 303.685 | 12426.831 | 13628.396 | 7.960 | 9267.311 |
| 80.471 | 1.004 | 14.769 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 133.232 | 20.379 | 303.676 | 12426.228 | 13629.206 | 7.961 | 9267.860 |
| 80.475 | 1.004 | 14.767 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 133.232 | 20.379 | 303.677 | 12428.038 | 13631.216 | 7.962 | 9269.227 |
| 80.463 | 1.004 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 133.231 | 20.373 | 303.675 | 12421.048 | 13625.091 | 7.958 | 9265.063 |
| 80.509 | 1.004 | 14.762 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 133.221 | 20.367 | 303.652 | 12418.881 | 13624.633 | 7.958 | 9264.750 |
| 80.523 | 1.004 | 14.763 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 133.219 | 20.373 | 303.648 | 12419.918 | 13624.076 | 7.957 | 9264.373 |
| 80.516 | 1.004 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 133.215 | 20.379 | 303.638 | 12419.242 | 13621.568 | 7.956 | 9262.668 |
| 80.520 | 1.004 | 14.757 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 133.209 | 20.376 | 303.624 | 12419.314 | 13622.393 | 7.956 | 9263.228 |
| 80.520 | 1.004 | 14.750 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 133.214 | 20.374 | 303.636 | 12415.339 | 13618.604 | 7.954 | 9260.651 |
| 80.546 | 1.004 | 14.752 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 133.203 | 20.376 | 303.612 | 12413.315 | 13615.913 | 7.952 | 9258.821 |
| 80.559 | 1.004 | 14.744 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 133.213 | 20.371 | 303.633 | 12411.798 | 13615.545 | 7.952 | 9258.570 |
| 80.569 | 1.004 | 14.737 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 133.221 | 20.376 | 303.652 | 12409.222 | 13611.273 | 7.949 | 9255.667 |
| 80.585 | 1.004 | 14.732 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 133.247 | 20.376 | 303.710 | 12411.485 | 13613.705 | 7.951 | 9257.319 |
| 80.571 | 1.004 | 14.739 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 133.210 | 20.388 | 303.627 | 12416.714 | 13616.256 | 7.953 | 9259.054 |
| 80.537 | 1.004 | 14.736 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 133.208 | 20.395 | 303.622 | 12418.038 | 13615.688 | 7.952 | 9258.668 |
| 80.528 | 1.004 | 14.739 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 133.237 | 20.397 | 303.689 | 12419.483 | 13616.676 | 7.953 | 9259.340 |
| 80.519 | 1.004 | 14.744 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 133.215 | 20.391 | 303.638 | 12419.026 | 13617.821 | 7.954 | 9260.118 |
| 80.522 | 1.004 | 14.748 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 133.218 | 20.384 | 303.646 | 12412.834 | 13613.071 | 7.950 | 9256.890 |
| 80.562 | 1.004 | 14.745 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 133.221 | 20.373 | 303.652 | 12408.015 | 13610.969 | 7.949 | 9255.460 |
| 80.593 | 1.004 | 14.741 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 133.251 | 20.370 | 303.719 | 12405.148 | 13608.496 | 7.948 | 9253.777 |
| 80.612 | 1.004 | 14.744 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 133.211 | 20.384 | 303.628 | 12407.391 | 13607.076 | 7.947 | 9252.813 |
| 80.597 | 1.004 | 14.748 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 133.219 | 20.384 | 303.646 | 12406.307 | 13605.737 | 7.946 | 9251.901 |
| 80.604 | 1.004 | 14.749 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 133.241 | 20.378 | 303.698 | 12403.535 | 13604.563 | 7.945 | 9251.104 |
| 80.622 | 1.004 | 14.738 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 133.226 | 20.373 | 303.664 | 12403.703 | 13606.289 | 7.946 | 9252.276 |
| 80.621 | 1.004 | 14.749 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 133.237 | 20.370 | 303.688 | 12398.839 | 13601.677 | 7.943 | 9249.141 |
| 80.653 | 1.004 | 14.744 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 133.241 | 20.371 | 303.697 | 12396.166 | 13598.345 | 7.941 | 9246.875 |
| 80.670 | 1.004 | 14.742 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 133.234 | 20.367 | 303.682 | 12398.546 | 13602.200 | 7.944 | 9249.496 |
| 80.655 | 1.004 | 14.747 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 133.235 | 20.367 | 303.684 | 12394.216 | 13597.398 | 7.940 | 9246.232 |
| 80.683 | 1.004 | 14.748 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 133.245 | 20.368 | 303.707 | 12394.260 | 13597.250 | 7.940 | 9246.130 |
| 80.683 | 1.004 | 14.751 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 133.242 | 20.376 | 303.699 | 12397.028 | 13597.899 | 7.941 | 9246.571 |
| 80.664 | 1.004 | 14.749 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 133.225 | 20.394 | 303.661 | 12401.080 | 13597.319 | 7.941 | 9246.178 |
| 80.638 | 1.004 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 133.238 | 20.393 | 303.691 | 12399.583 | 13595.878 | 7.940 | 9245.197 |
| 80.648 | 1.004 | 14.755 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 133.236 | 20.388 | 303.686 | 12400.016 | 13597.793 | 7.941 | 9246.499 |
| 80.645 | 1.004 | 14.753 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 133.240 | 20.379 | 303.695 | 12394.793 | 13594.650 | 7.939 | 9244.363 |
| 80.679 | 1.004 | 14.756 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 133.239 | 20.373 | 303.693 | 12393.104 | 13594.465 | 7.939 | 9244.237 |
| 80.690 | 1.004 | 14.749 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 133.235 | 20.386 | 303.683 | 12397.971 | 13596.050 | 7.940 | 9245.313 |
| 80.658 | 1.004 | 14.754 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 133.228 | 20.387 | 303.667 | 12397.055 | 13594.770 | 7.939 | 9244.444 |
| 80.664 | 1.004 | 14.749 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 133.235 | 20.380 | 303.683 | 12394.861 | 13594.401 | 7.939 | 9244.194 |
| 80.679 | 1.004 | 14.744 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 133.231 | 20.377 | 303.676 | 12395.004 | 13595.527 | 7.939 | 9244.960 |
| 80.678 | 1.004 | 14.748 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 133.230 | 20.368 | 303.673 | 12390.882 | 13593.494 | 7.938 | 9243.577 |
| 80.705 | 1.004 | 14.743 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 133.227 | 20.381 | 303.666 | 12391.223 | 13590.092 | 7.936 | 9241.264 |
| 80.702 | 1.004 | 14.746 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 133.232 | 20.364 | 303.676 | 12385.418 | 13588.692 | 7.935 | 9240.311 |
| 80.740 | 1.004 | 14.744 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 133.231 | 20.373 | 303.675 | 12386.813 | 13587.537 | 7.934 | 9239.525 |
| 80.731 | 1.004 | 14.747 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 133.226 | 20.376 | 303.662 | 12384.871 | 13584.761 | 7.933 | 9237.639 |
| 80.744 | 1.004 | 14.755 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 133.207 | 20.371 | 303.621 | 12385.081 | 13586.237 | 7.933 | 9238.642 |
| 80.742 | 1.004 | 14.756 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 133.207 | 20.385 | 303.619 | 12387.519 | 13584.883 | 7.933 | 9237.722 |
| 80.726 | 1.004 | 14.763 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 133.211 | 20.383 | 303.628 | 12390.304 | 13588.682 | 7.935 | 9240.304 |
| 80.708 | 1.004 | 14.759 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 133.203 | 20.374 | 303.610 | 12384.672 | 13584.915 | 7.933 | 9237.742 |
| 80.745 | 1.004 | 14.755 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 133.207 | 20.368 | 303.621 | 12382.337 | 13584.071 | 7.932 | 9237.169 |
| 80.760 | 1.004 | 14.750 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 133.200 | 20.365 | 303.605 | 12381.947 | 13584.637 | 7.932 | 9237.554 |
| 80.763 | 1.004 | 14.753 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 133.210 | 20.369 | 303.626 | 12379.831 | 13581.021 | 7.930 | 9235.094 |
| 80.777 | 1.004 | 14.739 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 133.216 | 20.362 | 303.640 | 12378.385 | 13581.423 | 7.930 | 9235.368 |
| 80.786 | 1.004 | 14.736 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 133.206 | 20.369 | 303.618 | 12379.179 | 13580.257 | 7.930 | 9234.575 |
| 80.781 | 1.004 | 14.732 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 133.205 | 20.386 | 303.616 | 12380.365 | 13576.965 | 7.928 | 9232.336 |
| 80.773 | 1.004 | 14.725 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 133.218 | 20.380 | 303.645 | 12380.384 | 13578.600 | 7.929 | 9233.449 |
| 80.773 | 1.004 | 14.718 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/7/2017 1:30:00 AM | 185400.000 | 133.225 | 20.380 | 303.662 | 12381.681 | 13580.021 | 7.930 | 9234.415 |
| 80.764 | 1.004 | 14.716 | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 133.212 | 20.380 | 303.630 | 12381.803 | 13580.006 | 7.930 | 9234.404 |
| 80.764 | 1.004 | 14.717 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 133.232 | 20.375 | 303.676 | 12377.642 | 13577.007 | 7.928 | 9232.364 |
| 80.791 | 1.004 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 133.262 | 20.387 | 303.745 | 12382.623 | 13579.116 | 7.929 | 9233.799 |
| 80.758 | 1.004 | 14.715 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 133.238 | 20.386 | 303.691 | 12383.222 | 13579.947 | 7.930 | 9234.364 |
| 80.754 | 1.004 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 133.240 | 20.383 | 303.696 | 12382.047 | 13579.679 | 7.929 | 9234.183 |
| 80.762 | 1.004 | 14.713 | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 133.242 | 20.395 | 303.700 | 12383.032 | 13577.207 | 7.928 | 9232.501 |
| 80.756 | 1.004 | 14.709 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 133.261 | 20.380 | 303.743 | 12377.842 | 13575.761 | 7.927 | 9231.518 |
| 80.790 | 1.004 | 14.708 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 133.281 | 20.367 | 303.789 | 12374.703 | 13576.118 | 7.927 | 9231.761 |
| 80.810 | 1.004 | 14.700 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 133.287 | 20.368 | 303.801 | 12374.195 | 13575.337 | 7.927 | 9231.229 |
| 80.813 | 1.004 | 14.699 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 133.287 | 20.374 | 303.802 | 12370.872 | 13569.878 | 7.923 | 9227.518 |
| 80.835 | 1.004 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 133.304 | 20.381 | 303.842 | 12371.190 | 13568.293 | 7.922 | 9226.439 |
| 80.833 | 1.004 | 14.697 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 133.309 | 20.377 | 303.852 | 12373.641 | 13571.947 | 7.924 | 9228.924 |
| 80.817 | 1.004 | 14.694 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 133.314 | 20.379 | 303.863 | 12371.638 | 13569.254 | 7.923 | 9227.093 |
| 80.830 | 1.004 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 133.328 | 20.390 | 303.895 | 12376.527 | 13571.468 | 7.924 | 9228.599 |
| 80.798 | 1.004 | 14.692 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 133.349 | 20.375 | 303.944 | 12373.392 | 13572.370 | 7.925 | 9229.213 |
| 80.819 | 1.004 | 14.689 | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 133.348 | 20.365 | 303.942 | 12370.334 | 13571.821 | 7.924 | 9228.839 |
| 80.839 | 1.004 | 14.697 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 133.348 | 20.369 | 303.941 | 12366.515 | 13566.364 | 7.921 | 9225.128 |
| 80.864 | 1.004 | 14.698 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 133.370 | 20.380 | 303.992 | 12374.646 | 13572.283 | 7.925 | 9229.152 |
| 80.810 | 1.004 | 14.700 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 133.381 | 20.364 | 304.016 | 12366.118 | 13567.617 | 7.922 | 9225.979 |
| 80.866 | 1.004 | 14.698 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 133.385 | 20.380 | 304.027 | 12368.075 | 13564.949 | 7.920 | 9224.167 |
| 80.853 | 1.004 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 133.399 | 20.389 | 304.057 | 12370.123 | 13564.913 | 7.920 | 9224.142 |
| 80.840 | 1.004 | 14.695 | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 133.404 | 20.391 | 304.069 | 12371.492 | 13565.797 | 7.921 | 9224.743 |
| 80.831 | 1.004 | 14.697 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 133.411 | 20.385 | 304.085 | 12373.315 | 13569.307 | 7.923 | 9227.129 |
| 80.819 | 1.004 | 14.699 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 133.408 | 20.374 | 304.077 | 12369.465 | 13568.234 | 7.922 | 9226.399 |
| 80.844 | 1.004 | 14.702 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 133.420 | 20.369 | 304.104 | 12365.543 | 13565.400 | 7.920 | 9224.473 |
| 80.870 | 1.004 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 133.421 | 20.367 | 304.108 | 12359.604 | 13559.527 | 7.917 | 9220.479 |
| 80.909 | 1.004 | 14.700 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 133.412 | 20.386 | 304.087 | 12369.328 | 13564.663 | 7.920 | 9223.972 |
| 80.845 | 1.004 | 14.714 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 133.412 | 20.384 | 304.088 | 12368.025 | 13563.805 | 7.919 | 9223.388 |
| 80.854 | 1.004 | 14.712 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 133.414 | 20.372 | 304.092 | 12365.807 | 13564.792 | 7.920 | 9224.060 |
| 80.868 | 1.004 | 14.716 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 133.410 | 20.382 | 304.082 | 12366.438 | 13562.807 | 7.919 | 9222.710 |
| 80.864 | 1.004 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 133.415 | 20.388 | 304.094 | 12365.542 | 13560.141 | 7.917 | 9220.896 |
| 80.870 | 1.004 | 14.718 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 133.436 | 20.391 | 304.141 | 12365.813 | 13559.520 | 7.917 | 9220.475 |
| 80.868 | 1.004 | 14.728 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 133.405 | 20.376 | 304.072 | 12361.375 | 13558.888 | 7.916 | 9220.044 |
| 80.897 | 1.004 | 14.726 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 133.403 | 20.368 | 304.065 | 12359.644 | 13559.224 | 7.916 | 9220.273 |
| 80.908 | 1.004 | 14.732 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 133.387 | 20.378 | 304.030 | 12362.784 | 13559.966 | 7.917 | 9220.776 |
| 80.888 | 1.004 | 14.742 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 133.378 | 20.372 | 304.010 | 12357.644 | 13555.816 | 7.914 | 9217.956 |
| 80.922 | 1.004 | 14.738 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 133.378 | 20.369 | 304.010 | 12355.687 | 13554.712 | 7.914 | 9217.204 |
| 80.934 | 1.004 | 14.732 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 133.369 | 20.365 | 303.989 | 12353.736 | 13553.611 | 7.913 | 9216.456 |
| 80.947 | 1.004 | 14.737 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 133.367 | 20.369 | 303.984 | 12355.805 | 13554.786 | 7.914 | 9217.256 |
| 80.934 | 1.004 | 14.730 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 133.362 | 20.365 | 303.974 | 12353.299 | 13553.106 | 7.913 | 9216.113 |
| 80.950 | 1.004 | 14.732 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 133.343 | 20.364 | 303.930 | 12349.115 | 13548.765 | 7.910 | 9213.160 |
| 80.977 | 1.004 | 14.727 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 133.352 | 20.362 | 303.950 | 12347.305 | 13547.321 | 7.909 | 9212.179 |
| 80.989 | 1.004 | 14.721 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 133.340 | 20.362 | 303.923 | 12348.051 | 13548.188 | 7.909 | 9212.769 |
| 80.984 | 1.004 | 14.720 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 133.324 | 20.373 | 303.887 | 12352.868 | 13550.276 | 7.911 | 9214.188 |
| 80.953 | 1.004 | 14.723 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 133.308 | 20.385 | 303.849 | 12352.610 | 13546.750 | 7.909 | 9211.790 |
| 80.955 | 1.004 | 14.716 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 133.315 | 20.386 | 303.866 | 12355.923 | 13550.060 | 7.911 | 9214.042 |
| 80.933 | 1.004 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 133.299 | 20.381 | 303.830 | 12350.589 | 13545.550 | 7.908 | 9210.974 |
| 80.968 | 1.004 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 133.303 | 20.380 | 303.839 | 12352.818 | 13548.413 | 7.910 | 9212.921 |
| 80.953 | 1.004 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 133.306 | 20.368 | 303.845 | 12348.138 | 13546.525 | 7.908 | 9211.639 |
| 80.984 | 1.004 | 14.714 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 133.286 | 20.367 | 303.799 | 12344.896 | 13543.341 | 7.906 | 9209.472 |
| 81.005 | 1.004 | 14.723 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 133.319 | 20.378 | 303.874 | 12349.493 | 13545.388 | 7.908 | 9210.864 |
| 80.975 | 1.004 | 14.721 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 133.280 | 20.392 | 303.786 | 12351.448 | 13543.519 | 7.907 | 9209.593 |
| 80.962 | 1.004 | 14.715 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 133.305 | 20.396 | 303.844 | 12353.686 | 13544.808 | 7.907 | 9210.470 |
| 80.948 | 1.004 | 14.724 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 133.277 | 20.389 | 303.780 | 12348.082 | 13540.669 | 7.905 | 9207.656 |
| 80.984 | 1.004 | 14.718 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 133.263 | 20.393 | 303.747 | 12352.340 | 13544.051 | 7.907 | 9209.955 |
| 80.956 | 1.004 | 14.732 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 133.293 | 20.388 | 303.816 | 12347.941 | 13540.662 | 7.905 | 9207.651 |
| 80.985 | 1.004 | 14.728 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 133.291 | 20.391 | 303.812 | 12348.609 | 13540.754 | 7.905 | 9207.713 |
| 80.981 | 1.004 | 14.731 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 133.261 | 20.389 | 303.744 | 12346.537 | 13538.975 | 7.904 | 9206.503 |
| 80.994 | 1.004 | 14.735 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 133.257 | 20.392 | 303.733 | 12355.190 | 13547.499 | 7.909 | 9212.301 |
| 80.938 | 1.004 | 14.736 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 133.290 | 20.391 | 303.809 | 12350.207 | 13542.383 | 7.906 | 9208.820 |
| 80.970 | 1.004 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 133.249 | 20.382 | 303.716 | 12350.887 | 13545.699 | 7.908 | 9211.076 |
| 80.966 | 1.004 | 14.738 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 133.270 | 20.374 | 303.764 | 12344.342 | 13540.629 | 7.905 | 9207.628 |
| 81.009 | 1.004 | 14.731 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 133.265 | 20.373 | 303.751 | 12341.237 | 13537.767 | 7.903 | 9205.682 |
| 81.029 | 1.004 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 133.270 | 20.375 | 303.763 | 12341.364 | 13537.240 | 7.903 | 9205.323 |
| 81.028 | 1.004 | 14.738 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 133.263 | 20.379 | 303.747 | 12339.564 | 13534.225 | 7.901 | 9203.272 |
| 81.040 | 1.004 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 133.308 | 20.382 | 303.851 | 12342.470 | 13536.546 | 7.902 | 9204.853 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 81.021 | 1.004 | 14.734 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 133.280 | 20.376 | 303.787 | 12340.539 | 13536.086 | 7.902 | 9204.538 |
| 81.034 | 1.004 | 14.728 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 133.288 | 20.375 | 303.804 | 12345.032 | 13541.164 | 7.905 | 9207.991 |
| 81.004 | 1.004 | 14.735 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 133.278 | 20.383 | 303.782 | 12344.127 | 13537.941 | 7.903 | 9205.800 |
| 81.010 | 1.004 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 133.284 | 20.378 | 303.796 | 12343.954 | 13539.263 | 7.904 | 9206.698 |
| 81.011 | 1.004 | 14.743 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 133.297 | 20.379 | 303.824 | 12343.714 | 13538.650 | 7.904 | 9206.282 |
| 81.013 | 1.004 | 14.741 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 133.281 | 20.380 | 303.789 | 12345.342 | 13540.213 | 7.904 | 9207.345 |
| 81.002 | 1.004 | 14.750 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 133.293 | 20.402 | 303.816 | 12348.923 | 13537.904 | 7.903 | 9205.776 |
| 80.979 | 1.004 | 14.753 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 133.299 | 20.405 | 303.830 | 12346.524 | 13534.359 | 7.901 | 9203.364 |
| 80.994 | 1.004 | 14.761 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 133.301 | 20.388 | 303.835 | 12344.374 | 13536.902 | 7.902 | 9205.095 |
| 81.009 | 1.004 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 133.302 | 20.386 | 303.836 | 12343.377 | 13536.424 | 7.902 | 9204.770 |
| 81.015 | 1.004 | 14.756 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 133.298 | 20.386 | 303.828 | 12342.328 | 13535.274 | 7.901 | 9203.987 |
| 81.022 | 1.004 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 133.304 | 20.399 | 303.840 | 12346.969 | 13536.678 | 7.902 | 9204.941 |
| 80.992 | 1.004 | 14.762 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 133.332 | 20.405 | 303.904 | 12350.012 | 13538.182 | 7.903 | 9205.964 |
| 80.972 | 1.004 | 14.764 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 133.346 | 20.409 | 303.936 | 12349.859 | 13537.000 | 7.903 | 9205.160 |
| 80.973 | 1.004 | 14.760 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 133.308 | 20.416 | 303.850 | 12352.869 | 13538.271 | 7.904 | 9206.025 |
| 80.953 | 1.004 | 14.754 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 133.303 | 20.411 | 303.839 | 12350.563 | 13536.979 | 7.903 | 9205.146 |
| 80.968 | 1.004 | 14.763 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 133.339 | 20.417 | 303.920 | 12352.058 | 13537.060 | 7.903 | 9205.200 |
| 80.958 | 1.004 | 14.748 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 133.337 | 20.411 | 303.915 | 12347.277 | 13533.354 | 7.900 | 9202.682 |
| 80.990 | 1.004 | 14.763 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 133.330 | 20.412 | 303.900 | 12352.460 | 13538.761 | 7.904 | 9206.358 |
| 80.956 | 1.004 | 14.759 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 133.306 | 20.409 | 303.846 | 12352.366 | 13539.599 | 7.904 | 9206.928 |
| 80.956 | 1.004 | 14.755 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 133.331 | 20.408 | 303.902 | 12355.764 | 13543.622 | 7.907 | 9209.663 |
| 80.934 | 1.004 | 14.753 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 133.304 | 20.401 | 303.840 | 12351.963 | 13541.460 | 7.905 | 9208.192 |
| 80.959 | 1.004 | 14.738 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 133.327 | 20.398 | 303.894 | 12348.918 | 13539.014 | 7.904 | 9206.529 |
| 80.979 | 1.004 | 14.746 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 133.328 | 20.402 | 303.897 | 12349.036 | 13538.079 | 7.903 | 9205.894 |
| 80.978 | 1.004 | 14.747 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 133.298 | 20.413 | 303.828 | 12349.165 | 13535.003 | 7.901 | 9203.802 |
| 80.977 | 1.004 | 14.753 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 133.286 | 20.425 | 303.799 | 12352.386 | 13535.143 | 7.902 | 9203.897 |
| 80.956 | 1.004 | 14.756 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 133.330 | 20.425 | 303.901 | 12355.909 | 13538.879 | 7.904 | 9206.438 |
| 80.933 | 1.004 | 14.744 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 133.331 | 20.421 | 303.904 | 12352.977 | 13536.830 | 7.903 | 9205.046 |
| 80.952 | 1.004 | 14.750 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 133.327 | 20.423 | 303.893 | 12354.390 | 13538.007 | 7.903 | 9205.845 |
| 80.943 | 1.004 | 14.751 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 133.345 | 20.423 | 303.935 | 12353.585 | 13536.879 | 7.903 | 9205.078 |
| 80.948 | 1.004 | 14.735 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 133.345 | 20.417 | 303.935 | 12353.471 | 13538.585 | 7.904 | 9206.238 |
| 80.949 | 1.004 | 14.743 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 133.348 | 20.414 | 303.942 | 12353.567 | 13539.458 | 7.904 | 9206.832 |
| 80.948 | 1.004 | 14.732 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 133.349 | 20.423 | 303.943 | 12354.292 | 13537.900 | 7.903 | 9205.773 |
| 80.944 | 1.004 | 14.733 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 133.345 | 20.419 | 303.934 | 12351.616 | 13536.058 | 7.902 | 9204.521 |
| 80.961 | 1.004 | 14.732 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 133.359 | 20.387 | 303.966 | 12341.473 | 13533.917 | 7.901 | 9203.064 |
| 81.028 | 1.004 | 14.718 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 133.342 | 20.360 | 303.929 | 12318.823 | 13516.691 | 7.890 | 9191.351 |
| 81.177 | 1.004 | 14.723 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 133.323 | 20.350 | 303.884 | 12299.759 | 13498.514 | 7.878 | 9178.989 |
| 81.302 | 1.004 | 14.713 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 133.365 | 20.340 | 303.979 | 12292.231 | 13493.241 | 7.875 | 9175.404 |
| 81.352 | 1.004 | 14.720 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 133.366 | 20.348 | 303.982 | 12288.034 | 13486.214 | 7.870 | 9170.627 |
| 81.380 | 1.004 | 14.709 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 133.378 | 20.348 | 304.010 | 12281.364 | 13479.016 | 7.866 | 9165.730 |
| 81.424 | 1.004 | 14.704 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 133.382 | 20.353 | 304.018 | 12286.322 | 13483.127 | 7.868 | 9168.526 |
| 81.391 | 1.004 | 14.686 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 133.399 | 20.352 | 304.057 | 12286.671 | 13483.633 | 7.869 | 9168.871 |
| 81.389 | 1.004 | 14.707 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 133.393 | 20.351 | 304.045 | 12283.360 | 13480.345 | 7.867 | 9166.636 |
| 81.411 | 1.004 | 14.704 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 133.413 | 20.353 | 304.090 | 12282.529 | 13478.767 | 7.866 | 9165.562 |
| 81.416 | 1.004 | 14.714 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 133.415 | 20.349 | 304.094 | 12282.492 | 13479.984 | 7.866 | 9166.391 |
| 81.417 | 1.004 | 14.693 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 133.440 | 20.354 | 304.151 | 12282.342 | 13478.289 | 7.865 | 9165.236 |
| 81.418 | 1.004 | 14.701 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 133.444 | 20.347 | 304.161 | 12279.615 | 13477.368 | 7.865 | 9164.611 |
| 81.436 | 1.004 | 14.696 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 133.446 | 20.349 | 304.164 | 12277.854 | 13474.746 | 7.863 | 9162.827 |
| 81.447 | 1.004 | 14.702 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 133.468 | 20.347 | 304.216 | 12280.083 | 13477.905 | 7.865 | 9164.977 |
| 81.433 | 1.004 | 14.699 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 133.464 | 20.348 | 304.206 | 12276.228 | 13473.354 | 7.862 | 9161.882 |
| 81.458 | 1.004 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 133.487 | 20.347 | 304.258 | 12274.596 | 13471.733 | 7.861 | 9160.779 |
| 81.469 | 1.004 | 14.708 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 133.480 | 20.363 | 304.241 | 12283.874 | 13477.552 | 7.865 | 9164.735 |
| 81.408 | 1.004 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 133.499 | 20.355 | 304.286 | 12278.305 | 13473.760 | 7.862 | 9162.157 |
| 81.444 | 1.004 | 14.705 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 133.508 | 20.358 | 304.306 | 12278.239 | 13472.828 | 7.862 | 9161.523 |
| 81.445 | 1.004 | 14.700 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 133.519 | 20.362 | 304.330 | 12279.088 | 13472.452 | 7.862 | 9161.269 |
| 81.439 | 1.004 | 14.702 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 133.527 | 20.356 | 304.349 | 12278.006 | 13473.039 | 7.862 | 9161.668 |
| 81.446 | 1.004 | 14.700 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 133.525 | 20.365 | 304.345 | 12281.475 | 13474.230 | 7.863 | 9162.477 |
| 81.423 | 1.004 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 133.526 | 20.367 | 304.347 | 12279.545 | 13471.745 | 7.861 | 9160.787 |
| 81.436 | 1.004 | 14.709 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 133.528 | 20.359 | 304.350 | 12278.059 | 13472.331 | 7.862 | 9161.187 |
| 81.446 | 1.004 | 14.711 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 133.525 | 20.369 | 304.344 | 12277.969 | 13469.275 | 7.860 | 9159.108 |
| 81.447 | 1.004 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 133.529 | 20.358 | 304.353 | 12278.187 | 13472.771 | 7.862 | 9161.484 |
| 81.445 | 1.004 | 14.719 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 133.529 | 20.363 | 304.355 | 12275.456 | 13468.315 | 7.859 | 9158.455 |
| 81.463 | 1.004 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 133.519 | 20.357 | 304.331 | 12271.830 | 13466.088 | 7.858 | 9156.939 |
| 81.487 | 1.004 | 14.727 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 133.531 | 20.358 | 304.359 | 12270.543 | 13464.183 | 7.856 | 9155.646 |
| 81.496 | 1.004 | 14.724 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 133.522 | 20.358 | 304.338 | 12271.712 | 13465.513 | 7.857 | 9156.550 |
| 81.488 | 1.004 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 133.510 | 20.363 | 304.311 | 12271.706 | 13464.104 | 7.856 | 9155.591 |
| 81.488 | 1.004 | 14.722 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/8/2017 10:45:00 AM | 305100.000 | 133.503 | 20.367 | 304.295 | 12273.886 | 13465.586 | 7.857 | 9156.599 |
| 81.474 | 1.004 | 14.720 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 133.508 | 20.355 | 304.305 | 12268.978 | 13463.426 | 7.856 | 9155.131 |
| 81.506 | 1.004 | 14.724 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 133.492 | 20.362 | 304.269 | 12266.852 | 13459.000 | 7.853 | 9152.120 |
| 81.521 | 1.004 | 14.729 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 133.486 | 20.373 | 304.257 | 12271.136 | 13460.621 | 7.854 | 9153.223 |
| 81.492 | 1.004 | 14.715 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 133.493 | 20.369 | 304.271 | 12268.089 | 13458.437 | 7.853 | 9151.738 |
| 81.512 | 1.004 | 14.700 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 133.467 | 20.365 | 304.213 | 12264.486 | 13455.767 | 7.851 | 9149.922 |
| 81.536 | 1.004 | 14.709 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 133.444 | 20.376 | 304.160 | 12269.838 | 13458.389 | 7.853 | 9151.705 |
| 81.501 | 1.004 | 14.710 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 133.446 | 20.375 | 304.165 | 12265.491 | 13453.866 | 7.850 | 9148.629 |
| 81.530 | 1.004 | 14.701 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 133.446 | 20.367 | 304.164 | 12267.132 | 13458.127 | 7.853 | 9151.526 |
| 81.519 | 1.004 | 14.697 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 133.461 | 20.387 | 304.198 | 12268.576 | 13453.977 | 7.850 | 9148.704 |
| 81.509 | 1.004 | 14.701 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 133.422 | 20.385 | 304.109 | 12270.263 | 13456.517 | 7.852 | 9150.432 |
| 81.498 | 1.004 | 14.690 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 133.415 | 20.373 | 304.093 | 12264.917 | 13453.947 | 7.850 | 9148.686 |
| 81.533 | 1.004 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 133.439 | 20.385 | 304.148 | 12268.715 | 13454.572 | 7.851 | 9149.109 |
| 81.508 | 1.004 | 14.688 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 133.393 | 20.386 | 304.043 | 12267.505 | 13453.122 | 7.850 | 9148.124 |
| 81.516 | 1.004 | 14.683 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 133.387 | 20.376 | 304.029 | 12265.864 | 13454.054 | 7.850 | 9148.757 |
| 81.527 | 1.004 | 14.676 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 133.377 | 20.378 | 304.008 | 12263.808 | 13451.332 | 7.848 | 9146.907 |
| 81.541 | 1.004 | 14.685 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 133.362 | 20.368 | 303.973 | 12262.787 | 13452.919 | 7.849 | 9147.985 |
| 81.548 | 1.004 | 14.694 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 133.361 | 20.367 | 303.971 | 12262.075 | 13452.506 | 7.849 | 9147.704 |
| 81.552 | 1.004 | 14.684 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 133.348 | 20.384 | 303.942 | 12264.124 | 13450.054 | 7.848 | 9146.036 |
| 81.539 | 1.004 | 14.686 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 133.352 | 20.379 | 303.951 | 12260.495 | 13447.501 | 7.846 | 9144.302 |
| 81.563 | 1.004 | 14.683 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 133.348 | 20.372 | 303.941 | 12258.046 | 13446.583 | 7.845 | 9143.677 |
| 81.579 | 1.004 | 14.689 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 133.339 | 20.376 | 303.920 | 12261.147 | 13448.978 | 7.847 | 9145.305 |
| 81.558 | 1.004 | 14.691 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 133.332 | 20.376 | 303.904 | 12257.233 | 13444.658 | 7.844 | 9142.367 |
| 81.584 | 1.004 | 14.695 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 133.336 | 20.372 | 303.914 | 12257.210 | 13445.743 | 7.845 | 9143.105 |
| 81.585 | 1.004 | 14.686 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 133.327 | 20.380 | 303.894 | 12257.023 | 13443.398 | 7.843 | 9141.511 |
| 81.586 | 1.004 | 14.684 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 133.317 | 20.385 | 303.871 | 12257.673 | 13442.710 | 7.843 | 9141.044 |
| 81.582 | 1.004 | 14.687 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 133.326 | 20.386 | 303.890 | 12260.646 | 13445.478 | 7.845 | 9142.925 |
| 81.562 | 1.004 | 14.689 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 133.353 | 20.393 | 303.952 | 12259.812 | 13442.670 | 7.843 | 9141.016 |
| 81.567 | 1.004 | 14.693 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 133.361 | 20.398 | 303.971 | 12264.104 | 13446.025 | 7.845 | 9143.297 |
| 81.539 | 1.004 | 14.686 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 133.337 | 20.401 | 303.917 | 12267.220 | 13448.557 | 7.847 | 9145.019 |
| 81.518 | 1.004 | 14.689 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 133.365 | 20.401 | 303.980 | 12264.557 | 13445.710 | 7.845 | 9143.084 |
| 81.536 | 1.004 | 14.687 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 133.340 | 20.395 | 303.922 | 12262.611 | 13445.223 | 7.845 | 9142.753 |
| 81.549 | 1.004 | 14.696 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 133.336 | 20.396 | 303.913 | 12262.877 | 13445.293 | 7.845 | 9142.800 |
| 81.547 | 1.004 | 14.703 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 133.332 | 20.389 | 303.906 | 12259.624 | 13443.496 | 7.844 | 9141.578 |
| 81.569 | 1.004 | 14.704 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 133.383 | 20.388 | 304.021 | 12254.178 | 13437.966 | 7.840 | 9137.816 |
| 81.605 | 1.004 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 133.356 | 20.378 | 303.960 | 12253.621 | 13440.158 | 7.841 | 9139.308 |
| 81.609 | 1.004 | 14.704 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 133.358 | 20.370 | 303.965 | 12247.177 | 13435.350 | 7.838 | 9136.039 |
| 81.651 | 1.004 | 14.711 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 133.374 | 20.381 | 304.000 | 12247.024 | 13432.161 | 7.836 | 9133.870 |
| 81.652 | 1.004 | 14.702 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 133.372 | 20.381 | 303.996 | 12247.819 | 13432.960 | 7.837 | 9134.414 |
| 81.647 | 1.004 | 14.705 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 133.378 | 20.383 | 304.011 | 12246.087 | 13430.420 | 7.835 | 9132.686 |
| 81.659 | 1.004 | 14.703 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 133.385 | 20.368 | 304.026 | 12242.813 | 13431.176 | 7.836 | 9133.199 |
| 81.681 | 1.004 | 14.706 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 133.389 | 20.399 | 304.035 | 12248.567 | 13428.549 | 7.834 | 9131.413 |
| 81.642 | 1.004 | 14.710 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 133.387 | 20.374 | 304.030 | 12246.187 | 13433.058 | 7.837 | 9134.479 |
| 81.658 | 1.004 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 133.393 | 20.365 | 304.045 | 12238.504 | 13427.188 | 7.833 | 9130.487 |
| 81.709 | 1.004 | 14.714 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 133.391 | 20.363 | 304.040 | 12239.274 | 13428.521 | 7.834 | 9131.396 |
| 81.704 | 1.004 | 14.718 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 133.400 | 20.370 | 304.060 | 12236.298 | 13423.315 | 7.831 | 9127.855 |
| 81.724 | 1.004 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 133.400 | 20.361 | 304.061 | 12234.344 | 13423.729 | 7.831 | 9128.137 |
| 81.737 | 1.004 | 14.717 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 133.400 | 20.367 | 304.060 | 12236.807 | 13424.709 | 7.832 | 9128.803 |
| 81.721 | 1.004 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 133.402 | 20.385 | 304.064 | 12243.565 | 13427.164 | 7.833 | 9130.473 |
| 81.676 | 1.004 | 14.716 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 133.430 | 20.386 | 304.128 | 12242.561 | 13425.645 | 7.832 | 9129.439 |
| 81.682 | 1.004 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 133.403 | 20.384 | 304.066 | 12242.644 | 13426.399 | 7.833 | 9129.952 |
| 81.682 | 1.004 | 14.719 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 133.410 | 20.365 | 304.083 | 12234.731 | 13423.121 | 7.831 | 9127.723 |
| 81.735 | 1.004 | 14.725 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 133.403 | 20.370 | 304.067 | 12238.238 | 13425.422 | 7.832 | 9129.288 |
| 81.711 | 1.004 | 14.728 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 133.390 | 20.385 | 304.037 | 12240.969 | 13424.391 | 7.831 | 9128.587 |
| 81.693 | 1.004 | 14.733 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 133.401 | 20.382 | 304.062 | 12239.953 | 13423.966 | 7.831 | 9128.297 |
| 81.700 | 1.004 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 133.402 | 20.375 | 304.063 | 12242.751 | 13428.995 | 7.834 | 9131.718 |
| 81.681 | 1.004 | 14.727 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 133.405 | 20.385 | 304.071 | 12243.201 | 13426.740 | 7.833 | 9130.185 |
| 81.678 | 1.004 | 14.720 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 133.391 | 20.389 | 304.039 | 12244.796 | 13427.285 | 7.833 | 9130.555 |
| 81.667 | 1.004 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 133.393 | 20.387 | 304.043 | 12244.175 | 13427.317 | 7.833 | 9130.576 |
| 81.671 | 1.004 | 14.721 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 133.387 | 20.391 | 304.029 | 12243.752 | 13425.598 | 7.832 | 9129.407 |
| 81.674 | 1.004 | 14.722 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 133.399 | 20.395 | 304.059 | 12243.545 | 13424.317 | 7.832 | 9128.536 |
| 81.676 | 1.004 | 14.710 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 133.397 | 20.384 | 304.053 | 12240.711 | 13424.181 | 7.831 | 9128.443 |
| 81.695 | 1.004 | 14.722 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 133.393 | 20.385 | 304.044 | 12239.796 | 13423.006 | 7.831 | 9127.645 |
| 81.701 | 1.004 | 14.723 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 133.389 | 20.389 | 304.034 | 12243.468 | 13425.829 | 7.832 | 9129.564 |
| 81.676 | 1.004 | 14.736 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 133.403 | 20.386 | 304.066 | 12243.440 | 13426.779 | 7.833 | 9130.210 |
| 81.676 | 1.004 | 14.740 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 133.403 | 20.378 | 304.066 | 12240.620 | 13425.946 | 7.832 | 9129.645 |
| 81.695 | 1.004 | 14.739 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 133.392 | 20.384 | 304.042 | 12244.025 | 13427.889 | 7.834 | 9130.965 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 81.672 | 1.004 | 14.746 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 133.418 | 20.386 | 304.102 | 12239.734 | 13422.496 | 7.830 | 9127.299 |
| 81.701 | 1.004 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 133.408 | 20.388 | 304.078 | 12240.445 | 13422.809 | 7.831 | 9127.510 |
| 81.696 | 1.004 | 14.739 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 133.443 | 20.377 | 304.158 | 12241.660 | 13427.308 | 7.833 | 9130.569 |
| 81.688 | 1.004 | 14.737 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 133.432 | 20.386 | 304.133 | 12240.826 | 13423.767 | 7.831 | 9128.161 |
| 81.694 | 1.004 | 14.738 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 133.427 | 20.372 | 304.121 | 12232.691 | 13418.821 | 7.828 | 9124.800 |
| 81.748 | 1.004 | 14.748 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 133.435 | 20.390 | 304.139 | 12242.588 | 13424.597 | 7.832 | 9128.726 |
| 81.682 | 1.004 | 14.751 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 133.446 | 20.378 | 304.164 | 12235.440 | 13420.241 | 7.829 | 9125.764 |
| 81.730 | 1.004 | 14.741 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 133.450 | 20.379 | 304.175 | 12239.065 | 13423.973 | 7.831 | 9128.303 |
| 81.706 | 1.004 | 14.738 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 133.448 | 20.386 | 304.169 | 12239.413 | 13422.145 | 7.830 | 9127.059 |
| 81.703 | 1.004 | 14.750 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 133.467 | 20.379 | 304.211 | 12236.735 | 13421.194 | 7.829 | 9126.412 |
| 81.721 | 1.004 | 14.746 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 133.473 | 20.395 | 304.226 | 12240.666 | 13421.136 | 7.830 | 9126.372 |
| 81.695 | 1.004 | 14.741 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 133.481 | 20.399 | 304.245 | 12243.703 | 13423.193 | 7.831 | 9127.772 |
| 81.675 | 1.004 | 14.750 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 133.522 | 20.386 | 304.339 | 12237.775 | 13420.593 | 7.829 | 9126.003 |
| 81.714 | 1.004 | 14.754 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 133.499 | 20.394 | 304.286 | 12241.892 | 13422.851 | 7.831 | 9127.539 |
| 81.687 | 1.004 | 14.749 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 133.514 | 20.383 | 304.320 | 12236.625 | 13420.166 | 7.829 | 9125.713 |
| 81.722 | 1.004 | 14.754 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 133.519 | 20.387 | 304.330 | 12237.965 | 13420.457 | 7.829 | 9125.912 |
| 81.713 | 1.004 | 14.761 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 133.526 | 20.378 | 304.347 | 12236.059 | 13420.847 | 7.829 | 9126.176 |
| 81.726 | 1.004 | 14.760 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 133.543 | 20.389 | 304.386 | 12235.501 | 13417.142 | 7.827 | 9123.656 |
| 81.729 | 1.004 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 133.558 | 20.373 | 304.420 | 12233.395 | 13419.469 | 7.828 | 9125.239 |
| 81.743 | 1.004 | 14.766 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 133.590 | 20.379 | 304.494 | 12230.775 | 13414.832 | 7.825 | 9122.087 |
| 81.761 | 1.004 | 14.765 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 133.561 | 20.373 | 304.426 | 12232.076 | 13417.974 | 7.827 | 9124.222 |
| 81.752 | 1.004 | 14.769 | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 133.563 | 20.387 | 304.431 | 12238.024 | 13420.426 | 7.829 | 9125.890 |
| 81.713 | 1.004 | 14.775 | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 133.596 | 20.390 | 304.506 | 12238.767 | 13420.528 | 7.829 | 9125.959 |
| 81.708 | 1.004 | 14.771 | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 133.580 | 20.387 | 304.471 | 12235.832 | 13418.118 | 7.828 | 9124.321 |
| 81.727 | 1.004 | 14.779 | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 133.577 | 20.390 | 304.463 | 12237.269 | 13418.834 | 7.828 | 9124.809 |
| 81.718 | 1.004 | 14.786 | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 133.576 | 20.382 | 304.460 | 12232.183 | 13415.390 | 7.826 | 9122.465 |
| 81.752 | 1.004 | 14.787 | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 133.581 | 20.372 | 304.471 | 12229.729 | 13415.718 | 7.826 | 9122.689 |
| 81.768 | 1.004 | 14.790 | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 133.557 | 20.382 | 304.418 | 12231.218 | 13414.454 | 7.825 | 9121.830 |
| 81.758 | 1.004 | 14.796 | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 133.567 | 20.374 | 304.441 | 12227.159 | 13412.138 | 7.824 | 9120.255 |
| 81.785 | 1.004 | 14.796 | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 133.562 | 20.370 | 304.429 | 12228.359 | 13414.659 | 7.825 | 9121.969 |
| 81.777 | 1.004 | 14.803 | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 133.565 | 20.374 | 304.436 | 12227.283 | 13412.273 | 7.824 | 9120.346 |
| 81.784 | 1.004 | 14.799 | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 133.549 | 20.364 | 304.400 | 12223.349 | 13410.927 | 7.823 | 9119.432 |
| 81.811 | 1.004 | 14.804 | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 133.550 | 20.367 | 304.402 | 12221.891 | 13408.321 | 7.821 | 9117.658 |
| 81.820 | 1.004 | 14.794 | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 133.529 | 20.381 | 304.354 | 12229.497 | 13412.912 | 7.824 | 9120.781 |
| 81.770 | 1.004 | 14.784 | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 133.533 | 20.380 | 304.363 | 12222.392 | 13405.438 | 7.820 | 9115.699 |
| 81.817 | 1.004 | 14.781 | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 133.563 | 20.390 | 304.430 | 12229.996 | 13410.935 | 7.823 | 9119.437 |
| 81.766 | 1.004 | 14.773 | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 133.504 | 20.382 | 304.298 | 12230.089 | 13413.094 | 7.824 | 9120.905 |
| 81.766 | 1.004 | 14.777 | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 133.529 | 20.384 | 304.354 | 12223.252 | 13405.206 | 7.819 | 9115.540 |
| 81.811 | 1.004 | 14.782 | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 133.485 | 20.388 | 304.254 | 12224.888 | 13405.723 | 7.820 | 9115.893 |
| 81.800 | 1.004 | 14.772 | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 133.469 | 20.392 | 304.216 | 12229.464 | 13409.785 | 7.822 | 9118.655 |
| 81.770 | 1.004 | 14.768 | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 133.456 | 20.383 | 304.188 | 12227.567 | 13410.133 | 7.822 | 9118.891 |
| 81.782 | 1.004 | 14.768 | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 133.458 | 20.388 | 304.192 | 12227.636 | 13408.859 | 7.822 | 9118.024 |
| 81.782 | 1.004 | 14.773 | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 133.426 | 20.380 | 304.118 | 12225.331 | 13408.563 | 7.821 | 9117.823 |
| 81.797 | 1.004 | 14.785 | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 133.420 | 20.372 | 304.105 | 12219.348 | 13404.111 | 7.819 | 9114.797 |
| 81.837 | 1.004 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 133.414 | 20.378 | 304.091 | 12219.696 | 13402.899 | 7.818 | 9113.972 |
| 81.835 | 1.004 | 14.780 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 133.388 | 20.367 | 304.033 | 12216.433 | 13402.311 | 7.817 | 9113.572 |
| 81.857 | 1.004 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 133.361 | 20.371 | 303.972 | 12217.464 | 13402.313 | 7.817 | 9113.573 |
| 81.850 | 1.004 | 14.779 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 133.372 | 20.369 | 303.996 | 12211.504 | 13396.537 | 7.814 | 9109.646 |
| 81.890 | 1.004 | 14.776 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 133.363 | 20.380 | 303.976 | 12213.846 | 13395.943 | 7.814 | 9109.241 |
| 81.874 | 1.004 | 14.779 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 133.357 | 20.369 | 303.961 | 12208.075 | 13392.653 | 7.811 | 9107.004 |
| 81.913 | 1.004 | 14.776 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 133.339 | 20.382 | 303.921 | 12214.377 | 13395.888 | 7.814 | 9109.204 |
| 81.871 | 1.004 | 14.778 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 133.360 | 20.379 | 303.968 | 12217.248 | 13400.020 | 7.816 | 9112.014 |
| 81.851 | 1.004 | 14.782 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 133.351 | 20.386 | 303.947 | 12211.877 | 13392.165 | 7.811 | 9106.672 |
| 81.887 | 1.004 | 14.775 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 133.315 | 20.383 | 303.866 | 12212.028 | 13393.117 | 7.812 | 9107.320 |
| 81.886 | 1.004 | 14.779 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 133.315 | 20.370 | 303.866 | 12210.198 | 13394.662 | 7.813 | 9108.371 |
| 81.899 | 1.004 | 14.776 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 133.314 | 20.374 | 303.864 | 12212.150 | 13395.749 | 7.813 | 9109.110 |
| 81.886 | 1.004 | 14.773 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 133.324 | 20.371 | 303.888 | 12206.593 | 13390.559 | 7.810 | 9105.580 |
| 81.923 | 1.004 | 14.770 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 133.312 | 20.388 | 303.859 | 12212.714 | 13392.474 | 7.811 | 9106.882 |
| 81.882 | 1.004 | 14.765 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 133.317 | 20.377 | 303.870 | 12203.456 | 13385.427 | 7.807 | 9102.090 |
| 81.944 | 1.004 | 14.769 | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 133.308 | 20.370 | 303.851 | 12208.371 | 13392.631 | 7.811 | 9106.990 |
| 81.911 | 1.004 | 14.773 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 133.297 | 20.373 | 303.826 | 12206.121 | 13389.281 | 7.809 | 9104.712 |
| 81.926 | 1.004 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 133.308 | 20.390 | 303.850 | 12208.174 | 13387.028 | 7.808 | 9103.180 |
| 81.912 | 1.004 | 14.777 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 133.346 | 20.375 | 303.937 | 12205.783 | 13388.472 | 7.809 | 9104.161 |
| 81.928 | 1.004 | 14.774 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 133.314 | 20.377 | 303.864 | 12208.687 | 13391.019 | 7.810 | 9105.894 |
| 81.909 | 1.004 | 14.779 | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 133.316 | 20.378 | 303.869 | 12207.200 | 13389.121 | 7.809 | 9104.603 |
| 81.919 | 1.004 | 14.778 | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 133.326 | 20.386 | 303.892 | 12209.706 | 13389.663 | 7.810 | 9104.971 |
| 81.902 | 1.004 | 14.775 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/9/2017 8:00:00 PM | 424800.000 | 133.363 | 20.378 | 303.975 | 12207.891 | 13389.925 | 7.810 | 9105.150 |
| 81.914 | 1.004 | 14.777 | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 133.327 | 20.385 | 303.894 | 12209.239 | 13389.472 | 7.809 | 9104.841 |
| 81.905 | 1.004 | 14.786 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 133.358 | 20.371 | 303.964 | 12201.967 | 13385.509 | 7.807 | 9102.147 |
| 81.954 | 1.004 | 14.782 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 133.393 | 20.371 | 304.045 | 12203.818 | 13387.540 | 7.808 | 9103.528 |
| 81.942 | 1.004 | 14.774 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 133.356 | 20.391 | 303.960 | 12210.190 | 13388.796 | 7.809 | 9104.382 |
| 81.899 | 1.004 | 14.783 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 133.361 | 20.382 | 303.971 | 12209.435 | 13390.592 | 7.810 | 9105.604 |
| 81.904 | 1.004 | 14.780 | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 133.382 | 20.379 | 304.020 | 12211.013 | 13392.981 | 7.812 | 9107.229 |
| 81.893 | 1.004 | 14.771 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 133.381 | 20.365 | 304.015 | 12204.582 | 13389.971 | 7.810 | 9105.180 |
| 81.936 | 1.004 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 133.388 | 20.377 | 304.031 | 12208.941 | 13391.373 | 7.811 | 9106.135 |
| 81.907 | 1.004 | 14.775 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 133.385 | 20.385 | 304.025 | 12214.650 | 13395.306 | 7.813 | 9108.809 |
| 81.869 | 1.004 | 14.779 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 133.385 | 20.385 | 304.025 | 12214.512 | 13395.230 | 7.813 | 9108.757 |
| 81.870 | 1.004 | 14.785 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 133.428 | 20.387 | 304.124 | 12214.965 | 13395.063 | 7.813 | 9108.644 |
| 81.867 | 1.004 | 14.780 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 133.412 | 20.396 | 304.087 | 12218.609 | 13396.708 | 7.814 | 9109.762 |
| 81.842 | 1.004 | 14.776 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 133.404 | 20.390 | 304.070 | 12217.542 | 13397.202 | 7.814 | 9110.098 |
| 81.850 | 1.004 | 14.783 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 133.411 | 20.381 | 304.085 | 12216.134 | 13398.208 | 7.815 | 9110.781 |
| 81.859 | 1.004 | 14.772 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 133.409 | 20.388 | 304.080 | 12216.385 | 13396.548 | 7.814 | 9109.652 |
| 81.857 | 1.004 | 14.769 | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 133.407 | 20.379 | 304.075 | 12219.073 | 13402.021 | 7.817 | 9113.376 |
| 81.839 | 1.004 | 14.772 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 133.402 | 20.390 | 304.065 | 12222.256 | 13402.227 | 7.818 | 9113.514 |
| 81.818 | 1.004 | 14.777 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 133.442 | 20.388 | 304.156 | 12223.854 | 13404.712 | 7.819 | 9115.205 |
| 81.807 | 1.004 | 14.776 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 133.407 | 20.388 | 304.076 | 12226.159 | 13407.292 | 7.821 | 9116.960 |
| 81.792 | 1.004 | 14.769 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 133.419 | 20.373 | 304.104 | 12219.073 | 13403.733 | 7.818 | 9114.539 |
| 81.839 | 1.004 | 14.766 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 133.441 | 20.375 | 304.152 | 12220.131 | 13404.161 | 7.819 | 9114.831 |
| 81.832 | 1.004 | 14.770 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 133.411 | 20.373 | 304.085 | 12221.900 | 13406.787 | 7.820 | 9116.615 |
| 81.820 | 1.004 | 14.767 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 133.395 | 20.391 | 304.049 | 12231.396 | 13412.080 | 7.824 | 9120.216 |
| 81.757 | 1.004 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 133.398 | 20.379 | 304.056 | 12227.924 | 13411.628 | 7.823 | 9119.907 |
| 81.780 | 1.004 | 14.771 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 133.405 | 20.380 | 304.072 | 12229.339 | 13412.860 | 7.824 | 9120.746 |
| 81.771 | 1.004 | 14.766 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 133.407 | 20.375 | 304.075 | 12226.184 | 13410.898 | 7.823 | 9119.411 |
| 81.792 | 1.004 | 14.769 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 133.408 | 20.381 | 304.077 | 12231.254 | 13414.646 | 7.825 | 9121.961 |
| 81.758 | 1.004 | 14.770 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 133.407 | 20.383 | 304.076 | 12230.806 | 13413.611 | 7.825 | 9121.256 |
| 81.761 | 1.004 | 14.762 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 133.412 | 20.383 | 304.087 | 12232.017 | 13414.916 | 7.826 | 9122.143 |
| 81.753 | 1.004 | 14.759 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 133.411 | 20.383 | 304.084 | 12233.710 | 13416.994 | 7.827 | 9123.556 |
| 81.741 | 1.004 | 14.754 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 133.413 | 20.380 | 304.090 | 12232.538 | 13416.322 | 7.826 | 9123.101 |
| 81.749 | 1.004 | 14.757 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 133.411 | 20.375 | 304.084 | 12233.125 | 13418.536 | 7.828 | 9124.605 |
| 81.745 | 1.004 | 14.761 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 133.419 | 20.378 | 304.104 | 12236.844 | 13421.708 | 7.830 | 9126.763 |
| 81.720 | 1.004 | 14.753 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 133.431 | 20.385 | 304.131 | 12236.573 | 13419.570 | 7.828 | 9125.308 |
| 81.722 | 1.004 | 14.749 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 133.440 | 20.377 | 304.150 | 12237.954 | 13423.097 | 7.831 | 9127.706 |
| 81.713 | 1.004 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 133.443 | 20.380 | 304.159 | 12238.184 | 13422.709 | 7.830 | 9127.442 |
| 81.711 | 1.004 | 14.744 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 133.455 | 20.389 | 304.185 | 12238.744 | 13420.748 | 7.829 | 9126.109 |
| 81.708 | 1.004 | 14.733 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 133.462 | 20.388 | 304.202 | 12240.878 | 13423.358 | 7.831 | 9127.884 |
| 81.693 | 1.004 | 14.741 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 133.499 | 20.389 | 304.286 | 12242.759 | 13425.174 | 7.832 | 9129.119 |
| 81.681 | 1.004 | 14.735 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 133.475 | 20.379 | 304.230 | 12241.793 | 13426.813 | 7.833 | 9130.233 |
| 81.687 | 1.004 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 133.503 | 20.373 | 304.294 | 12237.954 | 13424.421 | 7.831 | 9128.606 |
| 81.713 | 1.004 | 14.740 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 133.502 | 20.383 | 304.292 | 12242.004 | 13425.966 | 7.832 | 9129.658 |
| 81.686 | 1.004 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 133.517 | 20.374 | 304.326 | 12245.004 | 13431.688 | 7.836 | 9133.549 |
| 81.666 | 1.004 | 14.734 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 133.513 | 20.386 | 304.317 | 12245.271 | 13428.642 | 7.834 | 9131.478 |
| 81.664 | 1.004 | 14.742 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 133.532 | 20.387 | 304.361 | 12245.888 | 13428.975 | 7.834 | 9131.703 |
| 81.660 | 1.004 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 133.550 | 20.376 | 304.401 | 12243.957 | 13430.096 | 7.835 | 9132.466 |
| 81.673 | 1.004 | 14.740 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 133.549 | 20.386 | 304.400 | 12245.849 | 13429.201 | 7.835 | 9131.856 |
| 81.660 | 1.004 | 14.737 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 133.559 | 20.390 | 304.421 | 12251.101 | 13434.053 | 7.838 | 9135.156 |
| 81.625 | 1.004 | 14.739 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 133.575 | 20.386 | 304.459 | 12246.889 | 13430.587 | 7.835 | 9132.799 |
| 81.653 | 1.004 | 14.737 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 133.589 | 20.384 | 304.492 | 12246.349 | 13430.363 | 7.835 | 9132.647 |
| 81.657 | 1.004 | 14.739 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 133.619 | 20.385 | 304.558 | 12249.464 | 13433.684 | 7.837 | 9134.906 |
| 81.636 | 1.004 | 14.743 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 133.595 | 20.386 | 304.504 | 12247.284 | 13430.825 | 7.836 | 9132.961 |
| 81.651 | 1.004 | 14.740 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 133.598 | 20.396 | 304.510 | 12252.815 | 13434.090 | 7.838 | 9135.183 |
| 81.614 | 1.004 | 14.747 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 133.605 | 20.391 | 304.527 | 12252.868 | 13435.547 | 7.839 | 9136.172 |
| 81.614 | 1.004 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 133.607 | 20.382 | 304.532 | 12250.452 | 13435.427 | 7.838 | 9136.090 |
| 81.630 | 1.004 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 133.662 | 20.384 | 304.657 | 12250.688 | 13435.123 | 7.838 | 9135.885 |
| 81.628 | 1.004 | 14.750 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 133.631 | 20.373 | 304.587 | 12247.504 | 13434.873 | 7.838 | 9135.715 |
| 81.649 | 1.004 | 14.746 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 133.628 | 20.375 | 304.578 | 12248.909 | 13435.850 | 7.839 | 9136.378 |
| 81.640 | 1.004 | 14.743 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 133.633 | 20.380 | 304.591 | 12251.356 | 13437.084 | 7.839 | 9137.218 |
| 81.624 | 1.004 | 14.740 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 133.670 | 20.390 | 304.675 | 12252.712 | 13435.698 | 7.839 | 9136.275 |
| 81.615 | 1.004 | 14.733 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 133.623 | 20.387 | 304.568 | 12253.276 | 13437.198 | 7.840 | 9137.296 |
| 81.611 | 1.004 | 14.730 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 133.657 | 20.379 | 304.646 | 12253.953 | 13440.102 | 7.841 | 9139.270 |
| 81.606 | 1.004 | 14.729 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 133.614 | 20.394 | 304.548 | 12257.195 | 13439.480 | 7.841 | 9138.848 |
| 81.585 | 1.004 | 14.730 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 133.619 | 20.385 | 304.559 | 12252.592 | 13437.039 | 7.839 | 9137.187 |
| 81.615 | 1.004 | 14.717 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 133.603 | 20.388 | 304.523 | 12252.462 | 13435.937 | 7.839 | 9136.438 |
| 81.616 | 1.004 | 14.716 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 133.602 | 20.373 | 304.520 | 12251.312 | 13439.073 | 7.841 | 9138.570 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 81.624 | 1.004 | 14.707 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 133.594 | 20.380 | 304.503 | 12254.985 | 13441.163 | 7.842 | 9139.992 |
| 81.599 | 1.004 | 14.700 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 133.580 | 20.379 | 304.471 | 12253.791 | 13439.999 | 7.841 | 9139.199 |
| 81.607 | 1.004 | 14.708 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 133.569 | 20.385 | 304.444 | 12256.044 | 13440.777 | 7.842 | 9139.729 |
| 81.592 | 1.004 | 14.696 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 133.550 | 20.391 | 304.401 | 12255.365 | 13438.332 | 7.840 | 9138.066 |
| 81.597 | 1.004 | 14.698 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 133.541 | 20.384 | 304.381 | 12253.658 | 13438.552 | 7.840 | 9138.215 |
| 81.608 | 1.004 | 14.694 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 133.531 | 20.386 | 304.359 | 12255.423 | 13439.946 | 7.841 | 9139.164 |
| 81.597 | 1.004 | 14.689 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 133.566 | 20.382 | 304.438 | 12254.466 | 13439.979 | 7.841 | 9139.186 |
| 81.603 | 1.004 | 14.677 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 133.510 | 20.371 | 304.309 | 12251.129 | 13439.294 | 7.841 | 9138.721 |
| 81.625 | 1.004 | 14.688 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 133.487 | 20.371 | 304.258 | 12249.775 | 13437.930 | 7.840 | 9137.793 |
| 81.634 | 1.004 | 14.683 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 133.501 | 20.387 | 304.291 | 12256.985 | 13441.365 | 7.842 | 9140.129 |
| 81.586 | 1.004 | 14.681 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 133.499 | 20.388 | 304.286 | 12256.653 | 13440.732 | 7.842 | 9139.699 |
| 81.588 | 1.004 | 14.679 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 133.447 | 20.383 | 304.167 | 12252.745 | 13437.649 | 7.840 | 9137.602 |
| 81.614 | 1.004 | 14.671 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 133.446 | 20.389 | 304.166 | 12255.234 | 13438.901 | 7.841 | 9138.453 |
| 81.598 | 1.004 | 14.666 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 133.407 | 20.383 | 304.077 | 12253.528 | 13438.508 | 7.840 | 9138.187 |
| 81.609 | 1.004 | 14.664 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 133.433 | 20.368 | 304.136 | 12250.502 | 13439.588 | 7.841 | 9138.921 |
| 81.629 | 1.004 | 14.663 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 133.408 | 20.380 | 304.077 | 12258.010 | 13444.306 | 7.844 | 9142.128 |
| 81.579 | 1.004 | 14.666 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 133.391 | 20.386 | 304.040 | 12255.401 | 13439.872 | 7.841 | 9139.113 |
| 81.597 | 1.004 | 14.662 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 133.442 | 20.390 | 304.156 | 12255.649 | 13438.966 | 7.841 | 9138.497 |
| 81.595 | 1.004 | 14.640 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 133.392 | 20.375 | 304.042 | 12250.571 | 13437.527 | 7.840 | 9137.519 |
| 81.629 | 1.004 | 14.647 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 133.397 | 20.386 | 304.052 | 12255.046 | 13439.385 | 7.841 | 9138.781 |
| 81.599 | 1.004 | 14.637 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 133.388 | 20.391 | 304.033 | 12257.249 | 13440.452 | 7.842 | 9139.508 |
| 81.584 | 1.004 | 14.649 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 133.383 | 20.378 | 304.022 | 12253.701 | 13440.294 | 7.841 | 9139.400 |
| 81.608 | 1.004 | 14.648 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 133.381 | 20.388 | 304.016 | 12253.531 | 13437.234 | 7.840 | 9137.319 |
| 81.609 | 1.004 | 14.644 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 133.388 | 20.373 | 304.033 | 12250.445 | 13438.123 | 7.840 | 9137.924 |
| 81.630 | 1.004 | 14.638 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 133.377 | 20.380 | 304.008 | 12252.954 | 13438.860 | 7.841 | 9138.425 |
| 81.613 | 1.004 | 14.639 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 133.386 | 20.381 | 304.028 | 12256.026 | 13441.815 | 7.842 | 9140.436 |
| 81.593 | 1.004 | 14.625 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 133.383 | 20.389 | 304.022 | 12258.266 | 13442.007 | 7.843 | 9140.564 |
| 81.578 | 1.004 | 14.628 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 133.404 | 20.389 | 304.069 | 12257.494 | 13441.285 | 7.842 | 9140.075 |
| 81.583 | 1.004 | 14.617 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 133.402 | 20.374 | 304.064 | 12252.563 | 13440.079 | 7.841 | 9139.255 |
| 81.616 | 1.004 | 14.624 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 133.400 | 20.386 | 304.059 | 12254.679 | 13439.130 | 7.841 | 9138.609 |
| 81.601 | 1.004 | 14.617 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 133.450 | 20.384 | 304.174 | 12251.251 | 13435.839 | 7.839 | 9136.371 |
| 81.624 | 1.004 | 14.616 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 133.418 | 20.369 | 304.101 | 12251.649 | 13440.354 | 7.841 | 9139.441 |
| 81.622 | 1.004 | 14.619 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 133.469 | 20.384 | 304.216 | 12256.262 | 13441.235 | 7.842 | 9140.040 |
| 81.591 | 1.004 | 14.607 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 133.445 | 20.384 | 304.163 | 12255.660 | 13440.625 | 7.842 | 9139.626 |
| 81.595 | 1.004 | 14.612 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 133.453 | 20.375 | 304.180 | 12254.649 | 13442.195 | 7.843 | 9140.693 |
| 81.602 | 1.004 | 14.635 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 133.455 | 20.373 | 304.185 | 12251.022 | 13438.684 | 7.840 | 9138.305 |
| 81.626 | 1.004 | 14.649 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 133.462 | 20.377 | 304.200 | 12257.906 | 13445.127 | 7.845 | 9142.687 |
| 81.580 | 1.004 | 14.644 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 133.452 | 20.384 | 304.178 | 12255.878 | 13440.913 | 7.842 | 9139.822 |
| 81.593 | 1.004 | 14.659 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 133.469 | 20.392 | 304.216 | 12259.604 | 13442.787 | 7.843 | 9141.096 |
| 81.569 | 1.004 | 14.652 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 133.512 | 20.381 | 304.314 | 12258.691 | 13444.738 | 7.844 | 9142.423 |
| 81.575 | 1.004 | 14.645 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 133.481 | 20.386 | 304.244 | 12263.376 | 13448.520 | 7.847 | 9144.994 |
| 81.544 | 1.004 | 14.655 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 133.482 | 20.382 | 304.246 | 12262.686 | 13448.897 | 7.847 | 9145.250 |
| 81.548 | 1.004 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 133.501 | 20.387 | 304.290 | 12265.196 | 13450.271 | 7.848 | 9146.184 |
| 81.532 | 1.004 | 14.660 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 133.494 | 20.377 | 304.274 | 12268.110 | 13456.173 | 7.851 | 9150.198 |
| 81.512 | 1.004 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 133.493 | 20.385 | 304.272 | 12265.856 | 13451.609 | 7.849 | 9147.095 |
| 81.527 | 1.004 | 14.657 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 133.502 | 20.383 | 304.293 | 12266.022 | 13452.234 | 7.849 | 9147.521 |
| 81.526 | 1.004 | 14.660 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 133.509 | 20.387 | 304.308 | 12267.081 | 13452.387 | 7.849 | 9147.623 |
| 81.519 | 1.004 | 14.651 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 133.511 | 20.379 | 304.314 | 12267.095 | 13454.739 | 7.851 | 9149.224 |
| 81.519 | 1.004 | 14.657 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 133.512 | 20.380 | 304.315 | 12267.394 | 13454.796 | 7.851 | 9149.263 |
| 81.517 | 1.004 | 14.661 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 133.516 | 20.381 | 304.324 | 12273.138 | 13460.652 | 7.854 | 9153.245 |
| 81.479 | 1.004 | 14.657 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 133.524 | 20.380 | 304.342 | 12273.068 | 13460.996 | 7.855 | 9153.478 |
| 81.479 | 1.004 | 14.652 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 133.523 | 20.386 | 304.341 | 12276.047 | 13462.391 | 7.855 | 9154.427 |
| 81.459 | 1.004 | 14.662 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 133.515 | 20.382 | 304.322 | 12271.276 | 13458.319 | 7.853 | 9151.658 |
| 81.491 | 1.004 | 14.666 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 133.513 | 20.387 | 304.318 | 12272.062 | 13457.726 | 7.853 | 9151.255 |
| 81.486 | 1.004 | 14.669 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 133.506 | 20.378 | 304.300 | 12272.896 | 13461.178 | 7.855 | 9153.601 |
| 81.480 | 1.004 | 14.665 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 133.520 | 20.380 | 304.333 | 12271.950 | 13459.718 | 7.854 | 9152.608 |
| 81.487 | 1.004 | 14.666 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 133.510 | 20.389 | 304.311 | 12276.977 | 13462.743 | 7.856 | 9154.666 |
| 81.453 | 1.004 | 14.671 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 133.508 | 20.377 | 304.306 | 12274.385 | 13463.301 | 7.856 | 9155.046 |
| 81.470 | 1.004 | 14.672 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 133.516 | 20.389 | 304.323 | 12282.780 | 13468.938 | 7.860 | 9158.878 |
| 81.415 | 1.004 | 14.668 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 133.508 | 20.377 | 304.306 | 12277.991 | 13467.011 | 7.858 | 9157.568 |
| 81.447 | 1.004 | 14.675 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 133.524 | 20.377 | 304.342 | 12275.252 | 13464.252 | 7.857 | 9155.692 |
| 81.465 | 1.004 | 14.671 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 133.521 | 20.388 | 304.337 | 12275.686 | 13461.528 | 7.855 | 9153.839 |
| 81.462 | 1.004 | 14.676 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 133.509 | 20.384 | 304.309 | 12277.687 | 13464.928 | 7.857 | 9156.151 |
| 81.449 | 1.004 | 14.678 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 133.513 | 20.373 | 304.318 | 12280.327 | 13470.778 | 7.861 | 9160.130 |
| 81.431 | 1.004 | 14.679 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 133.517 | 20.388 | 304.327 | 12286.232 | 13473.144 | 7.862 | 9161.737 |
| 81.392 | 1.004 | 14.680 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 133.525 | 20.386 | 304.345 | 12285.155 | 13472.380 | 7.862 | 9161.220 |
| 81.399 | 1.004 | 14.675 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 5:15:00 AM | 544500.000 | 133.531 | 20.374 | 304.359 | 12279.697 | 13469.893 | 7.860 | 9159.527 |
| 81.435 | 1.004 | 14.669 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 133.539 | 20.371 | 304.376 | 12281.738 | 13472.820 | 7.862 | 9161.519 |
| 81.422 | 1.004 | 14.671 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 133.544 | 20.386 | 304.389 | 12285.632 | 13473.049 | 7.862 | 9161.674 |
| 81.396 | 1.004 | 14.672 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 133.545 | 20.385 | 304.390 | 12286.965 | 13474.711 | 7.863 | 9162.805 |
| 81.387 | 1.004 | 14.673 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 133.552 | 20.384 | 304.406 | 12283.185 | 13470.712 | 7.861 | 9160.085 |
| 81.412 | 1.004 | 14.679 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 133.564 | 20.390 | 304.433 | 12289.756 | 13476.292 | 7.864 | 9163.879 |
| 81.369 | 1.004 | 14.688 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 133.567 | 20.374 | 304.440 | 12283.384 | 13473.787 | 7.863 | 9162.176 |
| 81.411 | 1.004 | 14.681 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 133.578 | 20.390 | 304.466 | 12285.309 | 13471.513 | 7.861 | 9160.629 |
| 81.398 | 1.004 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 133.585 | 20.390 | 304.482 | 12286.736 | 13472.932 | 7.862 | 9161.595 |
| 81.389 | 1.004 | 14.683 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 133.629 | 20.387 | 304.581 | 12287.439 | 13474.564 | 7.863 | 9162.704 |
| 81.384 | 1.004 | 14.687 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 133.597 | 20.391 | 304.508 | 12289.146 | 13475.304 | 7.864 | 9163.207 |
| 81.373 | 1.004 | 14.689 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 133.612 | 20.390 | 304.544 | 12288.753 | 13475.315 | 7.864 | 9163.216 |
| 81.375 | 1.004 | 14.696 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 133.621 | 20.386 | 304.563 | 12286.597 | 13473.984 | 7.863 | 9162.310 |
| 81.390 | 1.004 | 14.698 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 133.626 | 20.393 | 304.576 | 12288.863 | 13474.427 | 7.863 | 9162.611 |
| 81.374 | 1.004 | 14.702 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 133.658 | 20.389 | 304.647 | 12289.495 | 13476.325 | 7.864 | 9163.901 |
| 81.370 | 1.004 | 14.694 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 133.657 | 20.382 | 304.644 | 12288.107 | 13476.898 | 7.865 | 9164.291 |
| 81.379 | 1.004 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 133.667 | 20.378 | 304.668 | 12288.832 | 13478.878 | 7.866 | 9165.637 |
| 81.375 | 1.004 | 14.702 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 133.673 | 20.374 | 304.681 | 12288.191 | 13479.085 | 7.866 | 9165.779 |
| 81.379 | 1.004 | 14.704 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 133.683 | 20.370 | 304.705 | 12290.185 | 13482.529 | 7.868 | 9168.120 |
| 81.366 | 1.004 | 14.714 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 133.678 | 20.376 | 304.694 | 12287.809 | 13478.271 | 7.865 | 9165.224 |
| 81.381 | 1.004 | 14.709 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 133.693 | 20.374 | 304.727 | 12288.090 | 13478.974 | 7.866 | 9165.703 |
| 81.380 | 1.004 | 14.720 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 133.695 | 20.385 | 304.733 | 12290.933 | 13479.063 | 7.866 | 9165.763 |
| 81.361 | 1.004 | 14.719 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 133.694 | 20.392 | 304.730 | 12291.663 | 13477.963 | 7.865 | 9165.016 |
| 81.356 | 1.004 | 14.726 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 133.702 | 20.387 | 304.748 | 12290.666 | 13478.128 | 7.865 | 9165.128 |
| 81.363 | 1.004 | 14.724 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 133.701 | 20.375 | 304.745 | 12291.571 | 13482.646 | 7.868 | 9168.199 |
| 81.357 | 1.004 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 133.734 | 20.384 | 304.822 | 12292.529 | 13481.059 | 7.867 | 9167.121 |
| 81.350 | 1.004 | 14.722 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 133.705 | 20.385 | 304.755 | 12290.613 | 13478.835 | 7.866 | 9165.607 |
| 81.363 | 1.004 | 14.721 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 133.703 | 20.373 | 304.751 | 12288.456 | 13479.646 | 7.866 | 9166.160 |
| 81.377 | 1.004 | 14.719 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 133.705 | 20.375 | 304.755 | 12288.194 | 13478.918 | 7.866 | 9165.665 |
| 81.379 | 1.004 | 14.714 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 133.689 | 20.368 | 304.719 | 12286.027 | 13478.363 | 7.865 | 9165.288 |
| 81.393 | 1.004 | 14.712 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 133.689 | 20.387 | 304.718 | 12290.078 | 13477.656 | 7.865 | 9164.808 |
| 81.366 | 1.004 | 14.708 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 133.674 | 20.388 | 304.685 | 12295.487 | 13483.318 | 7.869 | 9168.656 |
| 81.331 | 1.004 | 14.707 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 133.661 | 20.376 | 304.654 | 12290.574 | 13481.229 | 7.867 | 9167.235 |
| 81.363 | 1.004 | 14.708 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 133.660 | 20.376 | 304.653 | 12291.814 | 13482.565 | 7.868 | 9168.146 |
| 81.355 | 1.004 | 14.704 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 133.649 | 20.373 | 304.628 | 12287.644 | 13478.951 | 7.866 | 9165.687 |
| 81.383 | 1.004 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 133.633 | 20.372 | 304.591 | 12293.031 | 13485.013 | 7.870 | 9169.810 |
| 81.347 | 1.004 | 14.703 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 133.627 | 20.377 | 304.577 | 12287.966 | 13478.051 | 7.865 | 9165.074 |
| 81.380 | 1.004 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 133.598 | 20.380 | 304.512 | 12290.935 | 13480.615 | 7.867 | 9166.818 |
| 81.361 | 1.004 | 14.706 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 133.589 | 20.382 | 304.492 | 12293.136 | 13482.414 | 7.868 | 9168.042 |
| 81.346 | 1.004 | 14.702 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 133.587 | 20.372 | 304.485 | 12290.079 | 13481.673 | 7.868 | 9167.539 |
| 81.366 | 1.004 | 14.706 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 133.564 | 20.369 | 304.432 | 12286.394 | 13478.541 | 7.866 | 9165.409 |
| 81.391 | 1.004 | 14.708 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 133.560 | 20.371 | 304.424 | 12288.514 | 13480.229 | 7.867 | 9166.557 |
| 81.377 | 1.004 | 14.705 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 133.549 | 20.370 | 304.399 | 12287.242 | 13479.129 | 7.866 | 9165.808 |
| 81.385 | 1.004 | 14.703 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 133.516 | 20.384 | 304.325 | 12290.706 | 13479.158 | 7.866 | 9165.829 |
| 81.362 | 1.004 | 14.700 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 133.504 | 20.372 | 304.297 | 12290.074 | 13481.769 | 7.868 | 9167.603 |
| 81.366 | 1.004 | 14.703 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 133.486 | 20.384 | 304.257 | 12292.052 | 13480.585 | 7.867 | 9166.799 |
| 81.353 | 1.004 | 14.702 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 133.476 | 20.371 | 304.233 | 12288.676 | 13480.482 | 7.867 | 9166.729 |
| 81.376 | 1.004 | 14.710 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 133.485 | 20.383 | 304.253 | 12287.834 | 13476.255 | 7.864 | 9163.854 |
| 81.381 | 1.004 | 14.709 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 133.448 | 20.378 | 304.170 | 12293.448 | 13483.843 | 7.869 | 9169.013 |
| 81.344 | 1.004 | 14.707 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 133.440 | 20.387 | 304.151 | 12293.844 | 13481.662 | 7.868 | 9167.531 |
| 81.342 | 1.004 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 133.439 | 20.381 | 304.148 | 12288.844 | 13477.831 | 7.865 | 9164.926 |
| 81.375 | 1.004 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 133.426 | 20.372 | 304.118 | 12286.603 | 13478.083 | 7.865 | 9165.098 |
| 81.389 | 1.004 | 14.704 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 133.406 | 20.385 | 304.073 | 12287.624 | 13475.557 | 7.864 | 9163.380 |
| 81.383 | 1.004 | 14.708 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 133.423 | 20.387 | 304.112 | 12288.288 | 13475.495 | 7.864 | 9163.338 |
| 81.378 | 1.004 | 14.703 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 133.408 | 20.382 | 304.077 | 12286.100 | 13474.673 | 7.863 | 9162.778 |
| 81.393 | 1.004 | 14.706 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 133.417 | 20.386 | 304.097 | 12287.033 | 13474.562 | 7.863 | 9162.702 |
| 81.387 | 1.004 | 14.705 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 133.401 | 20.389 | 304.062 | 12284.103 | 13470.534 | 7.861 | 9159.964 |
| 81.406 | 1.004 | 14.708 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 133.405 | 20.385 | 304.071 | 12287.881 | 13475.814 | 7.864 | 9163.554 |
| 81.381 | 1.004 | 14.703 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 133.416 | 20.381 | 304.095 | 12285.365 | 13474.139 | 7.863 | 9162.414 |
| 81.398 | 1.004 | 14.704 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 133.413 | 20.378 | 304.089 | 12285.890 | 13475.526 | 7.864 | 9163.358 |
| 81.394 | 1.004 | 14.706 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 133.408 | 20.388 | 304.078 | 12288.270 | 13475.403 | 7.864 | 9163.274 |
| 81.378 | 1.004 | 14.705 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 133.419 | 20.384 | 304.104 | 12287.230 | 13475.347 | 7.864 | 9163.235 |
| 81.385 | 1.004 | 14.699 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 133.421 | 20.385 | 304.108 | 12284.689 | 13472.192 | 7.862 | 9161.091 |
| 81.402 | 1.004 | 14.700 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 133.434 | 20.381 | 304.136 | 12284.948 | 13473.559 | 7.862 | 9162.020 |
| 81.400 | 1.004 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 133.440 | 20.378 | 304.150 | 12285.803 | 13475.456 | 7.864 | 9163.311 |
| 81.395 | 1.004 | 14.692 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 133.484 | 20.379 | 304.252 | 12287.565 | 13477.145 | 7.865 | 9164.458 |
| 81.383 | 1.004 | 14.691 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 133.449 | 20.383 | 304.172 | 12287.395 | 13475.846 | 7.864 | 9163.575 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 81.384 | 1.004 | 14.697 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 133.457 | 20.384 | 304.189 | 12290.144 | 13478.565 | 7.866 | 9165.426 |
| 81.366 | 1.004 | 14.692 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 133.470 | 20.379 | 304.220 | 12288.046 | 13477.719 | 7.865 | 9164.850 |
| 81.380 | 1.004 | 14.691 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 133.484 | 20.374 | 304.251 | 12288.941 | 13479.884 | 7.866 | 9166.321 |
| 81.374 | 1.004 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 133.474 | 20.380 | 304.229 | 12291.826 | 13481.594 | 7.868 | 9167.484 |
| 81.355 | 1.004 | 14.689 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 133.498 | 20.381 | 304.282 | 12287.896 | 13476.962 | 7.865 | 9164.334 |
| 81.381 | 1.004 | 14.681 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 133.503 | 20.385 | 304.294 | 12292.824 | 13481.085 | 7.867 | 9167.138 |
| 81.348 | 1.004 | 14.685 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 133.532 | 20.388 | 304.361 | 12293.276 | 13480.818 | 7.867 | 9166.958 |
| 81.345 | 1.004 | 14.688 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 133.544 | 20.389 | 304.388 | 12293.999 | 13481.387 | 7.867 | 9167.343 |
| 81.340 | 1.004 | 14.686 | | | | | | |

Report Date: 1/16/2017 8:33:20 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-8M_2017-01-12_16-10-09-591.wsl
Create Date: 1/12/2017 4:10:07 PM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-8
Device Name:
Serial Number: 410756
Firmware Version: 2.00
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 4:37:25 PM | Sensor SN: 410756 Factory calibration has expired.: 6/10/2016 6:27:04 PM |
| 10/27/2016 4:37:25 PM | Used Battery: 11% Used Memory: 3% User Name: SKuiper |
| 10/27/2016 5:45:09 PM | 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 3:41:58 PM | 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 8:26:15 AM | 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 3:03:29 PM | 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 12:31:09 PM | 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 7:59:17 AM | 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 9:30:12 AM | 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 3:22:12 PM | 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 12:06:43 PM | 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 10:16:35 AM | 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 4:09:59 PM | 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 |

Log Data:
Record Count: 744
Sensors: 1
1 - 410756: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

| | | Sensor: PCTD(G) 231ft SN#: 410756 | Sensor: PCTD(G) 231ft SN#: 410756 |
|---|---|---|---|
| Sensor: PCTD(G) 231ft SN#: 410756 | Sensor: PCTD(G) 231ft SN#: 410756 | Sensor: PCTD(G) 231ft SN#: 410756 | Sensor: PCTD(G) 231ft SN#: 410756 |
| Elapsed Time | | | |
| Date and 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) | | | |
| 1/5/2017 12:00:00 AM | 7200.000 | 71.442 | 17.364 |
| 160.931 | | 41042.051 | 48049.871 |

| | | | | |
|---|---|---|---|---|
| 31.505 | 32.674 | 24.365 | | |
| 1.023 | | | | |
| 1/5/2017 12:15:00 AM | 8100.000 | 71.450 | 17.365 | |
| 160.949 | 41039.930 | 48046.910 | | |
| 31.502 | 32.672 | 24.367 | | |
| 1.023 | | | | |
| 1/5/2017 12:30:00 AM | 9000.000 | 71.444 | 17.360 | |
| 160.934 | 41046.957 | 48059.551 | | |
| 31.511 | 32.680 | 24.362 | | |
| 1.023 | | | | |
| 1/5/2017 12:45:00 AM | 9900.000 | 71.449 | 17.360 | |
| 160.946 | 41023.680 | 48032.484 | | |
| 31.492 | 32.662 | 24.376 | | |
| 1.023 | | | | |
| 1/5/2017 1:00:00 AM | 10800.000 | 71.453 | 17.369 | |
| 160.955 | 41028.516 | 48029.230 | | |
| 31.490 | 32.660 | 24.373 | | |
| 1.023 | | | | |
| 1/5/2017 1:15:00 AM | 11700.000 | 71.464 | 17.358 | |
| 160.981 | 41086.367 | 48108.609 | | |
| 31.547 | 32.714 | 24.339 | | |
| 1.023 | | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 71.472 | 17.361 | |
| 160.997 | 41026.914 | 48035.148 | | |
| 31.494 | 32.664 | 24.374 | | |
| 1.023 | | | | |
| 1/5/2017 1:45:00 AM | 13500.000 | 71.470 | 17.365 | |
| 160.994 | 41075.992 | 48088.941 | | |
| 31.533 | 32.700 | 24.345 | | |
| 1.023 | | | | |
| 1/5/2017 2:00:00 AM | 14400.000 | 71.475 | 17.364 | |
| 161.005 | 41056.316 | 48066.383 | | |
| 31.517 | 32.685 | 24.357 | | |
| 1.023 | | | | |
| 1/5/2017 2:15:00 AM | 15300.000 | 71.488 | 17.363 | |
| 161.033 | 40989.297 | 47988.945 | | |
| 31.460 | 32.632 | 24.397 | | |
| 1.023 | | | | |
| 1/5/2017 2:30:00 AM | 16200.000 | 71.487 | 17.369 | |
| 161.031 | 41050.664 | 48054.781 | | |
| 31.508 | 32.677 | 24.360 | | |
| 1.023 | | | | |
| 1/5/2017 2:45:00 AM | 17100.000 | 71.499 | 17.369 | |
| 161.059 | 41086.793 | 48096.992 | | |
| 31.539 | 32.706 | 24.339 | | |
| 1.023 | | | | |
| 1/5/2017 3:00:00 AM | 18000.000 | 71.508 | 17.364 | |
| 161.079 | 41084.051 | 48099.320 | | |
| 31.541 | 32.708 | 24.340 | | |
| 1.023 | | | | |
| 1/5/2017 3:15:00 AM | 18900.000 | 71.511 | 17.365 | |
| 161.086 | 41029.211 | 48033.430 | | |
| 31.493 | 32.663 | 24.373 | | |
| 1.023 | | | | |
| 1/5/2017 3:30:00 AM | 19800.000 | 71.527 | 17.357 | |
| 161.121 | 41045.770 | 48062.105 | | |
| 31.513 | 32.682 | 24.363 | | |

1.023
1/5/2017 3:45:00 AM 20700.000 71.530 17.365
161.129 41051.035 48060.012
31.512 32.681 24.360
1.023
1/5/2017 4:00:00 AM 21600.000 71.539 17.367
161.149 41059.664 48067.578
31.518 32.686 24.355
1.023
1/5/2017 4:15:00 AM 22500.000 71.547 17.361
161.166 41095.102 48115.172
31.552 32.718 24.334
1.023
1/5/2017 4:30:00 AM 23400.000 71.559 17.364
161.194 41009.063 48011.250
31.476 32.648 24.385
1.023
1/5/2017 4:45:00 AM 24300.000 71.560 17.365
161.196 41010.453 48012.500
31.477 32.649 24.384
1.023
1/5/2017 5:00:00 AM 25200.000 71.574 17.361
161.227 41075.406 48091.828
31.535 32.702 24.345
1.023
1/5/2017 5:15:00 AM 26100.000 71.570 17.366
161.218 41034.992 48039.539
31.497 32.667 24.369
1.023
1/5/2017 5:30:00 AM 27000.000 71.581 17.359
161.242 41044.191 48058.367
31.510 32.680 24.364
1.023
1/5/2017 5:45:00 AM 27900.000 71.577 17.366
161.235 41039.816 48045.277
31.501 32.671 24.367
1.023
1/5/2017 6:00:00 AM 28800.000 71.587 17.361
161.257 41047.016 48058.684
31.511 32.680 24.362
1.023
1/5/2017 6:15:00 AM 29700.000 71.583 17.363
161.248 41058.176 48070.332
31.519 32.688 24.356
1.023
1/5/2017 6:30:00 AM 30600.000 71.583 17.363
161.248 41033.563 48040.957
31.498 32.668 24.370
1.023
1/5/2017 6:45:00 AM 31500.000 71.587 17.363
161.257 41031.188 48038.461
31.496 32.666 24.372
1.023
1/5/2017 7:00:00 AM 32400.000 71.580 17.370
161.242 41024.652 48022.734
31.485 32.655 24.376
1.023

1/5/2017 7:15:00 AM 33300.000 71.581 17.360
161.243 41016.520 48024.855
31.486 32.657 24.380
1.023
1/5/2017 7:30:00 AM 34200.000 71.578 17.369
161.236 41069.664 48076.941
31.525 32.692 24.349
1.023
1/5/2017 7:45:00 AM 35100.000 71.575 17.361
161.229 41010.352 48016.504
31.480 32.651 24.384
1.023
1/5/2017 8:00:00 AM 36000.000 71.579 17.365
161.238 41064.004 48074.719
31.523 32.691 24.352
1.023
1/5/2017 8:15:00 AM 36900.000 71.570 17.366
161.218 41017.445 48018.625
31.482 32.653 24.380
1.023
1/5/2017 8:30:00 AM 37800.000 71.565 17.365
161.206 41035.602 48041.379
31.498 32.668 24.369
1.023
1/5/2017 8:45:00 AM 38700.000 71.555 17.360
161.184 40999.406 48004.160
31.471 32.643 24.391
1.023
1/5/2017 9:00:00 AM 39600.000 71.558 17.367
161.192 41055.902 48062.879
31.514 32.683 24.357
1.023
1/5/2017 9:15:00 AM 40500.000 71.557 17.359
161.190 41022.953 48032.953
31.492 32.662 24.377
1.023
1/5/2017 9:30:00 AM 41400.000 71.548 17.363
161.169 41076.008 48090.750
31.534 32.702 24.345
1.023
1/5/2017 9:45:00 AM 42300.000 71.531 17.370
161.131 41051.410 48054.055
31.508 32.677 24.360
1.023
1/5/2017 10:00:00 AM 43200.000 71.536 17.369
161.142 41072.852 48081.051
31.528 32.695 24.347
1.023
1/5/2017 10:15:00 AM 44100.000 71.529 17.367
161.125 41048.113 48053.574
31.507 32.676 24.362
1.023
1/5/2017 10:30:00 AM 45000.000 71.525 17.383
161.118 41116.555 48116.613
31.554 32.719 24.321
1.023
1/5/2017 10:45:00 AM 45900.000 71.525 17.375

161.118 41071.152 48072.672
31.522 32.689 24.348
1.023
1/5/2017 11:00:00 AM 46800.000 71.530 17.369
161.127 41085.613 48095.988
31.539 32.705 24.339
1.023
1/5/2017 11:15:00 AM 47700.000 71.516 17.367
161.096 41068.836 48077.754
31.525 32.693 24.349
1.023
1/5/2017 11:30:00 AM 48600.000 71.517 17.364
161.100 41063.109 48075.172
31.523 32.691 24.353
1.023
1/5/2017 11:45:00 AM 49500.000 71.508 17.364
161.079 41044.785 48053.441
31.507 32.676 24.364
1.023
1/5/2017 12:00:00 PM 50400.000 71.508 17.365
161.079 41082.691 48096.887
31.539 32.706 24.341
1.023
1/5/2017 12:15:00 PM 51300.000 71.508 17.369
161.079 41057.031 48061.867
31.514 32.682 24.356
1.023
1/5/2017 12:30:00 PM 52200.000 71.507 17.364
161.076 41033.645 48040.586
31.498 32.668 24.370
1.023
1/5/2017 12:45:00 PM 53100.000 71.505 17.370
161.073 41071.098 48077.586
31.525 32.693 24.348
1.023
1/5/2017 1:00:00 PM 54000.000 71.505 17.363
161.073 41053.168 48063.723
31.515 32.683 24.359
1.023
1/5/2017 1:15:00 PM 54900.000 71.507 17.364
161.077 41063.555 48075.602
31.523 32.691 24.352
1.023
1/5/2017 1:30:00 PM 55800.000 71.509 17.359
161.080 41045.215 48058.914
31.511 32.680 24.363
1.023
1/5/2017 1:45:00 PM 56700.000 71.505 17.368
161.071 41105.195 48119.473
31.556 32.721 24.328
1.023
1/5/2017 2:00:00 PM 57600.000 71.507 17.369
161.076 41072.336 48079.688
31.527 32.694 24.347
1.023
1/5/2017 2:15:00 PM 58500.000 71.513 17.365
161.091 41073.875 48085.816

| | | | |
|---|---|---|---|
| 31.531 | 32.698 | 24.346 | |
| 1.023 | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 71.509 | 17.358 |
| 161.082 | 41061.098 | 48079.207 | |
| 31.526 | 32.694 | 24.354 | |
| 1.023 | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 71.513 | 17.368 |
| 161.091 | 41057.188 | 48063.172 | |
| 31.514 | 32.683 | 24.356 | |
| 1.023 | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 71.515 | 17.365 |
| 161.095 | 41061.836 | 48071.813 | |
| 31.521 | 32.689 | 24.354 | |
| 1.023 | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 71.521 | 17.369 |
| 161.109 | 41038.496 | 48040.348 | |
| 31.498 | 32.667 | 24.367 | |
| 1.023 | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 71.517 | 17.360 |
| 161.098 | 41057.359 | 48071.828 | |
| 31.520 | 32.689 | 24.356 | |
| 1.023 | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 71.521 | 17.362 |
| 161.107 | 41056.145 | 48069.086 | |
| 31.518 | 32.687 | 24.357 | |
| 1.023 | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 71.523 | 17.362 |
| 161.112 | 41072.266 | 48087.961 | |
| 31.532 | 32.700 | 24.347 | |
| 1.023 | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 71.520 | 17.366 |
| 161.105 | 41053.895 | 48061.668 | |
| 31.513 | 32.682 | 24.358 | |
| 1.023 | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 71.523 | 17.365 |
| 161.112 | 41062.227 | 48072.367 | |
| 31.521 | 32.689 | 24.353 | |
| 1.023 | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 71.519 | 17.368 |
| 161.104 | 41062.582 | 48069.387 | |
| 31.519 | 32.687 | 24.353 | |
| 1.023 | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 71.521 | 17.370 |
| 161.109 | 41044.461 | 48046.027 | |
| 31.502 | 32.671 | 24.364 | |
| 1.023 | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 71.525 | 17.364 |
| 161.118 | 41053.813 | 48063.543 | |
| 31.515 | 32.683 | 24.358 | |
| 1.023 | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 71.532 | 17.369 |
| 161.133 | 41033.973 | 48035.430 | |
| 31.494 | 32.664 | 24.370 | |
| 1.023 | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 71.519 | 17.364 |
| 161.104 | 41017.066 | 48020.988 | |
| 31.483 | 32.654 | 24.380 | |

1.023
1/5/2017 6:00:00 PM 72000.000 71.524 17.366
161.115 41109.398 48127.023
31.561 32.726 24.325
1.023
1/5/2017 6:15:00 PM 72900.000 71.519 17.370
161.104 41073.266 48080.125
31.527 32.694 24.347
1.023
1/5/2017 6:30:00 PM 73800.000 71.521 17.364
161.107 41064.680 48076.641
31.524 32.692 24.352
1.023
1/5/2017 6:45:00 PM 74700.000 71.515 17.369
161.095 41084.984 48095.063
31.538 32.705 24.340
1.023
1/5/2017 7:00:00 PM 75600.000 71.508 17.363
161.079 41042.066 48050.914
31.505 32.675 24.365
1.023
1/5/2017 7:15:00 PM 76500.000 71.505 17.361
161.073 41099.574 48120.500
31.556 32.722 24.331
1.023
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1/7/2017 10:00:00 AM 216000.000 71.637
17.374 161.369 41076.277
48079.227 31.527 32.694
24.345 1.023
1/7/2017 10:15:00 AM 216900.000 71.632
17.368 161.357 41117.367
48134.098 31.566 32.731
24.321 1.023
1/7/2017 10:30:00 AM 217800.000 71.618
17.366 161.326 41083.266
48096.621 31.539 32.706
24.341 1.023
1/7/2017 10:45:00 AM 218700.000 71.619
17.364 161.328 41041.375
48049.078 31.504 32.673
24.366 1.023
1/7/2017 11:00:00 AM 219600.000 71.600
17.375 161.285 41057.305
48056.555 31.510 32.678
24.356 1.023
1/7/2017 11:15:00 AM 220500.000 71.595
17.362 161.275 41082.129
48099.316 31.541 32.708
24.341 1.023
1/7/2017 11:30:00 AM 221400.000 71.586
17.366 161.254 41045.914
48052.230 31.506 32.676
24.363 1.023
1/7/2017 11:45:00 AM 222300.000 71.584
17.367 161.250 41065.250
48073.637 31.522 32.690
24.351 1.023
1/7/2017 12:00:00 PM 223200.000 71.577
17.367 161.233 41039.102
48043.789 31.500 32.670
24.367 1.023
1/7/2017 12:15:00 PM 224100.000 71.574
17.363 161.227 41027.527
48034.637 31.493 32.664
24.374 1.023
1/7/2017 12:30:00 PM 225000.000 71.560
17.363 161.196 41041.777
48050.859 31.505 32.675

24.365 1.023
1/7/2017 12:45:00 PM 225900.000 71.552
17.371 161.178 41042.699
48043.777 31.500 32.670
24.365 1.023
1/7/2017 1:00:00 PM 226800.000 71.545 17.364
161.162 41046.098 48054.418
31.508 32.677 24.363
1.023
1/7/2017 1:15:00 PM 227700.000 71.541 17.364
161.154 41071.422 48084.715
31.530 32.698 24.348
1.023
1/7/2017 1:30:00 PM 228600.000 71.528 17.374
161.124 41030.594 48025.664
31.487 32.657 24.372
1.023
1/7/2017 1:45:00 PM 229500.000 71.522 17.361
161.109 41078.719 48096.457
31.538 32.706 24.344
1.023
1/7/2017 2:00:00 PM 230400.000 71.517 17.367
161.098 41085.020 48097.074
31.539 32.706 24.340
1.023
1/7/2017 2:15:00 PM 231300.000 71.517 17.369
161.100 41105.984 48119.078
31.555 32.721 24.327
1.023
1/7/2017 2:30:00 PM 232200.000 71.508 17.366
161.079 41042.320 48048.309
31.503 32.673 24.365
1.023
1/7/2017 2:45:00 PM 233100.000 71.505 17.368
161.073 41075.918 48085.098
31.531 32.698 24.345
1.023
1/7/2017 3:00:00 PM 234000.000 71.506 17.369
161.074 41095.832 48107.289
31.547 32.713 24.333
1.023
1/7/2017 3:15:00 PM 234900.000 71.499 17.363
161.058 41088.223 48105.617
31.545 32.712 24.338
1.023
1/7/2017 3:30:00 PM 235800.000 71.495 17.366
161.050 41069.508 48080.137
31.527 32.694 24.349
1.023
1/7/2017 3:45:00 PM 236700.000 71.499 17.364
161.060 41028.129 48033.383
31.492 32.663 24.374
1.023
1/7/2017 4:00:00 PM 237600.000 71.499 17.358
161.057 41019.031 48029.949
31.490 32.660 24.379
1.023

1/7/2017 4:15:00 PM 238500.000 71.505 17.367
161.071 41056.449 48063.520
31.515 32.683 24.357
1.023
1/7/2017 4:30:00 PM 239400.000 71.499 17.354
161.057 41032.875 48050.473
31.504 32.674 24.371
1.023
1/7/2017 4:45:00 PM 240300.000 71.505 17.357
161.071 41025.715 48038.242
31.496 32.666 24.375
1.023
1/7/2017 5:00:00 PM 241200.000 71.508 17.357
161.079 41064.004 48083.270
31.529 32.697 24.352
1.023
1/7/2017 5:15:00 PM 242100.000 71.513 17.357
161.089 41062.926 48081.625
31.527 32.696 24.353
1.023
1/7/2017 5:30:00 PM 243000.000 71.509 17.371
161.082 41034.395 48033.219
31.493 32.663 24.370
1.023
1/7/2017 5:45:00 PM 243900.000 71.518 17.362
161.101 41093.281 48111.914
31.550 32.716 24.335
1.023
1/7/2017 6:00:00 PM 244800.000 71.521 17.363
161.109 41100.035 48119.527
31.555 32.721 24.331
1.023
1/7/2017 6:15:00 PM 245700.000 71.522 17.366
161.109 41061.195 48070.215
31.520 32.688 24.354
1.023
1/7/2017 6:30:00 PM 246600.000 71.529 17.365
161.127 41044.527 48051.359
31.506 32.675 24.364
1.023
1/7/2017 6:45:00 PM 247500.000 71.537 17.363
161.144 41082.809 48098.613
31.540 32.707 24.341
1.023
1/7/2017 7:00:00 PM 248400.000 71.536 17.359
161.142 41096.195 48118.605
31.554 32.721 24.333
1.023
1/7/2017 7:15:00 PM 249300.000 71.545 17.366
161.162 41033.445 48037.730
31.496 32.666 24.370
1.023
1/7/2017 7:30:00 PM 250200.000 71.540 17.373
161.151 41070.016 48072.832
31.522 32.690 24.349
1.023
1/7/2017 7:45:00 PM 251100.000 71.541 17.362

161.154 41016.395 48022.547
31.484 32.655 24.380
1.023
1/7/2017 8:00:00 PM 252000.000 71.545 17.359
161.162 41031.707 48043.098
31.499 32.669 24.371
1.023
1/7/2017 8:15:00 PM 252900.000 71.551 17.364
161.175 41058.863 48070.199
31.519 32.688 24.355
1.023
1/7/2017 8:30:00 PM 253800.000 71.557 17.360
161.188 41009.707 48016.500
31.480 32.651 24.384
1.023
1/7/2017 8:45:00 PM 254700.000 71.547 17.359
161.166 41077.234 48096.133
31.538 32.705 24.344
1.023
1/7/2017 9:00:00 PM 255600.000 71.559 17.362
161.194 41072.789 48088.574
31.533 32.700 24.347
1.023
1/7/2017 9:15:00 PM 256500.000 71.552 17.357
161.178 41040.781 48055.887
31.509 32.678 24.366
1.023
1/7/2017 9:30:00 PM 257400.000 71.551 17.372
161.175 41107.020 48117.188
31.554 32.720 24.327
1.023
1/7/2017 9:45:00 PM 258300.000 71.559 17.360
161.195 41043.379 48056.195
31.509 32.678 24.364
1.023
1/7/2017 10:00:00 PM 259200.000 71.564
17.365 161.205 41068.691
48080.684 31.527 32.695
24.349 1.023
1/7/2017 10:15:00 PM 260100.000 71.562
17.368 161.200 41063.156
48070.445 31.520 32.688
24.353 1.023
1/7/2017 10:30:00 PM 261000.000 71.547
17.360 161.166 41088.023
48108.387 31.547 32.714
24.338 1.023
1/7/2017 10:45:00 PM 261900.000 71.552
17.363 161.178 41043.609
48052.531 31.506 32.676
24.364 1.023
1/7/2017 11:00:00 PM 262800.000 71.556
17.365 161.187 41039.074
48045.820 31.502 32.671
24.367 1.023
1/7/2017 11:15:00 PM 263700.000 71.557
17.364 161.190 41030.738

48036.902 31.495 32.665
24.372 1.023
1/7/2017 11:30:00 PM 264600.000 71.551
17.367 161.175 41056.430
48064.172 31.515 32.684
24.357 1.023
1/7/2017 11:45:00 PM 265500.000 71.547
17.366 161.166 41090.563
48104.410 31.545 32.711
24.336 1.023
1/8/2017 12:00:00 AM 266400.000 71.546
17.368 161.163 41070.266
48079.238 31.526 32.694
24.349 1.023
1/8/2017 12:15:00 AM 267300.000 71.538
17.361 161.145 41048.813
48060.691 31.512 32.681
24.361 1.023
1/8/2017 12:30:00 AM 268200.000 71.547
17.364 161.166 41097.063
48113.988 31.551 32.718
24.333 1.023
1/8/2017 12:45:00 AM 269100.000 71.557
17.361 161.190 41056.363
48069.816 31.519 32.687
24.357 1.023
1/8/2017 1:00:00 AM 270000.000 71.544 17.366
161.160 41076.664 48088.227
31.533 32.700 24.345
1.023
1/8/2017 1:15:00 AM 270900.000 71.562 17.371
161.200 41099.336 48109.512
31.549 32.714 24.331
1.023
1/8/2017 1:30:00 AM 271800.000 71.560 17.359
161.196 41028.742 48039.922
31.497 32.667 24.373
1.023
1/8/2017 1:45:00 AM 272700.000 71.564 17.365
161.205 41042.051 48048.746
31.504 32.673 24.365
1.023
1/8/2017 2:00:00 AM 273600.000 71.574 17.361
161.228 41084.730 48102.840
31.543 32.710 24.340
1.023
1/8/2017 2:15:00 AM 274500.000 71.569 17.365
161.217 41046.957 48054.762
31.508 32.677 24.362
1.023
1/8/2017 2:30:00 AM 275400.000 71.574 17.367
161.227 41081.418 48093.137
31.536 32.703 24.342
1.023
1/8/2017 2:45:00 AM 276300.000 71.587 17.362
161.257 41065.297 48079.152
31.526 32.694 24.351

1.023
1/8/2017 3:00:00 AM 277200.000 71.581 17.367
161.244 41045.672 48050.902
31.505 32.675 24.363
1.023
1/8/2017 3:15:00 AM 278100.000 71.589 17.363
161.261 41107.645 48127.504
31.561 32.727 24.326
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1/8/2017 3:30:00 AM 279000.000 71.595 17.363
161.275 41053.953 48064.645
31.515 32.684 24.358
1.023
1/8/2017 3:45:00 AM 279900.000 71.606 17.370
161.298 41085.090 48094.344
31.537 32.704 24.340
1.023
1/8/2017 4:00:00 AM 280800.000 71.620 17.367
161.331 41114.484 48131.848
31.565 32.730 24.322
1.023
1/8/2017 4:15:00 AM 281700.000 71.630 17.366
161.354 41094.051 48108.402
31.547 32.714 24.334
1.023
1/8/2017 4:30:00 AM 282600.000 71.640 17.368
161.376 41118.723 48135.773
31.568 32.732 24.320
1.023
1/8/2017 4:45:00 AM 283500.000 71.654 17.360
161.409 41054.816 48069.316
31.518 32.687 24.358
1.023
1/8/2017 5:00:00 AM 284400.000 71.655 17.362
161.410 41035.555 48044.887
31.501 32.671 24.369
1.023
1/8/2017 5:15:00 AM 285300.000 71.678 17.371
161.461 41017.395 48013.969
31.479 32.650 24.380
1.023
1/8/2017 5:30:00 AM 286200.000 71.679 17.362
161.464 41056.965 48069.395
31.519 32.687 24.356
1.023
1/8/2017 5:45:00 AM 287100.000 71.687 17.359
161.482 41069.828 48087.918
31.532 32.700 24.349
1.023
1/8/2017 6:00:00 AM 288000.000 71.696 17.367
161.502 41057.660 48065.234
31.516 32.684 24.356
1.023
1/8/2017 6:15:00 AM 288900.000 71.708 17.365
161.530 41062.871 48073.680
31.522 32.690 24.353
1.023

1/8/2017 6:30:00 AM 289800.000 71.712 17.362
161.538 41085.094 48102.520
31.543 32.710 24.340
1.023
1/8/2017 6:45:00 AM 290700.000 71.724 17.370
161.566 41027.941 48027.152
31.488 32.658 24.374
1.023
1/8/2017 7:00:00 AM 291600.000 71.728 17.372
161.575 41047.773 48048.406
31.504 32.673 24.362
1.023
1/8/2017 7:15:00 AM 292500.000 71.746 17.364
161.615 41059.547 48071.000
31.520 32.688 24.355
1.023
1/8/2017 7:30:00 AM 293400.000 71.752 17.366
161.628 41059.527 48068.074
31.518 32.686 24.355
1.023
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161.633 41047.789 48061.926
31.513 32.682 24.362
1.023
1/8/2017 8:00:00 AM 295200.000 71.758 17.364
161.643 41048.516 48057.152
31.510 32.679 24.361
1.023
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161.646 41114.785 48132.766
31.565 32.730 24.322
1.023
1/8/2017 8:30:00 AM 297000.000 71.766 17.365
161.660 41054.672 48064.270
31.515 32.684 24.358
1.023
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161.662 41090.531 48110.199
31.548 32.715 24.337
1.023
1/8/2017 9:00:00 AM 298800.000 71.765 17.364
161.659 41078.477 48092.328
31.536 32.703 24.344
1.023
1/8/2017 9:15:00 AM 299700.000 71.765 17.355
161.659 41028.121 48043.027
31.499 32.669 24.374
1.023
1/8/2017 9:30:00 AM 300600.000 71.764 17.363
161.656 41110.387 48131.379
31.564 32.729 24.325
1.023
1/8/2017 9:45:00 AM 301500.000 71.764 17.362
161.656 41025.238 48032.902
31.492 32.662 24.375
1.023
1/8/2017 10:00:00 AM 302400.000 71.761

17.360 161.649 41062.551
48077.906 31.525 32.693
24.353 1.023
1/8/2017 10:15:00 AM 303300.000 71.754
17.366 161.633 41100.055
48115.711 31.553 32.719
24.331 1.023
1/8/2017 10:30:00 AM 304200.000 71.745
17.373 161.613 41080.160
48085.273 31.531 32.698
24.343 1.023
1/8/2017 10:45:00 AM 305100.000 71.745
17.364 161.613 41080.754
48095.273 31.538 32.705
24.342 1.023
1/8/2017 11:00:00 AM 306000.000 71.736
17.369 161.593 41046.512
48049.840 31.505 32.674
24.363 1.023
1/8/2017 11:15:00 AM 306900.000 71.723
17.371 161.562 41070.754
48075.863 31.524 32.692
24.348 1.023
1/8/2017 11:30:00 AM 307800.000 71.715
17.370 161.546 41100.777
48112.141 31.550 32.716
24.330 1.023
1/8/2017 11:45:00 AM 308700.000 71.710
17.366 161.534 41061.480
48070.551 31.520 32.688
24.354 1.023
1/8/2017 12:00:00 PM 309600.000 71.696
17.366 161.503 41024.965
48028.176 31.489 32.659
24.375 1.023
1/8/2017 12:15:00 PM 310500.000 71.684
17.366 161.475 41063.738
48073.762 31.522 32.690
24.352 1.023
1/8/2017 12:30:00 PM 311400.000 71.692
17.368 161.492 41105.367
48119.672 31.556 32.721
24.328 1.023
1/8/2017 12:45:00 PM 312300.000 71.669
17.365 161.441 41060.230
48070.113 31.519 32.688
24.354 1.023
1/8/2017 1:00:00 PM 313200.000 71.666 17.367
161.434 41042.457 48047.246
31.503 32.672 24.365
1.023
1/8/2017 1:15:00 PM 314100.000 71.656 17.360
161.412 41072.895 48090.574
31.534 32.702 24.347
1.023
1/8/2017 1:30:00 PM 315000.000 71.641 17.361
161.378 41037.172 48047.539

| | | | |
|---|---|---|---|
| 31.503 | 32.672 | 24.368 | |
| 1.023 | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 71.629 | 17.365 |
| 161.351 | 41058.348 | 48067.910 | |
| 31.518 | 32.686 | 24.356 | |
| 1.023 | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 71.628 | 17.369 |
| 161.350 | 41027.816 | 48028.410 | |
| 31.489 | 32.659 | 24.374 | |
| 1.023 | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 71.618 | 17.358 |
| 161.327 | 41085.207 | 48106.871 | |
| 31.546 | 32.713 | 24.340 | |
| 1.023 | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 71.602 | 17.373 |
| 161.291 | 41037.621 | 48035.023 | |
| 31.494 | 32.664 | 24.368 | |
| 1.023 | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 71.599 | 17.368 |
| 161.284 | 41078.191 | 48087.570 | |
| 31.532 | 32.700 | 24.344 | |
| 1.023 | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 71.596 | 17.362 |
| 161.277 | 41079.527 | 48095.895 | |
| 31.538 | 32.705 | 24.343 | |
| 1.023 | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 71.581 | 17.364 |
| 161.243 | 41068.746 | 48081.121 | |
| 31.527 | 32.695 | 24.349 | |
| 1.023 | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 71.579 | 17.366 |
| 161.238 | 41086.242 | 48099.727 | |
| 31.541 | 32.708 | 24.339 | |
| 1.023 | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 71.578 | 17.359 |
| 161.236 | 41026.230 | 48037.246 | |
| 31.495 | 32.665 | 24.375 | |
| 1.023 | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 71.575 | 17.372 |
| 161.229 | 41029.352 | 48027.031 | |
| 31.488 | 32.658 | 24.373 | |
| 1.023 | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 71.574 | 17.367 |
| 161.228 | 41061.680 | 48069.840 | |
| 31.519 | 32.687 | 24.354 | |
| 1.023 | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 71.571 | 17.369 |
| 161.221 | 41002.637 | 47998.563 | |
| 31.467 | 32.639 | 24.389 | |
| 1.023 | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 71.574 | 17.366 |
| 161.228 | 41114.539 | 48133.043 | |
| 31.565 | 32.730 | 24.322 | |
| 1.023 | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 71.573 | 17.364 |
| 161.224 | 41072.074 | 48085.297 | |
| 31.530 | 32.698 | 24.347 | |

1.023
1/8/2017 5:15:00 PM 328500.000 71.581 17.366
161.244 41043.453 48049.070
31.504 32.673 24.364
1.023
1/8/2017 5:30:00 PM 329400.000 71.584 17.366
161.250 41088.645 48102.352
31.543 32.710 24.338
1.023
1/8/2017 5:45:00 PM 330300.000 71.578 17.370
161.236 41062.102 48066.867
31.517 32.685 24.353
1.023
1/8/2017 6:00:00 PM 331200.000 71.581 17.361
161.244 41040.164 48050.660
31.505 32.674 24.366
1.023
1/8/2017 6:15:00 PM 332100.000 71.580 17.367
161.242 41095.977 48109.902
31.549 32.715 24.333
1.023
1/8/2017 6:30:00 PM 333000.000 71.589 17.362
161.262 41044.871 48055.605
31.509 32.678 24.364
1.023
1/8/2017 6:45:00 PM 333900.000 71.599 17.366
161.284 41057.063 48065.754
31.516 32.685 24.356
1.023
1/8/2017 7:00:00 PM 334800.000 71.605 17.365
161.297 41111.211 48129.797
31.563 32.728 24.324
1.023
1/8/2017 7:15:00 PM 335700.000 71.610 17.364
161.309 41098.863 48116.098
31.553 32.719 24.332
1.023
1/8/2017 7:30:00 PM 336600.000 71.606 17.366
161.298 41115.395 48133.855
31.566 32.731 24.322
1.023
1/8/2017 7:45:00 PM 337500.000 71.616 17.358
161.321 41039.563 48053.141
31.507 32.676 24.367
1.023
1/8/2017 8:00:00 PM 338400.000 71.622 17.364
161.335 41094.430 48111.191
31.549 32.716 24.334
1.023
1/8/2017 8:15:00 PM 339300.000 71.632 17.366
161.359 41041.891 48047.707
31.503 32.672 24.365
1.023
1/8/2017 8:30:00 PM 340200.000 71.631 17.361
161.357 41031.250 48040.316
31.497 32.667 24.372
1.023

1/8/2017 8:45:00 PM 341100.000 71.640 17.361
161.375 41044.559 48056.375
31.509 32.678 24.364
1.023
1/8/2017 9:00:00 PM 342000.000 71.639 17.358
161.374 41040.086 48054.129
31.507 32.677 24.366
1.023
1/8/2017 9:15:00 PM 342900.000 71.644 17.363
161.385 41042.922 48052.391
31.506 32.676 24.365
1.023
1/8/2017 9:30:00 PM 343800.000 71.652 17.350
161.403 41050.289 48074.246
31.522 32.690 24.360
1.023
1/8/2017 9:45:00 PM 344700.000 71.651 17.360
161.400 41092.852 48113.473
31.551 32.717 24.335
1.023
1/8/2017 10:00:00 PM 345600.000 71.652
17.366 161.403 41067.605
48077.910 31.525 32.693
24.350 1.023
1/8/2017 10:15:00 PM 346500.000 71.660
17.365 161.422 41098.430
48114.930 31.552 32.718
24.332 1.023
1/8/2017 10:30:00 PM 347400.000 71.652
17.372 161.403 41093.012
48101.551 31.543 32.709
24.335 1.023
1/8/2017 10:45:00 PM 348300.000 71.655
17.366 161.410 41046.938
48053.430 31.507 32.676
24.362 1.023
1/8/2017 11:00:00 PM 349200.000 71.649
17.365 161.397 41042.883
48050.367 31.505 32.674
24.365 1.023
1/8/2017 11:15:00 PM 350100.000 71.656
17.369 161.412 41057.371
48062.074 31.514 32.682
24.356 1.023
1/8/2017 11:30:00 PM 351000.000 71.663
17.363 161.428 41095.422
48113.102 31.551 32.717
24.334 1.023
1/8/2017 11:45:00 PM 351900.000 71.649
17.372 161.397 41087.707
48095.340 31.538 32.705
24.338 1.023
1/9/2017 12:00:00 AM 352800.000 71.647
17.365 161.391 41036.352
48042.156 31.499 32.669
24.369 1.023
1/9/2017 12:15:00 AM 353700.000 71.651

17.361 161.400 41088.848
48108.410 31.547 32.714
24.338 1.023
1/9/2017 12:30:00 AM 354600.000 71.640
17.363 161.376 41057.930
48069.484 31.519 32.687
24.356 1.023
1/9/2017 12:45:00 AM 355500.000 71.645
17.370 161.387 41021.012
48019.227 31.482 32.653
24.378 1.023
1/9/2017 1:00:00 AM 356400.000 71.654 17.365
161.409 41080.852 48094.172
31.537 32.704 24.342
1.023
1/9/2017 1:15:00 AM 357300.000 71.652 17.361
161.403 41042.340 48053.488
31.507 32.676 24.365
1.023
1/9/2017 1:30:00 AM 358200.000 71.648 17.358
161.394 41092.504 48115.691
31.552 32.719 24.335
1.023
1/9/2017 1:45:00 AM 359100.000 71.645 17.362
161.388 41056.645 48069.672
31.519 32.687 24.357
1.023
1/9/2017 2:00:00 AM 360000.000 71.648 17.363
161.394 41084.457 48100.727
31.542 32.708 24.340
1.023
1/9/2017 2:15:00 AM 360900.000 71.646 17.365
161.389 41069.301 48080.363
31.527 32.695 24.349
1.023
1/9/2017 2:30:00 AM 361800.000 71.638 17.371
161.372 41109.516 48121.801
31.558 32.723 24.325
1.023
1/9/2017 2:45:00 AM 362700.000 71.642 17.365
161.380 41089.934 48105.453
31.545 32.712 24.337
1.023
1/9/2017 3:00:00 AM 363600.000 71.652 17.362
161.403 41048.105 48059.582
31.511 32.681 24.362
1.023
1/9/2017 3:15:00 AM 364500.000 71.654 17.361
161.407 41120.484 48145.359
31.574 32.739 24.319
1.023
1/9/2017 3:30:00 AM 365400.000 71.652 17.366
161.404 41053.211 48060.961
31.513 32.681 24.359
1.023
1/9/2017 3:45:00 AM 366300.000 71.667 17.359
161.437 41091.445 48113.230

| | | | |
|---|---|---|---|
| 31.551 | 32.717 | 24.336 | |
| 1.023 | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 71.669 | 17.365 |
| 161.441 | 41023.223 | 48026.418 | |
| 31.487 | 32.658 | 24.376 | |
| 1.023 | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 71.674 | 17.362 |
| 161.452 | 41024.305 | 48031.051 | |
| 31.491 | 32.661 | 24.376 | |
| 1.023 | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 71.685 | 17.367 |
| 161.478 | 41094.742 | 48108.078 | |
| 31.547 | 32.713 | 24.334 | |
| 1.023 | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 71.687 | 17.370 |
| 161.483 | 41099.109 | 48110.188 | |
| 31.549 | 32.715 | 24.331 | |
| 1.023 | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 71.692 | 17.363 |
| 161.493 | 41038.809 | 48047.469 | |
| 31.503 | 32.672 | 24.367 | |
| 1.023 | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 71.702 | 17.360 |
| 161.517 | 41065.457 | 48081.773 | |
| 31.528 | 32.696 | 24.351 | |
| 1.023 | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 71.710 | 17.361 |
| 161.534 | 41092.793 | 48112.371 | |
| 31.550 | 32.716 | 24.335 | |
| 1.023 | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 71.725 | 17.357 |
| 161.568 | 41033.723 | 48048.086 | |
| 31.503 | 32.673 | 24.370 | |
| 1.023 | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 71.732 | 17.363 |
| 161.584 | 41032.141 | 48039.660 | |
| 31.497 | 32.667 | 24.371 | |
| 1.023 | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 71.742 | 17.361 |
| 161.606 | 40995.008 | 47997.793 | |
| 31.466 | 32.639 | 24.393 | |
| 1.023 | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 71.748 | 17.361 |
| 161.619 | 41077.363 | 48094.402 | |
| 31.537 | 32.704 | 24.344 | |
| 1.023 | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 71.766 | 17.366 |
| 161.661 | 41106.879 | 48123.887 | |
| 31.559 | 32.724 | 24.327 | |
| 1.023 | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 71.767 | 17.370 |
| 161.661 | 41097.008 | 48107.727 | |
| 31.547 | 32.713 | 24.333 | |
| 1.023 | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 71.772 | 17.361 |
| 161.673 | 41099.508 | 48120.711 | |
| 31.556 | 32.722 | 24.331 | |

1.023
1/9/2017 7:30:00 AM 379800.000 71.783 17.368
161.698 41010.051 48008.652
31.475 32.646 24.384
1.023
1/9/2017 7:45:00 AM 380700.000 71.797 17.370
161.730 41037.059 48037.926
31.496 32.666 24.368
1.023
1/9/2017 8:00:00 AM 381600.000 71.791 17.368
161.717 41091.172 48103.242
31.544 32.710 24.336
1.023
1/9/2017 8:15:00 AM 382500.000 71.809 17.365
161.756 41069.688 48081.660
31.528 32.696 24.349
1.023
1/9/2017 8:30:00 AM 383400.000 71.817 17.364
161.774 41073.039 48086.797
31.531 32.699 24.347
1.023
1/9/2017 8:45:00 AM 384300.000 71.817 17.362
161.774 41011.980 48017.379
31.481 32.652 24.383
1.023
1/9/2017 9:00:00 AM 385200.000 71.818 17.359
161.777 41062.918 48080.125
31.526 32.694 24.353
1.023
1/9/2017 9:15:00 AM 386100.000 71.825 17.365
161.793 41077.023 48089.594
31.534 32.701 24.345
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1/9/2017 9:30:00 AM 387000.000 71.826 17.365
161.795 41089.387 48104.164
31.544 32.711 24.337
1.023
1/9/2017 9:45:00 AM 387900.000 71.817 17.365
161.775 41041.684 48048.031
31.503 32.673 24.365
1.023
1/9/2017 10:00:00 AM 388800.000 71.821
17.364 161.784 41055.203
48065.078 31.516 32.684
24.357 1.023
1/9/2017 10:15:00 AM 389700.000 71.821
17.365 161.783 41071.727
48084.047 31.530 32.697
24.348 1.023
1/9/2017 10:30:00 AM 390600.000 71.808
17.361 161.754 41084.926
48103.449 31.544 32.710
24.340 1.023
1/9/2017 10:45:00 AM 391500.000 71.802
17.356 161.740 41090.570
48115.590 31.552 32.719
24.336 1.023

1/9/2017 11:00:00 AM 392400.000 71.788
17.356 161.708 41096.309
48122.414 31.557 32.723
24.333 1.023
1/9/2017 11:15:00 AM 393300.000 71.798
17.365 161.732 41078.309
48091.941 31.535 32.703
24.344 1.023
1/9/2017 11:30:00 AM 394200.000 71.782
17.358 161.697 41049.133
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24.361 1.023
1/9/2017 11:45:00 AM 395100.000 71.778
17.364 161.687 41039.762
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24.367 1.023
1/9/2017 12:00:00 PM 396000.000 71.751
17.363 161.626 41053.555
48064.840 31.515 32.684
24.358 1.023
1/9/2017 12:15:00 PM 396900.000 71.753
17.366 161.631 41074.813
48086.063 31.531 32.699
24.346 1.023
1/9/2017 12:30:00 PM 397800.000 71.745
17.362 161.613 41073.727
48089.105 31.533 32.701
24.346 1.023
1/9/2017 12:45:00 PM 398700.000 71.728
17.361 161.573 41049.734
48062.520 31.514 32.683
24.361 1.023
1/9/2017 1:00:00 PM 399600.000 71.711 17.363
161.537 41049.816 48059.988
31.512 32.681 24.361
1.023
1/9/2017 1:15:00 PM 400500.000 71.709 17.364
161.532 41048.391 48057.195
31.510 32.679 24.361
1.023
1/9/2017 1:30:00 PM 401400.000 71.695 17.369
161.500 41091.805 48103.047
31.544 32.710 24.336
1.023
1/9/2017 1:45:00 PM 402300.000 71.678 17.370
161.462 41076.332 48083.605
31.530 32.697 24.345
1.023
1/9/2017 2:00:00 PM 403200.000 71.685 17.358
161.478 41043.313 48057.441
31.510 32.679 24.365
1.023
1/9/2017 2:15:00 PM 404100.000 71.651 17.367
161.400 41049.074 48055.371
31.509 32.678 24.361
1.023
1/9/2017 2:30:00 PM 405000.000 71.640 17.363

| | | | |
|---|---|---|---|
| 161.375 | 41109.719 | 48129.840 | |
| 31.563 | 32.728 | 24.325 | |
| 1.023 | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 71.628 | 17.366 |
| 161.350 | 41071.258 | 48081.996 | |
| 31.528 | 32.696 | 24.348 | |
| 1.023 | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 71.617 | 17.369 |
| 161.324 | 41080.184 | 48089.805 | |
| 31.534 | 32.701 | 24.343 | |
| 1.023 | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 71.609 | 17.365 |
| 161.306 | 41119.867 | 48139.563 | |
| 31.570 | 32.735 | 24.319 | |
| 1.023 | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 71.589 | 17.367 |
| 161.261 | 41095.574 | 48109.707 | |
| 31.548 | 32.715 | 24.334 | |
| 1.023 | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 71.589 | 17.363 |
| 161.262 | 41058.488 | 48070.805 | |
| 31.520 | 32.688 | 24.355 | |
| 1.023 | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 71.579 | 17.358 |
| 161.238 | 41044.559 | 48058.988 | |
| 31.511 | 32.680 | 24.364 | |
| 1.023 | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 71.571 | 17.365 |
| 161.221 | 41060.422 | 48070.156 | |
| 31.519 | 32.688 | 24.354 | |
| 1.023 | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 71.568 | 17.370 |
| 161.214 | 41089.969 | 48100.137 | |
| 31.542 | 32.708 | 24.337 | |
| 1.023 | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 71.559 | 17.369 |
| 161.193 | 41029.688 | 48030.523 | |
| 31.491 | 32.661 | 24.373 | |
| 1.023 | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 71.560 | 17.366 |
| 161.196 | 41034.707 | 48039.297 | |
| 31.497 | 32.667 | 24.370 | |
| 1.023 | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 71.562 | 17.366 |
| 161.200 | 41030.414 | 48034.555 | |
| 31.493 | 32.663 | 24.372 | |
| 1.023 | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 71.551 | 17.368 |
| 161.175 | 41076.953 | 48086.410 | |
| 31.531 | 32.699 | 24.345 | |
| 1.023 | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 71.559 | 17.363 |
| 161.194 | 41082.469 | 48098.125 | |
| 31.540 | 32.707 | 24.341 | |
| 1.023 | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 71.559 | 17.364 |
| 161.195 | 41097.719 | 48115.043 | |

| | | | | |
|---|---|---|---|---|
| 31.552 | 32.718 | 24.332 | | |
| 1.023 | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 71.560 | 17.369 | |
| 161.196 | 41122.680 | 48139.273 | | |
| 31.570 | 32.735 | 24.317 | | |
| 1.023 | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 71.565 | 17.361 | |
| 161.206 | 41024.297 | 48032.273 | | |
| 31.491 | 32.662 | 24.376 | | |
| 1.023 | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 71.569 | 17.359 | |
| 161.217 | 41089.805 | 48111.605 | | |
| 31.549 | 32.716 | 24.337 | | |
| 1.023 | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 71.571 | 17.367 | |
| 161.221 | 41067.148 | 48076.719 | | |
| 31.524 | 32.692 | 24.350 | | |
| 1.023 | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 71.581 | 17.363 | |
| 161.244 | 41061.723 | 48074.590 | | |
| 31.523 | 32.691 | 24.354 | | |
| 1.023 | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 71.579 | 17.358 | |
| 161.238 | 41031.520 | 48043.910 | | |
| 31.500 | 32.670 | 24.372 | | |
| 1.023 | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 71.581 | 17.360 | |
| 161.244 | 41089.301 | 48109.414 | | |
| 31.548 | 32.714 | 24.337 | | |
| 1.023 | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 71.599 | 17.363 | |
| 161.284 | 41044.387 | 48053.813 | | |
| 31.507 | 32.677 | 24.364 | | |
| 1.023 | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 71.591 | 17.364 | |
| 161.265 | 41055.570 | 48065.699 | | |
| 31.516 | 32.685 | 24.357 | | |
| 1.023 | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 71.602 | 17.373 | |
| 161.291 | 41131.605 | 48145.590 | | |
| 31.575 | 32.739 | 24.312 | | |
| 1.023 | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 71.612 | 17.363 | |
| 161.312 | 41076.457 | 48091.922 | | |
| 31.535 | 32.703 | 24.345 | | |
| 1.023 | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 71.617 | 17.370 | |
| 161.324 | 41068.426 | 48074.352 | | |
| 31.523 | 32.691 | 24.350 | | |
| 1.023 | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 71.622 | 17.367 | |
| 161.336 | 41054.598 | 48062.027 | | |
| 31.514 | 32.682 | 24.358 | | |
| 1.023 | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 71.632 | 17.361 | |
| 161.359 | 41057.887 | 48071.313 | | |
| 31.520 | 32.688 | 24.356 | | |

1.023
1/9/2017 9:45:00 PM 431100.000 71.634 17.361
161.362 41055.027 48068.531
31.518 32.687 24.358
1.023
1/9/2017 10:00:00 PM 432000.000 71.644
17.355 161.385 41069.332
48091.762 31.535 32.702
24.349 1.023
1/9/2017 10:15:00 PM 432900.000 71.643
17.366 161.382 41035.699
48039.992 31.497 32.667
24.369 1.023
1/9/2017 10:30:00 PM 433800.000 71.649
17.368 161.397 41043.996
48048.105 31.503 32.673
24.364 1.023
1/9/2017 10:45:00 PM 434700.000 71.652
17.366 161.404 41066.820
48076.523 31.524 32.692
24.351 1.023
1/9/2017 11:00:00 PM 435600.000 71.658
17.364 161.417 41122.074
48144.113 31.573 32.738
24.318 1.023
1/9/2017 11:15:00 PM 436500.000 71.663
17.359 161.428 41057.922
48074.168 31.522 32.690
24.356 1.023
1/9/2017 11:30:00 PM 437400.000 71.658
17.366 161.416 41058.148
48066.273 31.517 32.685
24.356 1.023
1/9/2017 11:45:00 PM 438300.000 71.660
17.368 161.422 41111.223
48127.184 31.561 32.726
24.324 1.023
1/10/2017 12:00:00 AM 439200.000 71.668
17.364 161.439 41048.477
48057.762 31.510 32.679
24.361 1.023
1/10/2017 12:15:00 AM 440100.000 71.660
17.366 161.422 41040.188
48045.246 31.501 32.671
24.366 1.023
1/10/2017 12:30:00 AM 441000.000 71.661
17.365 161.424 41074.000
48086.797 31.532 32.699
24.346 1.023
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17.367 161.436 41105.965
48121.969 31.557 32.723
24.327 1.023
1/10/2017 1:00:00 AM 442800.000 71.664
17.363 161.431 41092.555
48110.207 31.549 32.715
24.335 1.023

1/10/2017 1:15:00 AM 443700.000 71.659
17.362 161.419 41015.215
48021.070 31.483 32.654
24.381 1.023
1/10/2017 1:30:00 AM 444600.000 71.656
17.361 161.413 41053.340
48066.367 31.516 32.685
24.359 1.023
1/10/2017 1:45:00 AM 445500.000 71.658
17.364 161.416 41115.613
48135.707 31.567 32.732
24.322 1.023
1/10/2017 2:00:00 AM 446400.000 71.662
17.365 161.425 41081.688
48094.863 31.537 32.705
24.342 1.023
1/10/2017 2:15:00 AM 447300.000 71.655
17.363 161.410 41084.816
48101.063 31.542 32.709
24.340 1.023
1/10/2017 2:30:00 AM 448200.000 71.657
17.366 161.415 41033.176
48037.883 31.496 32.666
24.371 1.023
1/10/2017 2:45:00 AM 449100.000 71.658
17.366 161.416 41098.332
48113.781 31.551 32.717
24.332 1.023
1/10/2017 3:00:00 AM 450000.000 71.661
17.362 161.422 41057.605
48070.039 31.519 32.688
24.356 1.023
1/10/2017 3:15:00 AM 450900.000 71.662
17.359 161.427 41089.293
48110.438 31.549 32.715
24.337 1.023
1/10/2017 3:30:00 AM 451800.000 71.668
17.364 161.439 41045.547
48054.609 31.508 32.677
24.363 1.023
1/10/2017 3:45:00 AM 452700.000 71.666
17.367 161.434 41070.750
48080.461 31.527 32.695
24.348 1.023
1/10/2017 4:00:00 AM 453600.000 71.672
17.361 161.447 41045.941
48057.328 31.510 32.679
24.363 1.023
1/10/2017 4:15:00 AM 454500.000 71.677
17.362 161.459 41120.953
48144.684 31.574 32.738
24.319 1.023
1/10/2017 4:30:00 AM 455400.000 71.685
17.358 161.478 41093.109
48116.316 31.553 32.719
24.335 1.023
1/10/2017 4:45:00 AM 456300.000 71.689

17.363 161.486 41069.051
48082.875 31.529 32.696
24.349 1.023
1/10/2017 5:00:00 AM 457200.000 71.697
17.367 161.503 41137.766
48159.293 31.585 32.748
24.309 1.023
1/10/2017 5:15:00 AM 458100.000 71.708
17.365 161.530 41106.258
48124.000 31.559 32.724
24.327 1.023
1/10/2017 5:30:00 AM 459000.000 71.710
17.363 161.534 41110.063
48130.523 31.563 32.729
24.325 1.023
1/10/2017 5:45:00 AM 459900.000 71.726
17.359 161.569 41088.762
48109.629 31.548 32.715
24.338 1.023
1/10/2017 6:00:00 AM 460800.000 71.728
17.358 161.575 41043.070
48057.434 31.510 32.679
24.365 1.023
1/10/2017 6:15:00 AM 461700.000 71.734
17.369 161.588 41087.008
48097.137 31.539 32.706
24.339 1.023
1/10/2017 6:30:00 AM 462600.000 71.748
17.361 161.620 41103.266
48124.730 31.559 32.725
24.329 1.023
1/10/2017 6:45:00 AM 463500.000 71.761
17.372 161.649 41108.371
48119.527 31.556 32.721
24.326 1.023
1/10/2017 7:00:00 AM 464400.000 71.774
17.368 161.679 41097.457
48110.125 31.549 32.715
24.332 1.023
1/10/2017 7:15:00 AM 465300.000 71.778
17.359 161.687 40992.391
47997.355 31.466 32.638
24.395 1.023
1/10/2017 7:30:00 AM 466200.000 71.794
17.364 161.723 41059.996
48071.059 31.520 32.688
24.355 1.023
1/10/2017 7:45:00 AM 467100.000 71.797
17.362 161.729 41040.719
48050.461 31.505 32.674
24.366 1.023
1/10/2017 8:00:00 AM 468000.000 71.813
17.367 161.765 41068.590
48077.543 31.525 32.693
24.350 1.023
1/10/2017 8:15:00 AM 468900.000 71.827
17.364 161.797 41077.676

48091.391 31.535 32.702
24.344 1.023
1/10/2017 8:30:00 AM 469800.000 71.834
17.368 161.813 41101.285
48114.793 31.552 32.718
24.330 1.023
1/10/2017 8:45:00 AM 470700.000 71.843
17.364 161.833 41046.590
48054.898 31.508 32.677
24.363 1.023
1/10/2017 9:00:00 AM 471600.000 71.856
17.363 161.863 41013.738
48018.117 31.481 32.652
24.382 1.023
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24.342 1.023
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| | | |
|---|---|---|
| 17.358 | 161.724 | 41002.723 |
| 48010.102 | 31.475 | 32.647 |
| 24.389 | 1.023 | |
| 1/11/2017 11:45:00 PM | 611100.000 | 71.801 |
| 17.360 | 161.738 | 41045.582 |
| 48058.883 | 31.511 | 32.680 |
| 24.363 | 1.023 | |

Report Date: 1/16/2017 8:33:25 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-8S LT Test_2017-01-12_16-14-03-199-BaroMerge.wsl
Create Date: 1/16/2017 8:29:56 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-8S
Device Name:
Serial Number: 428966
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 3
Used Battery(%): 2

Log Configuration
Log Name: MPWSP MW-8S LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 1/15/2016 9:06:50 AM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 1/15/2016 9:15:00 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: 1.012

Other Log Settings
Depth of Probe: 78.3792 (ft)
Head Pressure: 34.3873 (PSI)
Temperature: 16.2281 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 1/15/2016 9:07:00 AM | Used Battery: 2% Used Memory: 6% User Name: KMakar |
| 1/21/2016 9:00:38 AM | Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar |
| 1/28/2016 9:25:14 AM | Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM |
| 2/4/2016 10:20:54 AM | Log Download - Used Battery: 3% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 9:15:00 AM Stop Time: 2/4/2016 10:15:00 AM |
| 2/11/2016 10:08:06 AM | Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 11:00:00 AM |
| 2/18/2016 11:29:03 AM | Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM |
| 2/25/2016 10:53:00 AM | Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM |
| 3/3/2016 12:57:16 PM | Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM |
| 3/10/2016 2:40:43 PM | Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM |
| 3/17/2016 12:40:31 PM | Log Download - Used Battery: 5% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:30:00 PM |
| 3/24/2016 9:01:47 AM | Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM |
| 3/31/2016 3:14:11 PM | Log Download - Used Battery: 6% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM |
| 4/7/2016 9:43:13 AM | Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:45:00 AM |
| 4/14/2016 3:18:15 PM | Log Download - Used Battery: 6% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 4:15:00 PM |
| 4/21/2016 1:31:37 PM | Log Download - Used Battery: 7% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:30:00 PM |
| 4/28/2016 8:25:33 AM | Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM |
| 5/5/2016 9:32:04 AM | Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM |
| 5/12/2016 10:18:00 AM | Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:15:00 AM |
| 5/19/2016 2:12:10 PM | Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:00:00 PM |
| 5/26/2016 9:07:12 AM | Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM |
| 6/2/2016 11:43:41 AM | Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:30:00 PM |
| 6/9/2016 9:35:52 AM | Log Download - Used Battery: 9% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:30:00 AM |
| 6/16/2016 11:18:31 AM | Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:15:00 AM |
| 6/23/2016 10:12:15 AM | Log Download - Used Battery: 10% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM |
| 7/1/2016 11:51:48 AM | Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM |
| 7/1/2016 11:53:22 AM | Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM |
| 7/8/2016 11:56:57 AM | Log Download - Used Battery: 11% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM |
| 7/14/2016 6:00:29 PM | Log Download - Used Battery: 11% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM |
| 7/21/2016 11:13:50 AM | Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 11:00:00 AM |
| 7/28/2016 6:19:29 PM | Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM |
| 8/4/2016 3:01:39 PM | Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:45:00 PM |
| 8/11/2016 10:51:12 AM | Log Download - Used Battery: 12% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM |
| 8/18/2016 3:48:15 PM | Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:45:00 PM |
| 8/25/2016 12:33:04 PM | Log Download - Used Battery: 13% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:30:00 PM |
| 9/1/2016 4:11:14 PM | Log Download - Used Battery: 14% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:00:00 PM |
| 9/8/2016 6:27:01 PM | Log Download - Used Battery: 14% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:15:00 PM |
| 9/15/2016 3:20:59 PM | Log Download - Used Battery: 14% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 4:15:00 PM |
| 9/22/2016 12:49:18 PM | Log Download - Used Battery: 15% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:45:00 PM |
| 10/1/2016 11:37:02 AM | Log Download - Used Battery: 15% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 12:30:00 PM |
| 10/6/2016 12:03:26 PM | Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 12:00:00 PM |
| 10/13/2016 4:33:05 PM | Log Download - Used Battery: 16% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 5:15:00 PM |
| 10/20/2016 4:56:04 PM | Log Download - Used Battery: 16% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM |
| 10/20/2016 5:30:23 PM | Log Download - Used Battery: 16% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 6:30:00 PM |
| 10/27/2016 12:47:34 PM | Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:45:00 PM |
| 11/3/2016 3:56:48 PM | Log Download - Used Battery: 17% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:45:00 PM |
| 11/11/2016 8:29:39 AM | Log Download - Used Battery: 17% Used Memory: 37% 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 3:06:25 PM | Log Download - Used Battery: 18% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:00:00 PM |
| 11/24/2016 12:33:03 PM | Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:30:00 PM |
| 11/24/2016 2:38:47 PM | Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:30:00 PM |
| 12/2/2016 8:02:51 AM | Log Download - Used Battery: 19% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 8:45:00 AM |
| 12/9/2016 9:32:32 AM | Log Download - Used Battery: 19% Used Memory: 40% 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 3:24:38 PM | Log Download - Used Battery: 19% Used Memory: 42% 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 12:10:17 PM | Log Download - Used Battery: 20% Used Memory: 42% 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 10:19:49 AM | Log Download - Used Battery: 20% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 10:15:00 AM |
| 1/12/2017 4:13:00 PM | Log Download - Used Battery: 21% Used Memory: 45% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 4:00:00 PM |
| 1/16/2017 8:29:56 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 744
Sensors: 2
1 - 428966: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| | Sensor: PCTD(A) 197.3ft SN#: 428966 | Sensor: PCTD(A) 197.3ft SN#: 428966 | Sensor: PCTD(A) 197.3ft SN#: 428966 | Sensor: PCTD(A) 197.3ft SN#: 428966 | Sensor: PCTD(A) 197.3ft SN#: 428966 | Sensor: PCTD(A) 197.3ft SN#: 428966 | Sensor: PCTD(A) 197.3ft SN#: 428966 | Sensor: PCTD(A) 197.3ft SN#: 428966 | Sensor: PCTD(A) 197.3ft SN#: 428966 | Sensor: PCTD(A) 197.3ft SN#: 428966 | Sensor: Baro-Adj Calc SN#: 000000 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Elapsed Time | Corrected | | | | | | | | | | Corrected |

| Date and Time | Seconds | Pressure (PSI) | Temperature (C) | Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids (ppm) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 19.841 | 16.172 | 45.224 | 2063.538 | 2482.022 | 1.290 | 1687.775 | 484.605 | 1.000 | 14.703 |
| 1/5/2017 12:15:00 AM | 8100.000 | 19.838 | 16.173 | 45.216 | 2063.787 | 2482.317 | 1.290 | 1687.976 | 484.546 | 1.000 | 14.710 |
| 1/5/2017 12:30:00 AM | 9000.000 | 19.828 | 16.173 | 45.193 | 2064.716 | 2483.434 | 1.290 | 1688.735 | 484.328 | 1.000 | 14.713 |
| 1/5/2017 12:45:00 AM | 9900.000 | 19.840 | 16.173 | 45.221 | 2064.513 | 2483.175 | 1.290 | 1688.559 | 484.376 | 1.000 | 14.717 |
| 1/5/2017 1:00:00 AM | 10800.000 | 19.835 | 16.173 | 45.210 | 2065.205 | 2484.011 | 1.291 | 1689.128 | 484.213 | 1.000 | 14.716 |
| 1/5/2017 1:15:00 AM | 11700.000 | 19.830 | 16.172 | 45.199 | 2065.547 | 2484.443 | 1.291 | 1689.421 | 484.133 | 1.000 | 14.714 |
| 1/5/2017 1:30:00 AM | 12600.000 | 19.831 | 16.173 | 45.200 | 2066.179 | 2485.194 | 1.291 | 1689.932 | 483.985 | 1.000 | 14.717 |
| 1/5/2017 1:45:00 AM | 13500.000 | 19.832 | 16.172 | 45.204 | 2066.938 | 2486.115 | 1.292 | 1690.559 | 483.808 | 1.000 | 14.720 |
| 1/5/2017 2:00:00 AM | 14400.000 | 19.828 | 16.173 | 45.195 | 2067.013 | 2486.186 | 1.292 | 1690.607 | 483.790 | 1.000 | 14.723 |
| 1/5/2017 2:15:00 AM | 15300.000 | 19.839 | 16.172 | 45.219 | 2067.699 | 2487.042 | 1.292 | 1691.189 | 483.629 | 1.000 | 14.718 |
| 1/5/2017 2:30:00 AM | 16200.000 | 19.835 | 16.173 | 45.210 | 2067.697 | 2487.004 | 1.292 | 1691.163 | 483.630 | 1.000 | 14.718 |
| 1/5/2017 2:45:00 AM | 17100.000 | 19.833 | 16.172 | 45.204 | 2068.020 | 2487.438 | 1.293 | 1691.458 | 483.554 | 1.000 | 14.721 |
| 1/5/2017 3:00:00 AM | 18000.000 | 19.840 | 16.172 | 45.222 | 2068.285 | 2487.751 | 1.293 | 1691.671 | 483.492 | 1.000 | 14.724 |
| 1/5/2017 3:15:00 AM | 18900.000 | 19.849 | 16.172 | 45.243 | 2068.508 | 2488.015 | 1.293 | 1691.850 | 483.440 | 1.000 | 14.718 |
| 1/5/2017 3:30:00 AM | 19800.000 | 19.835 | 16.172 | 45.210 | 2068.712 | 2488.255 | 1.293 | 1692.013 | 483.392 | 1.000 | 14.721 |
| 1/5/2017 3:45:00 AM | 20700.000 | 19.837 | 16.173 | 45.214 | 2068.155 | 2487.570 | 1.293 | 1691.548 | 483.523 | 1.000 | 14.722 |
| 1/5/2017 4:00:00 AM | 21600.000 | 19.837 | 16.172 | 45.216 | 2068.621 | 2488.155 | 1.293 | 1691.946 | 483.414 | 1.000 | 14.720 |
| 1/5/2017 4:15:00 AM | 22500.000 | 19.844 | 16.173 | 45.231 | 2068.907 | 2488.475 | 1.293 | 1692.163 | 483.347 | 1.000 | 14.717 |
| 1/5/2017 4:30:00 AM | 23400.000 | 19.843 | 16.172 | 45.228 | 2068.614 | 2488.142 | 1.293 | 1691.936 | 483.416 | 1.000 | 14.725 |
| 1/5/2017 4:45:00 AM | 24300.000 | 19.840 | 16.172 | 45.221 | 2069.009 | 2488.617 | 1.293 | 1692.260 | 483.323 | 1.000 | 14.722 |
| 1/5/2017 5:00:00 AM | 25200.000 | 19.849 | 16.172 | 45.241 | 2069.309 | 2488.968 | 1.293 | 1692.498 | 483.253 | 1.000 | 14.707 |
| 1/5/2017 5:15:00 AM | 26100.000 | 19.837 | 16.173 | 45.215 | 2068.972 | 2488.548 | 1.293 | 1692.213 | 483.332 | 1.000 | 14.722 |
| 1/5/2017 5:30:00 AM | 27000.000 | 19.838 | 16.172 | 45.216 | 2069.007 | 2488.620 | 1.293 | 1692.262 | 483.324 | 1.000 | 14.718 |
| 1/5/2017 5:45:00 AM | 27900.000 | 19.841 | 16.172 | 45.223 | 2068.869 | 2488.439 | 1.293 | 1692.138 | 483.356 | 1.000 | 14.722 |
| 1/5/2017 6:00:00 AM | 28800.000 | 19.839 | 16.173 | 45.219 | 2069.065 | 2488.665 | 1.293 | 1692.292 | 483.310 | 1.000 | 14.720 |
| 1/5/2017 6:15:00 AM | 29700.000 | 19.832 | 16.172 | 45.204 | 2069.144 | 2488.780 | 1.293 | 1692.370 | 483.292 | 1.000 | 14.728 |
| 1/5/2017 6:30:00 AM | 30600.000 | 19.846 | 16.173 | 45.236 | 2069.500 | 2489.174 | 1.294 | 1692.638 | 483.208 | 1.000 | 14.723 |
| 1/5/2017 6:45:00 AM | 31500.000 | 19.833 | 16.172 | 45.206 | 2069.165 | 2488.805 | 1.293 | 1692.388 | 483.287 | 1.000 | 14.733 |
| 1/5/2017 7:00:00 AM | 32400.000 | 19.835 | 16.172 | 45.210 | 2069.700 | 2489.442 | 1.294 | 1692.821 | 483.162 | 1.000 | 14.736 |
| 1/5/2017 7:15:00 AM | 33300.000 | 19.845 | 16.173 | 45.233 | 2069.551 | 2489.239 | 1.294 | 1692.683 | 483.197 | 1.000 | 14.735 |
| 1/5/2017 7:30:00 AM | 34200.000 | 19.844 | 16.173 | 45.232 | 2069.023 | 2488.599 | 1.293 | 1692.247 | 483.320 | 1.000 | 14.730 |
| 1/5/2017 7:45:00 AM | 35100.000 | 19.853 | 16.172 | 45.250 | 2069.056 | 2488.663 | 1.293 | 1692.291 | 483.312 | 1.000 | 14.731 |
| 1/5/2017 8:00:00 AM | 36000.000 | 19.835 | 16.172 | 45.211 | 2068.349 | 2487.813 | 1.293 | 1691.713 | 483.477 | 1.000 | 14.737 |
| 1/5/2017 8:15:00 AM | 36900.000 | 19.845 | 16.173 | 45.232 | 2067.169 | 2486.374 | 1.292 | 1690.734 | 483.753 | 1.000 | 14.739 |
| 1/5/2017 8:30:00 AM | 37800.000 | 19.839 | 16.173 | 45.218 | 2067.293 | 2486.522 | 1.292 | 1690.835 | 483.724 | 1.000 | 14.745 |
| 1/5/2017 8:45:00 AM | 38700.000 | 19.843 | 16.173 | 45.229 | 2066.480 | 2485.530 | 1.292 | 1690.161 | 483.915 | 1.000 | 14.750 |
| 1/5/2017 9:00:00 AM | 39600.000 | 19.842 | 16.173 | 45.227 | 2066.907 | 2486.043 | 1.292 | 1690.510 | 483.815 | 1.000 | 14.747 |
| 1/5/2017 9:15:00 AM | 40500.000 | 19.832 | 16.173 | 45.203 | 2065.695 | 2484.581 | 1.291 | 1689.515 | 484.099 | 1.000 | 14.760 |
| 1/5/2017 9:30:00 AM | 41400.000 | 19.842 | 16.172 | 45.227 | 2064.558 | 2483.254 | 1.290 | 1688.613 | 484.365 | 1.000 | 14.750 |
| 1/5/2017 9:45:00 AM | 42300.000 | 19.842 | 16.173 | 45.226 | 2064.329 | 2482.963 | 1.290 | 1688.415 | 484.419 | 1.000 | 14.758 |
| 1/5/2017 10:00:00 AM | 43200.000 | 19.839 | 16.173 | 45.219 | 2063.615 | 2482.095 | 1.290 | 1687.825 | 484.586 | 1.000 | 14.757 |
| 1/5/2017 10:15:00 AM | 44100.000 | 19.841 | 16.172 | 45.223 | 2054.666 | 2471.351 | 1.284 | 1680.519 | 486.697 | 1.000 | 14.757 |
| 1/5/2017 10:30:00 AM | 45000.000 | 19.839 | 16.175 | 45.219 | 2042.000 | 2455.987 | 1.275 | 1670.071 | 489.716 | 1.000 | 14.758 |
| 1/5/2017 10:45:00 AM | 45900.000 | 19.846 | 16.173 | 45.235 | 2051.263 | 2467.248 | 1.282 | 1677.728 | 487.504 | 1.000 | 14.758 |
| 1/5/2017 11:00:00 AM | 46800.000 | 19.852 | 16.173 | 45.248 | 2053.913 | 2470.390 | 1.283 | 1679.865 | 486.876 | 1.000 | 14.746 |
| 1/5/2017 11:15:00 AM | 47700.000 | 19.848 | 16.173 | 45.239 | 2055.080 | 2471.829 | 1.284 | 1680.844 | 486.599 | 1.000 | 14.751 |
| 1/5/2017 11:30:00 AM | 48600.000 | 19.838 | 16.173 | 45.216 | 2056.142 | 2473.071 | 1.285 | 1681.688 | 486.348 | 1.000 | 14.757 |
| 1/5/2017 11:45:00 AM | 49500.000 | 19.844 | 16.173 | 45.231 | 2056.229 | 2473.201 | 1.285 | 1681.777 | 486.327 | 1.000 | 14.750 |
| 1/5/2017 12:00:00 PM | 50400.000 | 19.849 | 16.173 | 45.243 | 2057.168 | 2474.341 | 1.285 | 1682.552 | 486.105 | 1.000 | 14.745 |
| 1/5/2017 12:15:00 PM | 51300.000 | 19.842 | 16.173 | 45.227 | 2057.438 | 2474.629 | 1.286 | 1682.748 | 486.041 | 1.000 | 14.749 |
| 1/5/2017 12:30:00 PM | 52200.000 | 19.848 | 16.173 | 45.239 | 2057.237 | 2474.413 | 1.286 | 1682.601 | 486.089 | 1.000 | 14.748 |
| 1/5/2017 12:45:00 PM | 53100.000 | 19.852 | 16.173 | 45.248 | 2057.782 | 2475.053 | 1.286 | 1683.036 | 485.960 | 1.000 | 14.742 |
| 1/5/2017 1:00:00 PM | 54000.000 | 19.844 | 16.173 | 45.231 | 2057.620 | 2474.868 | 1.286 | 1682.910 | 485.998 | 1.000 | 14.742 |
| 1/5/2017 1:15:00 PM | 54900.000 | 19.850 | 16.173 | 45.244 | 2058.019 | 2475.333 | 1.286 | 1683.226 | 485.904 | 1.000 | 14.736 |
| 1/5/2017 1:30:00 PM | 55800.000 | 19.851 | 16.173 | 45.247 | 2058.552 | 2476.019 | 1.286 | 1683.693 | 485.778 | 1.000 | 14.736 |
| 1/5/2017 1:45:00 PM | 56700.000 | 19.855 | 16.173 | 45.256 | 2058.517 | 2475.967 | 1.286 | 1683.658 | 485.787 | 1.000 | 14.740 |
| 1/5/2017 2:00:00 PM | 57600.000 | 19.847 | 16.173 | 45.238 | 2058.671 | 2476.127 | 1.286 | 1683.766 | 485.750 | 1.000 | 14.744 |
| 1/5/2017 2:15:00 PM | 58500.000 | 19.850 | 16.173 | 45.245 | 2058.754 | 2476.242 | 1.287 | 1683.845 | 485.731 | 1.000 | 14.741 |
| 1/5/2017 2:30:00 PM | 59400.000 | 19.852 | 16.173 | 45.249 | 2058.893 | 2476.415 | 1.287 | 1683.962 | 485.698 | 1.000 | 14.739 |
| 1/5/2017 2:45:00 PM | 60300.000 | 19.854 | 16.173 | 45.253 | 2059.065 | 2476.616 | 1.287 | 1684.099 | 485.657 | 1.000 | 14.738 |
| 1/5/2017 3:00:00 PM | 61200.000 | 19.852 | 16.173 | 45.249 | 2059.073 | 2476.610 | 1.287 | 1684.095 | 485.656 | 1.000 | 14.741 |
| 1/5/2017 3:15:00 PM | 62100.000 | 19.852 | 16.173 | 45.248 | 2059.665 | 2477.319 | 1.287 | 1684.577 | 485.516 | 1.000 | 14.740 |
| 1/5/2017 3:30:00 PM | 63000.000 | 19.853 | 16.173 | 45.251 | 2059.407 | 2477.012 | 1.287 | 1684.369 | 485.577 | 1.000 | 14.739 |
| 1/5/2017 3:45:00 PM | 63900.000 | 19.854 | 16.173 | 45.253 | 2059.976 | 2477.733 | 1.287 | 1684.858 | 485.442 | 1.000 | 14.740 |
| 1/5/2017 4:00:00 PM | 64800.000 | 19.848 | 16.173 | 45.241 | 2059.443 | 2477.086 | 1.287 | 1684.418 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 485.568 | 1.000 | 14.741 | | | | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 19.858 | 16.173 | 45.263 | 2059.782 | 2477.475 | 1.287 | 1684.683 |
| 485.488 | 1.000 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 19.851 | 16.173 | 45.246 | 2060.405 | 2478.213 | 1.288 | 1685.185 |
| 485.341 | 1.000 | 14.745 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 19.847 | 16.173 | 45.239 | 2060.427 | 2478.264 | 1.288 | 1685.220 |
| 485.336 | 1.000 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 19.858 | 16.173 | 45.263 | 2060.491 | 2478.338 | 1.288 | 1685.270 |
| 485.321 | 1.000 | 14.749 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 19.849 | 16.173 | 45.242 | 2060.588 | 2478.438 | 1.288 | 1685.338 |
| 485.298 | 1.000 | 14.751 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 19.857 | 16.172 | 45.260 | 2060.839 | 2478.775 | 1.288 | 1685.567 |
| 485.239 | 1.000 | 14.753 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 19.853 | 16.172 | 45.250 | 2060.925 | 2478.883 | 1.288 | 1685.641 |
| 485.219 | 1.000 | 14.751 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 19.862 | 16.173 | 45.272 | 2060.647 | 2478.509 | 1.288 | 1685.386 |
| 485.284 | 1.000 | 14.745 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 19.858 | 16.172 | 45.263 | 2061.039 | 2479.021 | 1.288 | 1685.734 |
| 485.192 | 1.000 | 14.755 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 19.856 | 16.173 | 45.258 | 2060.726 | 2478.620 | 1.288 | 1685.462 |
| 485.266 | 1.000 | 14.748 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 19.846 | 16.173 | 45.235 | 2060.456 | 2478.299 | 1.288 | 1685.244 |
| 485.329 | 1.000 | 14.761 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 19.853 | 16.173 | 45.250 | 2060.399 | 2478.211 | 1.288 | 1685.183 |
| 485.343 | 1.000 | 14.759 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 19.854 | 16.173 | 45.253 | 2059.604 | 2477.250 | 1.287 | 1684.530 |
| 485.530 | 1.000 | 14.757 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 19.848 | 16.173 | 45.239 | 2058.488 | 2475.922 | 1.286 | 1683.627 |
| 485.793 | 1.000 | 14.760 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 19.862 | 16.174 | 45.272 | 2057.274 | 2474.411 | 1.286 | 1682.600 |
| 486.080 | 1.000 | 14.756 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 19.853 | 16.173 | 45.252 | 2056.027 | 2472.963 | 1.285 | 1681.615 |
| 486.375 | 1.000 | 14.758 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 19.859 | 16.173 | 45.265 | 2055.061 | 2471.815 | 1.284 | 1680.834 |
| 486.604 | 1.000 | 14.763 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 19.860 | 16.173 | 45.268 | 2054.731 | 2471.398 | 1.284 | 1680.551 |
| 486.682 | 1.000 | 14.759 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 19.852 | 16.173 | 45.248 | 2053.498 | 2469.916 | 1.283 | 1679.543 |
| 486.974 | 1.000 | 14.763 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 19.850 | 16.173 | 45.243 | 2053.196 | 2469.567 | 1.283 | 1679.305 |
| 487.046 | 1.000 | 14.769 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 19.858 | 16.173 | 45.261 | 2052.620 | 2468.870 | 1.282 | 1678.832 |
| 487.182 | 1.000 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 19.851 | 16.173 | 45.247 | 2052.756 | 2469.003 | 1.283 | 1678.922 |
| 487.150 | 1.000 | 14.767 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 19.849 | 16.173 | 45.242 | 2051.680 | 2467.709 | 1.282 | 1678.042 |
| 487.405 | 1.000 | 14.778 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 19.859 | 16.173 | 45.264 | 2051.876 | 2467.954 | 1.282 | 1678.209 |
| 487.359 | 1.000 | 14.773 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 19.851 | 16.173 | 45.247 | 2051.572 | 2467.588 | 1.282 | 1677.960 |
| 487.431 | 1.000 | 14.775 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 19.861 | 16.173 | 45.269 | 2051.098 | 2467.019 | 1.281 | 1677.573 |
| 487.544 | 1.000 | 14.768 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 19.862 | 16.174 | 45.271 | 2051.210 | 2467.104 | 1.282 | 1677.630 |
| 487.517 | 1.000 | 14.764 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 19.851 | 16.173 | 45.246 | 2050.911 | 2466.804 | 1.281 | 1677.427 |
| 487.588 | 1.000 | 14.773 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 19.861 | 16.173 | 45.270 | 2050.452 | 2466.227 | 1.281 | 1677.035 |
| 487.697 | 1.000 | 14.764 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 19.855 | 16.173 | 45.256 | 2050.077 | 2465.806 | 1.281 | 1676.748 |
| 487.787 | 1.000 | 14.770 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 19.863 | 16.174 | 45.274 | 2050.184 | 2465.895 | 1.281 | 1676.808 |
| 487.761 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 19.859 | 16.173 | 45.265 | 2049.985 | 2465.685 | 1.281 | 1676.666 |
| 487.809 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 19.862 | 16.173 | 45.272 | 2049.736 | 2465.385 | 1.281 | 1676.462 |
| 487.868 | 1.000 | 14.770 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 19.856 | 16.173 | 45.257 | 2050.042 | 2465.763 | 1.281 | 1676.719 |
| 487.795 | 1.000 | 14.772 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 19.865 | 16.173 | 45.278 | 2049.272 | 2464.848 | 1.280 | 1676.097 |
| 487.978 | 1.000 | 14.768 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 19.866 | 16.174 | 45.281 | 2049.707 | 2465.325 | 1.281 | 1676.421 |
| 487.875 | 1.000 | 14.772 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 19.860 | 16.173 | 45.267 | 2049.586 | 2465.200 | 1.280 | 1676.336 |
| 487.903 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 19.861 | 16.173 | 45.270 | 2049.089 | 2464.617 | 1.280 | 1675.940 |
| 488.022 | 1.000 | 14.772 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 19.869 | 16.173 | 45.287 | 2049.416 | 2464.981 | 1.280 | 1676.187 |
| 487.944 | 1.000 | 14.770 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 19.870 | 16.173 | 45.289 | 2049.133 | 2464.646 | 1.280 | 1675.959 |
| 488.011 | 1.000 | 14.765 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 19.862 | 16.173 | 45.271 | 2049.444 | 2465.019 | 1.280 | 1676.213 |
| 487.937 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 19.868 | 16.173 | 45.286 | 2049.443 | 2465.024 | 1.280 | 1676.216 |
| 487.938 | 1.000 | 14.765 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 19.861 | 16.173 | 45.269 | 2049.518 | 2465.103 | 1.280 | 1676.270 |
| 487.920 | 1.000 | 14.776 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 19.870 | 16.173 | 45.290 | 2048.953 | 2464.454 | 1.280 | 1675.829 |
| 488.054 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 19.863 | 16.173 | 45.274 | 2049.419 | 2465.015 | 1.280 | 1676.210 |
| 487.943 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 19.870 | 16.173 | 45.289 | 2049.259 | 2464.803 | 1.280 | 1676.066 |
| 487.981 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 19.859 | 16.173 | 45.264 | 2049.172 | 2464.712 | 1.280 | 1676.004 |
| 488.002 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 19.865 | 16.173 | 45.278 | 2049.552 | 2465.174 | 1.280 | 1676.318 |
| 487.912 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 19.866 | 16.173 | 45.280 | 2049.331 | 2464.918 | 1.280 | 1676.144 |
| 487.964 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 19.870 | 16.173 | 45.289 | 2049.272 | 2464.807 | 1.280 | 1676.069 |
| 487.978 | 1.000 | 14.765 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 19.872 | 16.174 | 45.295 | 2049.504 | 2465.082 | 1.280 | 1676.256 |
| 487.923 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 19.875 | 16.173 | 45.301 | 2049.205 | 2464.756 | 1.280 | 1676.034 |
| 487.994 | 1.000 | 14.759 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 19.871 | 16.174 | 45.293 | 2049.606 | 2465.204 | 1.280 | 1676.339 |
| 487.899 | 1.000 | 14.768 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 19.871 | 16.174 | 45.293 | 2049.326 | 2464.868 | 1.280 | 1676.110 |
| 487.965 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 19.863 | 16.173 | 45.273 | 2049.366 | 2464.946 | 1.280 | 1676.163 |
| 487.956 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 19.862 | 16.173 | 45.272 | 2049.607 | 2465.246 | 1.280 | 1676.368 |
| 487.898 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 19.864 | 16.174 | 45.277 | 2049.466 | 2465.031 | 1.280 | 1676.221 |
| 487.932 | 1.000 | 14.770 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 19.871 | 16.174 | 45.291 | 2049.708 | 2465.312 | 1.281 | 1676.412 |
| 487.874 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 19.873 | 16.173 | 45.296 | 2049.779 | 2465.447 | 1.281 | 1676.504 |
| 487.857 | 1.000 | 14.766 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 19.868 | 16.173 | 45.286 | 2049.711 | 2465.351 | 1.281 | 1676.439 |
| 487.874 | 1.000 | 14.773 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 19.865 | 16.173 | 45.279 | 2049.568 | 2465.198 | 1.280 | 1676.335 |
| 487.908 | 1.000 | 14.771 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 19.867 | 16.173 | 45.284 | 2050.176 | 2465.920 | 1.281 | 1676.826 |
| 487.763 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 19.861 | 16.173 | 45.268 | 2049.583 | 2465.197 | 1.280 | 1676.334 |
| 487.904 | 1.000 | 14.778 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 19.874 | 16.173 | 45.300 | 2050.149 | 2465.877 | 1.281 | 1676.797 |
| 487.769 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 19.875 | 16.173 | 45.302 | 2050.001 | 2465.695 | 1.281 | 1676.672 |
| 487.805 | 1.000 | 14.777 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 19.869 | 16.174 | 45.288 | 2050.122 | 2465.820 | 1.281 | 1676.757 |
| 487.776 | 1.000 | 14.780 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/6/2017 8:45:00 AM | 125100.000 | 19.870 | 16.173 | 45.291 | 2049.636 | 2465.260 | 1.281 | 1676.377 |
| 487.892 | 1.000 | 14.786 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 19.870 | 16.173 | 45.289 | 2049.594 | 2465.220 | 1.280 | 1676.350 |
| 487.901 | 1.000 | 14.783 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 19.872 | 16.173 | 45.294 | 2049.745 | 2465.407 | 1.281 | 1676.477 |
| 487.865 | 1.000 | 14.782 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 19.867 | 16.173 | 45.282 | 2049.327 | 2464.888 | 1.280 | 1676.124 |
| 487.965 | 1.000 | 14.784 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 19.862 | 16.174 | 45.272 | 2049.612 | 2465.212 | 1.280 | 1676.344 |
| 487.897 | 1.000 | 14.790 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 19.866 | 16.174 | 45.282 | 2049.400 | 2464.952 | 1.280 | 1676.167 |
| 487.948 | 1.000 | 14.785 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 19.862 | 16.174 | 45.271 | 2049.044 | 2464.509 | 1.280 | 1675.866 |
| 488.032 | 1.000 | 14.784 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 19.869 | 16.174 | 45.287 | 2048.913 | 2464.355 | 1.280 | 1675.762 |
| 488.064 | 1.000 | 14.780 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 19.875 | 16.173 | 45.301 | 2048.719 | 2464.147 | 1.280 | 1675.620 |
| 488.110 | 1.000 | 14.774 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 19.876 | 16.174 | 45.305 | 2049.141 | 2464.646 | 1.280 | 1675.959 |
| 488.009 | 1.000 | 14.778 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 19.867 | 16.173 | 45.284 | 2049.132 | 2464.654 | 1.280 | 1675.965 |
| 488.012 | 1.000 | 14.780 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 19.870 | 16.173 | 45.290 | 2048.757 | 2464.203 | 1.280 | 1675.658 |
| 488.101 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 19.870 | 16.173 | 45.289 | 2048.687 | 2464.129 | 1.280 | 1675.608 |
| 488.118 | 1.000 | 14.769 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 19.875 | 16.173 | 45.301 | 2048.607 | 2464.013 | 1.280 | 1675.529 |
| 488.136 | 1.000 | 14.767 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 19.876 | 16.173 | 45.303 | 2049.068 | 2464.602 | 1.280 | 1675.929 |
| 488.027 | 1.000 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 19.871 | 16.173 | 45.292 | 2048.970 | 2464.455 | 1.280 | 1675.830 |
| 488.050 | 1.000 | 14.762 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 19.868 | 16.173 | 45.286 | 2048.916 | 2464.409 | 1.280 | 1675.799 |
| 488.063 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 19.868 | 16.173 | 45.285 | 2048.958 | 2464.441 | 1.280 | 1675.820 |
| 488.053 | 1.000 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 19.871 | 16.173 | 45.292 | 2048.609 | 2464.020 | 1.280 | 1675.534 |
| 488.136 | 1.000 | 14.757 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 19.877 | 16.173 | 45.306 | 2048.730 | 2464.176 | 1.280 | 1675.640 |
| 488.107 | 1.000 | 14.750 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 19.872 | 16.174 | 45.294 | 2049.126 | 2464.627 | 1.280 | 1675.947 |
| 488.013 | 1.000 | 14.752 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 19.874 | 16.174 | 45.298 | 2048.270 | 2463.593 | 1.280 | 1675.243 |
| 488.217 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 19.877 | 16.173 | 45.307 | 2048.861 | 2464.354 | 1.280 | 1675.760 |
| 488.076 | 1.000 | 14.737 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 19.887 | 16.173 | 45.328 | 2048.495 | 2463.884 | 1.280 | 1675.441 |
| 488.163 | 1.000 | 14.732 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 19.878 | 16.173 | 45.308 | 2049.027 | 2464.549 | 1.280 | 1675.893 |
| 488.036 | 1.000 | 14.739 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 19.881 | 16.173 | 45.314 | 2049.066 | 2464.585 | 1.280 | 1675.918 |
| 488.027 | 1.000 | 14.736 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 19.876 | 16.173 | 45.304 | 2049.211 | 2464.734 | 1.280 | 1676.019 |
| 487.993 | 1.000 | 14.739 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 19.882 | 16.173 | 45.316 | 2048.720 | 2464.155 | 1.280 | 1675.625 |
| 488.110 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 19.876 | 16.173 | 45.303 | 2048.842 | 2464.321 | 1.280 | 1675.738 |
| 488.081 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 19.875 | 16.173 | 45.301 | 2049.062 | 2464.570 | 1.280 | 1675.907 |
| 488.028 | 1.000 | 14.745 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 19.881 | 16.173 | 45.314 | 2049.331 | 2464.878 | 1.280 | 1676.117 |
| 487.964 | 1.000 | 14.741 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 19.874 | 16.173 | 45.298 | 2049.536 | 2465.125 | 1.280 | 1676.285 |
| 487.915 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 19.880 | 16.173 | 45.312 | 2049.463 | 2465.037 | 1.280 | 1676.225 |
| 487.933 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 19.871 | 16.173 | 45.292 | 2050.160 | 2465.891 | 1.281 | 1676.806 |
| 487.767 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 19.888 | 16.173 | 45.331 | 2050.188 | 2465.934 | 1.281 | 1676.835 |
| 487.760 | 1.000 | 14.738 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 19.881 | 16.173 | 45.314 | 2050.318 | 2466.081 | 1.281 | 1676.935 |
| 487.729 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 19.873 | 16.173 | 45.297 | 2050.020 | 2465.707 | 1.281 | 1676.681 |
| 487.800 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 19.879 | 16.173 | 45.311 | 2050.826 | 2466.707 | 1.281 | 1677.361 |
| 487.608 | 1.000 | 14.742 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 19.884 | 16.173 | 45.322 | 2050.343 | 2466.121 | 1.281 | 1676.962 |
| 487.723 | 1.000 | 14.747 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 19.879 | 16.173 | 45.311 | 2050.722 | 2466.552 | 1.281 | 1677.255 |
| 487.633 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 19.871 | 16.173 | 45.292 | 2051.040 | 2466.948 | 1.281 | 1677.525 |
| 487.558 | 1.000 | 14.751 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 19.882 | 16.174 | 45.317 | 2050.601 | 2466.402 | 1.281 | 1677.153 |
| 487.662 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 19.869 | 16.173 | 45.288 | 2051.131 | 2467.058 | 1.281 | 1677.600 |
| 487.536 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 19.874 | 16.173 | 45.298 | 2051.206 | 2467.159 | 1.282 | 1677.668 |
| 487.518 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 19.877 | 16.173 | 45.305 | 2051.277 | 2467.219 | 1.282 | 1677.709 |
| 487.501 | 1.000 | 14.753 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 19.875 | 16.174 | 45.300 | 2051.521 | 2467.503 | 1.282 | 1677.902 |
| 487.443 | 1.000 | 14.756 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 19.875 | 16.174 | 45.302 | 2051.563 | 2467.528 | 1.282 | 1677.919 |
| 487.433 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 19.872 | 16.173 | 45.293 | 2051.733 | 2467.787 | 1.282 | 1678.096 |
| 487.393 | 1.000 | 14.754 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 19.876 | 16.173 | 45.303 | 2051.661 | 2467.686 | 1.282 | 1678.026 |
| 487.410 | 1.000 | 14.749 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 19.885 | 16.173 | 45.323 | 2051.472 | 2467.464 | 1.282 | 1677.875 |
| 487.455 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 19.876 | 16.173 | 45.304 | 2052.035 | 2468.131 | 1.282 | 1678.329 |
| 487.321 | 1.000 | 14.748 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 19.884 | 16.173 | 45.322 | 2051.892 | 2467.963 | 1.282 | 1678.215 |
| 487.355 | 1.000 | 14.743 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 19.877 | 16.173 | 45.306 | 2051.723 | 2467.766 | 1.282 | 1678.081 |
| 487.395 | 1.000 | 14.746 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 19.886 | 16.173 | 45.327 | 2051.811 | 2467.876 | 1.282 | 1678.156 |
| 487.374 | 1.000 | 14.744 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 19.881 | 16.173 | 45.314 | 2052.120 | 2468.247 | 1.282 | 1678.408 |
| 487.301 | 1.000 | 14.747 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 19.875 | 16.174 | 45.300 | 2052.277 | 2468.412 | 1.282 | 1678.520 |
| 487.264 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 19.882 | 16.173 | 45.318 | 2052.616 | 2468.830 | 1.282 | 1678.805 |
| 487.183 | 1.000 | 14.756 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 19.875 | 16.173 | 45.302 | 2052.290 | 2468.458 | 1.282 | 1678.551 |
| 487.260 | 1.000 | 14.763 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 19.879 | 16.173 | 45.310 | 2052.358 | 2468.520 | 1.282 | 1678.593 |
| 487.244 | 1.000 | 14.759 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 19.876 | 16.173 | 45.303 | 2052.978 | 2469.270 | 1.283 | 1679.104 |
| 487.097 | 1.000 | 14.755 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 19.883 | 16.173 | 45.320 | 2052.340 | 2468.512 | 1.282 | 1678.589 |
| 487.249 | 1.000 | 14.750 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 19.882 | 16.174 | 45.318 | 2052.598 | 2468.803 | 1.282 | 1678.786 |
| 487.188 | 1.000 | 14.753 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 19.886 | 16.174 | 45.325 | 2052.901 | 2469.167 | 1.283 | 1679.034 |
| 487.116 | 1.000 | 14.739 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 19.886 | 16.173 | 45.325 | 2053.031 | 2469.364 | 1.283 | 1679.168 |
| 487.085 | 1.000 | 14.736 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 19.889 | 16.173 | 45.333 | 2053.440 | 2469.840 | 1.283 | 1679.492 |
| 486.988 | 1.000 | 14.732 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 19.889 | 16.174 | 45.334 | 2053.468 | 2469.845 | 1.283 | 1679.495 |
| 486.981 | 1.000 | 14.725 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 19.887 | 16.174 | 45.329 | 2053.148 | 2469.459 | 1.283 | 1679.232 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 487.057 | 1.000 | 14.718 | | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 19.892 | 16.173 | 45.340 | 2053.315 | 2469.676 | 1.283 | 1679.380 | |
| 487.017 | 1.000 | 14.716 | | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 19.884 | 16.173 | 45.322 | 2053.948 | 2470.437 | 1.283 | 1679.897 | |
| 486.867 | 1.000 | 14.717 | | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 19.890 | 16.173 | 45.336 | 2053.573 | 2469.991 | 1.283 | 1679.594 | |
| 486.956 | 1.000 | 14.715 | | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 19.886 | 16.173 | 45.327 | 2053.819 | 2470.317 | 1.283 | 1679.815 | |
| 486.898 | 1.000 | 14.715 | | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 19.888 | 16.173 | 45.332 | 2053.915 | 2470.427 | 1.283 | 1679.891 | |
| 486.875 | 1.000 | 14.714 | | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 19.888 | 16.173 | 45.331 | 2054.162 | 2470.729 | 1.283 | 1680.096 | |
| 486.816 | 1.000 | 14.713 | | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 19.891 | 16.173 | 45.337 | 2053.882 | 2470.403 | 1.283 | 1679.874 | |
| 486.883 | 1.000 | 14.709 | | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 19.893 | 16.173 | 45.343 | 2054.385 | 2470.972 | 1.284 | 1680.261 | |
| 486.764 | 1.000 | 14.708 | | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 19.889 | 16.173 | 45.333 | 2053.990 | 2470.532 | 1.283 | 1679.962 | |
| 486.857 | 1.000 | 14.700 | | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 19.891 | 16.173 | 45.337 | 2054.737 | 2471.426 | 1.284 | 1680.569 | |
| 486.680 | 1.000 | 14.699 | | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 19.892 | 16.172 | 45.339 | 2054.272 | 2470.881 | 1.284 | 1680.199 | |
| 486.791 | 1.000 | 14.697 | | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 19.895 | 16.173 | 45.347 | 2054.480 | 2471.092 | 1.284 | 1680.342 | |
| 486.741 | 1.000 | 14.697 | | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 19.890 | 16.172 | 45.335 | 2054.628 | 2471.304 | 1.284 | 1680.487 | |
| 486.706 | 1.000 | 14.694 | | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 19.890 | 16.173 | 45.334 | 2054.662 | 2471.335 | 1.284 | 1680.508 | |
| 486.698 | 1.000 | 14.692 | | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 19.897 | 16.173 | 45.330 | 2054.884 | 2471.588 | 1.284 | 1680.680 | |
| 486.645 | 1.000 | 14.692 | | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 19.893 | 16.173 | 45.342 | 2055.191 | 2471.952 | 1.284 | 1680.927 | |
| 486.573 | 1.000 | 14.689 | | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 19.888 | 16.173 | 45.332 | 2055.075 | 2471.807 | 1.284 | 1680.829 | |
| 486.600 | 1.000 | 14.697 | | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 19.894 | 16.173 | 45.344 | 2055.378 | 2472.188 | 1.284 | 1681.088 | |
| 486.528 | 1.000 | 14.698 | | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 19.898 | 16.173 | 45.354 | 2055.078 | 2471.816 | 1.284 | 1680.835 | |
| 486.600 | 1.000 | 14.700 | | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 19.893 | 16.173 | 45.343 | 2055.199 | 2471.957 | 1.284 | 1680.931 | |
| 486.571 | 1.000 | 14.698 | | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 19.894 | 16.173 | 45.344 | 2055.495 | 2472.307 | 1.284 | 1681.169 | |
| 486.501 | 1.000 | 14.695 | | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 19.895 | 16.173 | 45.347 | 2055.271 | 2472.033 | 1.284 | 1680.982 | |
| 486.554 | 1.000 | 14.695 | | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 19.887 | 16.173 | 45.328 | 2055.606 | 2472.466 | 1.284 | 1681.277 | |
| 486.474 | 1.000 | 14.697 | | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 19.898 | 16.173 | 45.354 | 2055.413 | 2472.214 | 1.284 | 1681.105 | |
| 486.520 | 1.000 | 14.699 | | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 19.889 | 16.173 | 45.334 | 2055.619 | 2472.472 | 1.284 | 1681.281 | |
| 486.471 | 1.000 | 14.702 | | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 19.894 | 16.173 | 45.344 | 2055.696 | 2472.585 | 1.285 | 1681.358 | |
| 486.453 | 1.000 | 14.701 | | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 19.892 | 16.173 | 45.339 | 2055.634 | 2472.495 | 1.284 | 1681.297 | |
| 486.468 | 1.000 | 14.700 | | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 19.890 | 16.173 | 45.335 | 2055.886 | 2472.803 | 1.285 | 1681.506 | |
| 486.408 | 1.000 | 14.714 | | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 19.884 | 16.173 | 45.322 | 2056.093 | 2473.057 | 1.285 | 1681.679 | |
| 486.359 | 1.000 | 14.712 | | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 19.886 | 16.173 | 45.327 | 2056.180 | 2473.161 | 1.285 | 1681.750 | |
| 486.339 | 1.000 | 14.716 | | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 19.893 | 16.173 | 45.342 | 2056.774 | 2473.882 | 1.285 | 1682.240 | |
| 486.198 | 1.000 | 14.719 | | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 19.893 | 16.172 | 45.341 | 2056.747 | 2473.863 | 1.285 | 1682.227 | |
| 486.205 | 1.000 | 14.718 | | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 19.884 | 16.172 | 45.322 | 2057.285 | 2474.526 | 1.286 | 1682.678 | |
| 486.078 | 1.000 | 14.728 | | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 19.896 | 16.172 | 45.350 | 2058.209 | 2475.621 | 1.286 | 1683.422 | |
| 485.859 | 1.000 | 14.726 | | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 19.885 | 16.172 | 45.323 | 2059.072 | 2476.665 | 1.287 | 1684.132 | |
| 485.656 | 1.000 | 14.732 | | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 19.886 | 16.172 | 45.327 | 2060.080 | 2477.896 | 1.287 | 1684.970 | |
| 485.418 | 1.000 | 14.742 | | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 19.888 | 16.172 | 45.330 | 2061.454 | 2479.540 | 1.288 | 1686.087 | |
| 485.095 | 1.000 | 14.738 | | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 19.897 | 16.172 | 45.352 | 2062.858 | 2481.234 | 1.289 | 1687.239 | |
| 484.764 | 1.000 | 14.732 | | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 19.893 | 16.171 | 45.343 | 2063.770 | 2482.376 | 1.290 | 1688.016 | |
| 484.550 | 1.000 | 14.737 | | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 19.896 | 16.172 | 45.348 | 2064.543 | 2483.266 | 1.290 | 1688.621 | |
| 484.369 | 1.000 | 14.730 | | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 19.898 | 16.172 | 45.354 | 2065.408 | 2484.287 | 1.291 | 1689.315 | |
| 484.166 | 1.000 | 14.732 | | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 19.889 | 16.172 | 45.334 | 2066.483 | 2485.594 | 1.292 | 1690.204 | |
| 483.914 | 1.000 | 14.727 | | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 19.898 | 16.172 | 45.355 | 2067.316 | 2486.586 | 1.292 | 1690.879 | |
| 483.719 | 1.000 | 14.721 | | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 19.896 | 16.172 | 45.350 | 2067.605 | 2486.944 | 1.292 | 1691.122 | |
| 483.651 | 1.000 | 14.720 | | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 19.892 | 16.172 | 45.340 | 2068.493 | 2488.001 | 1.293 | 1691.841 | |
| 483.444 | 1.000 | 14.723 | | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 19.898 | 16.172 | 45.353 | 2069.221 | 2488.867 | 1.293 | 1692.430 | |
| 483.274 | 1.000 | 14.716 | | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 19.894 | 16.172 | 45.346 | 2070.307 | 2490.198 | 1.294 | 1693.335 | |
| 483.020 | 1.000 | 14.720 | | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 19.900 | 16.172 | 45.357 | 2071.361 | 2491.431 | 1.295 | 1694.173 | |
| 482.774 | 1.000 | 14.717 | | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 19.900 | 16.172 | 45.358 | 2072.260 | 2492.522 | 1.295 | 1694.915 | |
| 482.565 | 1.000 | 14.717 | | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 19.900 | 16.172 | 45.359 | 2073.050 | 2493.467 | 1.296 | 1695.558 | |
| 482.381 | 1.000 | 14.714 | | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 19.892 | 16.172 | 45.340 | 2074.169 | 2494.844 | 1.297 | 1696.494 | |
| 482.121 | 1.000 | 14.723 | | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 19.895 | 16.172 | 45.347 | 2074.286 | 2494.959 | 1.297 | 1696.572 | |
| 482.094 | 1.000 | 14.721 | | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 19.913 | 16.172 | 45.387 | 2075.078 | 2495.922 | 1.297 | 1697.227 | |
| 481.910 | 1.000 | 14.715 | | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 19.897 | 16.172 | 45.352 | 2075.894 | 2496.933 | 1.298 | 1697.915 | |
| 481.720 | 1.000 | 14.724 | | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 19.914 | 16.172 | 45.389 | 2076.749 | 2497.922 | 1.298 | 1698.587 | |
| 481.522 | 1.000 | 14.718 | | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 19.900 | 16.172 | 45.358 | 2076.968 | 2498.185 | 1.299 | 1698.766 | |
| 481.471 | 1.000 | 14.732 | | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 19.905 | 16.172 | 45.369 | 2077.716 | 2499.105 | 1.299 | 1699.392 | |
| 481.298 | 1.000 | 14.728 | | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 19.898 | 16.172 | 45.353 | 2078.133 | 2499.592 | 1.299 | 1699.722 | |
| 481.201 | 1.000 | 14.731 | | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 19.901 | 16.173 | 45.360 | 2078.570 | 2500.098 | 1.300 | 1700.066 | |
| 481.100 | 1.000 | 14.735 | | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 19.904 | 16.172 | 45.367 | 2078.651 | 2500.219 | 1.300 | 1700.149 | |
| 481.081 | 1.000 | 14.736 | | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 19.906 | 16.172 | 45.372 | 2079.026 | 2500.650 | 1.300 | 1700.442 | |
| 480.995 | 1.000 | 14.738 | | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 19.897 | 16.172 | 45.350 | 2079.380 | 2501.081 | 1.300 | 1700.735 | |
| 480.913 | 1.000 | 14.738 | | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 19.907 | 16.173 | 45.375 | 2079.456 | 2501.152 | 1.300 | 1700.783 | |
| 480.895 | 1.000 | 14.731 | | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 19.904 | 16.172 | 45.367 | 2079.541 | 2501.269 | 1.300 | 1700.863 | |
| 480.875 | 1.000 | 14.738 | | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 19.899 | 16.173 | 45.355 | 2079.194 | 2500.817 | 1.300 | 1700.556 | |
| 480.956 | 1.000 | 14.738 | | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 19.905 | 16.173 | 45.370 | 2079.529 | 2501.240 | 1.300 | 1700.844 | |
| 480.878 | 1.000 | 14.734 | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 6:00:00 PM | 244800.000 | 19.906 | 16.173 | 45.371 | 2079.175 | 2500.789 | 1.300 | 1700.537 |
| 480.960 | 1.000 | 14.734 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 19.907 | 16.173 | 45.374 | 2079.029 | 2500.649 | 1.300 | 1700.442 |
| 480.994 | 1.000 | 14.728 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 19.899 | 16.173 | 45.357 | 2078.987 | 2500.578 | 1.300 | 1700.393 |
| 481.003 | 1.000 | 14.735 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 19.903 | 16.173 | 45.366 | 2079.256 | 2500.897 | 1.300 | 1700.610 |
| 480.941 | 1.000 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 19.908 | 16.173 | 45.377 | 2079.516 | 2501.214 | 1.300 | 1700.826 |
| 480.881 | 1.000 | 14.743 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 19.901 | 16.173 | 45.361 | 2079.187 | 2500.824 | 1.300 | 1700.560 |
| 480.957 | 1.000 | 14.741 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 19.902 | 16.173 | 45.362 | 2079.655 | 2501.403 | 1.300 | 1700.954 |
| 480.849 | 1.000 | 14.750 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 19.899 | 16.172 | 45.355 | 2079.675 | 2501.436 | 1.300 | 1700.976 |
| 480.844 | 1.000 | 14.753 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 19.903 | 16.173 | 45.365 | 2079.840 | 2501.620 | 1.300 | 1701.101 |
| 480.806 | 1.000 | 14.761 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 19.901 | 16.173 | 45.362 | 2079.991 | 2501.786 | 1.300 | 1701.214 |
| 480.771 | 1.000 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 19.903 | 16.173 | 45.365 | 2079.567 | 2501.291 | 1.300 | 1700.878 |
| 480.869 | 1.000 | 14.756 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 19.896 | 16.173 | 45.350 | 2079.878 | 2501.666 | 1.300 | 1701.133 |
| 480.797 | 1.000 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 19.902 | 16.173 | 45.364 | 2079.724 | 2501.470 | 1.300 | 1701.000 |
| 480.833 | 1.000 | 14.762 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 19.911 | 16.173 | 45.384 | 2079.450 | 2501.105 | 1.300 | 1700.752 |
| 480.896 | 1.000 | 14.764 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 19.910 | 16.173 | 45.382 | 2079.579 | 2501.265 | 1.300 | 1700.860 |
| 480.867 | 1.000 | 14.760 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 19.914 | 16.173 | 45.389 | 2079.616 | 2501.345 | 1.300 | 1700.915 |
| 480.858 | 1.000 | 14.754 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 19.908 | 16.173 | 45.377 | 2079.684 | 2501.406 | 1.300 | 1700.956 |
| 480.842 | 1.000 | 14.763 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 19.917 | 16.173 | 45.396 | 2080.421 | 2502.323 | 1.301 | 1701.580 |
| 480.672 | 1.000 | 14.748 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 19.915 | 16.172 | 45.392 | 2080.801 | 2502.791 | 1.301 | 1701.898 |
| 480.584 | 1.000 | 14.763 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 19.912 | 16.172 | 45.386 | 2081.526 | 2503.703 | 1.302 | 1702.518 |
| 480.417 | 1.000 | 14.759 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 19.919 | 16.171 | 45.401 | 2082.601 | 2505.031 | 1.302 | 1703.421 |
| 480.169 | 1.000 | 14.755 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 19.919 | 16.171 | 45.401 | 2084.764 | 2507.638 | 1.304 | 1705.194 |
| 479.671 | 1.000 | 14.753 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 19.929 | 16.171 | 45.425 | 2088.033 | 2511.596 | 1.306 | 1707.886 |
| 478.920 | 1.000 | 14.738 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 19.922 | 16.170 | 45.407 | 2092.239 | 2516.680 | 1.309 | 1711.343 |
| 477.957 | 1.000 | 14.746 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 19.927 | 16.170 | 45.420 | 2097.116 | 2522.572 | 1.312 | 1715.349 |
| 476.845 | 1.000 | 14.747 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 19.928 | 16.169 | 45.423 | 2103.135 | 2529.843 | 1.316 | 1720.294 |
| 475.481 | 1.000 | 14.753 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 19.921 | 16.169 | 45.407 | 2108.523 | 2536.345 | 1.319 | 1724.714 |
| 474.266 | 1.000 | 14.756 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 19.932 | 16.169 | 45.432 | 2112.160 | 2540.730 | 1.322 | 1727.696 |
| 473.449 | 1.000 | 14.744 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 19.933 | 16.168 | 45.433 | 2115.286 | 2544.527 | 1.324 | 1730.278 |
| 472.749 | 1.000 | 14.750 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 19.927 | 16.167 | 45.420 | 2117.511 | 2547.275 | 1.325 | 1732.147 |
| 472.253 | 1.000 | 14.751 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 19.945 | 16.166 | 45.461 | 2120.434 | 2550.837 | 1.327 | 1734.569 |
| 471.602 | 1.000 | 14.735 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 19.938 | 16.165 | 45.444 | 2122.421 | 2553.279 | 1.329 | 1736.230 |
| 471.160 | 1.000 | 14.743 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 19.959 | 16.164 | 45.492 | 2125.250 | 2556.760 | 1.331 | 1738.597 |
| 470.533 | 1.000 | 14.732 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 19.948 | 16.163 | 45.468 | 2128.037 | 2560.160 | 1.332 | 1740.909 |
| 469.917 | 1.000 | 14.733 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 19.951 | 16.162 | 45.474 | 2130.908 | 2563.660 | 1.334 | 1743.289 |
| 469.284 | 1.000 | 14.732 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 19.962 | 16.163 | 45.499 | 2134.733 | 2568.231 | 1.337 | 1746.397 |
| 468.443 | 1.000 | 14.718 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 19.961 | 16.161 | 45.497 | 2140.048 | 2574.698 | 1.340 | 1750.795 |
| 467.279 | 1.000 | 14.723 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 19.970 | 16.160 | 45.519 | 2146.883 | 2583.009 | 1.345 | 1756.446 |
| 465.792 | 1.000 | 14.713 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 19.961 | 16.158 | 45.498 | 2151.771 | 2588.979 | 1.348 | 1760.506 |
| 464.733 | 1.000 | 14.720 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 19.966 | 16.158 | 45.508 | 2155.880 | 2593.960 | 1.351 | 1763.893 |
| 463.848 | 1.000 | 14.709 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 19.962 | 16.158 | 45.500 | 2158.931 | 2597.642 | 1.353 | 1766.397 |
| 463.192 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 19.977 | 16.157 | 45.533 | 2162.183 | 2601.569 | 1.355 | 1769.067 |
| 462.496 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 19.967 | 16.157 | 45.512 | 2165.001 | 2604.977 | 1.357 | 1771.384 |
| 461.894 | 1.000 | 14.707 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 19.968 | 16.157 | 45.513 | 2168.106 | 2608.723 | 1.359 | 1773.932 |
| 461.232 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 19.968 | 16.157 | 45.514 | 2171.499 | 2612.795 | 1.361 | 1776.701 |
| 460.511 | 1.000 | 14.714 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 19.973 | 16.157 | 45.524 | 2175.347 | 2617.442 | 1.364 | 1779.861 |
| 459.697 | 1.000 | 14.693 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 19.973 | 16.158 | 45.525 | 2178.823 | 2621.586 | 1.366 | 1782.679 |
| 458.963 | 1.000 | 14.701 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 19.978 | 16.157 | 45.536 | 2182.042 | 2625.507 | 1.368 | 1785.345 |
| 458.286 | 1.000 | 14.696 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 19.976 | 16.157 | 45.532 | 2185.098 | 2629.152 | 1.370 | 1787.824 |
| 457.645 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 19.983 | 16.157 | 45.546 | 2188.754 | 2633.540 | 1.373 | 1790.807 |
| 456.881 | 1.000 | 14.699 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 19.982 | 16.157 | 45.545 | 2192.277 | 2637.796 | 1.375 | 1793.701 |
| 456.147 | 1.000 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 19.979 | 16.157 | 45.539 | 2195.615 | 2641.812 | 1.377 | 1796.432 |
| 455.453 | 1.000 | 14.708 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 19.982 | 16.157 | 45.546 | 2199.081 | 2645.992 | 1.380 | 1799.275 |
| 454.735 | 1.000 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 19.985 | 16.158 | 45.551 | 2202.683 | 2650.294 | 1.382 | 1802.200 |
| 453.992 | 1.000 | 14.705 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 19.992 | 16.158 | 45.568 | 2205.456 | 2653.620 | 1.384 | 1804.462 |
| 453.421 | 1.000 | 14.700 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 19.988 | 16.158 | 45.559 | 2208.422 | 2657.174 | 1.386 | 1806.878 |
| 452.812 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 19.993 | 16.158 | 45.571 | 2211.133 | 2660.435 | 1.388 | 1809.096 |
| 452.257 | 1.000 | 14.700 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 19.992 | 16.158 | 45.567 | 2213.181 | 2662.883 | 1.389 | 1810.761 |
| 451.838 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 19.994 | 16.159 | 45.573 | 2215.623 | 2665.789 | 1.390 | 1812.736 |
| 451.340 | 1.000 | 14.709 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 19.994 | 16.160 | 45.572 | 2217.468 | 2667.944 | 1.392 | 1814.202 |
| 450.965 | 1.000 | 14.711 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 20.002 | 16.159 | 45.591 | 2219.362 | 2670.271 | 1.393 | 1815.784 |
| 450.580 | 1.000 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 19.992 | 16.159 | 45.569 | 2220.615 | 2671.773 | 1.394 | 1816.806 |
| 450.326 | 1.000 | 14.719 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 19.996 | 16.160 | 45.578 | 2222.342 | 2673.808 | 1.395 | 1818.190 |
| 449.976 | 1.000 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 19.992 | 16.160 | 45.567 | 2224.017 | 2675.808 | 1.396 | 1819.550 |
| 449.637 | 1.000 | 14.727 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 19.996 | 16.161 | 45.577 | 2225.401 | 2677.445 | 1.397 | 1820.663 |
| 449.357 | 1.000 | 14.724 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 20.001 | 16.160 | 45.589 | 2226.023 | 2678.199 | 1.397 | 1821.175 |
| 449.232 | 1.000 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 20.007 | 16.161 | 45.603 | 2226.594 | 2678.843 | 1.398 | 1821.613 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 449.117 | 1.000 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 20.004 | 16.161 | 45.596 | 2227.542 | 2680.011 | 1.398 | 1822.408 |
| 448.925 | 1.000 | 14.720 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 20.005 | 16.161 | 45.596 | 2228.267 | 2680.845 | 1.399 | 1822.975 |
| 448.779 | 1.000 | 14.724 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 20.001 | 16.161 | 45.588 | 2229.373 | 2682.165 | 1.399 | 1823.872 |
| 448.557 | 1.000 | 14.729 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 20.012 | 16.162 | 45.613 | 2229.243 | 2681.949 | 1.399 | 1823.726 |
| 448.583 | 1.000 | 14.715 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 20.025 | 16.162 | 45.642 | 2229.752 | 2682.582 | 1.400 | 1824.156 |
| 448.480 | 1.000 | 14.700 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 20.018 | 16.162 | 45.626 | 2229.854 | 2682.711 | 1.400 | 1824.244 |
| 448.460 | 1.000 | 14.709 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 20.006 | 16.163 | 45.600 | 2229.711 | 2682.469 | 1.400 | 1824.079 |
| 448.489 | 1.000 | 14.710 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 20.012 | 16.164 | 45.613 | 2229.977 | 2682.761 | 1.400 | 1824.278 |
| 448.435 | 1.000 | 14.701 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 20.025 | 16.164 | 45.644 | 2230.811 | 2683.753 | 1.400 | 1824.952 |
| 448.268 | 1.000 | 14.697 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 20.017 | 16.164 | 45.624 | 2231.373 | 2684.425 | 1.401 | 1825.409 |
| 448.155 | 1.000 | 14.701 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 20.034 | 16.163 | 45.663 | 2231.757 | 2684.909 | 1.401 | 1825.738 |
| 448.077 | 1.000 | 14.690 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 20.029 | 16.163 | 45.651 | 2232.406 | 2685.694 | 1.401 | 1826.272 |
| 447.947 | 1.000 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 20.025 | 16.163 | 45.643 | 2232.635 | 2685.969 | 1.402 | 1826.459 |
| 447.901 | 1.000 | 14.688 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 20.027 | 16.163 | 45.647 | 2233.313 | 2686.802 | 1.402 | 1827.026 |
| 447.765 | 1.000 | 14.683 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 20.035 | 16.163 | 45.666 | 2233.139 | 2686.588 | 1.402 | 1826.880 |
| 447.800 | 1.000 | 14.676 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 20.023 | 16.163 | 45.638 | 2233.362 | 2686.850 | 1.402 | 1827.058 |
| 447.755 | 1.000 | 14.685 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 20.027 | 16.163 | 45.648 | 2233.563 | 2687.130 | 1.402 | 1827.248 |
| 447.715 | 1.000 | 14.694 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 20.034 | 16.163 | 45.664 | 2233.934 | 2687.560 | 1.402 | 1827.541 |
| 447.641 | 1.000 | 14.684 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 20.034 | 16.163 | 45.663 | 2234.587 | 2688.373 | 1.403 | 1828.094 |
| 447.510 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 20.043 | 16.163 | 45.684 | 2234.850 | 2688.672 | 1.403 | 1828.297 |
| 447.457 | 1.000 | 14.683 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 20.037 | 16.163 | 45.671 | 2235.250 | 2689.127 | 1.403 | 1828.606 |
| 447.377 | 1.000 | 14.689 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 20.035 | 16.163 | 45.667 | 2235.977 | 2690.040 | 1.404 | 1829.227 |
| 447.232 | 1.000 | 14.691 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 20.036 | 16.163 | 45.667 | 2236.708 | 2690.919 | 1.404 | 1829.825 |
| 447.086 | 1.000 | 14.695 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 20.044 | 16.162 | 45.686 | 2236.848 | 2691.109 | 1.404 | 1829.954 |
| 447.058 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 20.041 | 16.163 | 45.679 | 2237.084 | 2691.371 | 1.405 | 1830.132 |
| 447.010 | 1.000 | 14.684 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 20.046 | 16.163 | 45.691 | 2237.361 | 2691.694 | 1.405 | 1830.352 |
| 446.955 | 1.000 | 14.687 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 20.044 | 16.163 | 45.686 | 2237.722 | 2692.128 | 1.405 | 1830.647 |
| 446.883 | 1.000 | 14.689 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 20.034 | 16.162 | 45.664 | 2237.860 | 2692.333 | 1.405 | 1830.786 |
| 446.855 | 1.000 | 14.693 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 20.055 | 16.162 | 45.712 | 2238.249 | 2692.789 | 1.405 | 1831.096 |
| 446.778 | 1.000 | 14.686 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 20.047 | 16.162 | 45.694 | 2238.579 | 2693.181 | 1.406 | 1831.363 |
| 446.712 | 1.000 | 14.689 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 20.054 | 16.162 | 45.709 | 2238.927 | 2693.627 | 1.406 | 1831.667 |
| 446.643 | 1.000 | 14.687 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 20.048 | 16.162 | 45.697 | 2239.234 | 2693.990 | 1.406 | 1831.913 |
| 446.581 | 1.000 | 14.696 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 20.041 | 16.162 | 45.681 | 2239.689 | 2694.555 | 1.406 | 1832.297 |
| 446.491 | 1.000 | 14.703 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 20.047 | 16.162 | 45.693 | 2239.938 | 2694.849 | 1.406 | 1832.497 |
| 446.441 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 20.053 | 16.162 | 45.707 | 2240.236 | 2695.218 | 1.407 | 1832.748 |
| 446.382 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 20.048 | 16.162 | 45.695 | 2240.258 | 2695.250 | 1.407 | 1832.770 |
| 446.377 | 1.000 | 14.704 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 20.047 | 16.162 | 45.694 | 2240.865 | 2695.986 | 1.407 | 1833.270 |
| 446.256 | 1.000 | 14.711 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 20.061 | 16.162 | 45.724 | 2240.993 | 2696.095 | 1.407 | 1833.345 |
| 446.231 | 1.000 | 14.702 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 20.058 | 16.162 | 45.717 | 2241.129 | 2696.281 | 1.407 | 1833.471 |
| 446.204 | 1.000 | 14.705 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 20.059 | 16.162 | 45.720 | 2241.381 | 2696.584 | 1.407 | 1833.677 |
| 446.154 | 1.000 | 14.703 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 20.064 | 16.161 | 45.732 | 2241.242 | 2696.450 | 1.407 | 1833.586 |
| 446.181 | 1.000 | 14.706 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 20.072 | 16.162 | 45.750 | 2241.939 | 2697.228 | 1.408 | 1834.115 |
| 446.043 | 1.000 | 14.710 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 20.061 | 16.162 | 45.724 | 2242.298 | 2697.699 | 1.408 | 1834.435 |
| 445.971 | 1.000 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 20.060 | 16.162 | 45.724 | 2242.241 | 2697.635 | 1.408 | 1834.392 |
| 445.982 | 1.000 | 14.714 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 20.070 | 16.161 | 45.745 | 2242.481 | 2697.969 | 1.408 | 1834.619 |
| 445.935 | 1.000 | 14.718 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 20.062 | 16.162 | 45.726 | 2242.942 | 2698.463 | 1.408 | 1834.955 |
| 445.843 | 1.000 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 20.070 | 16.161 | 45.745 | 2243.164 | 2698.774 | 1.409 | 1835.166 |
| 445.799 | 1.000 | 14.717 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 20.063 | 16.161 | 45.731 | 2243.149 | 2698.766 | 1.409 | 1835.161 |
| 445.802 | 1.000 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 20.075 | 16.161 | 45.758 | 2243.463 | 2699.116 | 1.409 | 1835.399 |
| 445.740 | 1.000 | 14.716 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 20.070 | 16.161 | 45.747 | 2243.571 | 2699.257 | 1.409 | 1835.495 |
| 445.718 | 1.000 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 20.078 | 16.161 | 45.763 | 2244.316 | 2700.160 | 1.409 | 1836.109 |
| 445.570 | 1.000 | 14.719 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 20.070 | 16.161 | 45.745 | 2244.294 | 2700.116 | 1.409 | 1836.079 |
| 445.574 | 1.000 | 14.725 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 20.071 | 16.161 | 45.748 | 2244.658 | 2700.554 | 1.410 | 1836.377 |
| 445.502 | 1.000 | 14.728 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 20.070 | 16.161 | 45.745 | 2245.168 | 2701.218 | 1.410 | 1836.828 |
| 445.401 | 1.000 | 14.733 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 20.075 | 16.160 | 45.758 | 2245.529 | 2701.673 | 1.410 | 1837.138 |
| 445.329 | 1.000 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 20.076 | 16.161 | 45.759 | 2245.701 | 2701.858 | 1.410 | 1837.264 |
| 445.295 | 1.000 | 14.727 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 20.080 | 16.161 | 45.768 | 2246.082 | 2702.322 | 1.411 | 1837.579 |
| 445.220 | 1.000 | 14.720 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 20.078 | 16.161 | 45.765 | 2246.500 | 2702.792 | 1.411 | 1837.899 |
| 445.137 | 1.000 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 20.079 | 16.161 | 45.767 | 2246.388 | 2702.653 | 1.411 | 1837.804 |
| 445.159 | 1.000 | 14.721 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 20.081 | 16.161 | 45.770 | 2246.968 | 2703.361 | 1.411 | 1838.285 |
| 445.044 | 1.000 | 14.722 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 20.090 | 16.161 | 45.792 | 2247.517 | 2704.044 | 1.412 | 1838.750 |
| 444.935 | 1.000 | 14.710 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 20.088 | 16.160 | 45.787 | 2247.567 | 2704.130 | 1.412 | 1838.808 |
| 444.926 | 1.000 | 14.722 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 20.085 | 16.161 | 45.781 | 2247.827 | 2704.405 | 1.412 | 1838.995 |
| 444.874 | 1.000 | 14.723 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 20.091 | 16.160 | 45.770 | 2248.056 | 2704.730 | 1.412 | 1839.216 |
| 444.829 | 1.000 | 14.736 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 20.084 | 16.160 | 45.777 | 2248.753 | 2705.563 | 1.412 | 1839.783 |
| 444.691 | 1.000 | 14.740 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 20.092 | 16.160 | 45.795 | 2248.890 | 2705.756 | 1.412 | 1839.914 |
| 444.664 | 1.000 | 14.739 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/9/2017 3:15:00 AM | 364500.000 | 20.087 | 16.159 | 45.784 | 2249.051 | 2705.966 | 1.413 | 1840.057 |
| 444.632 | 1.000 | 14.746 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 20.096 | 16.160 | 45.804 | 2249.683 | 2706.692 | 1.413 | 1840.551 |
| 444.507 | 1.000 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 20.091 | 16.160 | 45.794 | 2249.656 | 2706.655 | 1.413 | 1840.526 |
| 444.512 | 1.000 | 14.739 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 20.096 | 16.160 | 45.806 | 2250.309 | 2707.463 | 1.413 | 1841.075 |
| 444.383 | 1.000 | 14.737 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 20.095 | 16.159 | 45.804 | 2250.595 | 2707.840 | 1.414 | 1841.331 |
| 444.327 | 1.000 | 14.738 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 20.092 | 16.159 | 45.795 | 2250.459 | 2707.665 | 1.414 | 1841.212 |
| 444.354 | 1.000 | 14.748 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 20.089 | 16.160 | 45.790 | 2251.065 | 2708.383 | 1.414 | 1841.701 |
| 444.234 | 1.000 | 14.751 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 20.100 | 16.160 | 45.815 | 2251.360 | 2708.728 | 1.414 | 1841.935 |
| 444.176 | 1.000 | 14.741 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 20.103 | 16.160 | 45.820 | 2251.521 | 2708.932 | 1.414 | 1842.074 |
| 444.144 | 1.000 | 14.738 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 20.094 | 16.159 | 45.801 | 2251.813 | 2709.332 | 1.414 | 1842.346 |
| 444.087 | 1.000 | 14.750 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 20.101 | 16.159 | 45.817 | 2251.996 | 2709.552 | 1.415 | 1842.495 |
| 444.051 | 1.000 | 14.746 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 20.104 | 16.159 | 45.824 | 2252.338 | 2709.930 | 1.415 | 1842.753 |
| 443.983 | 1.000 | 14.741 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 20.097 | 16.159 | 45.807 | 2252.343 | 2709.958 | 1.415 | 1842.772 |
| 443.982 | 1.000 | 14.750 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 20.100 | 16.159 | 45.814 | 2252.580 | 2710.260 | 1.415 | 1842.977 |
| 443.935 | 1.000 | 14.754 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 20.103 | 16.159 | 45.820 | 2253.092 | 2710.866 | 1.415 | 1843.389 |
| 443.834 | 1.000 | 14.749 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 20.106 | 16.158 | 45.828 | 2253.440 | 2711.317 | 1.416 | 1843.695 |
| 443.766 | 1.000 | 14.754 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 20.100 | 16.159 | 45.814 | 2253.849 | 2711.766 | 1.416 | 1844.001 |
| 443.685 | 1.000 | 14.761 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 20.103 | 16.158 | 45.821 | 2254.057 | 2712.076 | 1.416 | 1844.212 |
| 443.644 | 1.000 | 14.760 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 20.104 | 16.158 | 45.823 | 2253.830 | 2711.781 | 1.416 | 1844.012 |
| 443.689 | 1.000 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 20.106 | 16.158 | 45.827 | 2254.039 | 2712.037 | 1.416 | 1844.185 |
| 443.648 | 1.000 | 14.766 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 20.105 | 16.158 | 45.827 | 2254.681 | 2712.833 | 1.416 | 1844.726 |
| 443.522 | 1.000 | 14.765 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 20.107 | 16.158 | 45.830 | 2254.390 | 2712.455 | 1.416 | 1844.469 |
| 443.579 | 1.000 | 14.769 | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 20.106 | 16.158 | 45.827 | 2254.760 | 2712.905 | 1.416 | 1844.775 |
| 443.506 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 20.106 | 16.158 | 45.827 | 2254.412 | 2712.492 | 1.416 | 1844.495 |
| 443.575 | 1.000 | 14.771 | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 20.106 | 16.158 | 45.827 | 2255.127 | 2713.352 | 1.417 | 1845.079 |
| 443.434 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 20.108 | 16.158 | 45.832 | 2255.149 | 2713.396 | 1.417 | 1845.110 |
| 443.430 | 1.000 | 14.786 | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 20.112 | 16.158 | 45.842 | 2254.843 | 2713.037 | 1.416 | 1844.866 |
| 443.490 | 1.000 | 14.787 | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 20.107 | 16.158 | 45.831 | 2255.558 | 2713.870 | 1.417 | 1845.432 |
| 443.349 | 1.000 | 14.790 | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 20.107 | 16.158 | 45.830 | 2255.555 | 2713.911 | 1.417 | 1845.460 |
| 443.350 | 1.000 | 14.796 | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 20.110 | 16.158 | 45.837 | 2255.111 | 2713.360 | 1.417 | 1845.085 |
| 443.437 | 1.000 | 14.796 | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 20.105 | 16.158 | 45.825 | 2255.778 | 2714.157 | 1.417 | 1845.627 |
| 443.306 | 1.000 | 14.803 | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 20.113 | 16.158 | 45.843 | 2255.754 | 2714.129 | 1.417 | 1845.608 |
| 443.311 | 1.000 | 14.799 | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 20.107 | 16.158 | 45.831 | 2255.575 | 2713.903 | 1.417 | 1845.454 |
| 443.346 | 1.000 | 14.804 | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 20.114 | 16.158 | 45.847 | 2255.970 | 2714.410 | 1.417 | 1845.799 |
| 443.268 | 1.000 | 14.794 | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 20.112 | 16.158 | 45.843 | 2255.682 | 2714.037 | 1.417 | 1845.545 |
| 443.325 | 1.000 | 14.784 | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 20.112 | 16.158 | 45.841 | 2256.231 | 2714.686 | 1.417 | 1845.987 |
| 443.217 | 1.000 | 14.781 | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 20.119 | 16.158 | 45.857 | 2255.895 | 2714.282 | 1.417 | 1845.712 |
| 443.283 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 20.119 | 16.158 | 45.856 | 2256.298 | 2714.789 | 1.417 | 1846.057 |
| 443.204 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 20.117 | 16.157 | 45.853 | 2256.362 | 2714.921 | 1.417 | 1846.146 |
| 443.191 | 1.000 | 14.782 | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 20.124 | 16.157 | 45.869 | 2256.521 | 2715.101 | 1.418 | 1846.269 |
| 443.160 | 1.000 | 14.772 | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 20.123 | 16.157 | 45.868 | 2256.335 | 2714.883 | 1.417 | 1846.120 |
| 443.197 | 1.000 | 14.768 | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 20.128 | 16.157 | 45.877 | 2256.396 | 2714.939 | 1.418 | 1846.159 |
| 443.185 | 1.000 | 14.768 | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 20.125 | 16.157 | 45.871 | 2256.847 | 2715.526 | 1.418 | 1846.558 |
| 443.096 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 20.114 | 16.156 | 45.846 | 2256.531 | 2715.163 | 1.418 | 1846.311 |
| 443.158 | 1.000 | 14.785 | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 20.118 | 16.156 | 45.856 | 2256.877 | 2715.595 | 1.418 | 1846.605 |
| 443.090 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 20.125 | 16.156 | 45.872 | 2256.894 | 2715.610 | 1.418 | 1846.615 |
| 443.087 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 20.129 | 16.156 | 45.880 | 2257.266 | 2716.091 | 1.418 | 1846.942 |
| 443.014 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 20.123 | 16.156 | 45.867 | 2257.523 | 2716.367 | 1.418 | 1847.130 |
| 442.963 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 20.126 | 16.157 | 45.873 | 2257.284 | 2716.046 | 1.418 | 1846.912 |
| 443.010 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 20.134 | 16.156 | 45.891 | 2257.664 | 2716.564 | 1.418 | 1847.264 |
| 442.936 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 20.132 | 16.156 | 45.887 | 2257.872 | 2716.809 | 1.419 | 1847.430 |
| 442.895 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 20.131 | 16.155 | 45.885 | 2257.720 | 2716.658 | 1.418 | 1847.328 |
| 442.925 | 1.000 | 14.778 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 20.134 | 16.156 | 45.891 | 2258.143 | 2717.152 | 1.419 | 1847.663 |
| 442.842 | 1.000 | 14.782 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 20.131 | 16.155 | 45.885 | 2257.906 | 2716.894 | 1.419 | 1847.488 |
| 442.888 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 20.133 | 16.155 | 45.889 | 2257.996 | 2716.985 | 1.419 | 1847.550 |
| 442.871 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 20.134 | 16.156 | 45.892 | 2258.687 | 2717.801 | 1.419 | 1848.104 |
| 442.735 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 20.138 | 16.155 | 45.901 | 2258.441 | 2717.542 | 1.419 | 1847.929 |
| 442.783 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 20.145 | 16.155 | 45.918 | 2258.507 | 2717.627 | 1.419 | 1847.987 |
| 442.770 | 1.000 | 14.770 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 20.142 | 16.155 | 45.910 | 2258.852 | 2718.043 | 1.419 | 1848.269 |
| 442.703 | 1.000 | 14.765 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 20.138 | 16.155 | 45.901 | 2258.959 | 2718.155 | 1.419 | 1848.345 |
| 442.682 | 1.000 | 14.769 | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 20.138 | 16.154 | 45.901 | 2259.445 | 2718.805 | 1.420 | 1848.787 |
| 442.587 | 1.000 | 14.773 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 20.134 | 16.154 | 45.892 | 2259.329 | 2718.655 | 1.420 | 1848.686 |
| 442.609 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 20.141 | 16.155 | 45.908 | 2259.332 | 2718.642 | 1.420 | 1848.677 |
| 442.609 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 20.142 | 16.154 | 45.909 | 2259.705 | 2719.141 | 1.420 | 1849.016 |
| 442.536 | 1.000 | 14.774 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 20.139 | 16.154 | 45.903 | 2259.247 | 2718.594 | 1.420 | 1848.644 |
| 442.625 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 20.137 | 16.154 | 45.899 | 2259.699 | 2719.122 | 1.420 | 1849.003 |
| 442.537 | 1.000 | 14.778 | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 20.143 | 16.154 | 45.911 | 2259.757 | 2719.215 | 1.420 | 1849.066 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 442.525 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 20.144 | 16.154 | 45.915 | 2259.816 | 2719.285 | 1.420 | 1849.114 |
| 442.514 | 1.000 | 14.777 | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 20.138 | 16.154 | 45.901 | 2259.774 | 2719.235 | 1.420 | 1849.080 |
| 442.522 | 1.000 | 14.786 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 20.143 | 16.154 | 45.912 | 2259.674 | 2719.086 | 1.420 | 1848.979 |
| 442.542 | 1.000 | 14.782 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 20.148 | 16.154 | 45.924 | 2260.118 | 2719.638 | 1.420 | 1849.354 |
| 442.455 | 1.000 | 14.774 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 20.143 | 16.153 | 45.913 | 2260.181 | 2719.729 | 1.420 | 1849.416 |
| 442.442 | 1.000 | 14.783 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 20.144 | 16.154 | 45.915 | 2260.468 | 2720.069 | 1.420 | 1849.647 |
| 442.386 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 20.151 | 16.153 | 45.930 | 2260.690 | 2720.376 | 1.420 | 1849.856 |
| 442.343 | 1.000 | 14.771 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 20.156 | 16.153 | 45.943 | 2260.643 | 2720.329 | 1.420 | 1849.824 |
| 442.352 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 20.152 | 16.153 | 45.932 | 2260.285 | 2719.877 | 1.420 | 1849.517 |
| 442.422 | 1.000 | 14.775 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 20.148 | 16.153 | 45.925 | 2260.571 | 2720.204 | 1.420 | 1849.739 |
| 442.366 | 1.000 | 14.779 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 20.142 | 16.153 | 45.909 | 2260.846 | 2720.535 | 1.421 | 1849.964 |
| 442.312 | 1.000 | 14.785 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 20.146 | 16.152 | 45.919 | 2261.042 | 2720.832 | 1.421 | 1850.166 |
| 442.274 | 1.000 | 14.780 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 20.154 | 16.153 | 45.938 | 2260.583 | 2720.257 | 1.420 | 1849.775 |
| 442.364 | 1.000 | 14.776 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 20.149 | 16.153 | 45.925 | 2260.738 | 2720.444 | 1.421 | 1849.902 |
| 442.333 | 1.000 | 14.783 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 20.158 | 16.152 | 45.946 | 2261.019 | 2720.803 | 1.421 | 1850.146 |
| 442.279 | 1.000 | 14.772 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 20.156 | 16.152 | 45.941 | 2261.210 | 2721.034 | 1.421 | 1850.303 |
| 442.241 | 1.000 | 14.769 | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 20.155 | 16.152 | 45.940 | 2261.169 | 2720.985 | 1.421 | 1850.270 |
| 442.249 | 1.000 | 14.772 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 20.152 | 16.152 | 45.933 | 2260.798 | 2720.544 | 1.421 | 1849.970 |
| 442.322 | 1.000 | 14.777 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 20.156 | 16.152 | 45.942 | 2261.174 | 2721.024 | 1.421 | 1850.296 |
| 442.248 | 1.000 | 14.776 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 20.156 | 16.153 | 45.942 | 2260.708 | 2720.407 | 1.421 | 1849.877 |
| 442.339 | 1.000 | 14.769 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 20.159 | 16.153 | 45.948 | 2261.318 | 2721.152 | 1.421 | 1850.384 |
| 442.220 | 1.000 | 14.766 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 20.157 | 16.152 | 45.943 | 2261.244 | 2721.097 | 1.421 | 1850.346 |
| 442.234 | 1.000 | 14.770 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 20.158 | 16.152 | 45.947 | 2261.479 | 2721.390 | 1.421 | 1850.545 |
| 442.189 | 1.000 | 14.767 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 20.156 | 16.152 | 45.942 | 2261.337 | 2721.242 | 1.421 | 1850.445 |
| 442.216 | 1.000 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 20.158 | 16.152 | 45.947 | 2261.409 | 2721.323 | 1.421 | 1850.500 |
| 442.202 | 1.000 | 14.771 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 20.162 | 16.151 | 45.955 | 2260.755 | 2720.585 | 1.421 | 1849.998 |
| 442.330 | 1.000 | 14.766 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 20.157 | 16.151 | 45.944 | 2260.600 | 2720.387 | 1.420 | 1849.864 |
| 442.361 | 1.000 | 14.769 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 20.159 | 16.151 | 45.949 | 2261.059 | 2720.941 | 1.421 | 1850.240 |
| 442.271 | 1.000 | 14.770 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 20.170 | 16.151 | 45.973 | 2260.658 | 2720.463 | 1.421 | 1849.915 |
| 442.349 | 1.000 | 14.762 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 20.168 | 16.151 | 45.969 | 2261.114 | 2720.984 | 1.421 | 1850.270 |
| 442.260 | 1.000 | 14.759 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 20.171 | 16.151 | 45.976 | 2260.865 | 2720.735 | 1.421 | 1850.100 |
| 442.309 | 1.000 | 14.754 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 20.167 | 16.150 | 45.966 | 2260.757 | 2720.632 | 1.421 | 1850.030 |
| 442.330 | 1.000 | 14.757 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 20.157 | 16.150 | 45.943 | 2260.903 | 2720.835 | 1.421 | 1850.168 |
| 442.301 | 1.000 | 14.761 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 20.166 | 16.150 | 45.965 | 2260.717 | 2720.561 | 1.421 | 1849.981 |
| 442.338 | 1.000 | 14.753 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 20.169 | 16.151 | 45.971 | 2260.317 | 2720.063 | 1.420 | 1849.643 |
| 442.416 | 1.000 | 14.749 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 20.174 | 16.150 | 45.983 | 2260.443 | 2720.248 | 1.420 | 1849.769 |
| 442.391 | 1.000 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 20.169 | 16.150 | 45.972 | 2260.564 | 2720.421 | 1.421 | 1849.886 |
| 442.368 | 1.000 | 14.744 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 20.182 | 16.150 | 46.001 | 2260.067 | 2719.840 | 1.420 | 1849.491 |
| 442.465 | 1.000 | 14.733 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 20.173 | 16.149 | 45.980 | 2259.922 | 2719.715 | 1.420 | 1849.406 |
| 442.493 | 1.000 | 14.741 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 20.179 | 16.149 | 45.995 | 2259.639 | 2719.368 | 1.420 | 1849.170 |
| 442.549 | 1.000 | 14.735 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 20.173 | 16.148 | 45.980 | 2259.988 | 2719.811 | 1.420 | 1849.472 |
| 442.480 | 1.000 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 20.173 | 16.148 | 45.981 | 2259.324 | 2719.028 | 1.420 | 1848.939 |
| 442.610 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 20.188 | 16.148 | 46.016 | 2259.506 | 2719.252 | 1.420 | 1849.092 |
| 442.575 | 1.000 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 20.180 | 16.149 | 45.996 | 2258.972 | 2718.527 | 1.419 | 1848.599 |
| 442.679 | 1.000 | 14.734 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 20.172 | 16.150 | 45.978 | 2258.954 | 2718.501 | 1.419 | 1848.581 |
| 442.683 | 1.000 | 14.742 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 20.178 | 16.149 | 45.993 | 2258.816 | 2718.384 | 1.419 | 1848.501 |
| 442.710 | 1.000 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 20.179 | 16.149 | 45.993 | 2258.742 | 2718.289 | 1.419 | 1848.437 |
| 442.724 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 20.179 | 16.149 | 45.993 | 2258.681 | 2718.227 | 1.419 | 1848.394 |
| 442.736 | 1.000 | 14.737 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 20.179 | 16.149 | 45.995 | 2258.511 | 2718.010 | 1.419 | 1848.247 |
| 442.770 | 1.000 | 14.739 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 20.182 | 16.149 | 46.000 | 2258.107 | 2717.535 | 1.419 | 1847.924 |
| 442.849 | 1.000 | 14.737 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 20.186 | 16.149 | 46.010 | 2258.049 | 2717.455 | 1.419 | 1847.870 |
| 442.860 | 1.000 | 14.739 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 20.180 | 16.149 | 45.996 | 2258.299 | 2717.767 | 1.419 | 1848.081 |
| 442.811 | 1.000 | 14.743 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 20.184 | 16.148 | 46.006 | 2258.316 | 2717.809 | 1.419 | 1848.110 |
| 442.808 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 20.180 | 16.147 | 45.996 | 2257.482 | 2716.866 | 1.419 | 1847.469 |
| 442.971 | 1.000 | 14.747 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 20.177 | 16.147 | 45.989 | 2257.530 | 2716.956 | 1.419 | 1847.530 |
| 442.962 | 1.000 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 20.180 | 16.147 | 45.997 | 2257.131 | 2716.455 | 1.418 | 1847.189 |
| 443.040 | 1.000 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 20.188 | 16.148 | 46.015 | 2257.123 | 2716.406 | 1.418 | 1847.156 |
| 443.042 | 1.000 | 14.750 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 20.187 | 16.148 | 46.013 | 2256.563 | 2715.732 | 1.418 | 1846.698 |
| 443.152 | 1.000 | 14.746 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 20.183 | 16.148 | 46.004 | 2256.222 | 2715.306 | 1.418 | 1846.408 |
| 443.219 | 1.000 | 14.743 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 20.190 | 16.148 | 46.020 | 2256.120 | 2715.216 | 1.418 | 1846.347 |
| 443.239 | 1.000 | 14.740 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 20.194 | 16.146 | 46.028 | 2255.889 | 2715.009 | 1.418 | 1846.206 |
| 443.284 | 1.000 | 14.733 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 20.192 | 16.147 | 46.023 | 2255.244 | 2714.199 | 1.417 | 1845.656 |
| 443.411 | 1.000 | 14.730 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 20.192 | 16.148 | 46.023 | 2254.953 | 2713.795 | 1.417 | 1845.381 |
| 443.468 | 1.000 | 14.729 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 20.188 | 16.149 | 46.014 | 2254.664 | 2713.386 | 1.417 | 1845.103 |
| 443.525 | 1.000 | 14.730 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 20.197 | 16.149 | 46.035 | 2254.506 | 2713.179 | 1.417 | 1844.962 |
| 443.556 | 1.000 | 14.717 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 20.188 | 16.148 | 46.016 | 2253.993 | 2712.634 | 1.416 | 1844.591 |
| 443.657 | 1.000 | 14.716 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/10/2017 12:30:00 PM | 484200.000 | 20.194 | 16.148 | 46.028 | 2254.019 | 2712.632 | 1.416 | 1844.590 |
| 443.652 | 1.000 | 14.707 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 20.202 | 16.148 | 46.047 | 2253.954 | 2712.565 | 1.416 | 1844.544 |
| 443.665 | 1.000 | 14.700 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 20.190 | 16.148 | 46.020 | 2253.409 | 2711.942 | 1.416 | 1844.121 |
| 443.772 | 1.000 | 14.708 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 20.200 | 16.147 | 46.042 | 2252.746 | 2711.177 | 1.415 | 1843.601 |
| 443.903 | 1.000 | 14.696 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 20.197 | 16.146 | 46.035 | 2252.608 | 2711.072 | 1.415 | 1843.529 |
| 443.930 | 1.000 | 14.698 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 20.196 | 16.146 | 46.033 | 2252.204 | 2710.602 | 1.415 | 1843.209 |
| 444.010 | 1.000 | 14.694 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 20.201 | 16.146 | 46.043 | 2251.729 | 2710.007 | 1.415 | 1842.805 |
| 444.103 | 1.000 | 14.689 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 20.208 | 16.147 | 46.060 | 2251.406 | 2709.592 | 1.415 | 1842.523 |
| 444.167 | 1.000 | 14.677 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 20.198 | 16.147 | 46.038 | 2250.979 | 2709.089 | 1.414 | 1842.181 |
| 444.251 | 1.000 | 14.688 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 20.202 | 16.147 | 46.046 | 2250.467 | 2708.456 | 1.414 | 1841.750 |
| 444.352 | 1.000 | 14.683 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 20.204 | 16.146 | 46.051 | 2250.483 | 2708.514 | 1.414 | 1841.789 |
| 444.349 | 1.000 | 14.681 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 20.202 | 16.145 | 46.046 | 2249.871 | 2707.881 | 1.414 | 1841.359 |
| 444.470 | 1.000 | 14.679 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 20.204 | 16.146 | 46.050 | 2249.853 | 2707.773 | 1.414 | 1841.286 |
| 444.473 | 1.000 | 14.671 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 20.210 | 16.147 | 46.066 | 2249.283 | 2707.037 | 1.413 | 1840.785 |
| 444.586 | 1.000 | 14.666 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 20.208 | 16.146 | 46.059 | 2248.725 | 2706.397 | 1.413 | 1840.350 |
| 444.697 | 1.000 | 14.664 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 20.203 | 16.143 | 46.048 | 2247.974 | 2705.663 | 1.412 | 1839.851 |
| 444.845 | 1.000 | 14.663 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 20.203 | 16.144 | 46.050 | 2247.867 | 2705.479 | 1.412 | 1839.726 |
| 444.866 | 1.000 | 14.666 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 20.211 | 16.144 | 46.067 | 2247.538 | 2705.095 | 1.412 | 1839.465 |
| 444.931 | 1.000 | 14.662 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 20.223 | 16.145 | 46.093 | 2246.963 | 2704.333 | 1.412 | 1838.946 |
| 445.045 | 1.000 | 14.640 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 20.214 | 16.146 | 46.074 | 2246.503 | 2703.740 | 1.411 | 1838.543 |
| 445.136 | 1.000 | 14.647 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 20.215 | 16.145 | 46.077 | 2246.001 | 2703.213 | 1.411 | 1838.185 |
| 445.236 | 1.000 | 14.637 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 20.215 | 16.146 | 46.076 | 2245.901 | 2703.027 | 1.411 | 1838.058 |
| 445.256 | 1.000 | 14.649 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 20.215 | 16.145 | 46.077 | 2245.037 | 2702.009 | 1.410 | 1837.366 |
| 445.427 | 1.000 | 14.648 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 20.223 | 16.147 | 46.094 | 2244.786 | 2701.609 | 1.410 | 1837.094 |
| 445.477 | 1.000 | 14.644 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 20.221 | 16.148 | 46.090 | 2244.098 | 2700.698 | 1.410 | 1836.475 |
| 445.613 | 1.000 | 14.638 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 20.219 | 16.147 | 46.085 | 2243.808 | 2700.441 | 1.410 | 1836.300 |
| 445.671 | 1.000 | 14.639 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 20.228 | 16.147 | 46.106 | 2243.244 | 2699.764 | 1.409 | 1835.839 |
| 445.783 | 1.000 | 14.625 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 20.222 | 16.147 | 46.092 | 2242.864 | 2699.322 | 1.409 | 1835.539 |
| 445.859 | 1.000 | 14.628 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 20.232 | 16.144 | 46.114 | 2241.908 | 2698.345 | 1.408 | 1834.875 |
| 446.049 | 1.000 | 14.617 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 20.222 | 16.144 | 46.093 | 2241.421 | 2697.717 | 1.408 | 1834.447 |
| 446.146 | 1.000 | 14.624 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 20.227 | 16.144 | 46.103 | 2240.792 | 2696.992 | 1.408 | 1833.954 |
| 446.271 | 1.000 | 14.617 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 20.227 | 16.145 | 46.104 | 2240.705 | 2696.816 | 1.408 | 1833.835 |
| 446.288 | 1.000 | 14.616 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 20.225 | 16.146 | 46.099 | 2239.797 | 2695.674 | 1.407 | 1833.058 |
| 446.469 | 1.000 | 14.619 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 20.234 | 16.144 | 46.119 | 2239.175 | 2695.034 | 1.407 | 1832.623 |
| 446.593 | 1.000 | 14.607 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 20.229 | 16.145 | 46.107 | 2238.559 | 2694.240 | 1.406 | 1832.083 |
| 446.716 | 1.000 | 14.612 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 20.221 | 16.146 | 46.090 | 2237.891 | 2693.364 | 1.406 | 1831.488 |
| 446.849 | 1.000 | 14.635 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 20.215 | 16.144 | 46.076 | 2237.413 | 2692.909 | 1.405 | 1831.178 |
| 446.945 | 1.000 | 14.649 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 20.220 | 16.144 | 46.088 | 2236.805 | 2692.166 | 1.405 | 1830.673 |
| 447.066 | 1.000 | 14.644 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 20.210 | 16.146 | 46.065 | 2236.394 | 2691.562 | 1.405 | 1830.262 |
| 447.148 | 1.000 | 14.659 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 20.220 | 16.145 | 46.087 | 2236.010 | 2691.138 | 1.404 | 1829.974 |
| 447.225 | 1.000 | 14.652 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 20.228 | 16.146 | 46.107 | 2235.318 | 2690.290 | 1.404 | 1829.397 |
| 447.364 | 1.000 | 14.645 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 20.220 | 16.145 | 46.088 | 2234.754 | 2689.666 | 1.404 | 1828.973 |
| 447.477 | 1.000 | 14.655 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 20.225 | 16.145 | 46.098 | 2233.998 | 2688.744 | 1.403 | 1828.346 |
| 447.628 | 1.000 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 20.225 | 16.145 | 46.099 | 2233.803 | 2688.515 | 1.403 | 1828.190 |
| 447.667 | 1.000 | 14.660 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 20.230 | 16.145 | 46.110 | 2233.512 | 2688.186 | 1.403 | 1827.967 |
| 447.725 | 1.000 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 20.229 | 16.143 | 46.108 | 2233.077 | 2687.733 | 1.403 | 1827.658 |
| 447.813 | 1.000 | 14.657 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 20.228 | 16.144 | 46.106 | 2232.805 | 2687.368 | 1.402 | 1827.411 |
| 447.867 | 1.000 | 14.660 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 20.236 | 16.144 | 46.125 | 2232.528 | 2687.056 | 1.402 | 1827.198 |
| 447.923 | 1.000 | 14.651 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 20.231 | 16.143 | 46.112 | 2232.393 | 2686.917 | 1.402 | 1827.103 |
| 447.950 | 1.000 | 14.657 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 20.226 | 16.143 | 46.101 | 2231.863 | 2686.316 | 1.402 | 1826.695 |
| 448.056 | 1.000 | 14.661 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 20.228 | 16.143 | 46.106 | 2232.357 | 2686.911 | 1.402 | 1827.099 |
| 447.957 | 1.000 | 14.657 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 20.244 | 16.142 | 46.143 | 2231.613 | 2686.042 | 1.402 | 1826.509 |
| 448.106 | 1.000 | 14.652 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 20.234 | 16.142 | 46.120 | 2231.467 | 2685.887 | 1.401 | 1826.403 |
| 448.136 | 1.000 | 14.662 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 20.236 | 16.143 | 46.123 | 2231.448 | 2685.817 | 1.401 | 1826.356 |
| 448.139 | 1.000 | 14.666 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 20.232 | 16.142 | 46.114 | 2231.190 | 2685.565 | 1.401 | 1826.184 |
| 448.191 | 1.000 | 14.669 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 20.236 | 16.141 | 46.123 | 2231.029 | 2685.394 | 1.401 | 1826.068 |
| 448.224 | 1.000 | 14.665 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 20.238 | 16.142 | 46.129 | 2231.037 | 2685.349 | 1.401 | 1826.038 |
| 448.222 | 1.000 | 14.666 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 20.237 | 16.142 | 46.127 | 2230.671 | 2684.909 | 1.401 | 1825.738 |
| 448.296 | 1.000 | 14.671 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 20.237 | 16.141 | 46.125 | 2230.885 | 2685.258 | 1.401 | 1825.976 |
| 448.253 | 1.000 | 14.672 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 20.250 | 16.142 | 46.156 | 2230.288 | 2684.480 | 1.401 | 1825.447 |
| 448.373 | 1.000 | 14.668 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 20.242 | 16.141 | 46.139 | 2229.750 | 2683.870 | 1.400 | 1825.032 |
| 448.481 | 1.000 | 14.675 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 20.247 | 16.141 | 46.149 | 2229.277 | 2683.296 | 1.400 | 1824.641 |
| 448.576 | 1.000 | 14.671 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 20.246 | 16.142 | 46.147 | 2229.570 | 2683.615 | 1.400 | 1824.859 |
| 448.517 | 1.000 | 14.676 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 20.246 | 16.141 | 46.147 | 2229.618 | 2683.717 | 1.400 | 1824.928 |
| 448.507 | 1.000 | 14.678 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 20.245 | 16.140 | 46.145 | 2228.968 | 2682.988 | 1.400 | 1824.432 |
| 448.638 | 1.000 | 14.679 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 20.244 | 16.140 | 46.143 | 2228.856 | 2682.860 | 1.400 | 1824.345 |
| 448.661 | 1.000 | 14.680 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 20.246 | 16.140 | 46.148 | 2228.416 | 2682.314 | 1.400 | 1823.974 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 448.749 | 1.000 | 14.675 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 20.253 | 16.141 | 46.162 | 2228.191 | 2682.010 | 1.399 | 1823.767 |
| 448.795 | 1.000 | 14.669 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 20.254 | 16.141 | 46.164 | 2227.848 | 2681.597 | 1.399 | 1823.486 |
| 448.864 | 1.000 | 14.671 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 20.251 | 16.141 | 46.159 | 2227.123 | 2680.708 | 1.399 | 1822.882 |
| 449.010 | 1.000 | 14.672 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 20.258 | 16.142 | 46.175 | 2226.959 | 2680.457 | 1.399 | 1822.711 |
| 449.043 | 1.000 | 14.673 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 20.248 | 16.141 | 46.151 | 2226.064 | 2679.449 | 1.398 | 1822.025 |
| 449.223 | 1.000 | 14.679 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 20.247 | 16.141 | 46.150 | 2226.333 | 2679.747 | 1.398 | 1822.228 |
| 449.169 | 1.000 | 14.688 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 20.258 | 16.141 | 46.174 | 2225.177 | 2678.393 | 1.397 | 1821.307 |
| 449.402 | 1.000 | 14.681 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 20.260 | 16.141 | 46.178 | 2224.836 | 2677.956 | 1.397 | 1821.010 |
| 449.471 | 1.000 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 20.258 | 16.142 | 46.174 | 2224.188 | 2677.154 | 1.397 | 1820.465 |
| 449.602 | 1.000 | 14.683 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 20.260 | 16.140 | 46.178 | 2223.667 | 2676.635 | 1.396 | 1820.112 |
| 449.708 | 1.000 | 14.687 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 20.257 | 16.140 | 46.173 | 2223.034 | 2675.867 | 1.396 | 1819.590 |
| 449.836 | 1.000 | 14.689 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 20.250 | 16.141 | 46.155 | 2222.816 | 2675.518 | 1.396 | 1819.353 |
| 449.880 | 1.000 | 14.696 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 20.253 | 16.142 | 46.163 | 2222.539 | 2675.158 | 1.396 | 1819.107 |
| 449.936 | 1.000 | 14.698 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 20.250 | 16.141 | 46.155 | 2222.175 | 2674.752 | 1.395 | 1818.832 |
| 450.010 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 20.262 | 16.141 | 46.183 | 2221.515 | 2673.991 | 1.395 | 1818.314 |
| 450.143 | 1.000 | 14.694 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 20.258 | 16.141 | 46.175 | 2221.100 | 2673.474 | 1.395 | 1817.962 |
| 450.227 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 20.258 | 16.141 | 46.174 | 2220.780 | 2673.106 | 1.394 | 1817.712 |
| 450.292 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 20.261 | 16.141 | 46.180 | 2220.083 | 2672.267 | 1.394 | 1817.142 |
| 450.434 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 20.256 | 16.140 | 46.169 | 2219.590 | 2671.700 | 1.394 | 1816.756 |
| 450.534 | 1.000 | 14.714 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 20.263 | 16.141 | 46.185 | 2219.589 | 2671.672 | 1.394 | 1816.737 |
| 450.534 | 1.000 | 14.709 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 20.251 | 16.142 | 46.158 | 2219.063 | 2670.969 | 1.393 | 1816.259 |
| 450.641 | 1.000 | 14.720 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 20.260 | 16.141 | 46.179 | 2218.282 | 2670.067 | 1.393 | 1815.646 |
| 450.799 | 1.000 | 14.719 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 20.259 | 16.141 | 46.177 | 2217.898 | 2669.599 | 1.393 | 1815.327 |
| 450.877 | 1.000 | 14.726 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 20.257 | 16.141 | 46.171 | 2217.479 | 2669.126 | 1.392 | 1815.006 |
| 450.963 | 1.000 | 14.724 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 20.264 | 16.141 | 46.187 | 2216.793 | 2668.302 | 1.392 | 1814.445 |
| 451.102 | 1.000 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 20.258 | 16.142 | 46.175 | 2216.264 | 2667.611 | 1.391 | 1813.975 |
| 451.210 | 1.000 | 14.722 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 20.260 | 16.141 | 46.179 | 2216.129 | 2667.508 | 1.391 | 1813.905 |
| 451.237 | 1.000 | 14.721 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 20.262 | 16.141 | 46.184 | 2216.084 | 2667.410 | 1.391 | 1813.839 |
| 451.246 | 1.000 | 14.719 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 20.272 | 16.141 | 46.207 | 2215.863 | 2667.156 | 1.391 | 1813.666 |
| 451.291 | 1.000 | 14.714 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 20.266 | 16.142 | 46.192 | 2216.126 | 2667.450 | 1.391 | 1813.866 |
| 451.238 | 1.000 | 14.712 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 20.265 | 16.141 | 46.191 | 2216.384 | 2667.787 | 1.392 | 1814.095 |
| 451.185 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 20.271 | 16.141 | 46.203 | 2216.453 | 2667.887 | 1.392 | 1814.163 |
| 451.171 | 1.000 | 14.707 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 20.269 | 16.141 | 46.200 | 2216.175 | 2667.525 | 1.391 | 1813.917 |
| 451.228 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 20.271 | 16.140 | 46.204 | 2216.081 | 2667.459 | 1.391 | 1813.873 |
| 451.247 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 20.273 | 16.141 | 46.209 | 2216.260 | 2667.618 | 1.391 | 1813.980 |
| 451.211 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 20.270 | 16.141 | 46.202 | 2216.190 | 2667.565 | 1.391 | 1813.944 |
| 451.225 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 20.271 | 16.141 | 46.203 | 2216.108 | 2667.444 | 1.391 | 1813.862 |
| 451.242 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 20.273 | 16.141 | 46.208 | 2216.618 | 2668.102 | 1.392 | 1814.309 |
| 451.138 | 1.000 | 14.706 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 20.279 | 16.141 | 46.223 | 2216.189 | 2667.548 | 1.391 | 1813.932 |
| 451.225 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 20.277 | 16.141 | 46.218 | 2216.413 | 2667.812 | 1.392 | 1814.112 |
| 451.179 | 1.000 | 14.706 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 20.273 | 16.141 | 46.209 | 2216.869 | 2668.351 | 1.392 | 1814.479 |
| 451.087 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 20.279 | 16.142 | 46.222 | 2217.031 | 2668.539 | 1.392 | 1814.607 |
| 451.054 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 20.279 | 16.142 | 46.223 | 2216.875 | 2668.346 | 1.392 | 1814.476 |
| 451.085 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 20.280 | 16.141 | 46.225 | 2216.946 | 2668.480 | 1.392 | 1814.567 |
| 451.071 | 1.000 | 14.700 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 20.276 | 16.142 | 46.215 | 2217.117 | 2668.638 | 1.392 | 1814.674 |
| 451.036 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 20.281 | 16.141 | 46.228 | 2217.062 | 2668.625 | 1.392 | 1814.665 |
| 451.047 | 1.000 | 14.702 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 20.273 | 16.141 | 46.209 | 2217.233 | 2668.815 | 1.392 | 1814.794 |
| 451.013 | 1.000 | 14.710 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 20.279 | 16.141 | 46.221 | 2217.839 | 2669.534 | 1.392 | 1815.283 |
| 450.889 | 1.000 | 14.709 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 20.280 | 16.140 | 46.223 | 2218.029 | 2669.805 | 1.393 | 1815.468 |
| 450.851 | 1.000 | 14.707 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 20.279 | 16.140 | 46.222 | 2218.052 | 2669.838 | 1.393 | 1815.490 |
| 450.846 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 20.286 | 16.141 | 46.237 | 2218.082 | 2669.836 | 1.393 | 1815.489 |
| 450.840 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 20.283 | 16.141 | 46.231 | 2217.961 | 2669.686 | 1.393 | 1815.387 |
| 450.864 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 20.275 | 16.141 | 46.213 | 2218.348 | 2670.173 | 1.393 | 1815.718 |
| 450.786 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 20.291 | 16.141 | 46.249 | 2219.171 | 2671.143 | 1.393 | 1816.377 |
| 450.619 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 20.282 | 16.142 | 46.230 | 2219.782 | 2671.840 | 1.394 | 1816.851 |
| 450.495 | 1.000 | 14.706 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 20.281 | 16.141 | 46.227 | 2220.168 | 2672.352 | 1.394 | 1817.200 |
| 450.416 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 20.279 | 16.141 | 46.222 | 2220.112 | 2672.302 | 1.394 | 1817.166 |
| 450.428 | 1.000 | 14.708 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 20.283 | 16.141 | 46.232 | 2220.024 | 2672.180 | 1.394 | 1817.082 |
| 450.445 | 1.000 | 14.703 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 20.286 | 16.141 | 46.239 | 2220.562 | 2672.822 | 1.394 | 1817.519 |
| 450.336 | 1.000 | 14.704 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 20.288 | 16.141 | 46.244 | 2221.462 | 2673.899 | 1.395 | 1818.252 |
| 450.154 | 1.000 | 14.706 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 20.292 | 16.140 | 46.253 | 2221.578 | 2674.099 | 1.395 | 1818.388 |
| 450.130 | 1.000 | 14.705 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 20.291 | 16.141 | 46.250 | 2221.606 | 2674.106 | 1.395 | 1818.392 |
| 450.125 | 1.000 | 14.699 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 20.287 | 16.141 | 46.241 | 2221.314 | 2673.732 | 1.395 | 1818.138 |
| 450.184 | 1.000 | 14.700 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 20.294 | 16.141 | 46.256 | 2221.561 | 2674.002 | 1.395 | 1818.322 |
| 450.134 | 1.000 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 20.290 | 16.141 | 46.248 | 2221.964 | 2674.493 | 1.395 | 1818.656 |
| 450.052 | 1.000 | 14.692 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 20.296 | 16.141 | 46.262 | 2222.601 | 2675.266 | 1.396 | 1819.181 |
| 449.923 | 1.000 | 14.691 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 9:45:00 PM | 603900.000 | 20.287 | 16.141 | 46.241 | 2223.032 | 2675.790 | 1.396 | 1819.537 |
| 449.836 | 1.000 | 14.697 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 20.295 | 16.141 | 46.258 | 2223.293 | 2676.093 | 1.396 | 1819.743 |
| 449.783 | 1.000 | 14.692 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 20.293 | 16.141 | 46.255 | 2223.177 | 2675.985 | 1.396 | 1819.670 |
| 449.807 | 1.000 | 14.691 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 20.296 | 16.140 | 46.260 | 2222.833 | 2675.604 | 1.396 | 1819.411 |
| 449.876 | 1.000 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 20.294 | 16.141 | 46.256 | 2222.820 | 2675.556 | 1.396 | 1819.378 |
| 449.879 | 1.000 | 14.689 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 20.295 | 16.141 | 46.258 | 2222.807 | 2675.545 | 1.396 | 1819.371 |
| 449.882 | 1.000 | 14.681 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 20.300 | 16.141 | 46.269 | 2223.010 | 2675.752 | 1.396 | 1819.511 |
| 449.841 | 1.000 | 14.685 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 20.290 | 16.142 | 46.246 | 2223.904 | 2676.812 | 1.397 | 1820.232 |
| 449.660 | 1.000 | 14.688 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 20.295 | 16.140 | 46.259 | 2223.578 | 2676.490 | 1.396 | 1820.014 |
| 449.726 | 1.000 | 14.686 | | | | | | |

Report Date: 1/16/2017 8:33:30 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-9D LT Test_2017-01-12_15-51-09-706-BaroMerge.wsl
Create Date: 1/16/2017 8:29:56 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-9D
Device Name:
Serial Number: 437458
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 0

Log Configuration
Log Name: MPWSP MW-9D LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 1/14/2016 6:00:31 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 1/15/2016 7:00:00 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: Depth
Specific Gravity: 0.999

Other Log Settings
Depth of Probe: 36.7545 (ft)
Head Pressure: 15.9182 (PSI)
Temperature: 18.5646 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 1/14/2016 6:00:40 PM | Used Battery: 0% Used Memory: 3% User Name: KMakar |
| 1/15/2016 9:46:56 AM | Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar |
| 1/21/2016 8:40:05 AM | Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar |
| 1/28/2016 8:53:47 AM | Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:05:00 PM |
| 2/4/2016 9:56:59 AM | Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 7:00:00 AM Stop Time: 2/4/2016 10:45:00 AM |
| 2/11/2016 9:46:54 AM | Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM |
| 2/18/2016 11:36:38 AM | Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM |
| 2/25/2016 11:25:56 AM | Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:30:00 AM |
| 3/3/2016 12:32:15 PM | Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM |
| 3/10/2016 2:24:10 PM | Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM |
| 3/17/2016 11:02:30 AM | Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 11:44:45 AM |
| 3/24/2016 8:37:37 AM | Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:45:00 AM |
| 3/31/2016 2:46:59 PM | Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 2:45:00 PM |
| 4/7/2016 9:08:18 AM | Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:15:00 AM |
| 4/14/2016 3:45:31 PM | Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:45:00 PM |
| 4/21/2016 1:49:21 PM | Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM |
| 4/28/2016 9:22:30 AM | Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:30:00 AM |
| 5/5/2016 9:13:28 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:00:00 AM |
| 5/12/2016 9:50:50 AM | Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM |
| 5/19/2016 1:23:46 PM | Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:15:00 PM |
| 5/26/2016 8:49:47 AM | Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:45:00 AM |
| 6/2/2016 11:13:45 AM | Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:00:00 PM |
| 6/9/2016 9:20:24 AM | Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:15:00 AM |
| 6/16/2016 10:53:22 AM | Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:45:00 AM |
| 6/23/2016 9:47:24 AM | Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM |
| 7/1/2016 11:19:31 AM | Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM |
| 7/8/2016 11:34:38 AM | Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM |
| 7/14/2016 5:29:33 PM | Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 6:15:00 PM |
| 7/21/2016 10:12:11 AM | Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM |
| 7/28/2016 5:56:19 PM | Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:45:00 PM |
| 8/4/2016 2:32:07 PM | Log Download - Used Battery: 10% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:00:00 PM |
| 8/11/2016 10:18:10 AM | Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:15:00 AM |
| 8/18/2016 3:13:55 PM | Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:00:00 PM |
| 8/25/2016 12:04:26 PM | Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:00:00 PM |
| 9/1/2016 3:44:13 PM | Log Download - Used Battery: 12% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:15:00 PM |
| 9/8/2016 6:04:39 PM | Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:45:00 PM |
| 9/15/2016 2:29:01 PM | Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:00:00 PM |
| 9/22/2016 12:18:03 PM | Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:15:00 PM |
| 10/1/2016 11:00:05 AM | Log Download - Used Battery: 13% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 11:45:00 AM |
| 10/7/2016 4:44:07 PM | Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:30:00 PM |
| 10/13/2016 4:03:20 PM | Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:00:00 PM |
| 10/20/2016 4:28:07 PM | Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 5:00:00 PM |
| 10/27/2016 4:52:39 PM | Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 4:45:00 PM |
| 11/3/2016 4:04:45 PM | Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 4:00:00 PM |
| 11/11/2016 7:53:11 AM | Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 5:30:00 PM |
| 11/17/2016 3:19:14 PM | Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:15:00 PM |
| 11/24/2016 12:07:34 PM | Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:00:00 PM |
| 12/2/2016 7:32:13 AM | Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 5:15:00 PM |
| 12/9/2016 9:11:00 AM | Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 6:30:00 PM |
| 12/15/2016 3:02:37 PM | Log Download - Used Battery: 17% Used Memory: 42% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:00:00 PM |
| 12/22/2016 11:32:00 AM | Log Download - Used Battery: 18% Used Memory: 42% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 12:30:00 PM |
| 1/5/2017 9:47:50 AM | Log Download - Used Battery: 18% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 9:45:00 AM |
| 1/12/2017 3:49:22 PM | Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 5:15:00 PM |
| 1/16/2017 8:29:56 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 744
Sensors: 2
1 - 437458: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: Baro-Adj Calc SN#: 000000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date and Time | Elapsed Time Seconds | Corrected Pressure (PSI) | Temperature (C) | Depth (ft) | Actual Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (PSU) | Total Dissolved Solids (ppm) | Resistivity (ohm-cm) | Water Density (g/cm3) | Barometric Pressure (PSI) | Corrected |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 154.513 | 21.095 | 356.765 | 762.112 | 823.537 | 0.408 | 560.005 | 1312.144 | 0.998 | 14.703 |
| 1/5/2017 12:15:00 AM | 8100.000 | 154.505 | 21.102 | 356.746 | 762.088 | 823.393 | 0.408 | 559.907 | 1312.184 | 0.998 | 14.710 |
| 1/5/2017 12:30:00 AM | 9000.000 | 154.494 | 21.108 | 356.722 | 762.281 | 823.495 | 0.408 | 559.977 | 1311.852 | 0.998 | 14.713 |
| 1/5/2017 12:45:00 AM | 9900.000 | 154.499 | 21.108 | 356.733 | 762.496 | 823.730 | 0.408 | 560.137 | 1311.483 | 0.998 | 14.717 |
| 1/5/2017 1:00:00 AM | 10800.000 | 154.471 | 21.110 | 356.669 | 762.769 | 823.996 | 0.408 | 560.317 | 1311.014 | 0.998 | 14.716 |
| 1/5/2017 1:15:00 AM | 11700.000 | 154.492 | 21.108 | 356.718 | 762.599 | 823.837 | 0.408 | 560.209 | 1311.306 | 0.998 | 14.714 |
| 1/5/2017 1:30:00 AM | 12600.000 | 154.509 | 21.098 | 356.757 | 762.121 | 823.488 | 0.408 | 559.972 | 1312.127 | 0.998 | 14.717 |
| 1/5/2017 1:45:00 AM | 13500.000 | 154.506 | 21.097 | 356.749 | 762.377 | 823.789 | 0.408 | 560.177 | 1311.687 | 0.998 | 14.720 |
| 1/5/2017 2:00:00 AM | 14400.000 | 154.464 | 21.102 | 356.652 | 762.646 | 823.999 | 0.408 | 560.319 | 1311.224 | 0.998 | 14.723 |
| 1/5/2017 2:15:00 AM | 15300.000 | 154.507 | 21.114 | 356.752 | 762.911 | 824.077 | 0.408 | 560.372 | 1310.769 | 0.998 | 14.718 |
| 1/5/2017 2:30:00 AM | 16200.000 | 154.496 | 21.107 | 356.727 | 762.053 | 823.273 | 0.408 | 559.826 | 1312.245 | 0.998 | 14.718 |
| 1/5/2017 2:45:00 AM | 17100.000 | 154.506 | 21.095 | 356.751 | 761.417 | 822.779 | 0.408 | 559.490 | 1313.341 | 0.998 | 14.721 |
| 1/5/2017 3:00:00 AM | 18000.000 | 154.502 | 21.102 | 356.740 | 762.315 | 823.639 | 0.408 | 560.075 | 1311.794 | 0.998 | 14.724 |
| 1/5/2017 3:15:00 AM | 18900.000 | 154.524 | 21.102 | 356.791 | 763.401 | 824.803 | 0.409 | 560.866 | 1309.927 | 0.998 | 14.718 |
| 1/5/2017 3:30:00 AM | 19800.000 | 154.517 | 21.108 | 356.776 | 764.103 | 825.470 | 0.409 | 561.320 | 1308.723 | 0.998 | 14.721 |
| 1/5/2017 3:45:00 AM | 20700.000 | 154.526 | 21.106 | 356.795 | 763.936 | 825.311 | 0.409 | 561.212 | 1309.011 | 0.998 | 14.722 |
| 1/5/2017 4:00:00 AM | 21600.000 | 154.510 | 21.114 | 356.759 | 763.753 | 824.989 | 0.409 | 560.993 | 1309.323 | 0.998 | 14.720 |
| 1/5/2017 4:15:00 AM | 22500.000 | 154.531 | 21.114 | 356.807 | 763.703 | 824.936 | 0.409 | 560.957 | 1309.410 | 0.998 | 14.717 |
| 1/5/2017 4:30:00 AM | 23400.000 | 154.530 | 21.111 | 356.806 | 763.166 | 824.397 | 0.409 | 560.590 | 1310.331 | 0.998 | 14.725 |
| 1/5/2017 4:45:00 AM | 24300.000 | 154.530 | 21.110 | 356.805 | 763.179 | 824.434 | 0.409 | 560.615 | 1310.309 | 0.998 | 14.722 |
| 1/5/2017 5:00:00 AM | 25200.000 | 154.537 | 21.102 | 356.822 | 763.295 | 824.697 | 0.409 | 560.794 | 1310.110 | 0.998 | 14.707 |
| 1/5/2017 5:15:00 AM | 26100.000 | 154.547 | 21.103 | 356.845 | 762.894 | 824.242 | 0.408 | 560.485 | 1310.799 | 0.998 | 14.722 |
| 1/5/2017 5:30:00 AM | 27000.000 | 154.536 | 21.109 | 356.818 | 763.455 | 824.754 | 0.409 | 560.832 | 1309.835 | 0.998 | 14.718 |
| 1/5/2017 5:45:00 AM | 27900.000 | 154.543 | 21.107 | 356.836 | 762.918 | 824.207 | 0.408 | 560.461 | 1310.757 | 0.998 | 14.722 |
| 1/5/2017 6:00:00 AM | 28800.000 | 154.543 | 21.109 | 356.835 | 763.044 | 824.300 | 0.408 | 560.524 | 1310.541 | 0.998 | 14.720 |
| 1/5/2017 6:15:00 AM | 29700.000 | 154.513 | 21.102 | 356.765 | 762.806 | 824.159 | 0.408 | 560.428 | 1310.949 | 0.998 | 14.728 |
| 1/5/2017 6:30:00 AM | 30600.000 | 154.548 | 21.109 | 356.846 | 762.717 | 823.958 | 0.408 | 560.291 | 1311.102 | 0.998 | 14.723 |
| 1/5/2017 6:45:00 AM | 31500.000 | 154.544 | 21.108 | 356.837 | 762.640 | 823.890 | 0.408 | 560.245 | 1311.234 | 0.998 | 14.733 |
| 1/5/2017 7:00:00 AM | 32400.000 | 154.549 | 21.099 | 356.849 | 762.277 | 823.652 | 0.408 | 560.083 | 1311.859 | 0.998 | 14.736 |
| 1/5/2017 7:15:00 AM | 33300.000 | 154.552 | 21.108 | 356.855 | 762.313 | 823.525 | 0.408 | 559.997 | 1311.796 | 0.998 | 14.735 |
| 1/5/2017 7:30:00 AM | 34200.000 | 154.568 | 21.109 | 356.893 | 762.917 | 824.176 | 0.408 | 560.439 | 1310.758 | 0.998 | 14.730 |
| 1/5/2017 7:45:00 AM | 35100.000 | 154.557 | 21.104 | 356.867 | 763.411 | 824.791 | 0.409 | 560.858 | 1309.910 | 0.998 | 14.731 |
| 1/5/2017 8:00:00 AM | 36000.000 | 154.556 | 21.115 | 356.866 | 763.733 | 824.942 | 0.409 | 560.960 | 1309.359 | 0.998 | 14.737 |
| 1/5/2017 8:15:00 AM | 36900.000 | 154.565 | 21.111 | 356.887 | 763.574 | 824.836 | 0.409 | 560.889 | 1309.630 | 0.998 | 14.739 |
| 1/5/2017 8:30:00 AM | 37800.000 | 154.572 | 21.108 | 356.901 | 763.289 | 824.586 | 0.409 | 560.718 | 1310.120 | 0.998 | 14.745 |
| 1/5/2017 8:45:00 AM | 38700.000 | 154.549 | 21.103 | 356.849 | 762.241 | 823.542 | 0.408 | 560.008 | 1311.921 | 0.998 | 14.750 |
| 1/5/2017 9:00:00 AM | 39600.000 | 154.554 | 21.116 | 356.860 | 761.862 | 822.907 | 0.408 | 559.577 | 1312.573 | 0.998 | 14.747 |
| 1/5/2017 9:15:00 AM | 40500.000 | 154.546 | 21.116 | 356.841 | 761.550 | 822.580 | 0.408 | 559.354 | 1313.111 | 0.998 | 14.760 |
| 1/5/2017 9:30:00 AM | 41400.000 | 154.570 | 21.113 | 356.898 | 761.083 | 822.111 | 0.407 | 559.035 | 1313.917 | 0.998 | 14.750 |
| 1/5/2017 9:45:00 AM | 42300.000 | 154.547 | 21.108 | 356.844 | 761.128 | 822.257 | 0.407 | 559.135 | 1313.839 | 0.998 | 14.758 |
| 1/5/2017 10:00:00 AM | 43200.000 | 154.564 | 21.108 | 356.883 | 760.946 | 822.059 | 0.407 | 559.000 | 1314.154 | 0.998 | 14.757 |
| 1/5/2017 10:15:00 AM | 44100.000 | 154.563 | 21.099 | 356.882 | 761.812 | 823.142 | 0.408 | 559.737 | 1312.659 | 0.998 | 14.757 |
| 1/5/2017 10:30:00 AM | 45000.000 | 154.555 | 21.103 | 356.863 | 762.401 | 823.704 | 0.408 | 560.119 | 1311.646 | 0.998 | 14.758 |
| 1/5/2017 10:45:00 AM | 45900.000 | 154.555 | 21.110 | 356.863 | 762.643 | 823.848 | 0.408 | 560.216 | 1311.230 | 0.998 | 14.758 |
| 1/5/2017 11:00:00 AM | 46800.000 | 154.576 | 21.108 | 356.912 | 762.871 | 824.134 | 0.408 | 560.411 | 1310.838 | 0.998 | 14.746 |
| 1/5/2017 11:15:00 AM | 47700.000 | 154.568 | 21.099 | 356.892 | 762.955 | 824.375 | 0.409 | 560.575 | 1310.694 | 0.998 | 14.751 |
| 1/5/2017 11:30:00 AM | 48600.000 | 154.555 | 21.109 | 356.863 | 763.974 | 825.305 | 0.409 | 561.208 | 1308.945 | 0.998 | 14.757 |
| 1/5/2017 11:45:00 AM | 49500.000 | 154.535 | 21.102 | 356.817 | 764.051 | 825.514 | 0.409 | 561.350 | 1308.814 | 0.998 | 14.750 |
| 1/5/2017 12:00:00 PM | 50400.000 | 154.572 | 21.106 | 356.902 | 764.065 | 825.466 | 0.409 | 561.317 | 1308.790 | 0.998 | 14.745 |
| 1/5/2017 12:15:00 PM | 51300.000 | 154.550 | 21.113 | 356.851 | 763.914 | 825.183 | 0.409 | 561.125 | 1309.049 | 0.998 | 14.749 |
| 1/5/2017 12:30:00 PM | 52200.000 | 154.560 | 21.115 | 356.873 | 763.980 | 825.212 | 0.409 | 561.144 | 1308.935 | 0.998 | 14.748 |
| 1/5/2017 12:45:00 PM | 53100.000 | 154.557 | 21.113 | 356.867 | 763.635 | 824.874 | 0.409 | 560.914 | 1309.526 | 0.998 | 14.742 |
| 1/5/2017 1:00:00 PM | 54000.000 | 154.560 | 21.107 | 356.874 | 762.567 | 823.831 | 0.408 | 560.205 | 1311.360 | 0.998 | 14.742 |
| 1/5/2017 1:15:00 PM | 54900.000 | 154.570 | 21.114 | 356.897 | 762.924 | 824.092 | 0.408 | 560.383 | 1310.747 | 0.998 | 14.736 |
| 1/5/2017 1:30:00 PM | 55800.000 | 154.555 | 21.099 | 356.863 | 762.350 | 823.717 | 0.408 | 560.128 | 1311.734 | 0.998 | 14.736 |
| 1/5/2017 1:45:00 PM | 56700.000 | 154.562 | 21.102 | 356.878 | 762.019 | 823.321 | 0.408 | 559.858 | 1312.304 | 0.998 | 14.740 |
| 1/5/2017 2:00:00 PM | 57600.000 | 154.561 | 21.107 | 356.876 | 762.388 | 823.622 | 0.408 | 560.063 | 1311.669 | 0.998 | 14.744 |
| 1/5/2017 2:15:00 PM | 58500.000 | 154.554 | 21.104 | 356.861 | 762.794 | 824.122 | 0.408 | 560.403 | 1310.969 | 0.998 | 14.741 |
| 1/5/2017 2:30:00 PM | 59400.000 | 154.561 | 21.101 | 356.877 | 763.005 | 824.392 | 0.409 | 560.587 | 1310.607 | 0.998 | 14.739 |
| 1/5/2017 2:45:00 PM | 60300.000 | 154.569 | 21.108 | 356.895 | 764.109 | 825.464 | 0.409 | 561.316 | 1308.714 | 0.998 | 14.738 |
| 1/5/2017 3:00:00 PM | 61200.000 | 154.564 | 21.113 | 356.884 | 764.108 | 825.385 | 0.409 | 561.262 | 1308.716 | 0.998 | 14.741 |
| 1/5/2017 3:15:00 PM | 62100.000 | 154.570 | 21.104 | 356.897 | 763.472 | 824.855 | 0.409 | 560.902 | 1309.806 | 0.998 | 14.740 |
| 1/5/2017 3:30:00 PM | 63000.000 | 154.556 | 21.107 | 356.866 | 763.160 | 824.463 | 0.409 | 560.635 | 1310.341 | 0.998 | 14.739 |
| 1/5/2017 3:45:00 PM | 63900.000 | 154.565 | 21.111 | 356.887 | 763.380 | 824.640 | 0.409 | 560.755 | 1309.963 | 0.998 | 14.740 |
| 1/5/2017 4:00:00 PM | 64800.000 | 154.571 | 21.103 | 356.899 | 763.083 | 824.455 | 0.409 | 560.629 | 1310.473 | 0.998 | 14.741 |
| 1/5/2017 4:15:00 PM | 65700.000 | 154.567 | 21.108 | 356.890 | 763.473 | 824.780 | 0.409 | 560.851 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1309.804 | 0.998 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 154.563 | 21.101 | 356.880 | 763.452 | 824.875 | 0.409 | 560.915 |
| 1309.840 | 0.998 | 14.745 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 154.559 | 21.103 | 356.871 | 763.297 | 824.683 | 0.409 | 560.784 |
| 1310.106 | 0.998 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 154.555 | 21.111 | 356.864 | 764.321 | 825.650 | 0.409 | 561.442 |
| 1308.351 | 0.998 | 14.749 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 154.572 | 21.109 | 356.902 | 764.065 | 825.406 | 0.409 | 561.276 |
| 1308.790 | 0.998 | 14.751 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 154.561 | 21.101 | 356.876 | 763.928 | 825.394 | 0.409 | 561.268 |
| 1309.024 | 0.998 | 14.753 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 154.533 | 21.108 | 356.813 | 763.698 | 825.034 | 0.409 | 561.023 |
| 1309.418 | 0.998 | 14.751 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 154.582 | 21.098 | 356.925 | 763.637 | 825.129 | 0.409 | 561.088 |
| 1309.522 | 0.998 | 14.745 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 154.564 | 21.106 | 356.883 | 763.642 | 825.003 | 0.409 | 561.002 |
| 1309.515 | 0.998 | 14.755 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 154.576 | 21.098 | 356.911 | 763.817 | 825.326 | 0.409 | 561.222 |
| 1309.214 | 0.998 | 14.748 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 154.555 | 21.097 | 356.862 | 763.679 | 825.190 | 0.409 | 561.130 |
| 1309.451 | 0.998 | 14.761 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 154.564 | 21.102 | 356.884 | 764.296 | 825.769 | 0.409 | 561.523 |
| 1308.394 | 0.998 | 14.759 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 154.569 | 21.096 | 356.896 | 764.468 | 826.067 | 0.409 | 561.726 |
| 1308.099 | 0.998 | 14.757 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 154.571 | 21.089 | 356.900 | 764.452 | 826.167 | 0.409 | 561.794 |
| 1308.127 | 0.998 | 14.760 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 154.564 | 21.093 | 356.883 | 764.721 | 826.384 | 0.410 | 561.941 |
| 1307.666 | 0.998 | 14.756 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 154.532 | 21.106 | 356.810 | 765.187 | 826.671 | 0.410 | 562.136 |
| 1306.870 | 0.998 | 14.758 | | | | | | |
| 1/5/2017 8:15:00 PM | 80100.000 | 154.568 | 21.103 | 356.894 | 765.527 | 827.090 | 0.410 | 562.421 |
| 1306.290 | 0.998 | 14.763 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 154.568 | 21.101 | 356.892 | 765.706 | 827.315 | 0.410 | 562.574 |
| 1305.985 | 0.998 | 14.759 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 154.556 | 21.115 | 356.864 | 766.210 | 827.619 | 0.410 | 562.781 |
| 1305.125 | 0.998 | 14.763 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 154.550 | 21.111 | 356.851 | 765.722 | 827.170 | 0.410 | 562.476 |
| 1305.956 | 0.998 | 14.769 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 154.560 | 21.111 | 356.875 | 765.062 | 826.449 | 0.410 | 561.985 |
| 1307.084 | 0.998 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 154.552 | 21.109 | 356.855 | 764.884 | 826.298 | 0.410 | 561.883 |
| 1307.388 | 0.998 | 14.767 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 154.544 | 21.097 | 356.838 | 764.075 | 825.617 | 0.409 | 561.419 |
| 1308.772 | 0.998 | 14.778 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 154.514 | 21.100 | 356.768 | 764.453 | 825.982 | 0.409 | 561.668 |
| 1308.125 | 0.998 | 14.773 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 154.555 | 21.106 | 356.864 | 763.714 | 825.085 | 0.409 | 561.058 |
| 1309.392 | 0.998 | 14.775 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 154.515 | 21.110 | 356.770 | 764.054 | 825.371 | 0.409 | 561.252 |
| 1308.808 | 0.998 | 14.768 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 154.566 | 21.106 | 356.889 | 764.260 | 825.663 | 0.409 | 561.451 |
| 1308.455 | 0.998 | 14.764 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 154.549 | 21.108 | 356.849 | 764.174 | 825.535 | 0.409 | 561.364 |
| 1308.602 | 0.998 | 14.773 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 154.558 | 21.113 | 356.871 | 764.170 | 825.446 | 0.409 | 561.303 |
| 1308.609 | 0.998 | 14.764 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 154.546 | 21.112 | 356.841 | 763.721 | 824.990 | 0.409 | 560.993 |
| 1309.378 | 0.998 | 14.770 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 154.507 | 21.108 | 356.753 | 763.504 | 824.827 | 0.409 | 560.882 |
| 1309.752 | 0.998 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 154.512 | 21.109 | 356.763 | 763.343 | 824.623 | 0.409 | 560.744 |
| 1310.027 | 0.998 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 154.561 | 21.107 | 356.877 | 763.489 | 824.822 | 0.409 | 560.879 |
| 1309.776 | 0.998 | 14.770 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 154.517 | 21.105 | 356.775 | 763.805 | 825.194 | 0.409 | 561.132 |
| 1309.235 | 0.998 | 14.772 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 154.549 | 21.106 | 356.850 | 764.110 | 825.507 | 0.409 | 561.345 |
| 1308.713 | 0.998 | 14.768 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 154.551 | 21.111 | 356.853 | 764.337 | 825.665 | 0.409 | 561.452 |
| 1308.323 | 0.998 | 14.772 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 154.555 | 21.093 | 356.863 | 763.635 | 825.208 | 0.409 | 561.142 |
| 1309.526 | 0.998 | 14.769 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 154.555 | 21.100 | 356.862 | 763.841 | 825.321 | 0.409 | 561.218 |
| 1309.173 | 0.998 | 14.772 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 154.542 | 21.100 | 356.832 | 765.023 | 826.592 | 0.410 | 562.082 |
| 1307.151 | 0.998 | 14.770 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 154.557 | 21.101 | 356.868 | 764.956 | 826.506 | 0.410 | 562.024 |
| 1307.265 | 0.998 | 14.765 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 154.562 | 21.112 | 356.880 | 766.335 | 827.812 | 0.410 | 562.912 |
| 1304.912 | 0.998 | 14.771 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 154.548 | 21.108 | 356.846 | 766.228 | 827.754 | 0.410 | 562.873 |
| 1305.094 | 0.998 | 14.765 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 154.560 | 21.107 | 356.874 | 765.768 | 827.279 | 0.410 | 562.550 |
| 1305.879 | 0.998 | 14.776 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 154.549 | 21.109 | 356.849 | 765.220 | 826.658 | 0.410 | 562.127 |
| 1306.813 | 0.998 | 14.769 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 154.549 | 21.098 | 356.850 | 764.574 | 826.137 | 0.409 | 561.773 |
| 1307.918 | 0.998 | 14.767 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 154.564 | 21.112 | 356.884 | 764.572 | 825.905 | 0.409 | 561.615 |
| 1307.922 | 0.998 | 14.769 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 154.563 | 21.106 | 356.882 | 764.153 | 825.559 | 0.409 | 561.380 |
| 1308.639 | 0.998 | 14.774 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 154.560 | 21.113 | 356.874 | 764.282 | 825.575 | 0.409 | 561.391 |
| 1308.418 | 0.998 | 14.769 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 154.580 | 21.114 | 356.921 | 764.384 | 825.670 | 0.409 | 561.456 |
| 1308.244 | 0.998 | 14.763 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 154.529 | 21.094 | 356.803 | 763.893 | 825.469 | 0.409 | 561.319 |
| 1309.084 | 0.998 | 14.765 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 154.580 | 21.099 | 356.920 | 763.977 | 825.476 | 0.409 | 561.324 |
| 1308.940 | 0.998 | 14.763 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 154.550 | 21.103 | 356.850 | 764.469 | 825.953 | 0.409 | 561.648 |
| 1308.097 | 0.998 | 14.759 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 154.590 | 21.110 | 356.944 | 764.432 | 825.788 | 0.409 | 561.536 |
| 1308.161 | 0.998 | 14.768 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 154.589 | 21.110 | 356.941 | 764.542 | 825.905 | 0.409 | 561.615 |
| 1307.973 | 0.998 | 14.769 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 154.583 | 21.114 | 356.927 | 764.499 | 825.798 | 0.409 | 561.543 |
| 1308.046 | 0.998 | 14.771 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 154.589 | 21.108 | 356.941 | 762.777 | 824.026 | 0.408 | 560.338 |
| 1310.998 | 0.998 | 14.767 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 154.587 | 21.109 | 356.938 | 763.393 | 824.674 | 0.409 | 560.779 |
| 1309.942 | 0.998 | 14.770 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 154.602 | 21.106 | 356.971 | 763.497 | 824.840 | 0.409 | 560.891 |
| 1309.763 | 0.998 | 14.767 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 154.597 | 21.112 | 356.961 | 763.747 | 825.014 | 0.409 | 561.010 |
| 1309.333 | 0.998 | 14.766 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 154.605 | 21.109 | 356.979 | 763.847 | 825.180 | 0.409 | 561.123 |
| 1309.162 | 0.998 | 14.773 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 154.605 | 21.117 | 356.978 | 764.081 | 825.287 | 0.409 | 561.195 |
| 1308.762 | 0.998 | 14.771 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 154.604 | 21.111 | 356.977 | 763.712 | 824.994 | 0.409 | 560.996 |
| 1309.394 | 0.998 | 14.774 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 154.617 | 21.105 | 357.006 | 763.655 | 825.025 | 0.409 | 561.017 |
| 1309.492 | 0.998 | 14.778 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 154.610 | 21.110 | 356.990 | 764.786 | 826.176 | 0.409 | 561.800 |
| 1307.555 | 0.998 | 14.774 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 154.584 | 21.100 | 356.929 | 764.837 | 826.394 | 0.410 | 561.948 |
| 1307.468 | 0.998 | 14.777 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 154.618 | 21.096 | 357.008 | 764.704 | 826.312 | 0.410 | 561.892 |
| 1307.695 | 0.998 | 14.780 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 154.620 | 21.102 | 357.012 | 764.700 | 826.208 | 0.409 | 561.821 |
| 1307.702 | 0.998 | 14.786 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/6/2017 9:00:00 AM | 126000.000 | 154.609 | 21.106 | 356.987 | 764.917 | 826.387 | 0.410 | 561.943 |
| 1307.332 | 0.998 | 14.783 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 154.620 | 21.106 | 357.013 | 764.839 | 826.289 | 0.409 | 561.877 |
| 1307.464 | 0.998 | 14.782 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 154.616 | 21.106 | 357.003 | 764.763 | 826.205 | 0.409 | 561.819 |
| 1307.595 | 0.998 | 14.784 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 154.616 | 21.092 | 357.002 | 764.361 | 826.018 | 0.409 | 561.692 |
| 1308.283 | 0.998 | 14.790 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 154.613 | 21.102 | 356.997 | 764.874 | 826.398 | 0.410 | 561.951 |
| 1307.405 | 0.998 | 14.785 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 154.618 | 21.109 | 357.008 | 764.955 | 826.368 | 0.410 | 561.930 |
| 1307.266 | 0.998 | 14.784 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 154.620 | 21.110 | 357.013 | 765.179 | 826.599 | 0.410 | 562.087 |
| 1306.885 | 0.998 | 14.780 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 154.621 | 21.102 | 357.016 | 764.833 | 826.351 | 0.410 | 561.919 |
| 1307.475 | 0.998 | 14.774 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 154.620 | 21.105 | 357.012 | 764.503 | 825.950 | 0.409 | 561.646 |
| 1308.040 | 0.998 | 14.778 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 154.569 | 21.109 | 356.895 | 764.773 | 826.176 | 0.409 | 561.800 |
| 1307.577 | 0.998 | 14.780 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 154.618 | 21.110 | 357.008 | 764.351 | 825.692 | 0.409 | 561.471 |
| 1308.299 | 0.998 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 154.625 | 21.115 | 357.024 | 764.359 | 825.624 | 0.409 | 561.425 |
| 1308.286 | 0.998 | 14.769 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 154.580 | 21.100 | 356.920 | 763.940 | 825.429 | 0.409 | 561.292 |
| 1309.004 | 0.998 | 14.767 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 154.610 | 21.104 | 356.990 | 763.549 | 824.942 | 0.409 | 560.960 |
| 1309.673 | 0.998 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 154.578 | 21.097 | 356.915 | 764.079 | 825.626 | 0.409 | 561.426 |
| 1308.764 | 0.998 | 14.762 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 154.605 | 21.111 | 356.979 | 764.612 | 825.958 | 0.409 | 561.651 |
| 1307.852 | 0.998 | 14.763 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 154.613 | 21.106 | 356.997 | 764.945 | 826.413 | 0.410 | 561.961 |
| 1307.284 | 0.998 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 154.609 | 21.112 | 356.988 | 765.291 | 826.688 | 0.410 | 562.148 |
| 1306.692 | 0.998 | 14.757 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 154.605 | 21.102 | 356.979 | 765.179 | 826.735 | 0.410 | 562.180 |
| 1306.884 | 0.998 | 14.750 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 154.604 | 21.101 | 356.975 | 765.052 | 826.613 | 0.410 | 562.097 |
| 1307.101 | 0.998 | 14.752 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 154.607 | 21.106 | 356.983 | 764.866 | 826.323 | 0.410 | 561.900 |
| 1307.418 | 0.998 | 14.744 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 154.609 | 21.108 | 356.987 | 765.049 | 826.489 | 0.410 | 562.013 |
| 1307.105 | 0.998 | 14.737 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 154.614 | 21.107 | 356.998 | 764.880 | 826.321 | 0.410 | 561.899 |
| 1307.394 | 0.998 | 14.732 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 154.598 | 21.110 | 356.963 | 764.368 | 825.710 | 0.409 | 561.483 |
| 1308.271 | 0.998 | 14.739 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 154.610 | 21.104 | 356.990 | 764.322 | 825.773 | 0.409 | 561.526 |
| 1308.349 | 0.998 | 14.736 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 154.605 | 21.105 | 356.978 | 764.523 | 825.973 | 0.409 | 561.662 |
| 1308.005 | 0.998 | 14.739 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 154.599 | 21.112 | 356.964 | 765.102 | 826.476 | 0.410 | 562.004 |
| 1307.016 | 0.998 | 14.744 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 154.600 | 21.108 | 356.967 | 764.999 | 826.432 | 0.410 | 561.974 |
| 1307.191 | 0.998 | 14.748 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 154.603 | 21.112 | 356.974 | 764.610 | 825.937 | 0.409 | 561.637 |
| 1307.856 | 0.998 | 14.745 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 154.574 | 21.092 | 356.907 | 764.153 | 825.787 | 0.409 | 561.535 |
| 1308.638 | 0.998 | 14.741 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 154.599 | 21.102 | 356.965 | 764.210 | 825.687 | 0.409 | 561.467 |
| 1308.541 | 0.998 | 14.744 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 154.600 | 21.104 | 356.968 | 764.766 | 826.244 | 0.409 | 561.846 |
| 1307.590 | 0.998 | 14.748 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 154.553 | 21.104 | 356.859 | 765.095 | 826.601 | 0.410 | 562.089 |
| 1307.028 | 0.998 | 14.749 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 154.609 | 21.107 | 356.986 | 765.220 | 826.696 | 0.410 | 562.153 |
| 1306.814 | 0.998 | 14.738 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 154.594 | 21.113 | 356.953 | 765.677 | 827.087 | 0.410 | 562.419 |
| 1306.033 | 0.998 | 14.749 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 154.609 | 21.113 | 356.987 | 765.195 | 826.558 | 0.410 | 562.059 |
| 1306.856 | 0.998 | 14.744 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 154.597 | 21.113 | 356.960 | 765.028 | 826.384 | 0.410 | 561.942 |
| 1307.141 | 0.998 | 14.742 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 154.595 | 21.105 | 356.955 | 764.615 | 826.077 | 0.409 | 561.732 |
| 1307.847 | 0.998 | 14.747 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 154.607 | 21.108 | 356.983 | 763.497 | 824.820 | 0.409 | 560.877 |
| 1309.763 | 0.998 | 14.748 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 154.602 | 21.106 | 356.972 | 763.538 | 824.885 | 0.409 | 560.922 |
| 1309.692 | 0.998 | 14.751 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 154.602 | 21.107 | 356.971 | 763.805 | 825.167 | 0.409 | 561.114 |
| 1309.235 | 0.998 | 14.749 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 154.561 | 21.094 | 356.876 | 764.193 | 825.797 | 0.409 | 561.542 |
| 1308.570 | 0.998 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 154.598 | 21.099 | 356.963 | 764.446 | 825.989 | 0.409 | 561.673 |
| 1308.137 | 0.998 | 14.755 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 154.605 | 21.105 | 356.979 | 765.915 | 827.468 | 0.410 | 562.678 |
| 1305.628 | 0.998 | 14.753 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 154.604 | 21.105 | 356.976 | 765.875 | 827.436 | 0.410 | 562.656 |
| 1305.697 | 0.998 | 14.756 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 154.610 | 21.107 | 356.989 | 766.274 | 827.824 | 0.410 | 562.921 |
| 1305.016 | 0.998 | 14.749 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 154.602 | 21.108 | 356.971 | 766.254 | 827.782 | 0.410 | 562.892 |
| 1305.050 | 0.998 | 14.754 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 154.600 | 21.108 | 356.966 | 765.824 | 827.333 | 0.410 | 562.586 |
| 1305.784 | 0.998 | 14.749 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 154.607 | 21.098 | 356.983 | 765.611 | 827.274 | 0.410 | 562.546 |
| 1306.146 | 0.998 | 14.744 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 154.598 | 21.110 | 356.961 | 766.040 | 827.527 | 0.410 | 562.718 |
| 1305.414 | 0.998 | 14.748 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 154.615 | 21.100 | 357.001 | 766.171 | 827.835 | 0.410 | 562.928 |
| 1305.192 | 0.998 | 14.743 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 154.603 | 21.106 | 356.973 | 765.829 | 827.369 | 0.410 | 562.611 |
| 1305.774 | 0.998 | 14.746 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 154.593 | 21.114 | 356.949 | 765.789 | 827.178 | 0.410 | 562.481 |
| 1305.843 | 0.998 | 14.744 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 154.602 | 21.115 | 356.972 | 765.677 | 827.039 | 0.410 | 562.387 |
| 1306.033 | 0.998 | 14.747 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 154.611 | 21.102 | 356.993 | 765.362 | 826.921 | 0.410 | 562.306 |
| 1306.572 | 0.998 | 14.755 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 154.566 | 21.095 | 356.888 | 764.479 | 826.093 | 0.409 | 561.743 |
| 1308.081 | 0.998 | 14.756 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 154.588 | 21.108 | 356.938 | 764.967 | 826.400 | 0.410 | 561.952 |
| 1307.246 | 0.998 | 14.763 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 154.604 | 21.104 | 356.976 | 765.282 | 826.805 | 0.410 | 562.227 |
| 1306.707 | 0.998 | 14.759 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 154.596 | 21.106 | 356.957 | 765.405 | 826.906 | 0.410 | 562.296 |
| 1306.498 | 0.998 | 14.755 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 154.558 | 21.106 | 356.869 | 765.589 | 827.111 | 0.410 | 562.435 |
| 1306.184 | 0.998 | 14.750 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 154.561 | 21.100 | 356.877 | 765.470 | 827.082 | 0.410 | 562.416 |
| 1306.387 | 0.998 | 14.753 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 154.606 | 21.111 | 356.982 | 766.190 | 827.665 | 0.410 | 562.812 |
| 1305.160 | 0.998 | 14.739 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 154.609 | 21.105 | 356.988 | 765.976 | 827.542 | 0.410 | 562.729 |
| 1305.524 | 0.998 | 14.736 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 154.610 | 21.109 | 356.989 | 765.873 | 827.361 | 0.410 | 562.606 |
| 1305.700 | 0.998 | 14.732 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 154.604 | 21.108 | 356.976 | 766.024 | 827.542 | 0.410 | 562.728 |
| 1305.443 | 0.998 | 14.725 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 154.609 | 21.110 | 356.988 | 765.979 | 827.451 | 0.410 | 562.667 |
| 1305.519 | 0.998 | 14.718 | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 154.613 | 21.098 | 356.997 | 765.588 | 827.240 | 0.410 | 562.523 |

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|---|---|---|---|---|---|---|---|---|
| 1306.185 | 0.998 | 14.716 | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 154.609 | 21.102 | 356.988 | 765.810 | 827.415 | 0.410 | 562.642 |
| 1305.807 | 0.998 | 14.717 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 154.622 | 21.108 | 357.017 | 765.904 | 827.414 | 0.410 | 562.641 |
| 1305.647 | 0.998 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 154.576 | 21.106 | 356.912 | 765.686 | 827.208 | 0.410 | 562.502 |
| 1306.018 | 0.998 | 14.715 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 154.615 | 21.111 | 357.002 | 766.059 | 827.528 | 0.410 | 562.719 |
| 1305.382 | 0.998 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 154.628 | 21.109 | 357.032 | 766.047 | 827.542 | 0.410 | 562.728 |
| 1305.402 | 0.998 | 14.713 | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 154.626 | 21.110 | 357.027 | 766.221 | 827.713 | 0.410 | 562.845 |
| 1305.107 | 0.998 | 14.709 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 154.616 | 21.114 | 357.004 | 766.018 | 827.434 | 0.410 | 562.655 |
| 1305.453 | 0.998 | 14.708 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 154.635 | 21.099 | 357.047 | 765.440 | 827.062 | 0.410 | 562.402 |
| 1306.438 | 0.998 | 14.700 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 154.635 | 21.103 | 357.047 | 765.608 | 827.175 | 0.410 | 562.479 |
| 1306.151 | 0.998 | 14.699 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 154.638 | 21.111 | 357.053 | 765.543 | 826.966 | 0.410 | 562.337 |
| 1306.262 | 0.998 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 154.643 | 21.104 | 357.066 | 765.268 | 826.790 | 0.410 | 562.217 |
| 1306.731 | 0.998 | 14.697 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 154.643 | 21.107 | 357.066 | 765.336 | 826.811 | 0.410 | 562.231 |
| 1306.616 | 0.998 | 14.694 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 154.644 | 21.114 | 357.067 | 765.543 | 826.925 | 0.410 | 562.309 |
| 1306.262 | 0.998 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 154.648 | 21.116 | 357.077 | 765.713 | 827.072 | 0.410 | 562.409 |
| 1305.972 | 0.998 | 14.692 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 154.657 | 21.113 | 357.098 | 765.284 | 826.654 | 0.410 | 562.125 |
| 1306.705 | 0.998 | 14.689 | | | | | | |
| 1/7/2017 5:30:00 AM | 199800.000 | 154.669 | 21.108 | 357.127 | 765.085 | 826.528 | 0.410 | 562.039 |
| 1307.044 | 0.998 | 14.697 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 154.657 | 21.109 | 357.098 | 765.581 | 827.040 | 0.410 | 562.387 |
| 1306.197 | 0.998 | 14.698 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 154.663 | 21.112 | 357.113 | 766.037 | 827.486 | 0.410 | 562.691 |
| 1305.420 | 0.998 | 14.700 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 154.675 | 21.108 | 357.139 | 766.022 | 827.537 | 0.410 | 562.725 |
| 1305.445 | 0.998 | 14.698 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 154.683 | 21.104 | 357.158 | 765.888 | 827.456 | 0.410 | 562.670 |
| 1305.674 | 0.998 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 154.689 | 21.104 | 357.172 | 765.567 | 827.108 | 0.410 | 562.433 |
| 1306.222 | 0.998 | 14.695 | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 154.681 | 21.109 | 357.155 | 765.398 | 826.848 | 0.410 | 562.256 |
| 1306.510 | 0.998 | 14.697 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 154.695 | 21.104 | 357.185 | 765.301 | 826.822 | 0.410 | 562.239 |
| 1306.676 | 0.998 | 14.699 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 154.698 | 21.103 | 357.193 | 765.131 | 826.661 | 0.410 | 562.129 |
| 1306.966 | 0.998 | 14.702 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 154.704 | 21.112 | 357.207 | 765.122 | 826.501 | 0.410 | 562.021 |
| 1306.980 | 0.998 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 154.698 | 21.111 | 357.192 | 765.737 | 827.179 | 0.410 | 562.482 |
| 1305.931 | 0.998 | 14.700 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 154.697 | 21.114 | 357.190 | 765.827 | 827.234 | 0.410 | 562.519 |
| 1305.778 | 0.998 | 14.714 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 154.705 | 21.110 | 357.209 | 765.352 | 826.781 | 0.410 | 562.211 |
| 1306.588 | 0.998 | 14.712 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 154.706 | 21.107 | 357.211 | 764.828 | 826.268 | 0.409 | 561.862 |
| 1307.484 | 0.998 | 14.716 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 154.668 | 21.098 | 357.124 | 765.062 | 826.670 | 0.410 | 562.136 |
| 1307.083 | 0.998 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 154.682 | 21.098 | 357.156 | 765.054 | 826.668 | 0.410 | 562.135 |
| 1307.098 | 0.998 | 14.718 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 154.674 | 21.094 | 357.138 | 765.527 | 827.247 | 0.410 | 562.528 |
| 1306.290 | 0.998 | 14.728 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 154.703 | 21.104 | 357.204 | 766.301 | 827.909 | 0.410 | 562.978 |
| 1304.970 | 0.998 | 14.726 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 154.703 | 21.111 | 357.204 | 766.620 | 828.128 | 0.410 | 563.127 |
| 1304.427 | 0.998 | 14.732 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 154.701 | 21.102 | 357.201 | 766.093 | 827.715 | 0.410 | 562.846 |
| 1305.325 | 0.998 | 14.742 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 154.710 | 21.106 | 357.220 | 766.295 | 827.865 | 0.410 | 562.948 |
| 1304.980 | 0.998 | 14.738 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 154.705 | 21.106 | 357.208 | 766.335 | 827.908 | 0.410 | 562.978 |
| 1304.912 | 0.998 | 14.732 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 154.705 | 21.103 | 357.209 | 766.448 | 828.077 | 0.410 | 563.092 |
| 1304.720 | 0.998 | 14.737 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 154.718 | 21.110 | 357.240 | 765.602 | 827.060 | 0.410 | 562.401 |
| 1306.161 | 0.998 | 14.730 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 154.702 | 21.116 | 357.203 | 765.504 | 826.844 | 0.410 | 562.254 |
| 1306.330 | 0.998 | 14.732 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 154.710 | 21.109 | 357.220 | 765.563 | 827.032 | 0.410 | 562.382 |
| 1306.229 | 0.998 | 14.727 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 154.668 | 21.108 | 357.124 | 765.638 | 827.128 | 0.410 | 562.447 |
| 1306.100 | 0.998 | 14.721 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 154.677 | 21.095 | 357.144 | 765.434 | 827.124 | 0.410 | 562.444 |
| 1306.448 | 0.998 | 14.720 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 154.697 | 21.107 | 357.191 | 765.477 | 826.963 | 0.410 | 562.335 |
| 1306.375 | 0.998 | 14.723 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 154.706 | 21.112 | 357.211 | 765.395 | 826.801 | 0.410 | 562.225 |
| 1306.515 | 0.998 | 14.716 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 154.666 | 21.108 | 357.119 | 765.313 | 826.773 | 0.410 | 562.206 |
| 1306.656 | 0.998 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 154.695 | 21.107 | 357.186 | 765.437 | 826.932 | 0.410 | 562.314 |
| 1306.443 | 0.998 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 154.701 | 21.101 | 357.201 | 765.350 | 826.928 | 0.410 | 562.311 |
| 1306.591 | 0.998 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 154.711 | 21.105 | 357.223 | 765.395 | 826.913 | 0.410 | 562.301 |
| 1306.516 | 0.998 | 14.714 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 154.684 | 21.109 | 357.162 | 765.032 | 826.459 | 0.410 | 561.992 |
| 1307.134 | 0.998 | 14.723 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 154.686 | 21.115 | 357.165 | 764.855 | 826.158 | 0.409 | 561.787 |
| 1307.437 | 0.998 | 14.721 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 154.699 | 21.114 | 357.194 | 764.368 | 825.651 | 0.409 | 561.443 |
| 1308.271 | 0.998 | 14.715 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 154.686 | 21.110 | 357.166 | 764.434 | 825.786 | 0.409 | 561.535 |
| 1308.157 | 0.998 | 14.724 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 154.694 | 21.115 | 357.185 | 764.619 | 825.907 | 0.409 | 561.617 |
| 1307.841 | 0.998 | 14.718 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 154.641 | 21.106 | 357.060 | 764.199 | 825.611 | 0.409 | 561.415 |
| 1308.560 | 0.998 | 14.732 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 154.643 | 21.104 | 357.066 | 763.692 | 825.088 | 0.409 | 561.060 |
| 1309.429 | 0.998 | 14.728 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 154.684 | 21.101 | 357.162 | 763.636 | 825.074 | 0.409 | 561.050 |
| 1309.525 | 0.998 | 14.731 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 154.673 | 21.110 | 357.134 | 763.785 | 825.097 | 0.409 | 561.066 |
| 1309.268 | 0.998 | 14.735 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 154.671 | 21.108 | 357.131 | 764.123 | 825.480 | 0.409 | 561.326 |
| 1308.690 | 0.998 | 14.736 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 154.677 | 21.105 | 357.144 | 764.286 | 825.711 | 0.409 | 561.483 |
| 1308.411 | 0.998 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 154.670 | 21.108 | 357.129 | 765.057 | 826.488 | 0.410 | 562.012 |
| 1307.093 | 0.998 | 14.738 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 154.681 | 21.106 | 357.154 | 765.117 | 826.590 | 0.410 | 562.081 |
| 1306.989 | 0.998 | 14.731 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 154.677 | 21.107 | 357.144 | 765.658 | 827.162 | 0.410 | 562.470 |
| 1306.066 | 0.998 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 154.675 | 21.107 | 357.141 | 765.544 | 827.040 | 0.410 | 562.387 |
| 1306.261 | 0.998 | 14.738 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 154.673 | 21.100 | 357.136 | 765.046 | 826.625 | 0.410 | 562.105 |
| 1307.112 | 0.998 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 154.658 | 21.105 | 357.102 | 765.142 | 826.640 | 0.410 | 562.115 |
| 1306.947 | 0.998 | 14.734 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/7/2017 6:15:00 PM | 245700.000 | 154.674 | 21.092 | 357.137 | 765.033 | 826.742 | 0.410 | 562.185 |
| 1307.132 | 0.998 | 14.728 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 154.663 | 21.098 | 357.112 | 765.485 | 827.134 | 0.410 | 562.451 |
| 1306.362 | 0.998 | 14.735 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 154.635 | 21.102 | 357.047 | 765.664 | 827.262 | 0.410 | 562.538 |
| 1306.056 | 0.998 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 154.670 | 21.101 | 357.128 | 765.650 | 827.251 | 0.410 | 562.531 |
| 1306.080 | 0.998 | 14.743 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 154.636 | 21.098 | 357.051 | 765.944 | 827.633 | 0.410 | 562.791 |
| 1305.579 | 0.998 | 14.741 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 154.671 | 21.101 | 357.131 | 767.078 | 828.804 | 0.411 | 563.586 |
| 1303.648 | 0.998 | 14.750 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 154.664 | 21.110 | 357.115 | 768.334 | 830.011 | 0.411 | 564.407 |
| 1301.518 | 0.998 | 14.753 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 154.672 | 21.116 | 357.133 | 767.266 | 828.754 | 0.411 | 563.553 |
| 1303.328 | 0.998 | 14.761 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 154.674 | 21.106 | 357.138 | 766.938 | 828.557 | 0.411 | 563.419 |
| 1303.886 | 0.998 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 154.681 | 21.109 | 357.153 | 766.826 | 828.392 | 0.411 | 563.307 |
| 1304.077 | 0.998 | 14.756 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 154.666 | 21.115 | 357.119 | 766.537 | 827.969 | 0.410 | 563.019 |
| 1304.569 | 0.998 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 154.679 | 21.105 | 357.149 | 766.082 | 827.660 | 0.410 | 562.809 |
| 1305.344 | 0.998 | 14.762 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 154.675 | 21.112 | 357.139 | 765.391 | 826.791 | 0.410 | 562.218 |
| 1306.521 | 0.998 | 14.764 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 154.684 | 21.112 | 357.160 | 765.647 | 827.063 | 0.410 | 562.403 |
| 1306.085 | 0.998 | 14.760 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 154.677 | 21.108 | 357.144 | 765.228 | 826.682 | 0.410 | 562.144 |
| 1306.801 | 0.998 | 14.754 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 154.675 | 21.105 | 357.140 | 765.327 | 826.837 | 0.410 | 562.249 |
| 1306.631 | 0.998 | 14.763 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 154.704 | 21.109 | 357.207 | 765.497 | 826.959 | 0.410 | 562.332 |
| 1306.342 | 0.998 | 14.748 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 154.685 | 21.096 | 357.164 | 765.873 | 827.589 | 0.410 | 562.760 |
| 1305.699 | 0.998 | 14.763 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 154.647 | 21.101 | 357.074 | 765.680 | 827.293 | 0.410 | 562.560 |
| 1306.028 | 0.998 | 14.759 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 154.676 | 21.107 | 357.142 | 766.259 | 827.817 | 0.410 | 562.916 |
| 1305.042 | 0.998 | 14.755 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 154.692 | 21.107 | 357.179 | 766.238 | 827.789 | 0.410 | 562.897 |
| 1305.078 | 0.998 | 14.753 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 154.689 | 21.107 | 357.172 | 765.007 | 826.462 | 0.410 | 561.994 |
| 1307.177 | 0.998 | 14.738 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 154.694 | 21.111 | 357.183 | 765.568 | 826.991 | 0.410 | 562.354 |
| 1306.221 | 0.998 | 14.746 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 154.660 | 21.101 | 357.105 | 764.591 | 826.115 | 0.409 | 561.758 |
| 1307.888 | 0.998 | 14.747 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 154.687 | 21.111 | 357.167 | 764.701 | 826.065 | 0.409 | 561.724 |
| 1307.700 | 0.998 | 14.753 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 154.701 | 21.109 | 357.201 | 765.283 | 826.727 | 0.410 | 562.174 |
| 1306.706 | 0.998 | 14.756 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 154.697 | 21.112 | 357.192 | 765.988 | 827.428 | 0.410 | 562.651 |
| 1305.504 | 0.998 | 14.744 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 154.707 | 21.109 | 357.215 | 766.710 | 828.266 | 0.411 | 563.221 |
| 1304.274 | 0.998 | 14.750 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 154.701 | 21.115 | 357.200 | 765.551 | 826.905 | 0.410 | 562.295 |
| 1306.248 | 0.998 | 14.751 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 154.719 | 21.120 | 357.240 | 765.837 | 827.128 | 0.410 | 562.447 |
| 1305.761 | 0.998 | 14.735 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 154.681 | 21.107 | 357.153 | 765.160 | 826.623 | 0.410 | 562.104 |
| 1306.917 | 0.998 | 14.743 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 154.720 | 21.106 | 357.243 | 765.319 | 826.812 | 0.410 | 562.232 |
| 1306.645 | 0.998 | 14.732 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 154.722 | 21.112 | 357.249 | 765.407 | 826.812 | 0.410 | 562.232 |
| 1306.495 | 0.998 | 14.733 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 154.685 | 21.115 | 357.164 | 765.310 | 826.653 | 0.410 | 562.124 |
| 1306.661 | 0.998 | 14.732 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 154.694 | 21.109 | 357.184 | 764.917 | 826.321 | 0.410 | 561.898 |
| 1307.332 | 0.998 | 14.718 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 154.732 | 21.109 | 357.272 | 764.920 | 826.337 | 0.410 | 561.909 |
| 1307.327 | 0.998 | 14.723 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 154.732 | 21.108 | 357.272 | 765.472 | 826.946 | 0.410 | 562.323 |
| 1306.384 | 0.998 | 14.713 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 154.730 | 21.111 | 357.266 | 765.974 | 827.442 | 0.410 | 562.661 |
| 1305.527 | 0.998 | 14.720 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 154.728 | 21.105 | 357.261 | 765.709 | 827.259 | 0.410 | 562.536 |
| 1305.978 | 0.998 | 14.709 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 154.723 | 21.108 | 357.252 | 765.820 | 827.313 | 0.410 | 562.573 |
| 1305.790 | 0.998 | 14.704 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 154.739 | 21.111 | 357.287 | 766.156 | 827.627 | 0.410 | 562.786 |
| 1305.216 | 0.998 | 14.686 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 154.752 | 21.106 | 357.317 | 765.976 | 827.516 | 0.410 | 562.711 |
| 1305.524 | 0.998 | 14.707 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 154.757 | 21.112 | 357.329 | 766.278 | 827.746 | 0.410 | 562.868 |
| 1305.010 | 0.998 | 14.704 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 154.749 | 21.102 | 357.310 | 765.754 | 827.346 | 0.410 | 562.596 |
| 1305.902 | 0.998 | 14.714 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 154.759 | 21.100 | 357.334 | 765.890 | 827.534 | 0.410 | 562.723 |
| 1305.670 | 0.998 | 14.693 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 154.767 | 21.107 | 357.353 | 766.689 | 828.280 | 0.411 | 563.230 |
| 1304.310 | 0.998 | 14.701 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 154.765 | 21.109 | 357.348 | 767.239 | 828.831 | 0.411 | 563.605 |
| 1303.375 | 0.998 | 14.696 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 154.756 | 21.112 | 357.327 | 767.591 | 829.173 | 0.411 | 563.838 |
| 1302.778 | 0.998 | 14.702 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 154.772 | 21.109 | 357.364 | 767.671 | 829.302 | 0.411 | 563.926 |
| 1302.641 | 0.998 | 14.699 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 154.771 | 21.104 | 357.362 | 767.113 | 828.791 | 0.411 | 563.578 |
| 1303.589 | 0.998 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 154.776 | 21.105 | 357.374 | 767.171 | 828.825 | 0.411 | 563.601 |
| 1303.490 | 0.998 | 14.708 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 154.777 | 21.106 | 357.375 | 767.256 | 828.912 | 0.411 | 563.660 |
| 1303.346 | 0.998 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 154.782 | 21.106 | 357.387 | 767.024 | 828.652 | 0.411 | 563.483 |
| 1303.740 | 0.998 | 14.705 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 154.793 | 21.107 | 357.413 | 767.002 | 828.621 | 0.411 | 563.462 |
| 1303.778 | 0.998 | 14.700 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 154.796 | 21.108 | 357.419 | 766.884 | 828.474 | 0.411 | 563.362 |
| 1303.979 | 0.998 | 14.702 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 154.802 | 21.111 | 357.432 | 766.872 | 828.405 | 0.411 | 563.316 |
| 1303.999 | 0.998 | 14.700 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 154.796 | 21.109 | 357.419 | 766.680 | 828.233 | 0.410 | 563.198 |
| 1304.325 | 0.998 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 154.793 | 21.098 | 357.413 | 766.087 | 827.782 | 0.410 | 562.891 |
| 1305.335 | 0.998 | 14.709 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 154.810 | 21.094 | 357.452 | 766.007 | 827.765 | 0.410 | 562.880 |
| 1305.471 | 0.998 | 14.711 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 154.805 | 21.105 | 357.439 | 766.467 | 828.072 | 0.410 | 563.089 |
| 1304.688 | 0.998 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 154.810 | 21.102 | 357.452 | 766.540 | 828.207 | 0.410 | 563.181 |
| 1304.564 | 0.998 | 14.719 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 154.809 | 21.106 | 357.450 | 767.062 | 828.689 | 0.411 | 563.509 |
| 1303.675 | 0.998 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 154.808 | 21.117 | 357.447 | 766.783 | 828.213 | 0.410 | 563.185 |
| 1304.150 | 0.998 | 14.727 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 154.811 | 21.108 | 357.453 | 766.332 | 827.869 | 0.410 | 562.951 |
| 1304.917 | 0.998 | 14.724 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 154.811 | 21.111 | 357.454 | 766.415 | 827.911 | 0.410 | 562.980 |
| 1304.776 | 0.998 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 154.819 | 21.108 | 357.473 | 765.764 | 827.261 | 0.410 | 562.537 |
| 1305.886 | 0.998 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 154.818 | 21.108 | 357.469 | 765.860 | 827.361 | 0.410 | 562.605 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1305.721 | 0.998 | 14.720 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 154.819 | 21.109 | 357.472 | 765.940 | 827.428 | 0.410 | 562.651 |
| 1305.585 | 0.998 | 14.724 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 154.821 | 21.108 | 357.477 | 765.896 | 827.400 | 0.410 | 562.632 |
| 1305.660 | 0.998 | 14.729 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 154.821 | 21.107 | 357.477 | 765.606 | 827.115 | 0.410 | 562.438 |
| 1306.154 | 0.998 | 14.715 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 154.820 | 21.110 | 357.474 | 765.961 | 827.438 | 0.410 | 562.658 |
| 1305.550 | 0.998 | 14.700 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 154.827 | 21.095 | 357.491 | 765.133 | 826.802 | 0.410 | 562.225 |
| 1306.962 | 0.998 | 14.709 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 154.814 | 21.102 | 357.461 | 765.309 | 826.872 | 0.410 | 562.273 |
| 1306.661 | 0.998 | 14.710 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 154.822 | 21.106 | 357.479 | 765.621 | 827.132 | 0.410 | 562.450 |
| 1306.129 | 0.998 | 14.701 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 154.819 | 21.111 | 357.473 | 765.942 | 827.407 | 0.410 | 562.637 |
| 1305.582 | 0.998 | 14.697 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 154.825 | 21.110 | 357.486 | 765.596 | 827.050 | 0.410 | 562.394 |
| 1306.172 | 0.998 | 14.701 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 154.786 | 21.097 | 357.396 | 765.411 | 827.059 | 0.410 | 562.400 |
| 1306.487 | 0.998 | 14.690 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 154.814 | 21.099 | 357.460 | 765.384 | 826.995 | 0.410 | 562.357 |
| 1306.534 | 0.998 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 154.807 | 21.103 | 357.445 | 765.892 | 827.477 | 0.410 | 562.685 |
| 1305.667 | 0.998 | 14.688 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 154.809 | 21.107 | 357.449 | 766.960 | 828.566 | 0.411 | 563.425 |
| 1303.850 | 0.998 | 14.683 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 154.820 | 21.114 | 357.474 | 766.991 | 828.479 | 0.411 | 563.366 |
| 1303.796 | 0.998 | 14.676 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 154.807 | 21.112 | 357.444 | 767.119 | 828.648 | 0.411 | 563.481 |
| 1303.579 | 0.998 | 14.685 | | | | | | |
| 1/8/2017 2:45:00 PM | 319500.000 | 154.805 | 21.115 | 357.439 | 766.971 | 828.441 | 0.411 | 563.340 |
| 1303.830 | 0.998 | 14.694 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 154.801 | 21.105 | 357.431 | 766.257 | 827.842 | 0.410 | 562.933 |
| 1305.045 | 0.998 | 14.684 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 154.790 | 21.119 | 357.404 | 766.412 | 827.770 | 0.410 | 562.883 |
| 1304.782 | 0.998 | 14.686 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 154.796 | 21.104 | 357.419 | 765.992 | 827.583 | 0.410 | 562.756 |
| 1305.496 | 0.998 | 14.683 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 154.784 | 21.106 | 357.391 | 765.687 | 827.216 | 0.410 | 562.507 |
| 1306.016 | 0.998 | 14.689 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 154.787 | 21.113 | 357.398 | 765.620 | 827.027 | 0.410 | 562.378 |
| 1306.131 | 0.998 | 14.691 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 154.777 | 21.107 | 357.375 | 765.618 | 827.123 | 0.410 | 562.444 |
| 1306.134 | 0.998 | 14.695 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 154.787 | 21.111 | 357.398 | 766.229 | 827.716 | 0.410 | 562.847 |
| 1305.093 | 0.998 | 14.686 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 154.789 | 21.105 | 357.402 | 766.223 | 827.806 | 0.410 | 562.908 |
| 1305.104 | 0.998 | 14.684 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 154.776 | 21.110 | 357.373 | 766.137 | 827.636 | 0.410 | 562.793 |
| 1305.249 | 0.998 | 14.687 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 154.780 | 21.111 | 357.382 | 766.160 | 827.645 | 0.410 | 562.799 |
| 1305.210 | 0.998 | 14.689 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 154.760 | 21.112 | 357.336 | 766.190 | 827.657 | 0.410 | 562.807 |
| 1305.159 | 0.998 | 14.693 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 154.777 | 21.112 | 357.376 | 766.282 | 827.743 | 0.410 | 562.865 |
| 1305.003 | 0.998 | 14.686 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 154.770 | 21.116 | 357.359 | 766.204 | 827.593 | 0.410 | 562.763 |
| 1305.135 | 0.998 | 14.689 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 154.774 | 21.109 | 357.369 | 765.017 | 826.437 | 0.410 | 561.977 |
| 1307.160 | 0.998 | 14.687 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 154.773 | 21.110 | 357.365 | 765.522 | 826.966 | 0.410 | 562.337 |
| 1306.298 | 0.998 | 14.696 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 154.766 | 21.109 | 357.349 | 765.375 | 826.825 | 0.410 | 562.241 |
| 1306.549 | 0.998 | 14.703 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 154.757 | 21.110 | 357.329 | 765.290 | 826.709 | 0.410 | 562.162 |
| 1306.694 | 0.998 | 14.704 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 154.763 | 21.107 | 357.344 | 765.305 | 826.776 | 0.410 | 562.208 |
| 1306.668 | 0.998 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 154.778 | 21.107 | 357.378 | 765.325 | 826.811 | 0.410 | 562.231 |
| 1306.635 | 0.998 | 14.704 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 154.759 | 21.103 | 357.335 | 766.034 | 827.639 | 0.410 | 562.795 |
| 1305.426 | 0.998 | 14.711 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 154.743 | 21.107 | 357.296 | 767.134 | 828.761 | 0.411 | 563.558 |
| 1303.553 | 0.998 | 14.702 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 154.777 | 21.099 | 357.375 | 768.371 | 830.227 | 0.412 | 564.555 |
| 1301.455 | 0.998 | 14.705 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 154.768 | 21.106 | 357.355 | 768.853 | 830.636 | 0.412 | 564.832 |
| 1300.639 | 0.998 | 14.703 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 154.773 | 21.110 | 357.367 | 768.399 | 830.068 | 0.411 | 564.446 |
| 1301.407 | 0.998 | 14.706 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 154.772 | 21.101 | 357.365 | 768.128 | 829.929 | 0.411 | 564.351 |
| 1301.867 | 0.998 | 14.710 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 154.773 | 21.104 | 357.365 | 767.817 | 829.548 | 0.411 | 564.093 |
| 1302.393 | 0.998 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 154.771 | 21.098 | 357.361 | 767.887 | 829.727 | 0.411 | 564.214 |
| 1302.275 | 0.998 | 14.714 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 154.762 | 21.115 | 357.340 | 768.189 | 829.764 | 0.411 | 564.240 |
| 1301.764 | 0.998 | 14.718 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 154.770 | 21.110 | 357.359 | 767.870 | 829.505 | 0.411 | 564.063 |
| 1302.305 | 0.998 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 154.766 | 21.105 | 357.351 | 767.906 | 829.623 | 0.411 | 564.144 |
| 1302.243 | 0.998 | 14.717 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 154.735 | 21.111 | 357.279 | 768.383 | 830.034 | 0.411 | 564.423 |
| 1301.435 | 0.998 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 154.776 | 21.108 | 357.374 | 768.240 | 829.932 | 0.411 | 564.354 |
| 1301.677 | 0.998 | 14.716 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 154.782 | 21.100 | 357.386 | 767.592 | 829.365 | 0.411 | 563.968 |
| 1302.775 | 0.998 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 154.780 | 21.100 | 357.382 | 767.597 | 829.385 | 0.411 | 563.982 |
| 1302.767 | 0.998 | 14.719 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 154.767 | 21.099 | 357.352 | 767.964 | 829.793 | 0.411 | 564.259 |
| 1302.144 | 0.998 | 14.725 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 154.745 | 21.103 | 357.301 | 769.031 | 830.872 | 0.412 | 564.993 |
| 1300.337 | 0.998 | 14.728 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 154.729 | 21.109 | 357.265 | 769.993 | 831.806 | 0.412 | 565.628 |
| 1298.713 | 0.998 | 14.733 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 154.788 | 21.108 | 357.401 | 770.313 | 832.173 | 0.413 | 565.878 |
| 1298.173 | 0.998 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 154.774 | 21.114 | 357.369 | 769.626 | 831.333 | 0.412 | 565.306 |
| 1299.333 | 0.998 | 14.727 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 154.782 | 21.113 | 357.387 | 769.552 | 831.267 | 0.412 | 565.261 |
| 1299.457 | 0.998 | 14.720 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 154.791 | 21.102 | 357.407 | 769.337 | 831.216 | 0.412 | 565.227 |
| 1299.820 | 0.998 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 154.756 | 21.094 | 357.326 | 769.120 | 831.121 | 0.412 | 565.162 |
| 1300.187 | 0.998 | 14.721 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 154.791 | 21.095 | 357.408 | 769.239 | 831.236 | 0.412 | 565.241 |
| 1299.986 | 0.998 | 14.722 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 154.802 | 21.098 | 357.434 | 768.800 | 830.703 | 0.412 | 564.878 |
| 1300.728 | 0.998 | 14.710 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 154.793 | 21.098 | 357.412 | 769.263 | 831.206 | 0.412 | 565.220 |
| 1299.946 | 0.998 | 14.722 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 154.759 | 21.099 | 357.333 | 769.120 | 831.036 | 0.412 | 565.104 |
| 1300.187 | 0.998 | 14.723 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 154.753 | 21.095 | 357.321 | 768.965 | 830.940 | 0.412 | 565.039 |
| 1300.450 | 0.998 | 14.736 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 154.758 | 21.092 | 357.332 | 769.104 | 831.136 | 0.412 | 565.173 |
| 1300.214 | 0.998 | 14.740 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 154.804 | 21.101 | 357.437 | 768.824 | 830.687 | 0.412 | 564.867 |
| 1300.688 | 0.998 | 14.739 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 154.790 | 21.104 | 357.405 | 769.131 | 830.966 | 0.412 | 565.057 |
| 1300.169 | 0.998 | 14.746 | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|
| 1/9/2017 3:30:00 AM | 365400.000 | 154.797 | 21.114 | 357.422 | 769.575 | 831.272 | 0.412 | 565.265 | 1299.418 |
| 0.998 | 14.738 | | | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 154.797 | 21.114 | 357.422 | 769.805 | 831.518 | 0.412 | 565.432 | 1299.029 |
| 0.998 | 14.739 | | | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 154.800 | 21.115 | 357.429 | 769.520 | 831.193 | 0.412 | 565.211 | 1299.511 |
| 0.998 | 14.737 | | | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 154.798 | 21.107 | 357.424 | 768.634 | 830.378 | 0.412 | 564.657 | 1301.010 |
| 0.998 | 14.738 | | | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 154.808 | 21.112 | 357.446 | 768.591 | 830.254 | 0.412 | 564.573 | 1301.082 |
| 0.998 | 14.748 | | | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 154.809 | 21.098 | 357.449 | 767.777 | 829.612 | 0.411 | 564.136 | 1302.462 |
| 0.998 | 14.751 | | | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 154.812 | 21.107 | 357.456 | 767.650 | 829.312 | 0.411 | 563.932 | 1302.677 |
| 0.998 | 14.741 | | | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 154.826 | 21.110 | 357.487 | 767.623 | 829.236 | 0.411 | 563.880 | 1302.722 |
| 0.998 | 14.738 | | | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 154.814 | 21.102 | 357.460 | 767.713 | 829.476 | 0.411 | 564.044 | 1302.570 |
| 0.998 | 14.750 | | | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 154.825 | 21.103 | 357.486 | 767.766 | 829.508 | 0.411 | 564.065 | 1302.480 |
| 0.998 | 14.746 | | | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 154.816 | 21.106 | 357.465 | 768.080 | 829.794 | 0.411 | 564.260 | 1301.948 |
| 0.998 | 14.741 | | | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 154.821 | 21.115 | 357.477 | 768.544 | 830.138 | 0.411 | 564.494 | 1301.162 |
| 0.998 | 14.750 | | | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 154.831 | 21.114 | 357.501 | 768.448 | 830.062 | 0.411 | 564.442 | 1301.324 |
| 0.998 | 14.754 | | | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 154.788 | 21.108 | 357.401 | 768.087 | 829.766 | 0.411 | 564.241 | 1301.936 |
| 0.998 | 14.749 | | | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 154.840 | 21.114 | 357.521 | 768.167 | 829.750 | 0.411 | 564.230 | 1301.800 |
| 0.998 | 14.754 | | | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 154.835 | 21.119 | 357.508 | 768.115 | 829.605 | 0.411 | 564.131 | 1301.889 |
| 0.998 | 14.761 | | | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 154.846 | 21.114 | 357.534 | 767.382 | 828.900 | 0.411 | 563.652 | 1303.132 |
| 0.998 | 14.760 | | | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 154.850 | 21.111 | 357.544 | 765.934 | 827.385 | 0.410 | 562.622 | 1305.595 |
| 0.998 | 14.766 | | | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 154.840 | 21.109 | 357.520 | 765.729 | 827.201 | 0.410 | 562.497 | 1305.945 |
| 0.998 | 14.766 | | | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 154.864 | 21.113 | 357.577 | 766.474 | 827.944 | 0.410 | 563.002 | 1304.676 |
| 0.998 | 14.765 | | | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 154.856 | 21.102 | 357.557 | 765.899 | 827.516 | 0.410 | 562.711 | 1305.655 |
| 0.998 | 14.769 | | | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 154.865 | 21.097 | 357.579 | 765.368 | 827.021 | 0.410 | 562.375 | 1306.561 |
| 0.998 | 14.775 | | | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 154.863 | 21.106 | 357.574 | 766.672 | 828.272 | 0.411 | 563.225 | 1304.339 |
| 0.998 | 14.771 | | | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 154.870 | 21.104 | 357.591 | 768.039 | 829.786 | 0.411 | 564.254 | 1302.018 |
| 0.998 | 14.779 | | | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 154.826 | 21.107 | 357.490 | 767.653 | 829.318 | 0.411 | 563.936 | 1302.672 |
| 0.998 | 14.786 | | | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 154.878 | 21.101 | 357.608 | 767.547 | 829.309 | 0.411 | 563.930 | 1302.851 |
| 0.998 | 14.787 | | | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 154.871 | 21.102 | 357.592 | 767.825 | 829.587 | 0.411 | 564.119 | 1302.380 |
| 0.998 | 14.790 | | | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 154.863 | 21.107 | 357.573 | 767.696 | 829.360 | 0.411 | 563.965 | 1302.599 |
| 0.998 | 14.796 | | | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 154.874 | 21.112 | 357.600 | 767.591 | 829.157 | 0.411 | 563.827 | 1302.777 |
| 0.998 | 14.796 | | | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 154.871 | 21.114 | 357.592 | 767.397 | 828.930 | 0.411 | 563.672 | 1303.106 |
| 0.998 | 14.803 | | | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 154.868 | 21.105 | 357.586 | 766.609 | 828.230 | 0.410 | 563.196 | 1304.446 |
| 0.998 | 14.799 | | | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 154.868 | 21.110 | 357.585 | 766.961 | 828.522 | 0.411 | 563.395 | 1303.847 |
| 0.998 | 14.804 | | | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 154.878 | 21.098 | 357.607 | 766.824 | 828.580 | 0.411 | 563.435 | 1304.079 |
| 0.998 | 14.794 | | | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 154.876 | 21.110 | 357.603 | 766.974 | 828.525 | 0.411 | 563.397 | 1303.825 |
| 0.998 | 14.784 | | | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 154.870 | 21.107 | 357.589 | 766.983 | 828.589 | 0.411 | 563.441 | 1303.809 |
| 0.998 | 14.781 | | | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 154.886 | 21.104 | 357.626 | 766.631 | 828.264 | 0.411 | 563.219 | 1304.408 |
| 0.998 | 14.773 | | | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 154.871 | 21.103 | 357.593 | 766.734 | 828.403 | 0.411 | 563.314 | 1304.232 |
| 0.998 | 14.777 | | | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 154.855 | 21.105 | 357.555 | 767.134 | 828.783 | 0.411 | 563.573 | 1303.554 |
| 0.998 | 14.782 | | | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 154.882 | 21.113 | 357.617 | 767.586 | 829.139 | 0.411 | 563.815 | 1302.786 |
| 0.998 | 14.772 | | | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 154.868 | 21.102 | 357.587 | 767.176 | 828.893 | 0.411 | 563.647 | 1303.482 |
| 0.998 | 14.768 | | | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 154.869 | 21.101 | 357.587 | 767.117 | 828.845 | 0.411 | 563.615 | 1303.583 |
| 0.998 | 14.768 | | | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 154.870 | 21.108 | 357.589 | 766.362 | 827.903 | 0.410 | 562.974 | 1304.866 |
| 0.998 | 14.773 | | | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 154.818 | 21.106 | 357.470 | 766.004 | 827.546 | 0.410 | 562.731 | 1305.476 |
| 0.998 | 14.785 | | | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 154.848 | 21.111 | 357.540 | 766.283 | 827.767 | 0.410 | 562.881 | 1305.001 |
| 0.998 | 14.780 | | | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 154.842 | 21.106 | 357.525 | 766.077 | 827.630 | 0.410 | 562.788 | 1305.351 |
| 0.998 | 14.780 | | | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 154.849 | 21.101 | 357.542 | 766.179 | 827.820 | 0.410 | 562.918 | 1305.179 |
| 0.998 | 14.779 | | | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 154.832 | 21.114 | 357.502 | 766.798 | 828.268 | 0.411 | 563.222 | 1304.124 |
| 0.998 | 14.779 | | | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 154.805 | 21.110 | 357.441 | 766.720 | 828.257 | 0.411 | 563.215 | 1304.257 |
| 0.998 | 14.776 | | | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 154.828 | 21.115 | 357.494 | 766.508 | 827.947 | 0.410 | 563.004 | 1304.617 |
| 0.998 | 14.779 | | | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 154.836 | 21.112 | 357.511 | 766.099 | 827.556 | 0.410 | 562.738 | 1305.314 |
| 0.998 | 14.776 | | | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 154.823 | 21.098 | 357.482 | 766.057 | 827.746 | 0.410 | 562.867 | 1305.386 |
| 0.998 | 14.778 | | | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 154.830 | 21.095 | 357.498 | 766.748 | 828.546 | 0.411 | 563.411 | 1304.210 |
| 0.998 | 14.782 | | | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 154.775 | 21.104 | 357.371 | 766.932 | 828.592 | 0.411 | 563.442 | 1303.896 |
| 0.998 | 14.775 | | | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 154.808 | 21.099 | 357.447 | 767.054 | 828.809 | 0.411 | 563.590 | 1303.690 |
| 0.998 | 14.779 | | | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 154.814 | 21.101 | 357.460 | 767.873 | 829.652 | 0.411 | 564.163 | 1302.299 |
| 0.998 | 14.776 | | | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 154.809 | 21.100 | 357.449 | 768.311 | 830.143 | 0.411 | 564.498 | 1301.556 |
| 0.998 | 14.773 | | | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 154.796 | 21.115 | 357.420 | 768.854 | 830.475 | 0.412 | 564.723 | 1300.637 |
| 0.998 | 14.770 | | | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 154.818 | 21.110 | 357.470 | 769.105 | 830.841 | 0.412 | 564.972 | 1300.212 |
| 0.998 | 14.765 | | | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 154.797 | 21.102 | 357.422 | 768.345 | 830.159 | 0.411 | 564.508 | 1301.498 |
| 0.998 | 14.769 | | | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 154.788 | 21.105 | 357.400 | 768.089 | 829.821 | 0.411 | 564.279 | 1301.932 |
| 0.998 | 14.773 | | | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 154.794 | 21.104 | 357.413 | 767.911 | 829.651 | 0.411 | 564.163 | 1302.234 |
| 0.998 | 14.777 | | | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 154.794 | 21.105 | 357.414 | 768.249 | 830.003 | 0.411 | 564.402 | 1301.661 |
| 0.998 | 14.777 | | | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 154.792 | 21.105 | 357.410 | 767.954 | 829.684 | 0.411 | 564.185 | 1302.161 |
| 0.998 | 14.774 | | | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 154.777 | 21.109 | 357.374 | 768.276 | 829.959 | 0.411 | 564.372 | 1301.615 |
| 0.998 | 14.779 | | | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 154.785 | 21.106 | 357.393 | 769.015 | 830.808 | 0.412 | 564.949 | 1300.365 |
| 0.998 | 14.778 | | | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 154.784 | 21.106 | 357.392 | 769.382 | 831.205 | 0.412 | 565.219 | 1299.744 |
| 0.998 | 14.775 | | | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 154.791 | 21.095 | 357.407 | 769.799 | 831.849 | 0.412 | 565.657 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1299.040 | 0.998 | 14.777 | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 154.788 | 21.092 | 357.400 | 769.756 | 831.846 | 0.412 | 565.655 |
| 1299.113 | 0.998 | 14.786 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 154.786 | 21.101 | 357.395 | 769.923 | 831.882 | 0.412 | 565.680 |
| 1298.830 | 0.998 | 14.782 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 154.786 | 21.110 | 357.397 | 770.373 | 832.213 | 0.413 | 565.905 |
| 1298.073 | 0.998 | 14.774 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 154.772 | 21.107 | 357.365 | 770.581 | 832.481 | 0.413 | 566.087 |
| 1297.723 | 0.998 | 14.783 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 154.786 | 21.095 | 357.396 | 770.121 | 832.189 | 0.413 | 565.889 |
| 1298.497 | 0.998 | 14.780 | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 154.761 | 21.098 | 357.339 | 769.964 | 831.970 | 0.412 | 565.740 |
| 1298.762 | 0.998 | 14.771 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 154.787 | 21.103 | 357.399 | 769.972 | 831.896 | 0.412 | 565.689 |
| 1298.748 | 0.998 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 154.786 | 21.107 | 357.395 | 770.039 | 831.896 | 0.412 | 565.690 |
| 1298.635 | 0.998 | 14.775 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 154.787 | 21.111 | 357.399 | 769.680 | 831.435 | 0.412 | 565.376 |
| 1299.241 | 0.998 | 14.779 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 154.783 | 21.094 | 357.389 | 768.980 | 830.971 | 0.412 | 565.060 |
| 1300.424 | 0.998 | 14.785 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 154.786 | 21.109 | 357.396 | 768.925 | 830.661 | 0.412 | 564.849 |
| 1300.517 | 0.998 | 14.780 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 154.794 | 21.104 | 357.415 | 769.023 | 830.855 | 0.412 | 564.981 |
| 1300.352 | 0.998 | 14.776 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 154.790 | 21.101 | 357.406 | 768.959 | 830.824 | 0.412 | 564.960 |
| 1300.459 | 0.998 | 14.783 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 154.803 | 21.100 | 357.435 | 768.749 | 830.622 | 0.412 | 564.823 |
| 1300.815 | 0.998 | 14.772 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 154.795 | 21.105 | 357.416 | 768.892 | 830.686 | 0.412 | 564.866 |
| 1300.572 | 0.998 | 14.769 | | | | | | |
| 1/10/2017 12:00:00 AM | 439200.000 | 154.797 | 21.111 | 357.423 | 768.786 | 830.469 | 0.412 | 564.719 |
| 1300.752 | 0.998 | 14.772 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 154.794 | 21.105 | 357.415 | 768.502 | 830.268 | 0.412 | 564.582 |
| 1301.232 | 0.998 | 14.777 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 154.795 | 21.110 | 357.418 | 769.988 | 831.796 | 0.412 | 565.622 |
| 1298.721 | 0.998 | 14.776 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 154.809 | 21.106 | 357.449 | 770.424 | 832.326 | 0.413 | 565.982 |
| 1297.986 | 0.998 | 14.769 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 154.807 | 21.103 | 357.445 | 770.939 | 832.930 | 0.413 | 566.392 |
| 1297.120 | 0.998 | 14.766 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 154.806 | 21.101 | 357.441 | 770.843 | 832.868 | 0.413 | 566.351 |
| 1297.281 | 0.998 | 14.770 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 154.776 | 21.111 | 357.373 | 770.767 | 832.608 | 0.413 | 566.173 |
| 1297.409 | 0.998 | 14.767 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 154.804 | 21.111 | 357.438 | 770.630 | 832.461 | 0.413 | 566.074 |
| 1297.639 | 0.998 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 154.817 | 21.104 | 357.467 | 769.994 | 831.898 | 0.412 | 565.691 |
| 1298.711 | 0.998 | 14.771 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 154.812 | 21.109 | 357.457 | 768.722 | 830.442 | 0.412 | 564.701 |
| 1300.860 | 0.998 | 14.766 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 154.810 | 21.104 | 357.452 | 768.709 | 830.505 | 0.412 | 564.744 |
| 1300.883 | 0.998 | 14.769 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 154.810 | 21.104 | 357.453 | 768.492 | 830.280 | 0.412 | 564.590 |
| 1301.250 | 0.998 | 14.770 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 154.792 | 21.099 | 357.411 | 768.816 | 830.712 | 0.412 | 564.884 |
| 1300.701 | 0.998 | 14.762 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 154.779 | 21.098 | 357.380 | 768.947 | 830.877 | 0.412 | 564.996 |
| 1300.480 | 0.998 | 14.759 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 154.833 | 21.101 | 357.506 | 770.350 | 832.331 | 0.413 | 565.985 |
| 1298.111 | 0.998 | 14.754 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 154.828 | 21.112 | 357.493 | 770.719 | 832.536 | 0.413 | 566.124 |
| 1297.490 | 0.998 | 14.757 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 154.786 | 21.107 | 357.397 | 770.968 | 832.895 | 0.413 | 566.369 |
| 1297.071 | 0.998 | 14.761 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 154.831 | 21.111 | 357.500 | 770.683 | 832.528 | 0.413 | 566.119 |
| 1297.551 | 0.998 | 14.753 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 154.826 | 21.112 | 357.489 | 770.679 | 832.503 | 0.413 | 566.102 |
| 1297.557 | 0.998 | 14.749 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 154.838 | 21.105 | 357.516 | 770.359 | 832.273 | 0.413 | 565.946 |
| 1298.096 | 0.998 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 154.832 | 21.114 | 357.503 | 769.758 | 831.478 | 0.412 | 565.405 |
| 1299.109 | 0.998 | 14.744 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 154.846 | 21.102 | 357.536 | 769.527 | 831.426 | 0.412 | 565.370 |
| 1299.500 | 0.998 | 14.733 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 154.844 | 21.115 | 357.531 | 769.142 | 830.793 | 0.412 | 564.940 |
| 1300.150 | 0.998 | 14.741 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 154.850 | 21.107 | 357.544 | 768.742 | 830.501 | 0.412 | 564.741 |
| 1300.826 | 0.998 | 14.735 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 154.847 | 21.106 | 357.536 | 769.719 | 831.574 | 0.412 | 565.470 |
| 1299.176 | 0.998 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 154.848 | 21.104 | 357.538 | 770.901 | 832.884 | 0.413 | 566.361 |
| 1297.184 | 0.998 | 14.740 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 154.867 | 21.108 | 357.583 | 770.751 | 832.652 | 0.413 | 566.203 |
| 1297.436 | 0.998 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 154.864 | 21.111 | 357.576 | 770.471 | 832.298 | 0.413 | 565.963 |
| 1297.908 | 0.998 | 14.734 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 154.864 | 21.102 | 357.576 | 770.691 | 832.687 | 0.413 | 566.227 |
| 1297.536 | 0.998 | 14.742 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 154.866 | 21.106 | 357.581 | 770.936 | 832.889 | 0.413 | 566.365 |
| 1297.125 | 0.998 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 154.869 | 21.115 | 357.587 | 770.835 | 832.618 | 0.413 | 566.180 |
| 1297.295 | 0.998 | 14.740 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 154.849 | 21.099 | 357.541 | 770.796 | 832.853 | 0.413 | 566.340 |
| 1297.359 | 0.998 | 14.737 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 154.888 | 21.092 | 357.632 | 769.888 | 831.982 | 0.412 | 565.748 |
| 1298.890 | 0.998 | 14.739 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 154.888 | 21.097 | 357.631 | 770.311 | 832.362 | 0.413 | 566.006 |
| 1298.176 | 0.998 | 14.737 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 154.894 | 21.095 | 357.645 | 770.540 | 832.641 | 0.413 | 566.196 |
| 1297.791 | 0.998 | 14.739 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 154.884 | 21.101 | 357.623 | 770.610 | 832.620 | 0.413 | 566.181 |
| 1297.673 | 0.998 | 14.743 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 154.909 | 21.107 | 357.680 | 770.401 | 832.284 | 0.413 | 565.953 |
| 1298.025 | 0.998 | 14.740 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 154.911 | 21.096 | 357.686 | 770.456 | 832.529 | 0.413 | 566.120 |
| 1297.932 | 0.998 | 14.747 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 154.905 | 21.099 | 357.670 | 770.589 | 832.630 | 0.413 | 566.189 |
| 1297.708 | 0.998 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 154.912 | 21.101 | 357.686 | 770.770 | 832.797 | 0.413 | 566.302 |
| 1297.404 | 0.998 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 154.909 | 21.113 | 357.680 | 771.129 | 832.968 | 0.413 | 566.418 |
| 1296.801 | 0.998 | 14.750 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 154.914 | 21.111 | 357.691 | 771.236 | 833.120 | 0.413 | 566.522 |
| 1296.620 | 0.998 | 14.746 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 154.912 | 21.107 | 357.688 | 771.358 | 833.317 | 0.413 | 566.656 |
| 1296.414 | 0.998 | 14.743 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 154.926 | 21.106 | 357.719 | 770.783 | 832.714 | 0.413 | 566.246 |
| 1297.383 | 0.998 | 14.740 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 154.935 | 21.113 | 357.739 | 770.148 | 831.905 | 0.412 | 565.695 |
| 1298.451 | 0.998 | 14.733 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 154.927 | 21.109 | 357.721 | 770.131 | 831.956 | 0.412 | 565.730 |
| 1298.480 | 0.998 | 14.730 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 154.925 | 21.105 | 357.717 | 769.565 | 831.409 | 0.412 | 565.358 |
| 1299.436 | 0.998 | 14.729 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 154.936 | 21.108 | 357.742 | 768.297 | 830.005 | 0.411 | 564.404 |
| 1301.580 | 0.998 | 14.730 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 154.937 | 21.095 | 357.745 | 768.160 | 830.070 | 0.411 | 564.448 |
| 1301.812 | 0.998 | 14.717 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 154.930 | 21.105 | 357.728 | 768.193 | 829.927 | 0.411 | 564.351 |
| 1301.756 | 0.998 | 14.716 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 154.939 | 21.110 | 357.750 | 768.768 | 830.480 | 0.412 | 564.726 |
| 1300.782 | 0.998 | 14.707 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/10/2017 12:45:00 PM | 485100.000 | 154.949 | 21.113 | 357.773 | 769.712 | 831.439 | 0.412 | 565.378 |
| 1299.188 | 0.998 | 14.700 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 154.926 | 21.116 | 357.719 | 769.571 | 831.230 | 0.412 | 565.236 |
| 1299.425 | 0.998 | 14.708 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 154.950 | 21.112 | 357.775 | 769.292 | 831.011 | 0.412 | 565.088 |
| 1299.896 | 0.998 | 14.696 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 154.936 | 21.102 | 357.742 | 768.899 | 830.750 | 0.412 | 564.910 |
| 1300.561 | 0.998 | 14.698 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 154.931 | 21.104 | 357.732 | 769.101 | 830.930 | 0.412 | 565.033 |
| 1300.220 | 0.998 | 14.694 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 154.923 | 21.111 | 357.712 | 769.439 | 831.177 | 0.412 | 565.201 |
| 1299.648 | 0.998 | 14.689 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 154.935 | 21.106 | 357.740 | 769.364 | 831.189 | 0.412 | 565.209 |
| 1299.775 | 0.998 | 14.677 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 154.924 | 21.110 | 357.715 | 770.210 | 832.022 | 0.412 | 565.775 |
| 1298.348 | 0.998 | 14.688 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 154.909 | 21.112 | 357.680 | 770.212 | 831.999 | 0.412 | 565.759 |
| 1298.344 | 0.998 | 14.683 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 154.916 | 21.106 | 357.696 | 770.369 | 832.271 | 0.413 | 565.944 |
| 1298.079 | 0.998 | 14.681 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 154.913 | 21.110 | 357.689 | 769.260 | 831.007 | 0.412 | 565.085 |
| 1299.950 | 0.998 | 14.679 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 154.921 | 21.103 | 357.707 | 769.885 | 831.797 | 0.412 | 565.622 |
| 1298.896 | 0.998 | 14.671 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 154.920 | 21.109 | 357.705 | 769.081 | 830.829 | 0.412 | 564.964 |
| 1300.254 | 0.998 | 14.666 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 154.914 | 21.109 | 357.692 | 769.250 | 831.004 | 0.412 | 565.082 |
| 1299.967 | 0.998 | 14.664 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 154.910 | 21.101 | 357.682 | 769.425 | 831.344 | 0.412 | 565.314 |
| 1299.672 | 0.998 | 14.663 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 154.899 | 21.107 | 357.657 | 769.115 | 830.900 | 0.412 | 565.012 |
| 1300.195 | 0.998 | 14.666 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 154.899 | 21.106 | 357.656 | 769.707 | 831.549 | 0.412 | 565.453 |
| 1299.196 | 0.998 | 14.662 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 154.919 | 21.110 | 357.703 | 769.982 | 831.778 | 0.412 | 565.609 |
| 1298.732 | 0.998 | 14.640 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 154.889 | 21.111 | 357.633 | 769.943 | 831.727 | 0.412 | 565.574 |
| 1298.797 | 0.998 | 14.647 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 154.894 | 21.106 | 357.646 | 769.906 | 831.767 | 0.412 | 565.602 |
| 1298.860 | 0.998 | 14.637 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 154.887 | 21.109 | 357.630 | 770.050 | 831.881 | 0.412 | 565.679 |
| 1298.616 | 0.998 | 14.649 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 154.896 | 21.109 | 357.651 | 770.084 | 831.915 | 0.412 | 565.702 |
| 1298.559 | 0.998 | 14.648 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 154.884 | 21.107 | 357.623 | 770.095 | 831.958 | 0.412 | 565.732 |
| 1298.541 | 0.998 | 14.644 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 154.882 | 21.109 | 357.617 | 770.212 | 832.055 | 0.412 | 565.797 |
| 1298.344 | 0.998 | 14.638 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 154.876 | 21.112 | 357.604 | 770.106 | 831.874 | 0.412 | 565.674 |
| 1298.522 | 0.998 | 14.639 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 154.849 | 21.110 | 357.542 | 770.130 | 831.947 | 0.412 | 565.724 |
| 1298.483 | 0.998 | 14.625 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 154.842 | 21.103 | 357.525 | 769.681 | 831.579 | 0.412 | 565.474 |
| 1299.239 | 0.998 | 14.628 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 154.887 | 21.110 | 357.629 | 769.745 | 831.521 | 0.412 | 565.435 |
| 1299.132 | 0.998 | 14.617 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 154.867 | 21.102 | 357.583 | 769.230 | 831.107 | 0.412 | 565.153 |
| 1300.002 | 0.998 | 14.624 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 154.878 | 21.110 | 357.608 | 769.905 | 831.694 | 0.412 | 565.552 |
| 1298.862 | 0.998 | 14.617 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 154.873 | 21.111 | 357.596 | 769.921 | 831.699 | 0.412 | 565.555 |
| 1298.834 | 0.998 | 14.616 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 154.869 | 21.095 | 357.589 | 769.853 | 831.901 | 0.412 | 565.693 |
| 1298.949 | 0.998 | 14.619 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 154.882 | 21.100 | 357.619 | 770.626 | 832.648 | 0.413 | 566.200 |
| 1297.646 | 0.998 | 14.607 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 154.883 | 21.108 | 357.621 | 770.091 | 831.933 | 0.412 | 565.714 |
| 1298.548 | 0.998 | 14.612 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 154.882 | 21.110 | 357.618 | 770.168 | 831.982 | 0.412 | 565.748 |
| 1298.418 | 0.998 | 14.635 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 154.869 | 21.110 | 357.587 | 769.996 | 831.790 | 0.412 | 565.617 |
| 1298.707 | 0.998 | 14.649 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 154.877 | 21.099 | 357.607 | 769.925 | 831.911 | 0.412 | 565.700 |
| 1298.828 | 0.998 | 14.644 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 154.867 | 21.102 | 357.582 | 769.770 | 831.685 | 0.412 | 565.546 |
| 1299.089 | 0.998 | 14.659 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 154.869 | 21.101 | 357.589 | 770.026 | 831.976 | 0.412 | 565.744 |
| 1298.658 | 0.998 | 14.652 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 154.851 | 21.099 | 357.546 | 770.815 | 832.879 | 0.413 | 566.358 |
| 1297.328 | 0.998 | 14.645 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 154.885 | 21.094 | 357.625 | 771.473 | 833.676 | 0.413 | 566.899 |
| 1296.222 | 0.998 | 14.655 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 154.882 | 21.107 | 357.618 | 772.302 | 834.347 | 0.414 | 567.356 |
| 1294.830 | 0.998 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 154.890 | 21.112 | 357.636 | 772.157 | 834.100 | 0.414 | 567.188 |
| 1295.074 | 0.998 | 14.660 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 154.894 | 21.111 | 357.644 | 771.248 | 833.138 | 0.413 | 566.534 |
| 1296.600 | 0.998 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 154.843 | 21.113 | 357.528 | 770.386 | 832.174 | 0.413 | 565.878 |
| 1298.050 | 0.998 | 14.657 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 154.858 | 21.105 | 357.562 | 770.036 | 831.922 | 0.412 | 565.707 |
| 1298.640 | 0.998 | 14.660 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 154.900 | 21.112 | 357.658 | 769.323 | 831.037 | 0.412 | 565.105 |
| 1299.844 | 0.998 | 14.651 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 154.894 | 21.114 | 357.645 | 769.932 | 831.661 | 0.412 | 565.530 |
| 1298.815 | 0.998 | 14.657 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 154.890 | 21.110 | 357.636 | 769.645 | 831.418 | 0.412 | 565.364 |
| 1299.300 | 0.998 | 14.661 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 154.899 | 21.111 | 357.656 | 770.378 | 832.195 | 0.413 | 565.893 |
| 1298.064 | 0.998 | 14.657 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 154.863 | 21.109 | 357.573 | 770.500 | 832.352 | 0.413 | 565.999 |
| 1297.859 | 0.998 | 14.652 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 154.904 | 21.107 | 357.668 | 770.680 | 832.581 | 0.413 | 566.155 |
| 1297.556 | 0.998 | 14.662 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 154.902 | 21.112 | 357.664 | 770.839 | 832.670 | 0.413 | 566.216 |
| 1297.288 | 0.998 | 14.666 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 154.901 | 21.115 | 357.661 | 770.853 | 832.643 | 0.413 | 566.197 |
| 1297.265 | 0.998 | 14.669 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 154.910 | 21.111 | 357.683 | 770.608 | 832.439 | 0.413 | 566.059 |
| 1297.676 | 0.998 | 14.665 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 154.909 | 21.105 | 357.679 | 770.269 | 832.184 | 0.413 | 565.885 |
| 1298.248 | 0.998 | 14.666 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 154.902 | 21.104 | 357.665 | 770.397 | 832.342 | 0.413 | 565.993 |
| 1298.031 | 0.998 | 14.671 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 154.903 | 21.099 | 357.667 | 770.316 | 832.329 | 0.413 | 565.984 |
| 1298.168 | 0.998 | 14.672 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 154.886 | 21.107 | 357.628 | 770.682 | 832.585 | 0.413 | 566.158 |
| 1297.552 | 0.998 | 14.668 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 154.915 | 21.113 | 357.693 | 771.152 | 832.995 | 0.413 | 566.437 |
| 1296.761 | 0.998 | 14.675 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 154.928 | 21.110 | 357.724 | 770.963 | 832.849 | 0.413 | 566.337 |
| 1297.079 | 0.998 | 14.671 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 154.889 | 21.102 | 357.634 | 770.584 | 832.564 | 0.413 | 566.144 |
| 1297.717 | 0.998 | 14.676 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 154.921 | 21.101 | 357.708 | 770.710 | 832.723 | 0.413 | 566.252 |
| 1297.505 | 0.998 | 14.678 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 154.916 | 21.109 | 357.697 | 771.716 | 833.675 | 0.413 | 566.899 |
| 1295.813 | 0.998 | 14.679 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 154.908 | 21.110 | 357.678 | 771.640 | 833.573 | 0.413 | 566.830 |
| 1295.942 | 0.998 | 14.680 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 154.917 | 21.110 | 357.698 | 771.450 | 833.367 | 0.413 | 566.689 |
| 1296.260 | 0.998 | 14.675 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 154.930 | 21.111 | 357.729 | 770.064 | 831.849 | 0.412 | 565.657 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1298.593 | 0.998 | 14.669 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 154.928 | 21.109 | 357.724 | 770.185 | 832.017 | 0.412 | 565.772 |
| 1298.390 | 0.998 | 14.671 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 154.933 | 21.106 | 357.736 | 770.110 | 831.981 | 0.412 | 565.747 |
| 1298.516 | 0.998 | 14.672 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 154.934 | 21.109 | 357.738 | 770.026 | 831.854 | 0.412 | 565.661 |
| 1298.657 | 0.998 | 14.673 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 154.940 | 21.108 | 357.752 | 770.353 | 832.215 | 0.413 | 565.906 |
| 1298.105 | 0.998 | 14.679 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 154.943 | 21.101 | 357.759 | 770.701 | 832.712 | 0.413 | 566.244 |
| 1297.520 | 0.998 | 14.688 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 154.947 | 21.111 | 357.768 | 770.241 | 832.037 | 0.412 | 565.785 |
| 1298.295 | 0.998 | 14.681 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 154.954 | 21.104 | 357.784 | 770.636 | 832.587 | 0.413 | 566.159 |
| 1297.630 | 0.998 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 154.952 | 21.106 | 357.780 | 770.286 | 832.174 | 0.413 | 565.878 |
| 1298.218 | 0.998 | 14.683 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 154.947 | 21.115 | 357.767 | 770.838 | 832.618 | 0.413 | 566.180 |
| 1297.289 | 0.998 | 14.687 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 154.924 | 21.104 | 357.714 | 770.447 | 832.384 | 0.413 | 566.021 |
| 1297.947 | 0.998 | 14.689 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 154.957 | 21.109 | 357.791 | 771.374 | 833.298 | 0.413 | 566.643 |
| 1296.388 | 0.998 | 14.696 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 154.960 | 21.112 | 357.799 | 771.474 | 833.366 | 0.413 | 566.689 |
| 1296.221 | 0.998 | 14.698 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 154.963 | 21.106 | 357.805 | 771.179 | 833.143 | 0.413 | 566.537 |
| 1296.715 | 0.998 | 14.702 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 154.974 | 21.107 | 357.829 | 771.452 | 833.422 | 0.413 | 566.727 |
| 1296.257 | 0.998 | 14.694 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 154.980 | 21.103 | 357.844 | 771.870 | 833.942 | 0.413 | 567.080 |
| 1295.555 | 0.998 | 14.702 | | | | | | |
| 1/11/2017 9:15:00 AM | 558900.000 | 154.982 | 21.104 | 357.848 | 771.771 | 833.815 | 0.413 | 566.995 |
| 1295.721 | 0.998 | 14.702 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 154.981 | 21.106 | 357.847 | 771.687 | 833.701 | 0.413 | 566.916 |
| 1295.862 | 0.998 | 14.704 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 154.968 | 21.105 | 357.815 | 771.735 | 833.759 | 0.413 | 566.956 |
| 1295.781 | 0.998 | 14.714 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 154.991 | 21.115 | 357.870 | 771.920 | 833.784 | 0.413 | 566.973 |
| 1295.471 | 0.998 | 14.709 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 154.986 | 21.114 | 357.858 | 771.690 | 833.565 | 0.413 | 566.824 |
| 1295.856 | 0.998 | 14.720 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 154.995 | 21.100 | 357.880 | 771.235 | 833.309 | 0.413 | 566.650 |
| 1296.621 | 0.998 | 14.719 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 154.954 | 21.099 | 357.784 | 771.366 | 833.462 | 0.413 | 566.754 |
| 1296.401 | 0.998 | 14.726 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 154.990 | 21.109 | 357.866 | 771.489 | 833.426 | 0.413 | 566.730 |
| 1296.195 | 0.998 | 14.724 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 154.999 | 21.102 | 357.888 | 771.481 | 833.543 | 0.413 | 566.809 |
| 1296.208 | 0.998 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 154.962 | 21.107 | 357.801 | 771.970 | 833.974 | 0.413 | 567.102 |
| 1295.388 | 0.998 | 14.722 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 154.999 | 21.106 | 357.887 | 772.276 | 834.334 | 0.414 | 567.347 |
| 1294.874 | 0.998 | 14.721 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 155.001 | 21.100 | 357.893 | 771.970 | 834.101 | 0.414 | 567.189 |
| 1295.387 | 0.998 | 14.719 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 155.008 | 21.108 | 357.908 | 771.771 | 833.754 | 0.413 | 566.952 |
| 1295.721 | 0.998 | 14.714 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 155.002 | 21.112 | 357.894 | 771.853 | 833.773 | 0.413 | 566.965 |
| 1295.584 | 0.998 | 14.712 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 155.014 | 21.108 | 357.922 | 771.830 | 833.814 | 0.413 | 566.993 |
| 1295.623 | 0.998 | 14.708 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 154.967 | 21.107 | 357.813 | 771.776 | 833.780 | 0.413 | 566.970 |
| 1295.713 | 0.998 | 14.707 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 154.972 | 21.105 | 357.825 | 770.630 | 832.565 | 0.413 | 566.144 |
| 1297.639 | 0.998 | 14.708 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 155.007 | 21.107 | 357.906 | 770.692 | 832.602 | 0.413 | 566.169 |
| 1297.535 | 0.998 | 14.704 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 155.005 | 21.115 | 357.903 | 770.754 | 832.535 | 0.413 | 566.124 |
| 1297.430 | 0.998 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 155.005 | 21.102 | 357.901 | 770.601 | 832.584 | 0.413 | 566.157 |
| 1297.689 | 0.998 | 14.703 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 155.007 | 21.109 | 357.907 | 770.559 | 832.427 | 0.413 | 566.050 |
| 1297.759 | 0.998 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 154.965 | 21.114 | 357.810 | 770.592 | 832.367 | 0.413 | 566.010 |
| 1297.704 | 0.998 | 14.706 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 154.999 | 21.107 | 357.887 | 770.498 | 832.392 | 0.413 | 566.026 |
| 1297.862 | 0.998 | 14.702 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 154.992 | 21.109 | 357.872 | 770.435 | 832.282 | 0.413 | 565.952 |
| 1297.968 | 0.998 | 14.706 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 154.980 | 21.108 | 357.843 | 769.913 | 831.740 | 0.412 | 565.583 |
| 1298.849 | 0.998 | 14.708 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 154.995 | 21.114 | 357.878 | 770.135 | 831.883 | 0.412 | 565.680 |
| 1298.474 | 0.998 | 14.705 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 154.989 | 21.102 | 357.865 | 769.745 | 831.668 | 0.412 | 565.534 |
| 1299.132 | 0.998 | 14.703 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 154.987 | 21.094 | 357.860 | 769.309 | 831.336 | 0.412 | 565.308 |
| 1299.868 | 0.998 | 14.700 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 154.972 | 21.103 | 357.826 | 769.615 | 831.500 | 0.412 | 565.420 |
| 1299.350 | 0.998 | 14.703 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 154.974 | 21.106 | 357.830 | 770.828 | 832.763 | 0.413 | 566.279 |
| 1297.306 | 0.998 | 14.702 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 154.962 | 21.113 | 357.802 | 771.003 | 832.830 | 0.413 | 566.325 |
| 1297.013 | 0.998 | 14.710 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 154.970 | 21.106 | 357.820 | 770.884 | 832.833 | 0.413 | 566.327 |
| 1297.212 | 0.998 | 14.709 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 154.926 | 21.105 | 357.718 | 770.557 | 832.483 | 0.413 | 566.089 |
| 1297.762 | 0.998 | 14.707 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 154.954 | 21.102 | 357.783 | 770.494 | 832.469 | 0.413 | 566.079 |
| 1297.868 | 0.998 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 154.944 | 21.103 | 357.762 | 770.551 | 832.517 | 0.413 | 566.112 |
| 1297.772 | 0.998 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 154.942 | 21.108 | 357.756 | 770.775 | 832.672 | 0.413 | 566.217 |
| 1297.396 | 0.998 | 14.704 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 154.934 | 21.112 | 357.738 | 771.115 | 832.977 | 0.413 | 566.425 |
| 1296.823 | 0.998 | 14.708 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 154.896 | 21.115 | 357.650 | 771.108 | 832.918 | 0.413 | 566.384 |
| 1296.834 | 0.998 | 14.703 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 154.893 | 21.105 | 357.643 | 770.763 | 832.713 | 0.413 | 566.245 |
| 1297.415 | 0.998 | 14.706 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 154.882 | 21.099 | 357.618 | 770.931 | 832.993 | 0.413 | 566.436 |
| 1297.133 | 0.998 | 14.705 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 154.926 | 21.112 | 357.720 | 771.271 | 833.138 | 0.413 | 566.534 |
| 1296.562 | 0.998 | 14.708 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 154.896 | 21.106 | 357.649 | 771.518 | 833.504 | 0.413 | 566.783 |
| 1296.146 | 0.998 | 14.703 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 154.923 | 21.102 | 357.712 | 771.377 | 833.434 | 0.413 | 566.735 |
| 1296.383 | 0.998 | 14.704 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 154.915 | 21.113 | 357.695 | 771.658 | 833.544 | 0.413 | 566.810 |
| 1295.912 | 0.998 | 14.706 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 154.918 | 21.110 | 357.701 | 772.025 | 833.991 | 0.413 | 567.114 |
| 1295.294 | 0.998 | 14.705 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 154.915 | 21.103 | 357.694 | 772.073 | 834.167 | 0.414 | 567.234 |
| 1295.214 | 0.998 | 14.699 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 154.913 | 21.106 | 357.690 | 772.045 | 834.087 | 0.414 | 567.179 |
| 1295.262 | 0.998 | 14.700 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 154.880 | 21.107 | 357.613 | 772.104 | 834.126 | 0.414 | 567.206 |
| 1295.162 | 0.998 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 154.915 | 21.115 | 357.694 | 772.153 | 834.043 | 0.413 | 567.149 |
| 1295.080 | 0.998 | 14.692 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 154.907 | 21.109 | 357.675 | 772.070 | 834.051 | 0.413 | 567.155 |
| 1295.219 | 0.998 | 14.691 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 154.922 | 21.107 | 357.711 | 772.140 | 834.164 | 0.414 | 567.232 |
| 1295.102 | 0.998 | 14.697 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 10:00:00 PM | 604800.000 | 154.905 | 21.108 | 357.670 | 772.573 | 834.621 | 0.414 | 567.543 |
| 1294.376 | 0.998 | 14.692 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 154.884 | 21.101 | 357.623 | 772.654 | 834.822 | 0.414 | 567.679 |
| 1294.240 | 0.998 | 14.691 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 154.922 | 21.103 | 357.709 | 772.723 | 834.870 | 0.414 | 567.712 |
| 1294.126 | 0.998 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 154.905 | 21.099 | 357.671 | 772.753 | 834.959 | 0.414 | 567.772 |
| 1294.074 | 0.998 | 14.689 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 154.939 | 21.097 | 357.750 | 772.827 | 835.081 | 0.414 | 567.855 |
| 1293.951 | 0.998 | 14.681 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 154.921 | 21.104 | 357.707 | 772.953 | 835.089 | 0.414 | 567.860 |
| 1293.740 | 0.998 | 14.685 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 154.888 | 21.106 | 357.631 | 773.102 | 835.225 | 0.414 | 567.953 |
| 1293.490 | 0.998 | 14.688 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 154.915 | 21.104 | 357.695 | 773.262 | 835.426 | 0.414 | 568.090 |
| 1293.223 | 0.998 | 14.686 | | | | | | |

Report Date: 1/16/2017 8:33:35 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-9M_2017-01-12_15-53-15-212.wsl
Create Date: 1/12/2017 3:53:13 PM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-9
Device Name:
Serial Number: 410760
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 1

Log Configuration
Log Name: MPWSP MW-9M
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 7/17/2015 1:20:50 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 7/17/2015 8:30:00 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: Depth
Specific Gravity: 1.024

Other Log Settings
Depth of Probe: -0.0320346 (ft)
Head Pressure: -0.0142212 (PSI)
Temperature: 25.1824 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

| Date and Time | Note |
|---|---|
| 7/17/2015 1:21:04 PM | Used Battery: 1% Used Memory: 1% User Name: CShaw |
| 7/17/2015 1:21:34 PM | Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw |
| 7/17/2015 1:25:28 PM | Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw |
| 7/17/2015 1:25:28 PM | Device Taken Offline |
| 7/17/2015 1:25:35 PM | Sensor Disabled: 1 |
| 7/17/2015 1:26:04 PM | Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw |
| 7/17/2015 1:26:38 PM | Device Put Online |
| 7/17/2015 1:26:38 PM | Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw |
| 7/17/2015 1:29:36 PM | Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw |
| 7/17/2015 1:31:15 PM | Device Taken Offline |
| 7/17/2015 1:32:19 PM | Device Put Online |
| 7/17/2015 1:32:20 PM | Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw |
| 7/17/2015 1:33:21 PM | Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw |
| 7/17/2015 1:33:27 PM | Device Taken Offline |
| 7/17/2015 1:34:34 PM | Device Put Online |
| 7/17/2015 1:34:35 PM | Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw |
| 7/17/2015 1:35:49 PM | Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw |
| 7/17/2015 1:35:55 PM | Device Taken Offline |
| 7/17/2015 1:37:59 PM | Conductivity calibration.<br>Sensor SN: 410760<br>Cell Constant: 1.0333 Cell Offset: 0<br>Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw |
| 7/17/2015 1:39:38 PM | Device Put Online |
| 7/17/2015 1:39:39 PM | Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw |
| 7/17/2015 1:39:41 PM | Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw |
| 7/17/2015 1:39:46 PM | Device Taken Offline |
| 7/17/2015 1:41:11 PM | Conductivity calibration.<br>Sensor SN: 410760<br>Cell Constant: 1.03308 Cell Offset: 0<br>Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw |
| 7/17/2015 1:41:19 PM | Device Put Online |
| 7/17/2015 1:41:19 PM | Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw |
| 7/17/2015 1:43:47 PM | Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw |
| 7/17/2015 1:43:53 PM | Device Taken Offline |
| 7/17/2015 1:45:06 PM | Conductivity calibration.<br>Sensor SN: 410760<br>Cell Constant: 1.01925 Cell Offset: 0<br>Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw |
| 7/17/2015 1:46:24 PM | Device Put Online |
| 7/17/2015 1:46:25 PM | Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw |
| 7/23/2015 3:03:12 PM | Log Download - Used Battery: 2% Used Memory: 1% User Name: KMakar |
| 7/30/2015 3:14:57 PM | Log Download - Used Battery: 2% Used Memory: 3% User Name: BDuarte |
| 8/6/2015 4:56:22 PM | Log Download - Used Battery: 3% Used Memory: 3% User Name: CShaw |
| 8/13/2015 10:19:14 AM | Log Download - Used Battery: 3% Used Memory: 4% User Name: KMakar |
| 8/20/2015 4:11:23 PM | Log Download - Used Battery: 3% Used Memory: 4% User Name: BDuarte<br>Interval - Start Time: 7/30/2015 3:15:00 PM |
| 8/27/2015 8:32:48 AM | Log Download - Used Battery: 4% Used Memory: 6% User Name: KMakar |
| 9/3/2015 12:34:39 PM | Log Download - Used Battery: 4% Used Memory: 6% User Name: CShaw<br>Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 12:45:00 PM |
| 9/10/2015 8:48:06 AM | Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar<br>Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 8:45:00 AM |
| 9/17/2015 8:52:29 AM | Log Download - Used Battery: 5% Used Memory: 7% User Name: KMakar |

Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 8:52:00 AM
9/24/2015 5:20:50 PM Log Download - Used Battery: 5% Used Memory: 9% User Name: CShaw
Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM
9/24/2015 7:51:21 PM Log Download - Used Battery: 5% Used Memory: 9% User Name: CShaw
Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:45:00 PM
10/1/2015 9:09:29 AM Log Download - Used Battery: 5% Used Memory: 9% User Name: KMakar
Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 9:00:00 AM
10/8/2015 10:56:12 AM Log Download - Used Battery: 6% Used Memory: 10% User Name: CShaw
Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 11:45:00 PM
10/15/2015 10:36:31 AM Log Download - Used Battery: 6% Used Memory: 10% User Name: KMakar
Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 10:45:00 AM
10/22/2015 9:59:02 AM Log Download - Used Battery: 7% Used Memory: 12% User Name: CShaw
Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 5:30:00 PM
10/29/2015 1:02:30 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: KMakar
Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 1:00:00 PM
11/5/2015 9:23:03 AM Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar
Interval - Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 9:30:00 AM
11/12/2015 1:20:28 PM Log Download - Used Battery: 8% Used Memory: 14% User Name: CShaw
Interval - Start Time: 10/27/2015 11:00:00 AM Stop Time: 11/12/2015 2:00:00 PM
11/19/2015 10:18:41 AM Log Download - Used Battery: 8% Used Memory: 15% User Name: KMakar
Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 10:30:00 AM
11/29/2015 10:53:05 AM Log Download - Used Battery: 9% Used Memory: 17% User Name: CShaw
Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 11:00:00 AM
12/3/2015 7:43:20 AM Log Download - Used Battery: 9% Used Memory: 17% User Name: KMakar
Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 7:45:00 AM
12/10/2015 9:56:12 AM Log Download - Used Battery: 9% Used Memory: 18% User Name: CShaw
Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 10:45:00 AM
12/17/2015 9:17:42 AM Log Download - Used Battery: 9% Used Memory: 18% User Name: KMakar
Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 9:15:00 AM
1/3/2016 11:29:31 AM Log Download - Used Battery: 10% Used Memory: 20% User Name: CShaw
Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 12:00:00 PM
1/7/2016 8:42:47 AM Log Download - Used Battery: 11% Used Memory: 21% User Name: KMakar
Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 8:45:00 AM
1/14/2016 12:39:45 PM Log Download - Used Battery: 11% Used Memory: 21% User Name: KMakar
Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 12:45:00 PM
1/21/2016 8:44:06 AM Log Download - Used Battery: 11% Used Memory: 23% User Name: KMakar
Interval - Start Time: 1/12/2016 12:00:00 PM Stop Time: 1/21/2016 10:00:00 AM
1/28/2016 8:58:07 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: KMakar
Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 8:45:00 AM
2/4/2016 10:01:19 AM Log Download - Used Battery: 12% Used Memory: 25% User Name: CShaw
Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:00:00 AM
2/11/2016 9:50:23 AM Log Download - Used Battery: 12% Used Memory: 25% User Name: CShaw
Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM
2/18/2016 11:40:59 AM Log Download - Used Battery: 13% Used Memory: 26% User Name: CShaw
Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:45:00 AM
2/25/2016 11:28:41 AM Log Download - Used Battery: 13% Used Memory: 26% User Name: KMakar
Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:15:00 AM
3/3/2016 12:36:53 PM Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper
Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM
3/10/2016 2:26:27 PM Log Download - Used Battery: 14% Used Memory: 28% User Name: KMakar
Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 11:06:11 AM Log Download - Used Battery: 14% Used Memory: 29% User Name: SKuiper
Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 12:00:00 PM
3/24/2016 8:39:55 AM Log Download - Used Battery: 14% Used Memory: 29% User Name: KMakar
Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:30:00 AM
3/31/2016 2:50:45 PM Log Download - Used Battery: 15% Used Memory: 31% User Name: SKuiper
Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 3:45:00 PM

4/7/2016 9:13:35 AM Log Download - Used Battery: 15% Used Memory: 31% User Name: KMakar
Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:00:00 AM
4/14/2016 3:48:12 PM Log Download - Used Battery: 16% Used Memory: 32% User Name: SKuiper
Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:45:00 PM
4/21/2016 1:55:13 PM Log Download - Used Battery: 16% Used Memory: 34% User Name: ELinden
Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM
4/28/2016 9:27:16 AM Log Download - Used Battery: 16% Used Memory: 34% User Name: KMakar
Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:15:00 AM
5/5/2016 9:09:18 AM Log Download - Used Battery: 17% Used Memory: 35% User Name: SKuiper
Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:00:00 AM
5/12/2016 9:54:47 AM Log Download - Used Battery: 17% Used Memory: 35% User Name: SKuiper
Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM
5/19/2016 1:30:30 PM Log Download - Used Battery: 17% Used Memory: 37% User Name: ELinden
Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:30:00 PM
5/26/2016 8:53:27 AM Log Download - Used Battery: 18% Used Memory: 37% User Name: SKuiper
Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:45:00 AM
6/2/2016 11:19:42 AM Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper
Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:15:00 AM
6/9/2016 9:23:25 AM Log Download - Used Battery: 18% Used Memory: 39% User Name: CShaw
Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:15:00 AM
6/16/2016 10:57:32 AM Log Download - Used Battery: 19% Used Memory: 40% User Name: SKuiper
Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:45:00 AM
6/23/2016 9:50:49 AM Log Download - Used Battery: 19% Used Memory: 40% User Name: SKuiper
Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM
7/1/2016 11:23:48 AM Log Download - Used Battery: 20% Used Memory: 42% User Name: SKuiper
Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
7/8/2016 11:37:46 AM Log Download - Used Battery: 20% Used Memory: 42% User Name: SKuiper
Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 5:33:50 PM Log Download - Used Battery: 20% Used Memory: 43% User Name: ELinden
Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 6:30:00 PM
7/21/2016 10:07:47 AM Log Download - Used Battery: 21% Used Memory: 43% User Name: SKuiper
Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
7/28/2016 5:59:10 PM Log Download - Used Battery: 21% Used Memory: 45% User Name: SKuiper
Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 5:45:00 PM

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Log Data:
Record Count: 743
Sensors: 1
1 - 410760: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

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
Elapsed Time SN#: 410760 SN#: 410760
SN#: 410760 SN#: 410760 SN#: 410760
SN#: 410760 SN#: 410760 SN#: 410760
SN#: 410760
Date and Time Seconds Pressure (PSI) Temperature (C)
Depth (ft) Actual Conductivity (µS/cm) Specific Conductivity (µS/cm)
Total Dissolved Solids (ppm) Salinity (PSU) Resistivity (ohm-cm)
Water Density (g/cm3)
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| | | | |
|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 70.850 | 16.820 |
| 159.597 | 37877.055 | 44890.660 | |
| 30525.650 | 29.177 | 26.401 | |
| 1.021 | | | |
| 1/5/2017 12:15:00 AM | 8100.000 | 70.852 | 16.820 |
| 159.602 | 37848.113 | 44856.445 | |
| 30502.385 | 29.152 | 26.421 | |
| 1.021 | | | |
| 1/5/2017 12:30:00 AM | 9000.000 | 70.853 | 16.818 |
| 159.603 | 37852.469 | 44863.758 | |
| 30507.357 | 29.157 | 26.418 | |
| 1.021 | | | |
| 1/5/2017 12:45:00 AM | 9900.000 | 70.870 | 16.825 |
| 159.642 | 37886.086 | 44896.195 | |
| 30529.416 | 29.181 | 26.395 | |
| 1.021 | | | |
| 1/5/2017 1:00:00 AM | 10800.000 | 70.854 | 16.817 |
| 159.606 | 37851.211 | 44862.875 | |
| 30506.758 | 29.157 | 26.419 | |
| 1.021 | | | |
| 1/5/2017 1:15:00 AM | 11700.000 | 70.869 | 16.822 |
| 159.639 | 37848.867 | 44854.762 | |
| 30501.240 | 29.151 | 26.421 | |
| 1.021 | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 70.858 | 16.809 |
| 159.615 | 37852.410 | 44872.496 | |
| 30513.299 | 29.163 | 26.418 | |
| 1.021 | | | |
| 1/5/2017 1:45:00 AM | 13500.000 | 70.877 | 16.817 |
| 159.658 | 37863.523 | 44877.301 | |
| 30516.564 | 29.167 | 26.411 | |
| 1.021 | | | |
| 1/5/2017 2:00:00 AM | 14400.000 | 70.860 | 16.820 |
| 159.619 | 37858.004 | 44868.348 | |
| 30510.477 | 29.161 | 26.414 | |
| 1.021 | | | |
| 1/5/2017 2:15:00 AM | 15300.000 | 70.879 | 16.827 |
| 159.661 | 37871.582 | 44877.496 | |
| 30516.699 | 29.168 | 26.405 | |
| 1.021 | | | |
| 1/5/2017 2:30:00 AM | 16200.000 | 70.883 | 16.821 |
| 159.671 | 37843.191 | 44849.094 | |
| 30497.387 | 29.147 | 26.425 | |
| 1.021 | | | |
| 1/5/2017 2:45:00 AM | 17100.000 | 70.893 | 16.818 |
| 159.694 | 37845.340 | 44855.027 | |
| 30501.420 | 29.151 | 26.423 | |
| 1.021 | | | |
| 1/5/2017 3:00:00 AM | 18000.000 | 70.872 | 16.822 |
| 159.647 | 37845.469 | 44851.355 | |
| 30498.924 | 29.149 | 26.423 | |
| 1.021 | | | |
| 1/5/2017 3:15:00 AM | 18900.000 | 70.892 | 16.821 |
| 159.692 | 37865.262 | 44875.879 | |

30515.598 29.166 26.409
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159.700 37869.273 44884.023
30521.137 29.172 26.407
1.021
1/5/2017 3:45:00 AM 20700.000 70.885 16.811
159.676 37850.641 44868.617
30510.662 29.160 26.420
1.021
1/5/2017 4:00:00 AM 21600.000 70.889 16.808
159.685 37863.277 44886.367
30522.732 29.173 26.411
1.021
1/5/2017 4:15:00 AM 22500.000 70.892 16.819
159.692 37851.648 44861.527
30505.842 29.156 26.419
1.021
1/5/2017 4:30:00 AM 23400.000 70.914 16.806
159.742 37871.273 44898.078
30530.695 29.181 26.405
1.021
1/5/2017 4:45:00 AM 24300.000 70.922 16.811
159.759 37847.453 44864.762
30508.041 29.158 26.422
1.021
1/5/2017 5:00:00 AM 25200.000 70.905 16.806
159.720 37853.797 44877.098
30516.428 29.166 26.417
1.021
1/5/2017 5:15:00 AM 26100.000 70.925 16.815
159.766 37861.324 44877.461
30516.676 29.167 26.412
1.021
1/5/2017 5:30:00 AM 27000.000 70.913 16.801
159.739 37849.469 44877.762
30516.881 29.166 26.420
1.021
1/5/2017 5:45:00 AM 27900.000 70.917 16.810
159.747 37856.801 44876.469
30516.000 29.166 26.415
1.021
1/5/2017 6:00:00 AM 28800.000 70.935 16.822
159.788 37860.367 44868.840
30510.813 29.161 26.413
1.021
1/5/2017 6:15:00 AM 29700.000 70.920 16.817
159.755 37853.164 44865.285
30508.396 29.158 26.418
1.021
1/5/2017 6:30:00 AM 30600.000 70.940 16.810
159.798 37860.023 44880.996
30519.080 29.169 26.413
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1/5/2017 6:45:00 AM 31500.000 70.924 16.812
159.762 37831.984 44845.094
30494.666 29.143 26.433

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159.772 37856.328 44878.840
30517.613 29.168 26.416
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1/5/2017 7:15:00 AM 33300.000 70.929 16.819
159.775 37860.086 44871.801
30512.824 29.163 26.413
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1/5/2017 7:30:00 AM 34200.000 70.941 16.821
159.802 37872.344 44883.746
30520.949 29.172 26.404
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159.802 37867.945 44879.332
30517.945 29.169 26.408
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1/5/2017 8:30:00 AM 37800.000 70.927 16.812
159.769 37866.941 44886.965
30523.139 29.174 26.408
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1/5/2017 8:45:00 AM 38700.000 70.940 16.811
159.799 37855.129 44873.938
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159.768 37861.188 44873.902
30514.256 29.165 26.412
1.021
1/5/2017 9:15:00 AM 40500.000 70.924 16.810
159.763 37856.801 44877.270
30516.545 29.167 26.415
1.021
1/5/2017 9:30:00 AM 41400.000 70.934 16.825
159.786 37878.504 44886.938
30523.119 29.174 26.400
1.021
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159.785 37909.832 44926.832
30550.248 29.203 26.378
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159.790 37809.664 44815.430
30474.492 29.122 26.448
1.021
1/5/2017 10:15:00 AM 44100.000 70.918 16.819
159.750 37883.527 44899.309
30531.531 29.183 26.397
1.021

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159.781 37845.273 44859.852
30504.701 29.154 26.423
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159.773 37868.176 44877.277
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30522.725 29.174 26.405
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159.738 37846.504 44863.008
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1.021
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159.757 37848.180 44860.895
30505.410 29.155 26.421
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159.708 37858.375 44871.816
30512.836 29.163 26.414
1.021
1/5/2017 12:45:00 PM 53100.000 70.897 16.820
159.702 37871.711 44884.590
30521.523 29.172 26.405
1.021
1/5/2017 1:00:00 PM 54000.000 70.897 16.818
159.703 37856.641 44868.602
30510.650 29.161 26.415
1.021
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1.021
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159.696 37892.766 44906.422
30536.369 29.188 26.390
1.021
1/5/2017 1:45:00 PM 56700.000 70.911 16.814
159.735 37881.637 44902.066
30533.406 29.185 26.398
1.021
1/5/2017 2:00:00 PM 57600.000 70.898 16.816

159.705 37869.371 44885.656
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1.021
1/5/2017 2:15:00 PM 58500.000 70.898 16.810
159.704 37851.711 44870.703
30512.080 29.162 26.419
1.021
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30507.287 29.157 26.421
1.021
1/5/2017 2:45:00 PM 60300.000 70.911 16.823
159.735 37840.824 44844.238
30494.084 29.143 26.426
1.021
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1.021
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30516.520 29.167 26.415
1.021
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30531.625 29.183 26.400
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159.741 37887.184 44912.387
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159.748 37840.633 44859.438
30504.420 29.154 26.427
1.021
1/5/2017 4:30:00 PM 66600.000 70.919 16.812
159.751 37871.082 44891.617
30526.303 29.177 26.405
1.021
1/5/2017 4:45:00 PM 67500.000 70.917 16.815
159.748 37849.000 44862.227
30506.314 29.156 26.421
1.021
1/5/2017 5:00:00 PM 68400.000 70.917 16.822
159.746 37854.180 44861.320
30505.699 29.156 26.417
1.021
1/5/2017 5:15:00 PM 69300.000 70.899 16.822
159.708 37862.738 44871.375
30512.537 29.163 26.411
1.021
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1.021
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1.021
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1.021
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159.726 37866.996 44882.223
30519.912 29.171 26.408
1.021
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159.695 37867.762 44889.285
30524.715 29.175 26.408
1.021
1/5/2017 8:15:00 PM 80100.000 70.888 16.813
159.683 37854.020 44870.762
30512.121 29.162 26.417
1.021
1/5/2017 8:30:00 PM 81000.000 70.889 16.815
159.684 37871.398 44888.953
30524.490 29.175 26.405
1.021
1/5/2017 8:45:00 PM 81900.000 70.888 16.811
159.683 37846.754 44863.574
30507.232 29.157 26.422
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30519.922 29.170 26.410

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30522.139 29.173 26.408
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30491.352 29.140 26.433
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159.696 37848.527 44864.152
30507.623 29.157 26.421
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159.679 37869.883 44887.859
30523.746 29.174 26.406
1.021
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159.678 37847.195 44857.406
30503.039 29.153 26.422
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30506.352 29.156 26.418
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159.637 37855.660 44871.902
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1.021
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159.656 37834.129 44847.984
30496.629 29.146 26.431
1.021
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30493.338 29.142 26.433
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30508.469 29.158 26.421
1.021
1/6/2017 12:00:00 AM 93600.000 70.855 16.816
159.608 37876.211 44893.320
30527.461 29.179 26.402
1.021
1/6/2017 12:15:00 AM 94500.000 70.872 16.816
159.646 37866.941 44883.219
30520.592 29.171 26.408
1.021
1/6/2017 12:30:00 AM 95400.000 70.873 16.819
159.647 37871.176 44884.852
30521.699 29.173 26.405
1.021

1/6/2017 12:45:00 AM 96300.000 70.873 16.818
159.647 37844.324 44853.746
30500.547 29.150 26.424
1.021
1/6/2017 1:00:00 AM 97200.000 70.857 16.814
159.612 37866.277 44883.859
30521.027 29.172 26.409
1.021
1/6/2017 1:15:00 AM 98100.000 70.871 16.812
159.645 37841.414 44856.449
30502.389 29.152 26.426
1.021
1/6/2017 1:30:00 AM 99000.000 70.874 16.813
159.652 37850.918 44867.262
30509.738 29.160 26.419
1.021
1/6/2017 1:45:00 AM 99900.000 70.855 16.819
159.609 37879.453 44895.023
30528.617 29.180 26.400
1.021
1/6/2017 2:00:00 AM 100800.000 70.855 16.824
159.608 37870.004 44878.742
30517.545 29.168 26.406
1.021
1/6/2017 2:15:00 AM 101700.000 70.858 16.824
159.616 37858.121 44863.758
30507.357 29.158 26.414
1.021
1/6/2017 2:30:00 AM 102600.000 70.880 16.814
159.663 37868.457 44886.797
30523.023 29.174 26.407
1.021
1/6/2017 2:45:00 AM 103500.000 70.884 16.812
159.674 37856.961 44874.953
30514.971 29.165 26.415
1.021
1/6/2017 3:00:00 AM 104400.000 70.867 16.809
159.635 37853.133 44873.539
30514.010 29.164 26.418
1.021
1/6/2017 3:15:00 AM 105300.000 70.891 16.819
159.689 37865.238 44877.547
30516.732 29.167 26.409
1.021
1/6/2017 3:30:00 AM 106200.000 70.894 16.823
159.697 37859.199 44866.734
30509.381 29.160 26.414
1.021
1/6/2017 3:45:00 AM 107100.000 70.894 16.822
159.697 37872.348 44882.852
30520.342 29.171 26.404
1.021
1/6/2017 4:00:00 AM 108000.000 70.879 16.816
159.663 37855.375 44868.805
30510.787 29.161 26.416
1.021
1/6/2017 4:15:00 AM 108900.000 70.904 16.819

| | | | |
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| 159.717 | 37838.840 | 44846.168 | |
| 30495.396 | 29.145 | 26.428 | |
| 1.021 | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 70.894 | 16.818 |
| 159.695 | 37865.898 | 44879.488 | |
| 30518.055 | 29.169 | 26.409 | |
| 1.021 | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 70.898 | 16.821 |
| 159.705 | 37854.211 | 44862.695 | |
| 30506.633 | 29.157 | 26.417 | |
| 1.021 | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 70.917 | 16.825 |
| 159.748 | 37874.336 | 44882.355 | |
| 30520.004 | 29.171 | 26.403 | |
| 1.021 | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 70.921 | 16.817 |
| 159.755 | 37864.348 | 44878.363 | |
| 30517.289 | 29.168 | 26.410 | |
| 1.021 | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 70.909 | 16.821 |
| 159.729 | 37863.781 | 44873.598 | |
| 30514.047 | 29.165 | 26.410 | |
| 1.021 | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 70.931 | 16.817 |
| 159.780 | 37872.941 | 44888.902 | |
| 30524.455 | 29.175 | 26.404 | |
| 1.021 | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 70.938 | 16.814 |
| 159.796 | 37857.023 | 44873.340 | |
| 30513.873 | 29.164 | 26.415 | |
| 1.021 | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 70.923 | 16.822 |
| 159.761 | 37847.234 | 44853.090 | |
| 30500.104 | 29.150 | 26.422 | |
| 1.021 | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 70.924 | 16.808 |
| 159.764 | 37853.195 | 44874.863 | |
| 30514.910 | 29.165 | 26.418 | |
| 1.021 | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 70.950 | 16.811 |
| 159.821 | 37833.973 | 44848.602 | |
| 30497.049 | 29.146 | 26.431 | |
| 1.021 | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 70.928 | 16.813 |
| 159.773 | 37843.508 | 44857.590 | |
| 30503.164 | 29.153 | 26.425 | |
| 1.021 | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 70.947 | 16.813 |
| 159.814 | 37844.137 | 44858.418 | |
| 30503.727 | 29.153 | 26.424 | |
| 1.021 | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 70.931 | 16.820 |
| 159.780 | 37834.953 | 44840.848 | |
| 30491.779 | 29.141 | 26.431 | |
| 1.021 | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 70.937 | 16.815 |
| 159.793 | 37856.359 | 44871.652 | |

30512.727 29.163 26.416
1.021
1/6/2017 8:00:00 AM 122400.000 70.953 16.818
159.828 37857.965 44870.449
30511.908 29.162 26.415
1.021
1/6/2017 8:15:00 AM 123300.000 70.935 16.817
159.788 37870.480 44885.715
30522.289 29.173 26.406
1.021
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159.800 37827.094 44830.559
30484.781 29.133 26.436
1.021
1/6/2017 8:45:00 AM 125100.000 70.936 16.824
159.791 37879.891 44889.832
30525.088 29.176 26.399
1.021
1/6/2017 9:00:00 AM 126000.000 70.951 16.818
159.825 37858.566 44870.355
30511.842 29.162 26.414
1.021
1/6/2017 9:15:00 AM 126900.000 70.953 16.817
159.829 37882.840 44900.457
30532.313 29.184 26.397
1.021
1/6/2017 9:30:00 AM 127800.000 70.934 16.808
159.785 37871.555 44896.180
30529.404 29.180 26.405
1.021
1/6/2017 9:45:00 AM 128700.000 70.931 16.815
159.778 37866.723 44883.137
30520.535 29.171 26.408
1.021
1/6/2017 10:00:00 AM 129600.000 70.947
16.809 159.815 37849.469
44869.102 30510.992 29.161
26.420 1.021
1/6/2017 10:15:00 AM 130500.000 70.948
16.805 159.818 37851.180
44875.063 30515.045 29.165
26.419 1.021
1/6/2017 10:30:00 AM 131400.000 70.945
16.814 159.811 37835.047
44846.668 30495.734 29.145
26.431 1.021
1/6/2017 10:45:00 AM 132300.000 70.924
16.803 159.764 37858.508
44886.059 30522.520 29.173
26.414 1.021
1/6/2017 11:00:00 AM 133200.000 70.923
16.806 159.761 37836.809
44856.770 30502.605 29.152
26.429 1.021
1/6/2017 11:15:00 AM 134100.000 70.919
16.807 159.752 37878.414
44905.648 30535.844 29.187

26.400 1.021
1/6/2017 11:30:00 AM 135000.000 70.935
16.815 159.788 37830.379
44840.688 30491.668 29.140
26.434 1.021
1/6/2017 11:45:00 AM 135900.000 70.930
16.815 159.778 37857.055
44871.949 30512.928 29.163
26.415 1.021
1/6/2017 12:00:00 PM 136800.000 70.910
16.818 159.732 37865.109
44878.738 30517.543 29.168
26.410 1.021
1/6/2017 12:15:00 PM 137700.000 70.911
16.821 159.733 37858.285
44867.609 30509.975 29.160
26.414 1.021
1/6/2017 12:30:00 PM 138600.000 70.908
16.820 159.726 37870.578
44882.809 30520.311 29.171
26.406 1.021
1/6/2017 12:45:00 PM 139500.000 70.903
16.827 159.715 37855.758
44858.473 30503.764 29.154
26.416 1.021
1/6/2017 1:00:00 PM 140400.000 70.917 16.825
159.748 37881.344 44890.473
30525.521 29.177 26.398
1.021
1/6/2017 1:15:00 PM 141300.000 70.915 16.821
159.743 37850.957 44858.926
30504.072 29.154 26.419
1.021
1/6/2017 1:30:00 PM 142200.000 70.895 16.815
159.697 37833.504 44843.859
30493.826 29.143 26.432
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1/6/2017 1:45:00 PM 143100.000 70.911 16.820
159.735 37880.789 44895.172
30528.719 29.180 26.399
1.021
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159.732 37886.074 44890.125
30525.285 29.177 26.395
1.021
1/6/2017 2:15:00 PM 144900.000 70.893 16.820
159.693 37854.938 44864.270
30507.703 29.158 26.417
1.021
1/6/2017 2:30:00 PM 145800.000 70.892 16.823
159.692 37860.809 44868.109
30510.316 29.161 26.413
1.021
1/6/2017 2:45:00 PM 146700.000 70.892 16.810
159.690 37838.418 44855.109
30501.477 29.151 26.428
1.021

1/6/2017 3:00:00 PM 147600.000 70.891 16.818
159.688 37880.680 44896.648
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1.021
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30511.854 29.162 26.417
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159.718 37859.930 44876.438
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1.021
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1.021
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159.701 37868.746 44892.582
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1/6/2017 10:00:00 PM 172800.000 70.887
16.816 159.679 37840.633

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1/6/2017 10:15:00 PM 173700.000 70.892
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44886.039 30522.508 29.174
26.403 1.021
1/6/2017 10:30:00 PM 174600.000 70.908
16.809 159.728 37866.281
44888.684 30524.305 29.175
26.409 1.021
1/6/2017 10:45:00 PM 175500.000 70.890
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44865.977 30508.867 29.158
26.424 1.021
1/6/2017 11:00:00 PM 176400.000 70.906
16.808 159.722 37849.469
44870.445 30511.904 29.162
26.420 1.021
1/6/2017 11:15:00 PM 177300.000 70.902
16.814 159.714 37840.887
44853.676 30500.502 29.150
26.426 1.021
1/6/2017 11:30:00 PM 178200.000 70.882
16.816 159.669 37870.637
44887.242 30523.324 29.174
26.406 1.021
1/6/2017 11:45:00 PM 179100.000 70.887
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26.415 1.021
1/7/2017 12:00:00 AM 180000.000 70.882
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26.405 1.021
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26.420 1.021
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26.428 1.021
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26.431 1.021
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1.021
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1.021
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159.698 37882.461 44899.746
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1.021
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159.732 37857.934 44876.199
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1.021
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159.710 37853.355 44871.578
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1.021
1/7/2017 3:15:00 AM 191700.000 70.904 16.820
159.718 37868.676 44880.375
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1.021
1/7/2017 3:30:00 AM 192600.000 70.921 16.813
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1.021
1/7/2017 3:45:00 AM 193500.000 70.910 16.813
159.732 37836.434 44849.289
30497.518 29.147 26.430
1.021
1/7/2017 4:00:00 AM 194400.000 70.915 16.821
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1.021
1/7/2017 4:15:00 AM 195300.000 70.918 16.814
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30513.992 29.164 26.415
1.021
1/7/2017 4:30:00 AM 196200.000 70.943 16.813
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1.021
1/7/2017 4:45:00 AM 197100.000 70.935 16.807
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1.021
1/7/2017 5:00:00 AM 198000.000 70.958 16.806
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1.021

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1.021
1/7/2017 5:30:00 AM 199800.000 70.964 16.811
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1.021
1/7/2017 5:45:00 AM 200700.000 70.955 16.810
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1.021
1/7/2017 6:00:00 AM 201600.000 70.961 16.812
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1.021
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1.021
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1.021
1/7/2017 6:45:00 AM 204300.000 70.997 16.815
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1.021
1/7/2017 7:00:00 AM 205200.000 70.999 16.822
159.931 37862.988 44871.496
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1.021
1/7/2017 7:15:00 AM 206100.000 70.984 16.816
159.899 37857.305 44871.711
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1.021
1/7/2017 7:30:00 AM 207000.000 70.995 16.813
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1.021
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1.021
1/7/2017 8:00:00 AM 208800.000 71.012 16.810
159.961 37841.867 44859.473
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1.021
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159.974 37855.410 44879.535
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1.021
1/7/2017 8:30:00 AM 210600.000 71.005 16.801
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1.021
1/7/2017 8:45:00 AM 211500.000 71.020 16.806

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1.021
1/7/2017 9:00:00 AM 212400.000 71.006 16.809
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1.021
1/7/2017 9:15:00 AM 213300.000 71.016 16.808
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1.021
1/7/2017 9:30:00 AM 214200.000 71.004 16.809
159.944 37849.508 44869.328
30511.145 29.161 26.420
1.021
1/7/2017 9:45:00 AM 215100.000 71.018 16.809
159.975 37884.996 44910.777
30539.330 29.191 26.396
1.021
1/7/2017 10:00:00 AM 216000.000 71.012
16.807 159.961 37839.902
44859.461 30504.436 29.154
26.427 1.021
1/7/2017 10:15:00 AM 216900.000 70.998
16.810 159.930 37870.793
44893.055 30527.279 29.178
26.406 1.021
1/7/2017 10:30:00 AM 217800.000 70.998
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44879.477 30518.045 29.168
26.411 1.021
1/7/2017 10:45:00 AM 218700.000 70.994
16.813 159.920 37853.484
44869.500 30511.262 29.161
26.418 1.021
1/7/2017 11:00:00 AM 219600.000 71.003
16.808 159.940 37874.660
44900.125 30532.088 29.183
26.403 1.021
1/7/2017 11:15:00 AM 220500.000 71.006
16.813 159.947 37851.402
44867.559 30509.941 29.160
26.419 1.021
1/7/2017 11:30:00 AM 221400.000 70.996
16.811 159.926 37888.246
44913.289 30541.039 29.193
26.393 1.021
1/7/2017 11:45:00 AM 222300.000 70.996
16.807 159.926 37844.672
44865.020 30508.215 29.158
26.424 1.021
1/7/2017 12:00:00 PM 223200.000 70.982
16.809 159.895 37864.008
44886.891 30523.086 29.173
26.410 1.021
1/7/2017 12:15:00 PM 224100.000 70.974
16.820 159.875 37881.383

44895.875 30529.197 29.181
26.398 1.021
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16.819 159.875 37845.871
44855.223 30501.553 29.151
26.423 1.021
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16.814 159.900 37856.359
44872.383 30513.223 29.163
26.416 1.021
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1.021
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1.021
1/7/2017 1:30:00 PM 228600.000 70.973 16.825
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30528.115 29.180 26.396
1.021
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30507.297 29.157 26.422
1.021
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159.829 37845.746 44862.816
30506.715 29.156 26.423
1.021
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30516.010 29.166 26.413
1.021
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30497.355 29.146 26.432
1.021
1/7/2017 2:45:00 PM 233100.000 70.953 16.816
159.829 37871.941 44889.145
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1.021
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159.799 37866.398 44887.125
30523.246 29.174 26.409
1.021
1/7/2017 3:15:00 PM 234900.000 70.949 16.821
159.820 37881.691 44895.527
30528.961 29.180 26.398
1.021
1/7/2017 3:30:00 PM 235800.000 70.928 16.823
159.773 37868.609 44877.625
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1.021
1/7/2017 3:45:00 PM 236700.000 70.949 16.812
159.820 37872.246 44892.816
30527.117 29.178 26.405

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159.774 37863.715 44877.883
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1.021
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159.765 37882.773 44904.848
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1.021
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159.817 37859.988 44865.715
30508.686 29.159 26.413
1.021
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159.765 37861.945 44877.398
30516.633 29.167 26.412
1.021
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1.021
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159.804 37880.754 44896.652
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1.021
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159.777 37845.465 44855.008
30501.408 29.151 26.423
1.021
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159.785 37865.930 44888.266
30524.023 29.174 26.409
1.021
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159.815 37872.156 44890.656
30525.648 29.176 26.405
1.021
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159.786 37832.836 44842.270
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159.817 37865.707 44879.449
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1.021
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30505.527 29.155 26.427
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159.796 37851.684 44875.473
30515.324 29.165 26.419
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159.802 37845.371 44857.395
30503.031 29.153 26.423
1.021

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1.021
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159.829 37857.652 44868.117
30510.322 29.161 26.415
1.021
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159.842 37870.602 44882.836
30520.330 29.171 26.406
1.021
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159.807 37876.395 44893.617
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1.021
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159.857 37871.148 44892.043
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1.021
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159.821 37860.117 44877.277
30516.551 29.167 26.413
1.021
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159.826 37840.316 44852.008
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1.021
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159.826 37855.281 44869.848
30511.498 29.162 26.416
1.021
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159.832 37882.086 44897.602
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1.021
1/7/2017 9:45:00 PM 258300.000 70.976 16.822
159.881 37883.848 44896.395
30529.551 29.181 26.396
1.021
1/7/2017 10:00:00 PM 259200.000 70.957
16.818 159.837 37873.992
44888.723 30524.334 29.175
26.403 1.021
1/7/2017 10:15:00 PM 260100.000 70.972
16.823 159.871 37877.840
44888.730 30524.340 29.176
26.401 1.021
1/7/2017 10:30:00 PM 261000.000 70.957
16.816 159.839 37848.207
44860.926 30505.430 29.155
26.421 1.021
1/7/2017 10:45:00 PM 261900.000 70.961
16.813 159.846 37868.363
44887.840 30523.730 29.174
26.407 1.021
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16.822 159.880 37855.473
44863.480 30507.170 29.157
26.416 1.021
1/7/2017 11:15:00 PM 263700.000 70.961
16.811 159.846 37853.703
44872.078 30513.016 29.163
26.417 1.021
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16.820 159.888 37875.789
44889.426 30524.813 29.176
26.402 1.021
1/7/2017 11:45:00 PM 265500.000 70.957
16.819 159.839 37876.418
44890.969 30525.861 29.177
26.402 1.021
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16.821 159.881 37863.465
44873.750 30514.152 29.165
26.411 1.021
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16.814 159.878 37854.938
44870.070 30511.650 29.162
26.417 1.021
1/8/2017 12:30:00 AM 268200.000 70.959
16.816 159.842 37899.820
44921.383 30546.543 29.199
26.385 1.021
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44881.809 30519.633 29.170
26.408 1.021
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1.021
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1.021
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159.885 37863.813 44882.633
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159.883 37866.430 44880.117

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1.021
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159.937 37873.727 44881.277
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1.021
1/8/2017 3:30:00 AM 279000.000 70.989 16.820
159.909 37882.930 44897.625
30530.387 29.182 26.397
1.021
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159.916 37869.156 44887.371
30523.412 29.174 26.407
1.021
1/8/2017 4:00:00 AM 280800.000 71.012 16.815
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1.021
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1.021

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1/8/2017 10:45:00 AM 305100.000 71.104
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26.412 1.021
1/8/2017 11:00:00 AM 306000.000 71.085
16.812 160.126 37855.281
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1.021
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1.021
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1.021
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1.021
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1/8/2017 5:15:00 PM 328500.000 71.015 16.807
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1.021
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1.021
1/8/2017 6:15:00 PM 332100.000 71.020 16.822
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1.021
1/8/2017 6:30:00 PM 333000.000 71.001 16.817
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1.021
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1.021
1/8/2017 7:00:00 PM 334800.000 71.008 16.820
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1.021
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1.021
1/8/2017 7:30:00 PM 336600.000 71.011 16.816
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1.021
1/8/2017 7:45:00 PM 337500.000 71.013 16.813
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1.021
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1.021
1/8/2017 8:15:00 PM 339300.000 71.014 16.814
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30520.873 29.171 26.409

1.021
1/8/2017 8:30:00 PM 340200.000 71.033 16.824
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1.021
1/8/2017 8:45:00 PM 341100.000 71.037 16.815
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1.021
1/8/2017 9:00:00 PM 342000.000 71.036 16.819
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1.021
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1.021
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160.001 37856.328 44869.578
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1.021
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1.021
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16.820 160.038 37846.281
44854.641 30501.158 29.151
26.423 1.021
1/8/2017 10:15:00 PM 346500.000 71.033
16.817 160.010 37885.086
44903.570 30534.430 29.186
26.396 1.021
1/8/2017 10:30:00 PM 347400.000 71.048
16.805 160.042 37850.988
44874.836 30514.891 29.165
26.419 1.021
1/8/2017 10:45:00 PM 348300.000 71.038
16.813 160.021 37879.770
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1/8/2017 11:00:00 PM 349200.000 71.048
16.809 160.043 37888.695
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16.819 160.059 37885.625
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26.395 1.021

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44870.457 30511.912 29.162
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16.812 160.027 37855.031
44872.664 30513.414 29.163
26.417 1.021
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16.815 160.060 37873.258
44891.605 30526.295 29.177
26.404 1.021
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16.816 160.070 37891.852
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26.391 1.021
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30509.613 29.160 26.417
1.021
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1.021
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1.021
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30497.965 29.147 26.431
1.021
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1.021
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1.021
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1.021
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30521.609 29.173 26.405
1.021
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1.021
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1.021
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1.021
1/9/2017 4:15:00 AM 368100.000 71.048 16.821
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30525.643 29.177 26.400
1.021
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1.021
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1.021
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1.021
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1.021
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1.021
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1.021
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1.021
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30509.578 29.159 26.421
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1.021
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30501.529 29.151 26.422
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30507.830 29.158 26.419
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1/9/2017 9:15:00 AM 386100.000 71.133 16.814
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30519.715 29.170 26.410
1.021
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30513.527 29.164 26.414
1.021
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30504.723 29.154 26.421
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44883.012 30520.451 29.171
26.414 1.021
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44863.531 30507.203 29.157
26.418 1.021
1/9/2017 10:30:00 AM 390600.000 71.160
16.823 160.295 37878.211
44889.172 30524.637 29.176

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16.821 160.252 37865.105
44875.609 30515.416 29.166
26.410 1.021
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44872.160 30513.068 29.163
26.417 1.021
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16.828 160.249 37877.848
44883.945 30521.086 29.172
26.401 1.021
1/9/2017 11:30:00 AM 394200.000 71.139
16.817 160.249 37876.895
44893.863 30527.830 29.179
26.401 1.021
1/9/2017 11:45:00 AM 395100.000 71.152
16.812 160.278 37844.293
44860.293 30505.002 29.154
26.424 1.021
1/9/2017 12:00:00 PM 396000.000 71.149
16.807 160.270 37860.969
44885.328 30522.023 29.172
26.412 1.021
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16.814 160.280 37842.777
44856.453 30502.391 29.152
26.425 1.021
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16.821 160.223 37875.883
44888.559 30524.221 29.175
26.402 1.021
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16.821 160.213 37878.414
44891.211 30526.025 29.177
26.400 1.021
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1.021
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1.021
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1.021

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1.021
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30506.348 29.156 26.417
1.021
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1.021
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1.021
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1.021
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1.021
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1/9/2017 5:15:00 PM 414900.000 71.022 16.816
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30516.000 29.166 26.412
1.021
1/9/2017 5:45:00 PM 416700.000 71.029 16.815

159.999 37881.605 44901.406
30532.959 29.184 26.398
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159.971 37861.539 44867.723
30510.051 29.161 26.412
1.021
1/9/2017 6:15:00 PM 418500.000 71.030 16.810
160.001 37849.156 44867.754
30510.074 29.160 26.421
1.021
1/9/2017 6:30:00 PM 419400.000 71.009 16.815
159.954 37878.949 44897.902
30530.574 29.182 26.400
1.021
1/9/2017 6:45:00 PM 420300.000 71.027 16.815
159.995 37896.594 44918.902
30544.855 29.197 26.388
1.021
1/9/2017 7:00:00 PM 421200.000 71.010 16.814
159.956 37877.594 44897.102
30530.031 29.181 26.401
1.021
1/9/2017 7:15:00 PM 422100.000 71.012 16.815
159.962 37859.266 44874.570
30514.711 29.165 26.414
1.021
1/9/2017 7:30:00 PM 423000.000 71.007 16.818
159.949 37894.477 44913.816
30541.395 29.193 26.389
1.021
1/9/2017 7:45:00 PM 423900.000 71.013 16.829
159.964 37853.734 44853.402
30500.316 29.150 26.417
1.021
1/9/2017 8:00:00 PM 424800.000 71.011 16.814
159.959 37856.770 44872.238
30513.125 29.163 26.415
1.021
1/9/2017 8:15:00 PM 425700.000 71.015 16.811
159.968 37865.430 44886.070
30522.529 29.173 26.409
1.021
1/9/2017 8:30:00 PM 426600.000 71.021 16.810
159.983 37841.543 44858.461
30503.756 29.153 26.426
1.021
1/9/2017 8:45:00 PM 427500.000 71.040 16.821
160.024 37880.883 44894.137
30528.016 29.179 26.399
1.021
1/9/2017 9:00:00 PM 428400.000 71.022 16.817
159.984 37834.039 44842.617
30492.982 29.142 26.431
1.021
1/9/2017 9:15:00 PM 429300.000 71.024 16.814
159.988 37847.453 44861.648

30505.924 29.156 26.422
1.021
1/9/2017 9:30:00 PM 430200.000 71.026 16.817
159.993 37888.281 44906.906
30536.699 29.188 26.393
1.021
1/9/2017 9:45:00 PM 431100.000 71.032 16.824
160.006 37880.875 44890.816
30525.758 29.177 26.399
1.021
1/9/2017 10:00:00 PM 432000.000 71.050
16.809 160.047 37867.699
44890.715 30525.686 29.176
26.408 1.021
1/9/2017 10:15:00 PM 432900.000 71.037
16.813 160.018 37867.922
44886.699 30522.957 29.174
26.408 1.021
1/9/2017 10:30:00 PM 433800.000 71.058
16.819 160.065 37855.695
44866.773 30509.406 29.159
26.416 1.021
1/9/2017 10:45:00 PM 434700.000 71.061
16.819 160.071 37843.445
44851.891 30499.287 29.149
26.425 1.021
1/9/2017 11:00:00 PM 435600.000 71.043
16.817 160.030 37868.293
44882.859 30520.346 29.171
26.407 1.021
1/9/2017 11:15:00 PM 436500.000 71.062
16.818 160.074 37884.824
44901.559 30533.063 29.185
26.396 1.021
1/9/2017 11:30:00 PM 437400.000 71.052
16.810 160.051 37856.988
44877.039 30516.389 29.166
26.415 1.021
1/9/2017 11:45:00 PM 438300.000 71.067
16.819 160.086 37885.391
44901.340 30532.914 29.184
26.395 1.021
1/10/2017 12:00:00 AM 439200.000 71.071
16.824 160.094 37870.352
44878.441 30517.342 29.168
26.406 1.021
1/10/2017 12:15:00 AM 440100.000 71.070
16.821 160.092 37873.488
44885.629 30522.230 29.173
26.404 1.021
1/10/2017 12:30:00 AM 441000.000 71.057
16.824 160.062 37884.324
44894.902 30528.533 29.180
26.396 1.021
1/10/2017 12:45:00 AM 441900.000 71.060
16.814 160.069 37857.270
44873.715 30514.127 29.164

26.415 1.021
1/10/2017 1:00:00 AM 442800.000 71.062
16.812 160.073 37852.344
44869.039 30510.947 29.161
26.418 1.021
1/10/2017 1:15:00 AM 443700.000 71.060
16.809 160.070 37850.547
44870.750 30512.111 29.162
26.420 1.021
1/10/2017 1:30:00 AM 444600.000 71.057
16.809 160.063 37867.547
44890.184 30525.326 29.176
26.408 1.021
1/10/2017 1:45:00 AM 445500.000 71.078
16.816 160.110 37853.516
44867.305 30509.770 29.160
26.418 1.021
1/10/2017 2:00:00 AM 446400.000 71.060
16.805 160.069 37839.301
44860.980 30505.469 29.155
26.428 1.021
1/10/2017 2:15:00 AM 447300.000 71.074
16.813 160.101 37848.180
44863.664 30507.291 29.157
26.421 1.021
1/10/2017 2:30:00 AM 448200.000 71.073
16.822 160.100 37879.809
44892.223 30526.713 29.178
26.399 1.021
1/10/2017 2:45:00 AM 449100.000 71.081
16.812 160.116 37849.594
44866.043 30508.910 29.159
26.420 1.021
1/10/2017 3:00:00 AM 450000.000 71.060
16.816 160.070 37870.605
44887.477 30523.484 29.174
26.406 1.021
1/10/2017 3:15:00 AM 450900.000 71.080
16.805 160.114 37844.070
44867.160 30509.672 29.159
26.424 1.021
1/10/2017 3:30:00 AM 451800.000 71.063
16.810 160.075 37859.102
44879.629 30518.150 29.168
26.414 1.021
1/10/2017 3:45:00 AM 452700.000 71.061
16.808 160.072 37857.840
44879.750 30518.232 29.168
26.415 1.021
1/10/2017 4:00:00 AM 453600.000 71.065
16.810 160.081 37833.332
44848.551 30497.018 29.146
26.432 1.021
1/10/2017 4:15:00 AM 454500.000 71.082
16.810 160.118 37852.313
44871.414 30512.564 29.162
26.418 1.021

1/10/2017 4:30:00 AM 455400.000 71.069
16.816 160.090 37882.484
44901.465 30532.998 29.184
26.397 1.021
1/10/2017 4:45:00 AM 456300.000 71.089
16.814 160.136 37866.211
44883.781 30520.971 29.172
26.409 1.021
1/10/2017 5:00:00 AM 457200.000 71.076
16.814 160.107 37880.906
44900.926 30532.631 29.184
26.399 1.021
1/10/2017 5:15:00 AM 458100.000 71.096
16.812 160.150 37854.465
44871.816 30512.836 29.163
26.417 1.021
1/10/2017 5:30:00 AM 459000.000 71.083
16.813 160.122 37841.992
44856.148 30502.184 29.152
26.426 1.021
1/10/2017 5:45:00 AM 459900.000 71.103
16.821 160.166 37882.020
44895.113 30528.680 29.180
26.398 1.021
1/10/2017 6:00:00 AM 460800.000 71.109
16.823 160.180 37879.418
44889.973 30525.184 29.177
26.400 1.021
1/10/2017 6:15:00 AM 461700.000 71.112
16.819 160.186 37872.754
44887.082 30523.219 29.174
26.404 1.021
1/10/2017 6:30:00 AM 462600.000 71.115
16.815 160.193 37860.367
44876.145 30515.781 29.166
26.413 1.021
1/10/2017 6:45:00 AM 463500.000 71.107
16.815 160.176 37886.031
44906.383 30536.340 29.188
26.395 1.021
1/10/2017 7:00:00 AM 464400.000 71.112
16.810 160.186 37844.805
44862.516 30506.514 29.156
26.424 1.021
1/10/2017 7:15:00 AM 465300.000 71.119
16.813 160.202 37853.105
44869.578 30511.314 29.161
26.418 1.021
1/10/2017 7:30:00 AM 466200.000 71.139
16.809 160.247 37881.383
44907.215 30536.906 29.188
26.398 1.021
1/10/2017 7:45:00 AM 467100.000 71.130
16.808 160.227 37863.625
44887.043 30523.191 29.174
26.411 1.021
1/10/2017 8:00:00 AM 468000.000 71.154

16.815 160.282 37884.676
44904.867 30535.313 29.187
26.396 1.021
1/10/2017 8:15:00 AM 468900.000 71.143
16.817 160.258 37883.305
44900.746 30532.510 29.184
26.397 1.021
1/10/2017 8:30:00 AM 469800.000 71.148
16.819 160.267 37869.367
44882.527 30520.121 29.171
26.407 1.021
1/10/2017 8:45:00 AM 470700.000 71.155
16.817 160.283 37855.129
44867.438 30509.859 29.160
26.417 1.021
1/10/2017 9:00:00 AM 471600.000 71.175
16.817 160.328 37865.016
44879.508 30518.068 29.169
26.410 1.021
1/10/2017 9:15:00 AM 472500.000 71.165
16.812 160.305 37873.133
44893.945 30527.883 29.179
26.404 1.021
1/10/2017 9:30:00 AM 473400.000 71.185
16.812 160.352 37847.832
44863.879 30507.439 29.157
26.422 1.021
1/10/2017 9:45:00 AM 474300.000 71.189
16.819 160.359 37877.398
44892.586 30526.961 29.178
26.401 1.021
1/10/2017 10:00:00 AM 475200.000 71.176
16.805 160.330 37852.281
44876.809 30516.232 29.166
26.418 1.021
1/10/2017 10:15:00 AM 476100.000 71.181
16.821 160.343 37865.516
44875.652 30515.445 29.166
26.409 1.021
1/10/2017 10:30:00 AM 477000.000 71.201
16.827 160.387 37870.855
44876.449 30515.988 29.167
26.406 1.021
1/10/2017 10:45:00 AM 477900.000 71.186
16.813 160.352 37847.703
44862.918 30506.787 29.156
26.422 1.021
1/10/2017 11:00:00 AM 478800.000 71.190
16.820 160.363 37864.094
44875.301 30515.207 29.166
26.410 1.021
1/10/2017 11:15:00 AM 479700.000 71.192
16.815 160.367 37841.418
44853.500 30500.381 29.150
26.426 1.021
1/10/2017 11:30:00 AM 480600.000 71.191
16.815 160.364 37838.391

44849.555 30497.697 29.147
26.428 1.021
1/10/2017 11:45:00 AM 481500.000 71.192
16.814 160.366 37846.789
44861.387 30505.744 29.155
26.422 1.021
1/10/2017 12:00:00 PM 482400.000 71.192
16.819 160.367 37888.211
44905.043 30535.432 29.187
26.393 1.021
1/10/2017 12:15:00 PM 483300.000 71.190
16.816 160.363 37856.547
44870.457 30511.912 29.162
26.416 1.021
1/10/2017 12:30:00 PM 484200.000 71.208
16.808 160.402 37881.121
44907.520 30537.115 29.188
26.398 1.021
1/10/2017 12:45:00 PM 485100.000 71.201
16.811 160.388 37841.484
44857.766 30503.283 29.153
26.426 1.021
1/10/2017 1:00:00 PM 486000.000 71.197
16.822 160.378 37880.270
44892.063 30526.605 29.178
26.399 1.021
1/10/2017 1:15:00 PM 486900.000 71.192
16.816 160.368 37882.770
44901.895 30533.291 29.185
26.397 1.021
1/10/2017 1:30:00 PM 487800.000 71.178
16.818 160.336 37885.203
44902.637 30533.795 29.185
26.396 1.021
1/10/2017 1:45:00 PM 488700.000 71.187
16.814 160.356 37861.852
44878.266 30517.221 29.168
26.412 1.021
1/10/2017 2:00:00 PM 489600.000 71.183
16.815 160.346 37867.063
44884.340 30521.354 29.172
26.408 1.021
1/10/2017 2:15:00 PM 490500.000 71.176
16.805 160.332 37836.406
44857.988 30503.434 29.152
26.430 1.021
1/10/2017 2:30:00 PM 491400.000 71.158
16.813 160.291 37866.941
44885.367 30522.053 29.173
26.408 1.021
1/10/2017 2:45:00 PM 492300.000 71.150
16.812 160.271 37858.977
44877.266 30516.543 29.167
26.414 1.021
1/10/2017 3:00:00 PM 493200.000 71.141
16.812 160.253 37850.320
44866.828 30509.445 29.159

| | | | | |
|---|---|---|---|---|
| 26.420 | 1.021 | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 71.137 | | |
| 16.808 | 160.244 | 37860.527 | | |
| 44883.648 | 30520.881 | 29.171 | | |
| 26.413 | 1.021 | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 71.128 | | |
| 16.817 | 160.223 | 37856.328 | | |
| 44869.391 | 30511.188 | 29.161 | | |
| 26.416 | 1.021 | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 71.126 | | |
| 16.813 | 160.219 | 37858.156 | | |
| 44875.309 | 30515.213 | 29.165 | | |
| 26.414 | 1.021 | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 71.118 | | |
| 16.812 | 160.201 | 37869.789 | | |
| 44890.160 | 30525.311 | 29.176 | | |
| 26.406 | 1.021 | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 71.115 | | |
| 16.818 | 160.194 | 37884.637 | | |
| 44901.434 | 30532.977 | 29.185 | | |
| 26.396 | 1.021 | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 71.122 | | |
| 16.818 | 160.209 | 37835.992 | | |
| 44844.129 | 30494.010 | 29.143 | | |
| 26.430 | 1.021 | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 71.118 | | |
| 16.820 | 160.200 | 37873.289 | | |
| 44886.105 | 30522.555 | 29.174 | | |
| 26.404 | 1.021 | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 71.100 | | |
| 16.819 | 160.160 | 37860.238 | | |
| 44871.793 | 30512.820 | 29.163 | | |
| 26.413 | 1.021 | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 71.095 | | |
| 16.813 | 160.148 | 37880.754 | | |
| 44902.629 | 30533.789 | 29.185 | | |
| 26.399 | 1.021 | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 71.106 | | |
| 16.816 | 160.173 | 37878.188 | | |
| 44896.465 | 30529.596 | 29.181 | | |
| 26.400 | 1.021 | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 71.090 | | |
| 16.814 | 160.137 | 37856.547 | | |
| 44872.773 | 30513.486 | 29.164 | | |
| 26.416 | 1.021 | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 71.086 | | |
| 16.817 | 160.127 | 37843.762 | | |
| 44854.316 | 30500.936 | 29.150 | | |
| 26.424 | 1.021 | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 71.083 | | |
| 16.824 | 160.120 | 37868.422 | | |
| 44876.238 | 30515.842 | 29.167 | | |
| 26.407 | 1.021 | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 71.096 | | |
| 16.815 | 160.152 | 37849.281 | | |
| 44863.090 | 30506.904 | 29.157 | | |
| 26.421 | 1.021 | | | |

1/10/2017 6:45:00 PM 506700.000 71.096
16.828 160.152 37868.961
44873.313 30513.855 29.165
26.407 1.021
1/10/2017 7:00:00 PM 507600.000 71.077
16.822 160.109 37867.258
44877.445 30516.666 29.167
26.408 1.021
1/10/2017 7:15:00 PM 508500.000 71.097
16.807 160.153 37878.641
44905.289 30535.600 29.187
26.400 1.021
1/10/2017 7:30:00 PM 509400.000 71.091
16.813 160.140 37857.113
44874.605 30514.734 29.165
26.415 1.021
1/10/2017 7:45:00 PM 510300.000 71.099
16.822 160.157 37853.645
44861.043 30505.510 29.156
26.418 1.021
1/10/2017 8:00:00 PM 511200.000 71.087
16.827 160.131 37860.211
44863.836 30507.410 29.158
26.413 1.021
1/10/2017 8:15:00 PM 512100.000 71.099
16.818 160.157 37871.301
44886.348 30522.719 29.174
26.405 1.021
1/10/2017 8:30:00 PM 513000.000 71.091
16.827 160.140 37890.359
44899.473 30531.645 29.184
26.392 1.021
1/10/2017 8:45:00 PM 513900.000 71.117
16.823 160.199 37851.523
44857.188 30502.889 29.153
26.419 1.021
1/10/2017 9:00:00 PM 514800.000 71.100
16.812 160.161 37861.320
44880.477 30518.727 29.169
26.412 1.021
1/10/2017 9:15:00 PM 515700.000 71.102
16.819 160.164 37861.219
44873.410 30513.922 29.164
26.412 1.021
1/10/2017 9:30:00 PM 516600.000 71.108
16.817 160.178 37920.570
44945.082 30562.658 29.216
26.371 1.021
1/10/2017 9:45:00 PM 517500.000 71.113
16.811 160.190 37872.914
44895.207 30528.742 29.180
26.404 1.021
1/10/2017 10:00:00 PM 518400.000 71.132
16.815 160.232 37866.977
44883.609 30520.857 29.171
26.408 1.021
1/10/2017 10:15:00 PM 519300.000 71.123

16.812 160.212 37873.168
44893.910 30527.861 29.179
26.404 1.021
1/10/2017 10:30:00 PM 520200.000 71.120
16.813 160.205 37859.867
44877.242 30516.527 29.167
26.413 1.021
1/10/2017 10:45:00 PM 521100.000 71.143
16.811 160.257 37839.848
44855.652 30501.844 29.151
26.427 1.021
1/10/2017 11:00:00 PM 522000.000 71.147
16.817 160.266 37850.512
44862.320 30506.381 29.156
26.420 1.021
1/10/2017 11:15:00 PM 522900.000 71.133
16.820 160.233 37875.566
44889.348 30524.758 29.176
26.402 1.021
1/10/2017 11:30:00 PM 523800.000 71.157
16.814 160.288 37856.102
44871.898 30512.893 29.163
26.416 1.021
1/10/2017 11:45:00 PM 524700.000 71.139
16.815 160.249 37848.367
44861.922 30506.109 29.156
26.421 1.021
1/11/2017 12:00:00 AM 525600.000 71.146
16.810 160.262 37830.465
44845.250 30494.770 29.143
26.434 1.021
1/11/2017 12:15:00 AM 526500.000 71.162
16.813 160.300 37859.418
44876.805 30516.229 29.166
26.414 1.021
1/11/2017 12:30:00 AM 527400.000 71.167
16.819 160.311 37852.883
44863.348 30507.078 29.157
26.418 1.021
1/11/2017 12:45:00 AM 528300.000 71.151
16.822 160.275 37860.906
44869.820 30511.480 29.162
26.412 1.021
1/11/2017 1:00:00 AM 529200.000 71.157
16.806 160.288 37855.758
44879.598 30518.129 29.168
26.416 1.021
1/11/2017 1:15:00 AM 530100.000 71.158
16.811 160.290 37876.262
44898.816 30531.197 29.182
26.402 1.021
1/11/2017 1:30:00 AM 531000.000 71.155
16.807 160.283 37841.516
44861.375 30505.736 29.155
26.426 1.021
1/11/2017 1:45:00 AM 531900.000 71.157
16.820 160.289 37878.957

44893.367 30527.492 29.179
26.400 1.021
1/11/2017 2:00:00 AM 532800.000 71.158
16.813 160.291 37857.746
44874.637 30514.756 29.165
26.415 1.021
1/11/2017 2:15:00 AM 533700.000 71.174
16.819 160.327 37879.969
44894.652 30528.363 29.180
26.399 1.021
1/11/2017 2:30:00 AM 534600.000 71.175
16.818 160.329 37880.809
44897.523 30530.316 29.182
26.399 1.021
1/11/2017 2:45:00 AM 535500.000 71.161
16.814 160.297 37856.828
44872.309 30513.172 29.163
26.415 1.021
1/11/2017 3:00:00 AM 536400.000 71.161
16.816 160.298 37875.031
44892.723 30527.053 29.178
26.403 1.021
1/11/2017 3:15:00 AM 537300.000 71.163
16.813 160.302 37874.395
44894.285 30528.115 29.179
26.403 1.021
1/11/2017 3:30:00 AM 538200.000 71.176
16.817 160.331 37868.301
44883.316 30520.658 29.171
26.407 1.021
1/11/2017 3:45:00 AM 539100.000 71.179
16.818 160.337 37867.352
44881.211 30519.227 29.170
26.408 1.021
1/11/2017 4:00:00 AM 540000.000 71.177
16.830 160.333 37900.070
44908.215 30537.588 29.190
26.385 1.021
1/11/2017 4:15:00 AM 540900.000 71.166
16.819 160.309 37864.602
44877.059 30516.400 29.167
26.410 1.021
1/11/2017 4:30:00 AM 541800.000 71.178
16.809 160.336 37859.703
44881.145 30519.178 29.169
26.413 1.021
1/11/2017 4:45:00 AM 542700.000 71.181
16.808 160.341 37860.465
44883.031 30520.463 29.171
26.413 1.021
1/11/2017 5:00:00 AM 543600.000 71.183
16.814 160.347 37860.367
44876.504 30516.025 29.166
26.413 1.021
1/11/2017 5:15:00 AM 544500.000 71.174
16.813 160.326 37871.746
44891.672 30526.338 29.177

| | | | | | |
|---|---|---|---|---|---|
| 26.405 | | 1.021 | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | | 71.176 | | |
| 16.814 | | 160.332 | | 37895.891 | |
| 44918.789 | | 30544.779 | | 29.197 | |
| 26.388 | | 1.021 | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | | 71.191 | | |
| 16.819 | | 160.365 | | 37880.625 | |
| 44895.871 | | 30529.193 | | 29.181 | |
| 26.399 | | 1.021 | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | | 71.190 | | |
| 16.814 | | 160.363 | | 37853.484 | |
| 44869.145 | | 30511.021 | | 29.161 | |
| 26.418 | | 1.021 | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | | 71.181 | | |
| 16.809 | | 160.343 | | 37854.965 | |
| 44875.711 | | 30515.486 | | 29.165 | |
| 26.417 | | 1.021 | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | | 71.202 | | |
| 16.820 | | 160.390 | | 37858.250 | |
| 44868.547 | | 30510.613 | | 29.161 | |
| 26.414 | | 1.021 | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | | 71.204 | | |
| 16.818 | | 160.394 | | 37879.078 | |
| 44894.938 | | 30528.561 | | 29.180 | |
| 26.400 | | 1.021 | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | | 71.206 | | |
| 16.825 | | 160.398 | | 37903.688 | |
| 44916.953 | | 30543.531 | | 29.196 | |
| 26.383 | | 1.021 | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | | 71.194 | | |
| 16.822 | | 160.372 | | 37881.918 | |
| 44894.105 | | 30527.994 | | 29.179 | |
| 26.398 | | 1.021 | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | | 71.201 | | |
| 16.815 | | 160.386 | | 37868.930 | |
| 44885.926 | | 30522.430 | | 29.173 | |
| 26.407 | | 1.021 | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | | 71.203 | | |
| 16.814 | | 160.392 | | 37859.609 | |
| 44875.953 | | 30515.650 | | 29.166 | |
| 26.413 | | 1.021 | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | | 71.210 | | |
| 16.808 | | 160.407 | | 37863.969 | |
| 44886.918 | | 30523.107 | | 29.173 | |
| 26.410 | | 1.021 | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | | 71.233 | | |
| 16.809 | | 160.459 | | 37834.035 | |
| 44850.457 | | 30498.313 | | 29.147 | |
| 26.431 | | 1.021 | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | | 71.224 | | |
| 16.814 | | 160.439 | | 37866.656 | |
| 44884.758 | | 30521.637 | | 29.172 | |
| 26.408 | | 1.021 | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | | 71.245 | | |
| 16.810 | | 160.487 | | 37868.898 | |
| 44890.891 | | 30525.809 | | 29.176 | |
| 26.407 | | 1.021 | | | |

1/11/2017 9:00:00 AM 558000.000 71.235
16.813 160.464 37870.031
44889.293 30524.721 29.175
26.406 1.021
1/11/2017 9:15:00 AM 558900.000 71.255
16.816 160.508 37865.961
44881.973 30519.742 29.170
26.409 1.021
1/11/2017 9:30:00 AM 559800.000 71.246
16.809 160.489 37855.473
44876.219 30515.828 29.166
26.416 1.021
1/11/2017 9:45:00 AM 560700.000 71.268
16.816 160.539 37867.129
44882.637 30520.195 29.171
26.408 1.021
1/11/2017 10:00:00 AM 561600.000 71.261
16.816 160.523 37897.172
44918.695 30544.715 29.197
26.387 1.021
1/11/2017 10:15:00 AM 562500.000 71.259
16.810 160.519 37860.242
44880.719 30518.891 29.169
26.413 1.021
1/11/2017 10:30:00 AM 563400.000 71.265
16.816 160.532 37892.609
44913.387 30541.105 29.193
26.390 1.021
1/11/2017 10:45:00 AM 564300.000 71.285
16.813 160.576 37854.430
44870.535 30511.967 29.162
26.417 1.021
1/11/2017 11:00:00 AM 565200.000 71.276
16.812 160.557 37840.441
44855.551 30501.777 29.151
26.427 1.021
1/11/2017 11:15:00 AM 566100.000 71.278
16.805 160.562 37837.574
44858.668 30503.896 29.153
26.429 1.021
1/11/2017 11:30:00 AM 567000.000 71.277
16.815 160.559 37865.801
44882.402 30520.035 29.171
26.409 1.021
1/11/2017 11:45:00 AM 567900.000 71.291
16.818 160.591 37877.047
44892.531 30526.924 29.178
26.401 1.021
1/11/2017 12:00:00 PM 568800.000 71.283
16.808 160.571 37876.840
44903.074 30534.092 29.185
26.401 1.021
1/11/2017 12:15:00 PM 569700.000 71.297
16.815 160.604 37880.152
44899.684 30531.785 29.183
26.399 1.021
1/11/2017 12:30:00 PM 570600.000 71.284

16.805 160.574 37860.688
44886.070 30522.529 29.173
26.413 1.021
1/11/2017 12:45:00 PM 571500.000 71.277
16.813 160.558 37857.273
44874.078 30514.373 29.164
26.415 1.021
1/11/2017 1:00:00 PM 572400.000 71.278
16.811 160.560 37858.410
44877.828 30516.926 29.167
26.414 1.021
1/11/2017 1:15:00 PM 573300.000 71.297
16.814 160.603 37841.453
44854.789 30501.260 29.151
26.426 1.021
1/11/2017 1:30:00 PM 574200.000 71.289
16.821 160.586 37875.086
44887.699 30523.639 29.175
26.403 1.021
1/11/2017 1:45:00 PM 575100.000 71.268
16.813 160.539 37865.332
44883.992 30521.117 29.172
26.409 1.021
1/11/2017 2:00:00 PM 576000.000 71.262
16.816 160.525 37863.430
44878.879 30517.641 29.168
26.411 1.021
1/11/2017 2:15:00 PM 576900.000 71.255
16.812 160.510 37857.523
44875.367 30515.252 29.165
26.415 1.021
1/11/2017 2:30:00 PM 577800.000 71.271
16.815 160.544 37883.945
44903.910 30534.662 29.186
26.396 1.021
1/11/2017 2:45:00 PM 578700.000 71.247
16.812 160.490 37833.375
44847.445 30496.266 29.145
26.432 1.021
1/11/2017 3:00:00 PM 579600.000 71.240
16.812 160.476 37854.336
44871.398 30512.553 29.162
26.417 1.021
1/11/2017 3:15:00 PM 580500.000 71.235
16.809 160.464 37838.043
44855.297 30501.602 29.151
26.428 1.021
1/11/2017 3:30:00 PM 581400.000 71.245
16.808 160.485 37830.152
44847.281 30496.152 29.145
26.434 1.021
1/11/2017 3:45:00 PM 582300.000 71.218
16.818 160.426 37872.348
44887.586 30523.559 29.174
26.404 1.021
1/11/2017 4:00:00 PM 583200.000 71.226
16.806 160.444 37812.434

44828.414 30483.324 29.131
26.446 1.021
1/11/2017 4:15:00 PM 584100.000 71.203
16.820 160.392 37862.391
44873.367 30513.891 29.164
26.411 1.021
1/11/2017 4:30:00 PM 585000.000 71.214
16.814 160.417 37854.715
44870.152 30511.705 29.162
26.417 1.021
1/11/2017 4:45:00 PM 585900.000 71.205
16.818 160.396 37854.086
44865.941 30508.840 29.159
26.417 1.021
1/11/2017 5:00:00 PM 586800.000 71.199
16.812 160.383 37853.578
44870.504 30511.945 29.162
26.418 1.021
1/11/2017 5:15:00 PM 587700.000 71.192
16.818 160.368 37869.566
44884.199 30521.258 29.172
26.406 1.021
1/11/2017 5:30:00 PM 588600.000 71.172
16.807 160.321 37870.070
44895.402 30528.875 29.180
26.406 1.021
1/11/2017 5:45:00 PM 589500.000 71.182
16.809 160.345 37847.641
44866.496 30509.219 29.159
26.422 1.021
1/11/2017 6:00:00 PM 590400.000 71.163
16.822 160.301 37857.336
44864.797 30508.064 29.158
26.415 1.021
1/11/2017 6:15:00 PM 591300.000 71.156
16.813 160.287 37880.559
44901.770 30533.205 29.184
26.399 1.021
1/11/2017 6:30:00 PM 592200.000 71.162
16.816 160.298 37885.117
44904.406 30534.998 29.187
26.396 1.021
1/11/2017 6:45:00 PM 593100.000 71.149
16.812 160.270 37861.320
44879.941 30518.361 29.169
26.412 1.021
1/11/2017 7:00:00 PM 594000.000 71.160
16.807 160.295 37857.555
44880.652 30518.844 29.169
26.415 1.021
1/11/2017 7:15:00 PM 594900.000 71.144
16.815 160.258 37862.926
44878.637 30517.473 29.168
26.411 1.021
1/11/2017 7:30:00 PM 595800.000 71.144
16.815 160.258 37858.535
44873.434 30513.938 29.164

| | | | | |
|---|---|---|---|---|
| 26.414 | | 1.021 | | |
| 1/11/2017 7:45:00 PM | 596700.000 | | 71.138 | |
| 16.817 | | 160.246 | 37872.664 | |
| 44888.488 | | 30524.174 | | 29.175 |
| 26.404 | | 1.021 | | |
| 1/11/2017 8:00:00 PM | 597600.000 | | 71.141 | |
| 16.820 | | 160.253 | 37844.484 | |
| 44851.883 | | 30499.283 | | 29.149 |
| 26.424 | | 1.021 | | |
| 1/11/2017 8:15:00 PM | 598500.000 | | 71.158 | |
| 16.815 | | 160.291 | 37856.484 | |
| 44871.453 | | 30512.588 | | 29.163 |
| 26.416 | | 1.021 | | |
| 1/11/2017 8:30:00 PM | 599400.000 | | 71.156 | |
| 16.814 | | 160.286 | 37874.648 | |
| 44893.957 | | 30527.891 | | 29.179 |
| 26.403 | | 1.021 | | |
| 1/11/2017 8:45:00 PM | 600300.000 | | 71.162 | |
| 16.817 | | 160.298 | 37873.133 | |
| 44889.582 | | 30524.918 | | 29.176 |
| 26.404 | | 1.021 | | |
| 1/11/2017 9:00:00 PM | 601200.000 | | 71.146 | |
| 16.823 | | 160.263 | 37872.664 | |
| 44882.070 | | 30519.811 | | 29.171 |
| 26.404 | | 1.021 | | |
| 1/11/2017 9:15:00 PM | 602100.000 | | 71.161 | |
| 16.815 | | 160.297 | 37847.105 | |
| 44860.426 | | 30505.090 | | 29.155 |
| 26.422 | | 1.021 | | |
| 1/11/2017 9:30:00 PM | 603000.000 | | 71.147 | |
| 16.827 | | 160.265 | 37886.590 | |
| 44894.473 | | 30528.244 | | 29.180 |
| 26.395 | | 1.021 | | |
| 1/11/2017 9:45:00 PM | 603900.000 | | 71.171 | |
| 16.815 | | 160.319 | 37857.875 | |
| 44873.277 | | 30513.830 | | 29.164 |
| 26.415 | | 1.021 | | |
| 1/11/2017 10:00:00 PM | 604800.000 | | 71.172 | |
| 16.816 | | 160.321 | 37864.035 | |
| 44879.598 | | 30518.129 | | 29.169 |
| 26.410 | | 1.021 | | |
| 1/11/2017 10:15:00 PM | 605700.000 | | 71.173 | |
| 16.817 | | 160.325 | 37855.695 | |
| 44868.828 | | 30510.805 | | 29.161 |
| 26.416 | | 1.021 | | |
| 1/11/2017 10:30:00 PM | 606600.000 | | 71.180 | |
| 16.823 | | 160.340 | 37867.477 | |
| 44876.094 | | 30515.746 | | 29.166 |
| 26.408 | | 1.021 | | |
| 1/11/2017 10:45:00 PM | 607500.000 | | 71.167 | |
| 16.819 | | 160.311 | 37890.344 | |
| 44907.039 | | 30536.789 | | 29.189 |
| 26.392 | | 1.021 | | |
| 1/11/2017 11:00:00 PM | 608400.000 | | 71.170 | |
| 16.816 | | 160.318 | 37846.633 | |
| 44859.063 | | 30504.164 | | 29.154 |
| 26.422 | | 1.021 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 11:15:00 PM | 609300.000 | 71.173 | 16.814 | 160.324 | 37844.203 | 44857.973 | 30503.424 | 29.153 |
| 26.424 | 1.021 | | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 71.180 | 16.815 | 160.341 | 37859.102 | 44874.828 | 30514.885 | 29.165 |
| 26.414 | 1.021 | | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 71.184 | 16.816 | 160.348 | 37858.883 | 44873.488 | 30513.973 | 29.164 |
| 26.414 | 1.021 | | | | | | | |

Report Date: 1/16/2017 8:33:40 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-9S LT Test_2017-01-12_15-55-02-392-BaroMerge.wsl
Create Date: 1/16/2017 8:29:56 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-9S
Device Name:
Serial Number: 427634
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 4
Used Battery(%): 9

Log Configuration
Log Name: MPWSP MW-9S LT Test
Created By: SKuiper
Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 8/17/2016 12:56:58 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 8/17/2016 1:30:00 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: Depth
Specific Gravity: 1.012

Other Log Settings
Depth of Probe: 33.4077 (ft)
Head Pressure: 14.6569 (PSI)
Temperature: 21.7578 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

| Date and Time | Note |
|---|---|
| 8/17/2016 12:56:59 PM | Used Battery: 9% Used Memory: 7% User Name: SKuiper |
| 8/18/2016 3:22:43 PM | Log Download - Used Battery: 9% Used Memory: 7% User Name: SKuiper Interval - Start Time: 8/10/2016 10:30:00 PM Stop Time: 8/18/2016 4:15:00 PM |
| 8/25/2016 11:48:32 AM | Log Download - Used Battery: 9% Used Memory: 7% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:45:00 PM |
| 9/1/2016 3:53:04 PM | Log Download - Used Battery: 10% Used Memory: 9% User Name: skuiper Interval - Start Time: 7/31/2016 1:30:00 PM Stop Time: 9/1/2016 3:45:00 PM |
| 9/8/2016 6:09:52 PM | Log Download - Used Battery: 10% Used Memory: 9% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:00:00 PM |
| 9/15/2016 2:41:57 PM | Log Download - Used Battery: 10% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:30:00 PM |
| 9/22/2016 12:10:44 PM | Log Download - Used Battery: 11% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:00:00 PM |
| 10/1/2016 10:48:16 AM | Log Download - Used Battery: 11% Used Memory: 12% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 11:45:00 AM |
| 10/7/2016 4:48:35 PM | Log Download - Used Battery: 11% Used Memory: 12% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM |
| 10/13/2016 4:12:06 PM | Log Download - Used Battery: 12% Used Memory: 14% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:00:00 PM |
| 10/20/2016 4:33:55 PM | Log Download - Used Battery: 12% Used Memory: 14% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM |
| 10/27/2016 5:01:53 PM | Log Download - Used Battery: 12% Used Memory: 15% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 4:45:00 PM |
| 11/3/2016 4:11:56 PM | Log Download - Used Battery: 13% Used Memory: 15% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 4:00:00 PM |
| 11/11/2016 8:07:25 AM | Log Download - Used Battery: 13% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 8:00:00 AM |
| 11/17/2016 3:24:12 PM | Log Download - Used Battery: 14% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:15:00 PM |
| 11/24/2016 12:16:25 PM | Log Download - Used Battery: 14% Used Memory: 18% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 1:00:00 PM |
| 12/2/2016 7:39:28 AM | Log Download - Used Battery: 14% Used Memory: 18% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 7:30:00 AM |
| 12/9/2016 9:15:06 AM | Log Download - Used Battery: 15% Used Memory: 20% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 9:00:00 AM |
| 12/15/2016 3:06:49 PM | Log Download - Used Battery: 15% Used Memory: 20% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:00:00 PM |
| 12/22/2016 11:41:49 AM | Log Download - Used Battery: 15% Used Memory: 21% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 12:30:00 PM |
| 1/5/2017 9:55:39 AM | Log Download - Used Battery: 16% Used Memory: 23% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 10:45:00 AM |
| 1/12/2017 3:54:13 PM | Log Download - Used Battery: 16% Used Memory: 25% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:45:00 PM |
| 1/16/2017 8:29:56 AM | User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-01-12_17-37-42-669.wsl"" |

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Log Data:
Record Count: 743
Sensors: 2
1 - 427634: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

| Date and Time | Elapsed Time (Seconds) | Sensor: PCTD(A) 197.3ft SN#: 427634 Pressure (PSI) | Sensor: PCTD(A) 197.3ft SN#: 427634 Temperature (C) | Sensor: PCTD(A) 197.3ft SN#: 427634 Depth (ft) | Sensor: PCTD(A) 197.3ft SN#: 427634 Actual Conductivity (µS/cm) | Sensor: PCTD(A) 197.3ft SN#: 427634 Specific Conductivity (µS/cm) | Sensor: PCTD(A) 197.3ft SN#: 427634 Salinity (PSU) | Sensor: PCTD(A) 197.3ft SN#: 427634 Total Dissolved Solids (ppt) | Sensor: PCTD(A) 197.3ft SN#: 427634 Resistivity (ohm-cm) | Sensor: PCTD(A) 197.3ft SN#: 427634 Water Density (g/cm3) | Sensor: Baro-Adj Calc SN#: 000000 Corrected Barometric Pressure (PSI) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 26.371 | 16.910 | 60.107 | 4423.847 | 5232.323 | 2.843 | 3.558 | 226.048 | 1.001 | 14.703 |
| 1/5/2017 12:15:00 AM | 8100.000 | 26.367 | 16.911 | 60.098 | 4422.732 | 5230.963 | 2.842 | 3.557 | 226.105 | 1.001 | 14.710 |
| 1/5/2017 12:30:00 AM | 9000.000 | 26.361 | 16.910 | 60.085 | 4423.130 | 5231.466 | 2.842 | 3.557 | 226.084 | 1.001 | 14.713 |
| 1/5/2017 12:45:00 AM | 9900.000 | 26.358 | 16.912 | 60.078 | 4422.836 | 5230.942 | 2.842 | 3.557 | 226.099 | 1.001 | 14.717 |
| 1/5/2017 1:00:00 AM | 10800.000 | 26.363 | 16.911 | 60.090 | 4422.099 | 5230.183 | 2.841 | 3.557 | 226.137 | 1.001 | 14.716 |
| 1/5/2017 1:15:00 AM | 11700.000 | 26.362 | 16.909 | 60.088 | 4421.772 | 5229.973 | 2.841 | 3.556 | 226.154 | 1.001 | 14.714 |
| 1/5/2017 1:30:00 AM | 12600.000 | 26.367 | 16.910 | 60.098 | 4421.692 | 5229.816 | 2.841 | 3.556 | 226.158 | 1.001 | 14.717 |
| 1/5/2017 1:45:00 AM | 13500.000 | 26.360 | 16.910 | 60.083 | 4422.399 | 5230.590 | 2.842 | 3.557 | 226.122 | 1.001 | 14.720 |
| 1/5/2017 2:00:00 AM | 14400.000 | 26.364 | 16.910 | 60.091 | 4422.797 | 5231.072 | 2.842 | 3.557 | 226.101 | 1.001 | 14.723 |
| 1/5/2017 2:15:00 AM | 15300.000 | 26.365 | 16.910 | 60.095 | 4422.668 | 5230.982 | 2.842 | 3.557 | 226.108 | 1.001 | 14.718 |
| 1/5/2017 2:30:00 AM | 16200.000 | 26.368 | 16.910 | 60.102 | 4422.610 | 5230.934 | 2.842 | 3.557 | 226.111 | 1.001 | 14.718 |
| 1/5/2017 2:45:00 AM | 17100.000 | 26.366 | 16.911 | 60.095 | 4422.268 | 5230.372 | 2.842 | 3.557 | 226.128 | 1.001 | 14.721 |
| 1/5/2017 3:00:00 AM | 18000.000 | 26.360 | 16.912 | 60.082 | 4421.259 | 5229.098 | 2.841 | 3.556 | 226.180 | 1.001 | 14.724 |
| 1/5/2017 3:15:00 AM | 18900.000 | 26.370 | 16.910 | 60.105 | 4420.984 | 5228.928 | 2.841 | 3.556 | 226.194 | 1.001 | 14.718 |
| 1/5/2017 3:30:00 AM | 19800.000 | 26.366 | 16.911 | 60.096 | 4421.567 | 5229.565 | 2.841 | 3.556 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 226.164 | 1.001 | 14.721 | | | | | | |
| 1/5/2017 3:45:00 AM | 20700.000 | 26.366 | 16.909 | 60.096 | 4421.123 | 5229.288 | 2.841 | 3.556 |
| 226.187 | 1.001 | 14.722 | | | | | | |
| 1/5/2017 4:00:00 AM | 21600.000 | 26.367 | 16.910 | 60.099 | 4421.910 | 5230.043 | 2.841 | 3.556 |
| 226.147 | 1.001 | 14.720 | | | | | | |
| 1/5/2017 4:15:00 AM | 22500.000 | 26.374 | 16.909 | 60.114 | 4421.813 | 5230.042 | 2.841 | 3.556 |
| 226.152 | 1.001 | 14.717 | | | | | | |
| 1/5/2017 4:30:00 AM | 23400.000 | 26.364 | 16.911 | 60.092 | 4421.821 | 5229.886 | 2.841 | 3.556 |
| 226.151 | 1.001 | 14.725 | | | | | | |
| 1/5/2017 4:45:00 AM | 24300.000 | 26.367 | 16.909 | 60.098 | 4422.535 | 5230.865 | 2.842 | 3.557 |
| 226.115 | 1.001 | 14.722 | | | | | | |
| 1/5/2017 5:00:00 AM | 25200.000 | 26.379 | 16.911 | 60.125 | 4422.318 | 5230.453 | 2.842 | 3.557 |
| 226.126 | 1.001 | 14.707 | | | | | | |
| 1/5/2017 5:15:00 AM | 26100.000 | 26.362 | 16.909 | 60.086 | 4422.034 | 5230.282 | 2.841 | 3.557 |
| 226.140 | 1.001 | 14.722 | | | | | | |
| 1/5/2017 5:30:00 AM | 27000.000 | 26.371 | 16.910 | 60.108 | 4422.636 | 5230.902 | 2.842 | 3.557 |
| 226.110 | 1.001 | 14.718 | | | | | | |
| 1/5/2017 5:45:00 AM | 27900.000 | 26.366 | 16.909 | 60.097 | 4423.449 | 5231.977 | 2.842 | 3.558 |
| 226.068 | 1.001 | 14.722 | | | | | | |
| 1/5/2017 6:00:00 AM | 28800.000 | 26.375 | 16.909 | 60.116 | 4425.391 | 5234.232 | 2.844 | 3.559 |
| 225.969 | 1.001 | 14.720 | | | | | | |
| 1/5/2017 6:15:00 AM | 29700.000 | 26.365 | 16.910 | 60.094 | 4424.921 | 5233.594 | 2.843 | 3.559 |
| 225.993 | 1.001 | 14.728 | | | | | | |
| 1/5/2017 6:30:00 AM | 30600.000 | 26.372 | 16.909 | 60.110 | 4425.173 | 5233.985 | 2.844 | 3.559 |
| 225.980 | 1.001 | 14.723 | | | | | | |
| 1/5/2017 6:45:00 AM | 31500.000 | 26.365 | 16.910 | 60.094 | 4425.302 | 5234.085 | 2.844 | 3.559 |
| 225.973 | 1.001 | 14.733 | | | | | | |
| 1/5/2017 7:00:00 AM | 32400.000 | 26.362 | 16.909 | 60.088 | 4424.872 | 5233.640 | 2.843 | 3.559 |
| 225.995 | 1.001 | 14.736 | | | | | | |
| 1/5/2017 7:15:00 AM | 33300.000 | 26.366 | 16.910 | 60.096 | 4424.644 | 5233.287 | 2.843 | 3.559 |
| 226.007 | 1.001 | 14.735 | | | | | | |
| 1/5/2017 7:30:00 AM | 34200.000 | 26.368 | 16.911 | 60.100 | 4423.048 | 5231.296 | 2.842 | 3.557 |
| 226.088 | 1.001 | 14.730 | | | | | | |
| 1/5/2017 7:45:00 AM | 35100.000 | 26.371 | 16.909 | 60.108 | 4422.796 | 5231.194 | 2.842 | 3.557 |
| 226.101 | 1.001 | 14.731 | | | | | | |
| 1/5/2017 8:00:00 AM | 36000.000 | 26.367 | 16.910 | 60.098 | 4422.537 | 5230.815 | 2.842 | 3.557 |
| 226.115 | 1.001 | 14.737 | | | | | | |
| 1/5/2017 8:15:00 AM | 36900.000 | 26.367 | 16.909 | 60.099 | 4422.649 | 5230.989 | 2.842 | 3.557 |
| 226.109 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 8:30:00 AM | 37800.000 | 26.362 | 16.911 | 60.087 | 4422.504 | 5230.693 | 2.842 | 3.557 |
| 226.116 | 1.001 | 14.745 | | | | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 26.366 | 16.909 | 60.097 | 4423.213 | 5231.729 | 2.842 | 3.558 |
| 226.080 | 1.001 | 14.750 | | | | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 26.362 | 16.909 | 60.087 | 4423.342 | 5231.819 | 2.842 | 3.558 |
| 226.073 | 1.001 | 14.747 | | | | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 26.354 | 16.910 | 60.070 | 4422.829 | 5231.181 | 2.842 | 3.557 |
| 226.100 | 1.001 | 14.760 | | | | | | |
| 1/5/2017 9:30:00 AM | 41400.000 | 26.369 | 16.909 | 60.104 | 4422.122 | 5230.429 | 2.842 | 3.557 |
| 226.136 | 1.001 | 14.750 | | | | | | |
| 1/5/2017 9:45:00 AM | 42300.000 | 26.362 | 16.911 | 60.088 | 4420.755 | 5228.584 | 2.840 | 3.555 |
| 226.206 | 1.001 | 14.758 | | | | | | |
| 1/5/2017 10:00:00 AM | 43200.000 | 26.361 | 16.913 | 60.085 | 4420.258 | 5227.790 | 2.840 | 3.555 |
| 226.231 | 1.001 | 14.757 | | | | | | |
| 1/5/2017 10:15:00 AM | 44100.000 | 26.362 | 16.911 | 60.088 | 4418.616 | 5226.074 | 2.839 | 3.554 |
| 226.315 | 1.001 | 14.757 | | | | | | |
| 1/5/2017 10:30:00 AM | 45000.000 | 26.359 | 16.910 | 60.081 | 4418.281 | 5225.751 | 2.839 | 3.554 |
| 226.332 | 1.001 | 14.758 | | | | | | |
| 1/5/2017 10:45:00 AM | 45900.000 | 26.361 | 16.910 | 60.085 | 4418.396 | 5225.868 | 2.839 | 3.554 |
| 226.326 | 1.001 | 14.758 | | | | | | |
| 1/5/2017 11:00:00 AM | 46800.000 | 26.374 | 16.910 | 60.114 | 4419.072 | 5226.708 | 2.839 | 3.554 |
| 226.292 | 1.001 | 14.746 | | | | | | |
| 1/5/2017 11:15:00 AM | 47700.000 | 26.369 | 16.910 | 60.104 | 4418.706 | 5226.304 | 2.839 | 3.554 |
| 226.311 | 1.001 | 14.751 | | | | | | |
| 1/5/2017 11:30:00 AM | 48600.000 | 26.361 | 16.910 | 60.085 | 4418.544 | 5226.020 | 2.839 | 3.554 |
| 226.319 | 1.001 | 14.757 | | | | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 26.366 | 16.910 | 60.097 | 4418.477 | 5226.046 | 2.839 | 3.554 |
| 226.322 | 1.001 | 14.750 | | | | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 26.373 | 16.911 | 60.111 | 4418.452 | 5225.880 | 2.839 | 3.554 |
| 226.324 | 1.001 | 14.745 | | | | | | |
| 1/5/2017 12:15:00 PM | 51300.000 | 26.370 | 16.910 | 60.106 | 4418.486 | 5225.961 | 2.839 | 3.554 |
| 226.322 | 1.001 | 14.749 | | | | | | |
| 1/5/2017 12:30:00 PM | 52200.000 | 26.367 | 16.909 | 60.098 | 4418.461 | 5226.068 | 2.839 | 3.554 |
| 226.323 | 1.001 | 14.748 | | | | | | |
| 1/5/2017 12:45:00 PM | 53100.000 | 26.377 | 16.909 | 60.122 | 4418.533 | 5226.121 | 2.839 | 3.554 |
| 226.319 | 1.001 | 14.742 | | | | | | |
| 1/5/2017 1:00:00 PM | 54000.000 | 26.372 | 16.910 | 60.111 | 4418.917 | 5226.461 | 2.839 | 3.554 |
| 226.300 | 1.001 | 14.742 | | | | | | |
| 1/5/2017 1:15:00 PM | 54900.000 | 26.373 | 16.910 | 60.113 | 4419.663 | 5227.407 | 2.840 | 3.555 |
| 226.262 | 1.001 | 14.736 | | | | | | |
| 1/5/2017 1:30:00 PM | 55800.000 | 26.379 | 16.909 | 60.126 | 4419.576 | 5227.428 | 2.840 | 3.555 |
| 226.266 | 1.001 | 14.736 | | | | | | |
| 1/5/2017 1:45:00 PM | 56700.000 | 26.377 | 16.911 | 60.122 | 4420.372 | 5228.172 | 2.840 | 3.555 |
| 226.225 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 2:00:00 PM | 57600.000 | 26.373 | 16.910 | 60.111 | 4420.356 | 5228.227 | 2.840 | 3.555 |
| 226.226 | 1.001 | 14.744 | | | | | | |
| 1/5/2017 2:15:00 PM | 58500.000 | 26.374 | 16.909 | 60.115 | 4420.641 | 5228.666 | 2.841 | 3.555 |
| 226.212 | 1.001 | 14.741 | | | | | | |
| 1/5/2017 2:30:00 PM | 59400.000 | 26.370 | 16.909 | 60.105 | 4420.446 | 5228.436 | 2.840 | 3.555 |
| 226.221 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 2:45:00 PM | 60300.000 | 26.375 | 16.911 | 60.118 | 4420.388 | 5228.191 | 2.840 | 3.555 |
| 226.224 | 1.001 | 14.738 | | | | | | |
| 1/5/2017 3:00:00 PM | 61200.000 | 26.379 | 16.909 | 60.125 | 4420.618 | 5228.628 | 2.841 | 3.555 |
| 226.213 | 1.001 | 14.741 | | | | | | |
| 1/5/2017 3:15:00 PM | 62100.000 | 26.371 | 16.909 | 60.107 | 4420.087 | 5227.970 | 2.840 | 3.555 |
| 226.240 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 3:30:00 PM | 63000.000 | 26.375 | 16.909 | 60.117 | 4419.478 | 5227.238 | 2.840 | 3.555 |
| 226.271 | 1.001 | 14.739 | | | | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 26.372 | 16.910 | 60.110 | 4419.892 | 5227.698 | 2.840 | 3.555 |
| 226.250 | 1.001 | 14.740 | | | | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 26.370 | 16.910 | 60.106 | 4419.420 | 5227.120 | 2.840 | 3.554 |
| 226.274 | 1.001 | 14.741 | | | | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 26.372 | 16.910 | 60.111 | 4419.364 | 5227.000 | 2.840 | 3.554 |
| 226.277 | 1.001 | 14.745 | | | | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 26.366 | 16.909 | 60.097 | 4419.561 | 5227.347 | 2.840 | 3.555 |
| 226.267 | 1.001 | 14.745 | | | | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 26.364 | 16.910 | 60.092 | 4419.096 | 5226.745 | 2.839 | 3.554 |
| 226.291 | 1.001 | 14.749 | | | | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 26.367 | 16.909 | 60.099 | 4418.673 | 5226.318 | 2.839 | 3.554 |
| 226.312 | 1.001 | 14.749 | | | | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 26.372 | 16.910 | 60.111 | 4418.339 | 5225.871 | 2.839 | 3.554 |
| 226.329 | 1.001 | 14.751 | | | | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 26.367 | 16.911 | 60.100 | 4417.763 | 5225.086 | 2.838 | 3.553 |
| 226.359 | 1.001 | 14.753 | | | | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 26.373 | 16.911 | 60.113 | 4417.557 | 5224.801 | 2.838 | 3.553 |
| 226.369 | 1.001 | 14.751 | | | | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 26.380 | 16.909 | 60.127 | 4417.437 | 5224.865 | 2.838 | 3.553 |
| 226.376 | 1.001 | 14.745 | | | | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 26.372 | 16.911 | 60.110 | 4417.077 | 5224.274 | 2.838 | 3.553 |
| 226.394 | 1.001 | 14.755 | | | | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 26.379 | 16.910 | 60.126 | 4416.076 | 5223.165 | 2.837 | 3.552 |
| 226.445 | 1.001 | 14.748 | | | | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 26.369 | 16.910 | 60.104 | 4415.427 | 5222.355 | 2.837 | 3.551 |
| 226.479 | 1.001 | 14.761 | | | | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 26.368 | 16.911 | 60.101 | 4415.214 | 5222.061 | 2.837 | 3.551 |
| 226.490 | 1.001 | 14.759 | | | | | | |
| 1/5/2017 7:15:00 PM | 76500.000 | 26.372 | 16.909 | 60.109 | 4414.931 | 5221.912 | 2.837 | 3.551 |
| 226.504 | 1.001 | 14.757 | | | | | | |
| 1/5/2017 7:30:00 PM | 77400.000 | 26.373 | 16.910 | 60.112 | 4414.678 | 5221.532 | 2.836 | 3.551 |
| 226.517 | 1.001 | 14.760 | | | | | | |
| 1/5/2017 7:45:00 PM | 78300.000 | 26.374 | 16.910 | 60.114 | 4414.914 | 5221.758 | 2.837 | 3.551 |
| 226.505 | 1.001 | 14.756 | | | | | | |
| 1/5/2017 8:00:00 PM | 79200.000 | 26.373 | 16.910 | 60.112 | 4415.067 | 5221.971 | 2.837 | 3.551 |
| 226.497 | 1.001 | 14.758 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/5/2017 8:15:00 PM | 80100.000 | 26.370 | 16.910 | 60.106 | 4414.613 | 5221.371 | 2.836 | 3.551 |
| 226.520 | 1.001 | 14.763 | | | | | | |
| 1/5/2017 8:30:00 PM | 81000.000 | 26.375 | 16.910 | 60.116 | 4413.848 | 5220.549 | 2.836 | 3.550 |
| 226.560 | 1.001 | 14.759 | | | | | | |
| 1/5/2017 8:45:00 PM | 81900.000 | 26.369 | 16.910 | 60.104 | 4414.140 | 5220.854 | 2.836 | 3.550 |
| 226.545 | 1.001 | 14.763 | | | | | | |
| 1/5/2017 9:00:00 PM | 82800.000 | 26.368 | 16.910 | 60.100 | 4413.498 | 5220.094 | 2.836 | 3.550 |
| 226.578 | 1.001 | 14.769 | | | | | | |
| 1/5/2017 9:15:00 PM | 83700.000 | 26.370 | 16.910 | 60.104 | 4413.586 | 5220.208 | 2.836 | 3.550 |
| 226.573 | 1.001 | 14.767 | | | | | | |
| 1/5/2017 9:30:00 PM | 84600.000 | 26.370 | 16.910 | 60.106 | 4413.480 | 5220.103 | 2.836 | 3.550 |
| 226.579 | 1.001 | 14.767 | | | | | | |
| 1/5/2017 9:45:00 PM | 85500.000 | 26.365 | 16.910 | 60.094 | 4413.318 | 5219.882 | 2.835 | 3.550 |
| 226.587 | 1.001 | 14.778 | | | | | | |
| 1/5/2017 10:00:00 PM | 86400.000 | 26.367 | 16.910 | 60.099 | 4413.041 | 5219.533 | 2.835 | 3.549 |
| 226.601 | 1.001 | 14.773 | | | | | | |
| 1/5/2017 10:15:00 PM | 87300.000 | 26.370 | 16.910 | 60.105 | 4412.611 | 5219.003 | 2.835 | 3.549 |
| 226.623 | 1.001 | 14.775 | | | | | | |
| 1/5/2017 10:30:00 PM | 88200.000 | 26.373 | 16.911 | 60.113 | 4411.668 | 5217.857 | 2.834 | 3.548 |
| 226.672 | 1.001 | 14.768 | | | | | | |
| 1/5/2017 10:45:00 PM | 89100.000 | 26.382 | 16.910 | 60.133 | 4411.105 | 5217.285 | 2.834 | 3.548 |
| 226.701 | 1.001 | 14.764 | | | | | | |
| 1/5/2017 11:00:00 PM | 90000.000 | 26.372 | 16.910 | 60.110 | 4411.292 | 5217.452 | 2.834 | 3.548 |
| 226.691 | 1.001 | 14.773 | | | | | | |
| 1/5/2017 11:15:00 PM | 90900.000 | 26.378 | 16.911 | 60.123 | 4410.649 | 5216.611 | 2.834 | 3.547 |
| 226.724 | 1.001 | 14.764 | | | | | | |
| 1/5/2017 11:30:00 PM | 91800.000 | 26.376 | 16.910 | 60.120 | 4410.178 | 5216.147 | 2.833 | 3.547 |
| 226.748 | 1.001 | 14.770 | | | | | | |
| 1/5/2017 11:45:00 PM | 92700.000 | 26.376 | 16.911 | 60.119 | 4410.032 | 5215.932 | 2.833 | 3.547 |
| 226.756 | 1.001 | 14.771 | | | | | | |
| 1/6/2017 12:00:00 AM | 93600.000 | 26.374 | 16.911 | 60.114 | 4410.144 | 5216.053 | 2.833 | 3.547 |
| 226.750 | 1.001 | 14.771 | | | | | | |
| 1/6/2017 12:15:00 AM | 94500.000 | 26.373 | 16.911 | 60.113 | 4410.446 | 5216.390 | 2.833 | 3.547 |
| 226.734 | 1.001 | 14.770 | | | | | | |
| 1/6/2017 12:30:00 AM | 95400.000 | 26.374 | 16.911 | 60.115 | 4410.753 | 5216.714 | 2.834 | 3.547 |
| 226.719 | 1.001 | 14.772 | | | | | | |
| 1/6/2017 12:45:00 AM | 96300.000 | 26.378 | 16.911 | 60.124 | 4409.788 | 5215.633 | 2.833 | 3.547 |
| 226.768 | 1.001 | 14.768 | | | | | | |
| 1/6/2017 1:00:00 AM | 97200.000 | 26.369 | 16.910 | 60.103 | 4409.916 | 5215.867 | 2.833 | 3.547 |
| 226.762 | 1.001 | 14.772 | | | | | | |
| 1/6/2017 1:15:00 AM | 98100.000 | 26.374 | 16.911 | 60.115 | 4409.689 | 5215.496 | 2.833 | 3.547 |
| 226.773 | 1.001 | 14.769 | | | | | | |
| 1/6/2017 1:30:00 AM | 99000.000 | 26.372 | 16.911 | 60.110 | 4410.177 | 5216.083 | 2.833 | 3.547 |
| 226.748 | 1.001 | 14.772 | | | | | | |
| 1/6/2017 1:45:00 AM | 99900.000 | 26.374 | 16.911 | 60.113 | 4410.122 | 5216.038 | 2.833 | 3.547 |
| 226.751 | 1.001 | 14.770 | | | | | | |
| 1/6/2017 2:00:00 AM | 100800.000 | 26.380 | 16.911 | 60.127 | 4410.520 | 5216.447 | 2.833 | 3.547 |
| 226.731 | 1.001 | 14.765 | | | | | | |
| 1/6/2017 2:15:00 AM | 101700.000 | 26.376 | 16.910 | 60.119 | 4410.212 | 5216.166 | 2.833 | 3.547 |
| 226.746 | 1.001 | 14.771 | | | | | | |
| 1/6/2017 2:30:00 AM | 102600.000 | 26.383 | 16.910 | 60.134 | 4410.674 | 5216.712 | 2.834 | 3.547 |
| 226.723 | 1.001 | 14.765 | | | | | | |
| 1/6/2017 2:45:00 AM | 103500.000 | 26.374 | 16.911 | 60.115 | 4410.406 | 5216.374 | 2.833 | 3.547 |
| 226.737 | 1.001 | 14.776 | | | | | | |
| 1/6/2017 3:00:00 AM | 104400.000 | 26.380 | 16.911 | 60.129 | 4409.943 | 5215.795 | 2.833 | 3.547 |
| 226.760 | 1.001 | 14.769 | | | | | | |
| 1/6/2017 3:15:00 AM | 105300.000 | 26.376 | 16.911 | 60.119 | 4409.795 | 5215.652 | 2.833 | 3.547 |
| 226.768 | 1.001 | 14.767 | | | | | | |
| 1/6/2017 3:30:00 AM | 106200.000 | 26.377 | 16.911 | 60.121 | 4409.395 | 5215.117 | 2.833 | 3.546 |
| 226.788 | 1.001 | 14.769 | | | | | | |
| 1/6/2017 3:45:00 AM | 107100.000 | 26.373 | 16.910 | 60.113 | 4408.720 | 5214.453 | 2.832 | 3.546 |
| 226.823 | 1.001 | 14.774 | | | | | | |
| 1/6/2017 4:00:00 AM | 108000.000 | 26.379 | 16.911 | 60.125 | 4408.526 | 5214.069 | 2.832 | 3.546 |
| 226.833 | 1.001 | 14.769 | | | | | | |
| 1/6/2017 4:15:00 AM | 108900.000 | 26.381 | 16.911 | 60.131 | 4408.272 | 5213.800 | 2.832 | 3.545 |
| 226.846 | 1.001 | 14.763 | | | | | | |
| 1/6/2017 4:30:00 AM | 109800.000 | 26.381 | 16.911 | 60.131 | 4408.063 | 5213.614 | 2.832 | 3.545 |
| 226.857 | 1.001 | 14.765 | | | | | | |
| 1/6/2017 4:45:00 AM | 110700.000 | 26.378 | 16.911 | 60.124 | 4408.414 | 5214.008 | 2.832 | 3.546 |
| 226.839 | 1.001 | 14.763 | | | | | | |
| 1/6/2017 5:00:00 AM | 111600.000 | 26.384 | 16.910 | 60.137 | 4409.258 | 5215.068 | 2.833 | 3.546 |
| 226.796 | 1.001 | 14.759 | | | | | | |
| 1/6/2017 5:15:00 AM | 112500.000 | 26.377 | 16.911 | 60.122 | 4409.031 | 5214.749 | 2.832 | 3.546 |
| 226.807 | 1.001 | 14.768 | | | | | | |
| 1/6/2017 5:30:00 AM | 113400.000 | 26.379 | 16.911 | 60.126 | 4409.071 | 5214.796 | 2.833 | 3.546 |
| 226.805 | 1.001 | 14.769 | | | | | | |
| 1/6/2017 5:45:00 AM | 114300.000 | 26.372 | 16.911 | 60.110 | 4408.568 | 5214.211 | 2.832 | 3.546 |
| 226.831 | 1.001 | 14.771 | | | | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 26.376 | 16.911 | 60.119 | 4408.551 | 5214.160 | 2.832 | 3.546 |
| 226.832 | 1.001 | 14.767 | | | | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 26.372 | 16.910 | 60.110 | 4408.331 | 5213.950 | 2.832 | 3.545 |
| 226.843 | 1.001 | 14.770 | | | | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 26.377 | 16.911 | 60.122 | 4408.315 | 5213.870 | 2.832 | 3.545 |
| 226.844 | 1.001 | 14.767 | | | | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 26.380 | 16.911 | 60.128 | 4408.394 | 5213.923 | 2.832 | 3.545 |
| 226.840 | 1.001 | 14.766 | | | | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 26.379 | 16.911 | 60.127 | 4408.273 | 5213.841 | 2.832 | 3.545 |
| 226.846 | 1.001 | 14.773 | | | | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 26.387 | 16.911 | 60.143 | 4408.889 | 5214.519 | 2.832 | 3.546 |
| 226.814 | 1.001 | 14.771 | | | | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 26.376 | 16.911 | 60.119 | 4408.177 | 5213.666 | 2.832 | 3.545 |
| 226.851 | 1.001 | 14.774 | | | | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 26.376 | 16.911 | 60.119 | 4407.794 | 5213.275 | 2.832 | 3.545 |
| 226.871 | 1.001 | 14.778 | | | | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 26.381 | 16.911 | 60.131 | 4407.038 | 5212.350 | 2.831 | 3.544 |
| 226.910 | 1.001 | 14.774 | | | | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 26.379 | 16.911 | 60.127 | 4406.817 | 5212.047 | 2.831 | 3.544 |
| 226.921 | 1.001 | 14.777 | | | | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 26.378 | 16.911 | 60.123 | 4406.051 | 5211.162 | 2.830 | 3.544 |
| 226.961 | 1.001 | 14.780 | | | | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 26.372 | 16.911 | 60.111 | 4406.124 | 5211.207 | 2.830 | 3.544 |
| 226.957 | 1.001 | 14.786 | | | | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 26.373 | 16.912 | 60.113 | 4405.442 | 5210.380 | 2.830 | 3.543 |
| 226.992 | 1.001 | 14.783 | | | | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 26.379 | 16.911 | 60.127 | 4404.758 | 5209.633 | 2.830 | 3.543 |
| 227.027 | 1.001 | 14.782 | | | | | | |
| 1/6/2017 9:30:00 AM | 127800.000 | 26.375 | 16.912 | 60.118 | 4403.437 | 5207.957 | 2.829 | 3.541 |
| 227.095 | 1.001 | 14.784 | | | | | | |
| 1/6/2017 9:45:00 AM | 128700.000 | 26.371 | 16.911 | 60.108 | 4403.611 | 5208.276 | 2.829 | 3.542 |
| 227.086 | 1.001 | 14.790 | | | | | | |
| 1/6/2017 10:00:00 AM | 129600.000 | 26.373 | 16.912 | 60.112 | 4403.700 | 5208.319 | 2.829 | 3.542 |
| 227.082 | 1.001 | 14.785 | | | | | | |
| 1/6/2017 10:15:00 AM | 130500.000 | 26.378 | 16.912 | 60.123 | 4403.434 | 5207.962 | 2.829 | 3.541 |
| 227.095 | 1.001 | 14.784 | | | | | | |
| 1/6/2017 10:30:00 AM | 131400.000 | 26.375 | 16.911 | 60.118 | 4403.050 | 5207.603 | 2.828 | 3.541 |
| 227.115 | 1.001 | 14.780 | | | | | | |
| 1/6/2017 10:45:00 AM | 132300.000 | 26.383 | 16.912 | 60.134 | 4403.004 | 5207.414 | 2.828 | 3.541 |
| 227.118 | 1.001 | 14.774 | | | | | | |
| 1/6/2017 11:00:00 AM | 133200.000 | 26.380 | 16.911 | 60.128 | 4404.319 | 5209.113 | 2.829 | 3.542 |
| 227.050 | 1.001 | 14.778 | | | | | | |
| 1/6/2017 11:15:00 AM | 134100.000 | 26.373 | 16.912 | 60.112 | 4404.344 | 5209.060 | 2.829 | 3.542 |
| 227.049 | 1.001 | 14.780 | | | | | | |
| 1/6/2017 11:30:00 AM | 135000.000 | 26.380 | 16.911 | 60.128 | 4404.729 | 5209.598 | 2.830 | 3.543 |
| 227.029 | 1.001 | 14.769 | | | | | | |
| 1/6/2017 11:45:00 AM | 135900.000 | 26.378 | 16.911 | 60.124 | 4404.872 | 5209.726 | 2.830 | 3.543 |
| 227.021 | 1.001 | 14.769 | | | | | | |
| 1/6/2017 12:00:00 PM | 136800.000 | 26.379 | 16.912 | 60.125 | 4404.648 | 5209.419 | 2.829 | 3.542 |
| 227.033 | 1.001 | 14.767 | | | | | | |
| 1/6/2017 12:15:00 PM | 137700.000 | 26.383 | 16.911 | 60.134 | 4404.857 | 5209.801 | 2.830 | 3.543 |
| 227.022 | 1.001 | 14.762 | | | | | | |
| 1/6/2017 12:30:00 PM | 138600.000 | 26.384 | 16.911 | 60.137 | 4405.139 | 5210.094 | 2.830 | 3.543 |
| 227.008 | 1.001 | 14.762 | | | | | | |
| 1/6/2017 12:45:00 PM | 139500.000 | 26.376 | 16.912 | 60.118 | 4404.517 | 5209.296 | 2.829 | 3.542 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 227.040 | 1.001 | 14.763 | | | | | | |
| 1/6/2017 1:00:00 PM | 140400.000 | 26.382 | 16.911 | 60.133 | 4405.378 | 5210.376 | 2.830 | 3.543 |
| 226.995 | 1.001 | 14.756 | | | | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 26.385 | 16.911 | 60.139 | 4406.110 | 5211.210 | 2.830 | 3.544 |
| 226.958 | 1.001 | 14.757 | | | | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 26.381 | 16.911 | 60.130 | 4405.975 | 5211.041 | 2.830 | 3.544 |
| 226.965 | 1.001 | 14.750 | | | | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 26.380 | 16.911 | 60.129 | 4406.950 | 5212.194 | 2.831 | 3.544 |
| 226.914 | 1.001 | 14.752 | | | | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 26.382 | 16.910 | 60.133 | 4407.044 | 5212.440 | 2.831 | 3.544 |
| 226.909 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 26.386 | 16.911 | 60.142 | 4407.144 | 5212.455 | 2.831 | 3.544 |
| 226.904 | 1.001 | 14.737 | | | | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 26.388 | 16.911 | 60.146 | 4406.414 | 5211.560 | 2.831 | 3.544 |
| 226.942 | 1.001 | 14.732 | | | | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 26.383 | 16.911 | 60.135 | 4407.150 | 5212.482 | 2.831 | 3.544 |
| 226.904 | 1.001 | 14.739 | | | | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 26.384 | 16.911 | 60.138 | 4407.575 | 5212.943 | 2.831 | 3.545 |
| 226.882 | 1.001 | 14.736 | | | | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 26.385 | 16.911 | 60.140 | 4407.819 | 5213.222 | 2.832 | 3.545 |
| 226.870 | 1.001 | 14.739 | | | | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 26.385 | 16.911 | 60.138 | 4408.206 | 5213.782 | 2.832 | 3.545 |
| 226.850 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 26.378 | 16.911 | 60.123 | 4407.918 | 5213.400 | 2.832 | 3.545 |
| 226.864 | 1.001 | 14.748 | | | | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 26.379 | 16.911 | 60.126 | 4407.543 | 5212.885 | 2.831 | 3.545 |
| 226.884 | 1.001 | 14.745 | | | | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 26.383 | 16.911 | 60.136 | 4407.543 | 5212.927 | 2.831 | 3.545 |
| 226.884 | 1.001 | 14.741 | | | | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 26.380 | 16.911 | 60.127 | 4406.508 | 5211.661 | 2.831 | 3.544 |
| 226.937 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 4:45:00 PM | 153900.000 | 26.379 | 16.912 | 60.125 | 4405.818 | 5210.802 | 2.830 | 3.543 |
| 226.973 | 1.001 | 14.748 | | | | | | |
| 1/6/2017 5:00:00 PM | 154800.000 | 26.376 | 16.912 | 60.120 | 4405.117 | 5209.953 | 2.830 | 3.543 |
| 227.009 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 5:15:00 PM | 155700.000 | 26.386 | 16.912 | 60.141 | 4404.043 | 5208.704 | 2.829 | 3.542 |
| 227.064 | 1.001 | 14.738 | | | | | | |
| 1/6/2017 5:30:00 PM | 156600.000 | 26.376 | 16.911 | 60.119 | 4403.207 | 5207.788 | 2.828 | 3.541 |
| 227.107 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 5:45:00 PM | 157500.000 | 26.379 | 16.912 | 60.126 | 4402.765 | 5207.163 | 2.828 | 3.541 |
| 227.130 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 6:00:00 PM | 158400.000 | 26.381 | 16.912 | 60.131 | 4402.345 | 5206.695 | 2.828 | 3.541 |
| 227.152 | 1.001 | 14.742 | | | | | | |
| 1/6/2017 6:15:00 PM | 159300.000 | 26.377 | 16.912 | 60.122 | 4402.077 | 5206.369 | 2.828 | 3.540 |
| 227.166 | 1.001 | 14.747 | | | | | | |
| 1/6/2017 6:30:00 PM | 160200.000 | 26.372 | 16.912 | 60.111 | 4401.727 | 5205.943 | 2.827 | 3.540 |
| 227.184 | 1.001 | 14.748 | | | | | | |
| 1/6/2017 6:45:00 PM | 161100.000 | 26.373 | 16.911 | 60.112 | 4401.181 | 5205.372 | 2.827 | 3.540 |
| 227.212 | 1.001 | 14.751 | | | | | | |
| 1/6/2017 7:00:00 PM | 162000.000 | 26.379 | 16.912 | 60.126 | 4401.739 | 5205.937 | 2.827 | 3.540 |
| 227.183 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 7:15:00 PM | 162900.000 | 26.370 | 16.912 | 60.105 | 4400.845 | 5204.932 | 2.827 | 3.539 |
| 227.229 | 1.001 | 14.755 | | | | | | |
| 1/6/2017 7:30:00 PM | 163800.000 | 26.379 | 16.911 | 60.127 | 4400.481 | 5204.533 | 2.827 | 3.539 |
| 227.248 | 1.001 | 14.755 | | | | | | |
| 1/6/2017 7:45:00 PM | 164700.000 | 26.374 | 16.912 | 60.114 | 4400.455 | 5204.481 | 2.827 | 3.539 |
| 227.249 | 1.001 | 14.753 | | | | | | |
| 1/6/2017 8:00:00 PM | 165600.000 | 26.380 | 16.912 | 60.128 | 4399.658 | 5203.456 | 2.826 | 3.538 |
| 227.290 | 1.001 | 14.756 | | | | | | |
| 1/6/2017 8:15:00 PM | 166500.000 | 26.379 | 16.912 | 60.125 | 4398.993 | 5202.659 | 2.826 | 3.538 |
| 227.325 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 8:30:00 PM | 167400.000 | 26.371 | 16.912 | 60.107 | 4399.023 | 5202.706 | 2.826 | 3.538 |
| 227.323 | 1.001 | 14.754 | | | | | | |
| 1/6/2017 8:45:00 PM | 168300.000 | 26.378 | 16.912 | 60.125 | 4398.358 | 5201.938 | 2.825 | 3.537 |
| 227.358 | 1.001 | 14.749 | | | | | | |
| 1/6/2017 9:00:00 PM | 169200.000 | 26.384 | 16.913 | 60.138 | 4397.853 | 5201.238 | 2.825 | 3.537 |
| 227.384 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 9:15:00 PM | 170100.000 | 26.380 | 16.912 | 60.128 | 4397.317 | 5200.708 | 2.824 | 3.536 |
| 227.411 | 1.001 | 14.748 | | | | | | |
| 1/6/2017 9:30:00 PM | 171000.000 | 26.379 | 16.912 | 60.125 | 4397.252 | 5200.622 | 2.824 | 3.536 |
| 227.415 | 1.001 | 14.743 | | | | | | |
| 1/6/2017 9:45:00 PM | 171900.000 | 26.371 | 16.912 | 60.108 | 4397.598 | 5201.071 | 2.825 | 3.537 |
| 227.397 | 1.001 | 14.746 | | | | | | |
| 1/6/2017 10:00:00 PM | 172800.000 | 26.373 | 16.913 | 60.113 | 4397.470 | 5200.838 | 2.824 | 3.537 |
| 227.403 | 1.001 | 14.744 | | | | | | |
| 1/6/2017 10:15:00 PM | 173700.000 | 26.382 | 16.913 | 60.132 | 4397.215 | 5200.536 | 2.824 | 3.536 |
| 227.417 | 1.001 | 14.747 | | | | | | |
| 1/6/2017 10:30:00 PM | 174600.000 | 26.376 | 16.913 | 60.119 | 4397.285 | 5200.599 | 2.824 | 3.536 |
| 227.413 | 1.001 | 14.755 | | | | | | |
| 1/6/2017 10:45:00 PM | 175500.000 | 26.373 | 16.912 | 60.112 | 4397.988 | 5201.492 | 2.825 | 3.537 |
| 227.377 | 1.001 | 14.756 | | | | | | |
| 1/6/2017 11:00:00 PM | 176400.000 | 26.367 | 16.913 | 60.099 | 4397.942 | 5201.407 | 2.825 | 3.537 |
| 227.379 | 1.001 | 14.763 | | | | | | |
| 1/6/2017 11:15:00 PM | 177300.000 | 26.371 | 16.913 | 60.108 | 4397.241 | 5200.577 | 2.824 | 3.536 |
| 227.415 | 1.001 | 14.759 | | | | | | |
| 1/6/2017 11:30:00 PM | 178200.000 | 26.376 | 16.913 | 60.120 | 4396.070 | 5199.150 | 2.823 | 3.535 |
| 227.476 | 1.001 | 14.755 | | | | | | |
| 1/6/2017 11:45:00 PM | 179100.000 | 26.379 | 16.913 | 60.126 | 4395.143 | 5198.024 | 2.823 | 3.535 |
| 227.524 | 1.001 | 14.750 | | | | | | |
| 1/7/2017 12:00:00 AM | 180000.000 | 26.373 | 16.913 | 60.112 | 4394.637 | 5197.446 | 2.822 | 3.534 |
| 227.550 | 1.001 | 14.753 | | | | | | |
| 1/7/2017 12:15:00 AM | 180900.000 | 26.380 | 16.913 | 60.128 | 4394.628 | 5197.477 | 2.823 | 3.534 |
| 227.551 | 1.001 | 14.739 | | | | | | |
| 1/7/2017 12:30:00 AM | 181800.000 | 26.381 | 16.913 | 60.132 | 4393.674 | 5196.317 | 2.822 | 3.533 |
| 227.600 | 1.001 | 14.736 | | | | | | |
| 1/7/2017 12:45:00 AM | 182700.000 | 26.379 | 16.912 | 60.126 | 4394.239 | 5197.058 | 2.822 | 3.534 |
| 227.571 | 1.001 | 14.732 | | | | | | |
| 1/7/2017 1:00:00 AM | 183600.000 | 26.381 | 16.913 | 60.130 | 4394.732 | 5197.559 | 2.823 | 3.534 |
| 227.545 | 1.001 | 14.725 | | | | | | |
| 1/7/2017 1:15:00 AM | 184500.000 | 26.388 | 16.912 | 60.146 | 4395.188 | 5198.181 | 2.823 | 3.535 |
| 227.522 | 1.001 | 14.718 | | | | | | |
| 1/7/2017 1:30:00 AM | 185400.000 | 26.390 | 16.912 | 60.152 | 4395.701 | 5198.796 | 2.823 | 3.535 |
| 227.495 | 1.001 | 14.716 | | | | | | |
| 1/7/2017 1:45:00 AM | 186300.000 | 26.378 | 16.913 | 60.124 | 4396.323 | 5199.492 | 2.824 | 3.536 |
| 227.463 | 1.001 | 14.717 | | | | | | |
| 1/7/2017 2:00:00 AM | 187200.000 | 26.380 | 16.912 | 60.129 | 4396.658 | 5199.939 | 2.824 | 3.536 |
| 227.445 | 1.001 | 14.715 | | | | | | |
| 1/7/2017 2:15:00 AM | 188100.000 | 26.384 | 16.913 | 60.138 | 4397.642 | 5201.030 | 2.825 | 3.537 |
| 227.395 | 1.001 | 14.715 | | | | | | |
| 1/7/2017 2:30:00 AM | 189000.000 | 26.383 | 16.913 | 60.136 | 4397.699 | 5201.088 | 2.825 | 3.537 |
| 227.392 | 1.001 | 14.714 | | | | | | |
| 1/7/2017 2:45:00 AM | 189900.000 | 26.382 | 16.912 | 60.134 | 4398.075 | 5201.677 | 2.825 | 3.537 |
| 227.372 | 1.001 | 14.713 | | | | | | |
| 1/7/2017 3:00:00 AM | 190800.000 | 26.386 | 16.913 | 60.143 | 4399.014 | 5202.603 | 2.825 | 3.538 |
| 227.324 | 1.001 | 14.709 | | | | | | |
| 1/7/2017 3:15:00 AM | 191700.000 | 26.382 | 16.912 | 60.132 | 4398.263 | 5201.817 | 2.825 | 3.537 |
| 227.362 | 1.001 | 14.708 | | | | | | |
| 1/7/2017 3:30:00 AM | 192600.000 | 26.384 | 16.911 | 60.138 | 4398.289 | 5201.940 | 2.825 | 3.537 |
| 227.361 | 1.001 | 14.700 | | | | | | |
| 1/7/2017 3:45:00 AM | 193500.000 | 26.385 | 16.913 | 60.139 | 4398.127 | 5201.605 | 2.825 | 3.537 |
| 227.369 | 1.001 | 14.699 | | | | | | |
| 1/7/2017 4:00:00 AM | 194400.000 | 26.386 | 16.913 | 60.142 | 4397.357 | 5200.715 | 2.824 | 3.536 |
| 227.409 | 1.001 | 14.697 | | | | | | |
| 1/7/2017 4:15:00 AM | 195300.000 | 26.384 | 16.912 | 60.137 | 4398.324 | 5201.898 | 2.825 | 3.537 |
| 227.359 | 1.001 | 14.697 | | | | | | |
| 1/7/2017 4:30:00 AM | 196200.000 | 26.382 | 16.912 | 60.132 | 4398.723 | 5202.390 | 2.825 | 3.538 |
| 227.339 | 1.001 | 14.694 | | | | | | |
| 1/7/2017 4:45:00 AM | 197100.000 | 26.383 | 16.912 | 60.135 | 4398.911 | 5202.613 | 2.825 | 3.538 |
| 227.329 | 1.001 | 14.692 | | | | | | |
| 1/7/2017 5:00:00 AM | 198000.000 | 26.386 | 16.913 | 60.142 | 4399.585 | 5203.319 | 2.826 | 3.538 |
| 227.294 | 1.001 | 14.692 | | | | | | |
| 1/7/2017 5:15:00 AM | 198900.000 | 26.387 | 16.912 | 60.143 | 4399.693 | 5203.498 | 2.826 | 3.538 |
| 227.289 | 1.001 | 14.689 | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 1/7/2017 5:30:00 AM | 199800.000 | 26.381 | 16.912 | 60.131 | 4400.001 | 5203.873 | 2.826 | 3.539 |
| 227.273 | 1.001 | 14.697 | | | | | | |
| 1/7/2017 5:45:00 AM | 200700.000 | 26.381 | 16.913 | 60.131 | 4399.610 | 5203.369 | 2.826 | 3.538 |
| 227.293 | 1.001 | 14.698 | | | | | | |
| 1/7/2017 6:00:00 AM | 201600.000 | 26.381 | 16.912 | 60.131 | 4399.877 | 5203.776 | 2.826 | 3.539 |
| 227.279 | 1.001 | 14.700 | | | | | | |
| 1/7/2017 6:15:00 AM | 202500.000 | 26.384 | 16.912 | 60.136 | 4399.155 | 5202.893 | 2.826 | 3.538 |
| 227.316 | 1.001 | 14.698 | | | | | | |
| 1/7/2017 6:30:00 AM | 203400.000 | 26.387 | 16.913 | 60.144 | 4399.549 | 5203.287 | 2.826 | 3.538 |
| 227.296 | 1.001 | 14.695 | | | | | | |
| 1/7/2017 6:45:00 AM | 204300.000 | 26.387 | 16.912 | 60.145 | 4398.357 | 5202.011 | 2.825 | 3.537 |
| 227.358 | 1.001 | 14.695 | | | | | | |
| 1/7/2017 7:00:00 AM | 205200.000 | 26.383 | 16.911 | 60.134 | 4398.518 | 5202.210 | 2.825 | 3.538 |
| 227.349 | 1.001 | 14.697 | | | | | | |
| 1/7/2017 7:15:00 AM | 206100.000 | 26.385 | 16.912 | 60.140 | 4398.164 | 5201.679 | 2.825 | 3.537 |
| 227.368 | 1.001 | 14.699 | | | | | | |
| 1/7/2017 7:30:00 AM | 207000.000 | 26.378 | 16.913 | 60.123 | 4398.876 | 5202.491 | 2.825 | 3.538 |
| 227.331 | 1.001 | 14.702 | | | | | | |
| 1/7/2017 7:45:00 AM | 207900.000 | 26.383 | 16.912 | 60.135 | 4398.691 | 5202.365 | 2.825 | 3.538 |
| 227.340 | 1.001 | 14.701 | | | | | | |
| 1/7/2017 8:00:00 AM | 208800.000 | 26.389 | 16.912 | 60.149 | 4398.608 | 5202.205 | 2.825 | 3.537 |
| 227.345 | 1.001 | 14.700 | | | | | | |
| 1/7/2017 8:15:00 AM | 209700.000 | 26.379 | 16.913 | 60.126 | 4398.802 | 5202.414 | 2.825 | 3.538 |
| 227.335 | 1.001 | 14.714 | | | | | | |
| 1/7/2017 8:30:00 AM | 210600.000 | 26.380 | 16.913 | 60.127 | 4397.789 | 5201.215 | 2.825 | 3.537 |
| 227.387 | 1.001 | 14.712 | | | | | | |
| 1/7/2017 8:45:00 AM | 211500.000 | 26.378 | 16.913 | 60.123 | 4397.647 | 5201.026 | 2.825 | 3.537 |
| 227.394 | 1.001 | 14.716 | | | | | | |
| 1/7/2017 9:00:00 AM | 212400.000 | 26.378 | 16.912 | 60.124 | 4397.246 | 5200.635 | 2.824 | 3.536 |
| 227.415 | 1.001 | 14.719 | | | | | | |
| 1/7/2017 9:15:00 AM | 213300.000 | 26.385 | 16.912 | 60.140 | 4397.104 | 5200.488 | 2.824 | 3.536 |
| 227.422 | 1.001 | 14.718 | | | | | | |
| 1/7/2017 9:30:00 AM | 214200.000 | 26.377 | 16.913 | 60.121 | 4396.856 | 5200.091 | 2.824 | 3.536 |
| 227.435 | 1.001 | 14.728 | | | | | | |
| 1/7/2017 9:45:00 AM | 215100.000 | 26.376 | 16.912 | 60.119 | 4396.613 | 5199.865 | 2.824 | 3.536 |
| 227.448 | 1.001 | 14.726 | | | | | | |
| 1/7/2017 10:00:00 AM | 216000.000 | 26.378 | 16.913 | 60.123 | 4396.256 | 5199.330 | 2.824 | 3.536 |
| 227.466 | 1.001 | 14.732 | | | | | | |
| 1/7/2017 10:15:00 AM | 216900.000 | 26.374 | 16.913 | 60.114 | 4396.469 | 5199.561 | 2.824 | 3.536 |
| 227.455 | 1.001 | 14.742 | | | | | | |
| 1/7/2017 10:30:00 AM | 217800.000 | 26.376 | 16.913 | 60.120 | 4395.446 | 5198.392 | 2.823 | 3.535 |
| 227.508 | 1.001 | 14.738 | | | | | | |
| 1/7/2017 10:45:00 AM | 218700.000 | 26.381 | 16.914 | 60.129 | 4395.388 | 5198.262 | 2.823 | 3.535 |
| 227.511 | 1.001 | 14.732 | | | | | | |
| 1/7/2017 11:00:00 AM | 219600.000 | 26.379 | 16.913 | 60.126 | 4395.413 | 5198.384 | 2.823 | 3.535 |
| 227.510 | 1.001 | 14.737 | | | | | | |
| 1/7/2017 11:15:00 AM | 220500.000 | 26.383 | 16.913 | 60.136 | 4394.649 | 5197.409 | 2.822 | 3.534 |
| 227.549 | 1.001 | 14.730 | | | | | | |
| 1/7/2017 11:30:00 AM | 221400.000 | 26.382 | 16.913 | 60.132 | 4394.688 | 5197.526 | 2.823 | 3.534 |
| 227.547 | 1.001 | 14.732 | | | | | | |
| 1/7/2017 11:45:00 AM | 222300.000 | 26.382 | 16.912 | 60.132 | 4394.925 | 5197.858 | 2.823 | 3.535 |
| 227.535 | 1.001 | 14.727 | | | | | | |
| 1/7/2017 12:00:00 PM | 223200.000 | 26.387 | 16.913 | 60.143 | 4395.121 | 5198.049 | 2.823 | 3.535 |
| 227.525 | 1.001 | 14.721 | | | | | | |
| 1/7/2017 12:15:00 PM | 224100.000 | 26.393 | 16.913 | 60.159 | 4395.714 | 5198.762 | 2.823 | 3.535 |
| 227.494 | 1.001 | 14.720 | | | | | | |
| 1/7/2017 12:30:00 PM | 225000.000 | 26.384 | 16.913 | 60.136 | 4396.640 | 5199.824 | 2.824 | 3.536 |
| 227.446 | 1.001 | 14.723 | | | | | | |
| 1/7/2017 12:45:00 PM | 225900.000 | 26.389 | 16.912 | 60.148 | 4397.145 | 5200.474 | 2.824 | 3.536 |
| 227.420 | 1.001 | 14.716 | | | | | | |
| 1/7/2017 1:00:00 PM | 226800.000 | 26.386 | 16.912 | 60.142 | 4397.822 | 5201.275 | 2.825 | 3.537 |
| 227.385 | 1.001 | 14.720 | | | | | | |
| 1/7/2017 1:15:00 PM | 227700.000 | 26.391 | 16.912 | 60.153 | 4398.812 | 5202.476 | 2.825 | 3.538 |
| 227.334 | 1.001 | 14.717 | | | | | | |
| 1/7/2017 1:30:00 PM | 228600.000 | 26.388 | 16.911 | 60.147 | 4399.246 | 5203.072 | 2.826 | 3.538 |
| 227.312 | 1.001 | 14.717 | | | | | | |
| 1/7/2017 1:45:00 PM | 229500.000 | 26.394 | 16.912 | 60.160 | 4400.375 | 5204.377 | 2.826 | 3.539 |
| 227.253 | 1.001 | 14.714 | | | | | | |
| 1/7/2017 2:00:00 PM | 230400.000 | 26.395 | 16.912 | 60.140 | 4401.343 | 5205.531 | 2.827 | 3.540 |
| 227.203 | 1.001 | 14.723 | | | | | | |
| 1/7/2017 2:15:00 PM | 231300.000 | 26.390 | 16.912 | 60.150 | 4402.677 | 5207.047 | 2.828 | 3.541 |
| 227.135 | 1.001 | 14.721 | | | | | | |
| 1/7/2017 2:30:00 PM | 232200.000 | 26.390 | 16.912 | 60.151 | 4402.669 | 5207.037 | 2.828 | 3.541 |
| 227.135 | 1.001 | 14.715 | | | | | | |
| 1/7/2017 2:45:00 PM | 233100.000 | 26.390 | 16.912 | 60.150 | 4402.563 | 5206.932 | 2.828 | 3.541 |
| 227.140 | 1.001 | 14.724 | | | | | | |
| 1/7/2017 3:00:00 PM | 234000.000 | 26.395 | 16.911 | 60.161 | 4402.126 | 5206.510 | 2.828 | 3.540 |
| 227.163 | 1.001 | 14.718 | | | | | | |
| 1/7/2017 3:15:00 PM | 234900.000 | 26.384 | 16.912 | 60.138 | 4402.391 | 5206.720 | 2.828 | 3.541 |
| 227.149 | 1.001 | 14.732 | | | | | | |
| 1/7/2017 3:30:00 PM | 235800.000 | 26.389 | 16.912 | 60.149 | 4402.395 | 5206.733 | 2.828 | 3.541 |
| 227.149 | 1.001 | 14.728 | | | | | | |
| 1/7/2017 3:45:00 PM | 236700.000 | 26.389 | 16.913 | 60.148 | 4402.513 | 5206.812 | 2.828 | 3.541 |
| 227.143 | 1.001 | 14.731 | | | | | | |
| 1/7/2017 4:00:00 PM | 237600.000 | 26.385 | 16.912 | 60.138 | 4402.024 | 5206.245 | 2.828 | 3.540 |
| 227.168 | 1.001 | 14.735 | | | | | | |
| 1/7/2017 4:15:00 PM | 238500.000 | 26.390 | 16.912 | 60.152 | 4401.287 | 5205.415 | 2.827 | 3.540 |
| 227.206 | 1.001 | 14.736 | | | | | | |
| 1/7/2017 4:30:00 PM | 239400.000 | 26.385 | 16.912 | 60.139 | 4401.487 | 5205.640 | 2.827 | 3.540 |
| 227.196 | 1.001 | 14.738 | | | | | | |
| 1/7/2017 4:45:00 PM | 240300.000 | 26.387 | 16.912 | 60.143 | 4401.043 | 5205.135 | 2.827 | 3.539 |
| 227.219 | 1.001 | 14.738 | | | | | | |
| 1/7/2017 5:00:00 PM | 241200.000 | 26.400 | 16.912 | 60.174 | 4400.845 | 5204.870 | 2.827 | 3.539 |
| 227.229 | 1.001 | 14.731 | | | | | | |
| 1/7/2017 5:15:00 PM | 242100.000 | 26.390 | 16.912 | 60.150 | 4400.439 | 5204.399 | 2.827 | 3.539 |
| 227.250 | 1.001 | 14.738 | | | | | | |
| 1/7/2017 5:30:00 PM | 243000.000 | 26.388 | 16.912 | 60.147 | 4400.789 | 5204.846 | 2.827 | 3.539 |
| 227.232 | 1.001 | 14.738 | | | | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 26.389 | 16.912 | 60.149 | 4400.804 | 5204.873 | 2.827 | 3.539 |
| 227.231 | 1.001 | 14.734 | | | | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 26.391 | 16.912 | 60.153 | 4400.830 | 5204.833 | 2.827 | 3.539 |
| 227.230 | 1.001 | 14.734 | | | | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 26.395 | 16.913 | 60.163 | 4400.766 | 5204.736 | 2.827 | 3.539 |
| 227.233 | 1.001 | 14.728 | | | | | | |
| 1/7/2017 6:30:00 PM | 246600.000 | 26.392 | 16.912 | 60.156 | 4401.236 | 5205.343 | 2.827 | 3.540 |
| 227.209 | 1.001 | 14.735 | | | | | | |
| 1/7/2017 6:45:00 PM | 247500.000 | 26.389 | 16.912 | 60.148 | 4401.150 | 5205.282 | 2.827 | 3.540 |
| 227.213 | 1.001 | 14.743 | | | | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 26.391 | 16.912 | 60.153 | 4401.816 | 5206.061 | 2.827 | 3.540 |
| 227.179 | 1.001 | 14.743 | | | | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 26.398 | 16.912 | 60.169 | 4402.286 | 5206.616 | 2.828 | 3.540 |
| 227.155 | 1.001 | 14.741 | | | | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 26.387 | 16.912 | 60.145 | 4403.248 | 5207.763 | 2.828 | 3.541 |
| 227.105 | 1.001 | 14.750 | | | | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 26.395 | 16.912 | 60.162 | 4403.734 | 5208.297 | 2.829 | 3.542 |
| 227.080 | 1.001 | 14.753 | | | | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 26.390 | 16.912 | 60.152 | 4403.076 | 5207.499 | 2.828 | 3.541 |
| 227.114 | 1.001 | 14.761 | | | | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 26.390 | 16.913 | 60.150 | 4402.824 | 5207.170 | 2.828 | 3.541 |
| 227.127 | 1.001 | 14.756 | | | | | | |
| 1/7/2017 8:30:00 PM | 253800.000 | 26.396 | 16.912 | 60.165 | 4402.758 | 5207.113 | 2.828 | 3.541 |
| 227.130 | 1.001 | 14.756 | | | | | | |
| 1/7/2017 8:45:00 PM | 254700.000 | 26.385 | 16.912 | 60.140 | 4402.398 | 5206.697 | 2.828 | 3.541 |
| 227.149 | 1.001 | 14.763 | | | | | | |
| 1/7/2017 9:00:00 PM | 255600.000 | 26.390 | 16.912 | 60.151 | 4401.417 | 5205.597 | 2.827 | 3.540 |
| 227.200 | 1.001 | 14.762 | | | | | | |
| 1/7/2017 9:15:00 PM | 256500.000 | 26.391 | 16.912 | 60.154 | 4401.440 | 5205.604 | 2.827 | 3.540 |
| 227.198 | 1.001 | 14.764 | | | | | | |
| 1/7/2017 9:30:00 PM | 257400.000 | 26.399 | 16.912 | 60.171 | 4401.296 | 5205.413 | 2.827 | 3.540 |
| 227.206 | 1.001 | 14.760 | | | | | | |
| 1/7/2017 9:45:00 PM | 258300.000 | 26.393 | 16.912 | 60.157 | 4402.848 | 5207.302 | 2.828 | 3.541 |
| 227.126 | 1.001 | 14.754 | | | | | | |
| 1/7/2017 10:00:00 PM | 259200.000 | 26.388 | 16.912 | 60.147 | 4402.872 | 5207.340 | 2.828 | 3.541 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 227.124 | 1.001 | 14.763 | | | | | | |
| 1/7/2017 10:15:00 PM | 260100.000 | 26.405 | 16.912 | 60.184 | 4402.850 | 5207.272 | 2.828 | 3.541 |
| 227.126 | 1.001 | 14.748 | | | | | | |
| 1/7/2017 10:30:00 PM | 261000.000 | 26.400 | 16.912 | 60.175 | 4403.645 | 5208.223 | 2.829 | 3.542 |
| 227.085 | 1.001 | 14.763 | | | | | | |
| 1/7/2017 10:45:00 PM | 261900.000 | 26.399 | 16.911 | 60.171 | 4403.848 | 5208.536 | 2.829 | 3.542 |
| 227.074 | 1.001 | 14.759 | | | | | | |
| 1/7/2017 11:00:00 PM | 262800.000 | 26.401 | 16.911 | 60.175 | 4404.922 | 5209.877 | 2.830 | 3.543 |
| 227.019 | 1.001 | 14.755 | | | | | | |
| 1/7/2017 11:15:00 PM | 263700.000 | 26.406 | 16.911 | 60.188 | 4405.939 | 5210.999 | 2.830 | 3.543 |
| 226.966 | 1.001 | 14.753 | | | | | | |
| 1/7/2017 11:30:00 PM | 264600.000 | 26.413 | 16.912 | 60.204 | 4406.861 | 5212.058 | 2.831 | 3.544 |
| 226.919 | 1.001 | 14.738 | | | | | | |
| 1/7/2017 11:45:00 PM | 265500.000 | 26.414 | 16.911 | 60.206 | 4407.869 | 5213.332 | 2.832 | 3.545 |
| 226.867 | 1.001 | 14.746 | | | | | | |
| 1/8/2017 12:00:00 AM | 266400.000 | 26.413 | 16.910 | 60.203 | 4409.360 | 5215.222 | 2.833 | 3.546 |
| 226.790 | 1.001 | 14.747 | | | | | | |
| 1/8/2017 12:15:00 AM | 267300.000 | 26.408 | 16.911 | 60.192 | 4409.592 | 5215.421 | 2.833 | 3.546 |
| 226.778 | 1.001 | 14.753 | | | | | | |
| 1/8/2017 12:30:00 AM | 268200.000 | 26.408 | 16.911 | 60.193 | 4410.764 | 5216.797 | 2.834 | 3.547 |
| 226.718 | 1.001 | 14.756 | | | | | | |
| 1/8/2017 12:45:00 AM | 269100.000 | 26.416 | 16.911 | 60.211 | 4412.024 | 5218.237 | 2.835 | 3.548 |
| 226.653 | 1.001 | 14.744 | | | | | | |
| 1/8/2017 1:00:00 AM | 270000.000 | 26.419 | 16.910 | 60.217 | 4413.610 | 5220.236 | 2.836 | 3.550 |
| 226.572 | 1.001 | 14.750 | | | | | | |
| 1/8/2017 1:15:00 AM | 270900.000 | 26.415 | 16.909 | 60.207 | 4414.767 | 5221.667 | 2.836 | 3.551 |
| 226.513 | 1.001 | 14.751 | | | | | | |
| 1/8/2017 1:30:00 AM | 271800.000 | 26.435 | 16.910 | 60.255 | 4415.695 | 5222.743 | 2.837 | 3.551 |
| 226.465 | 1.001 | 14.735 | | | | | | |
| 1/8/2017 1:45:00 AM | 272700.000 | 26.429 | 16.909 | 60.239 | 4416.849 | 5224.181 | 2.838 | 3.552 |
| 226.406 | 1.001 | 14.743 | | | | | | |
| 1/8/2017 2:00:00 AM | 273600.000 | 26.441 | 16.908 | 60.268 | 4418.857 | 5226.629 | 2.839 | 3.554 |
| 226.303 | 1.001 | 14.732 | | | | | | |
| 1/8/2017 2:15:00 AM | 274500.000 | 26.442 | 16.908 | 60.269 | 4420.607 | 5228.761 | 2.841 | 3.556 |
| 226.213 | 1.001 | 14.733 | | | | | | |
| 1/8/2017 2:30:00 AM | 275400.000 | 26.441 | 16.908 | 60.268 | 4422.700 | 5231.247 | 2.842 | 3.557 |
| 226.106 | 1.001 | 14.732 | | | | | | |
| 1/8/2017 2:45:00 AM | 276300.000 | 26.465 | 16.907 | 60.321 | 4424.637 | 5233.631 | 2.843 | 3.559 |
| 226.007 | 1.001 | 14.718 | | | | | | |
| 1/8/2017 3:00:00 AM | 277200.000 | 26.452 | 16.906 | 60.293 | 4427.200 | 5236.829 | 2.845 | 3.561 |
| 225.876 | 1.001 | 14.723 | | | | | | |
| 1/8/2017 3:15:00 AM | 278100.000 | 26.466 | 16.905 | 60.324 | 4432.202 | 5242.849 | 2.849 | 3.565 |
| 225.622 | 1.001 | 14.713 | | | | | | |
| 1/8/2017 3:30:00 AM | 279000.000 | 26.462 | 16.904 | 60.315 | 4435.172 | 5246.457 | 2.851 | 3.568 |
| 225.470 | 1.001 | 14.720 | | | | | | |
| 1/8/2017 3:45:00 AM | 279900.000 | 26.471 | 16.903 | 60.336 | 4437.695 | 5249.513 | 2.853 | 3.570 |
| 225.342 | 1.001 | 14.709 | | | | | | |
| 1/8/2017 4:00:00 AM | 280800.000 | 26.475 | 16.902 | 60.344 | 4444.334 | 5257.492 | 2.857 | 3.575 |
| 225.006 | 1.001 | 14.704 | | | | | | |
| 1/8/2017 4:15:00 AM | 281700.000 | 26.490 | 16.901 | 60.379 | 4451.551 | 5266.208 | 2.862 | 3.581 |
| 224.641 | 1.001 | 14.686 | | | | | | |
| 1/8/2017 4:30:00 AM | 282600.000 | 26.490 | 16.900 | 60.378 | 4459.524 | 5275.723 | 2.868 | 3.587 |
| 224.239 | 1.001 | 14.707 | | | | | | |
| 1/8/2017 4:45:00 AM | 283500.000 | 26.486 | 16.899 | 60.371 | 4466.420 | 5284.016 | 2.873 | 3.593 |
| 223.893 | 1.001 | 14.704 | | | | | | |
| 1/8/2017 5:00:00 AM | 284400.000 | 26.489 | 16.898 | 60.377 | 4473.331 | 5292.246 | 2.877 | 3.599 |
| 223.547 | 1.001 | 14.714 | | | | | | |
| 1/8/2017 5:15:00 AM | 285300.000 | 26.501 | 16.898 | 60.404 | 4479.009 | 5299.016 | 2.881 | 3.603 |
| 223.264 | 1.001 | 14.693 | | | | | | |
| 1/8/2017 5:30:00 AM | 286200.000 | 26.506 | 16.897 | 60.416 | 4482.806 | 5303.633 | 2.884 | 3.606 |
| 223.075 | 1.001 | 14.701 | | | | | | |
| 1/8/2017 5:45:00 AM | 287100.000 | 26.515 | 16.896 | 60.435 | 4489.912 | 5312.156 | 2.889 | 3.612 |
| 222.722 | 1.001 | 14.696 | | | | | | |
| 1/8/2017 6:00:00 AM | 288000.000 | 26.516 | 16.895 | 60.437 | 4495.922 | 5319.384 | 2.893 | 3.617 |
| 222.424 | 1.001 | 14.702 | | | | | | |
| 1/8/2017 6:15:00 AM | 288900.000 | 26.521 | 16.895 | 60.449 | 4501.782 | 5326.358 | 2.897 | 3.622 |
| 222.134 | 1.001 | 14.699 | | | | | | |
| 1/8/2017 6:30:00 AM | 289800.000 | 26.525 | 16.893 | 60.458 | 4507.147 | 5332.875 | 2.901 | 3.626 |
| 221.870 | 1.001 | 14.707 | | | | | | |
| 1/8/2017 6:45:00 AM | 290700.000 | 26.530 | 16.893 | 60.469 | 4511.249 | 5337.728 | 2.904 | 3.630 |
| 221.668 | 1.001 | 14.708 | | | | | | |
| 1/8/2017 7:00:00 AM | 291600.000 | 26.530 | 16.892 | 60.469 | 4516.618 | 5344.229 | 2.907 | 3.634 |
| 221.405 | 1.001 | 14.705 | | | | | | |
| 1/8/2017 7:15:00 AM | 292500.000 | 26.537 | 16.892 | 60.485 | 4521.438 | 5349.911 | 2.911 | 3.638 |
| 221.169 | 1.001 | 14.705 | | | | | | |
| 1/8/2017 7:30:00 AM | 293400.000 | 26.541 | 16.891 | 60.496 | 4525.594 | 5354.958 | 2.914 | 3.641 |
| 220.965 | 1.001 | 14.700 | | | | | | |
| 1/8/2017 7:45:00 AM | 294300.000 | 26.542 | 16.891 | 60.497 | 4529.963 | 5360.200 | 2.917 | 3.645 |
| 220.752 | 1.001 | 14.702 | | | | | | |
| 1/8/2017 8:00:00 AM | 295200.000 | 26.548 | 16.890 | 60.512 | 4532.221 | 5362.968 | 2.918 | 3.647 |
| 220.642 | 1.001 | 14.700 | | | | | | |
| 1/8/2017 8:15:00 AM | 296100.000 | 26.549 | 16.889 | 60.513 | 4537.216 | 5368.943 | 2.922 | 3.651 |
| 220.399 | 1.001 | 14.704 | | | | | | |
| 1/8/2017 8:30:00 AM | 297000.000 | 26.547 | 16.890 | 60.510 | 4539.757 | 5371.896 | 2.923 | 3.653 |
| 220.276 | 1.001 | 14.709 | | | | | | |
| 1/8/2017 8:45:00 AM | 297900.000 | 26.548 | 16.888 | 60.511 | 4540.945 | 5373.460 | 2.924 | 3.654 |
| 220.218 | 1.001 | 14.711 | | | | | | |
| 1/8/2017 9:00:00 AM | 298800.000 | 26.551 | 16.889 | 60.518 | 4543.522 | 5376.479 | 2.926 | 3.656 |
| 220.094 | 1.001 | 14.713 | | | | | | |
| 1/8/2017 9:15:00 AM | 299700.000 | 26.549 | 16.889 | 60.514 | 4546.184 | 5379.640 | 2.928 | 3.658 |
| 219.965 | 1.001 | 14.719 | | | | | | |
| 1/8/2017 9:30:00 AM | 300600.000 | 26.558 | 16.888 | 60.534 | 4548.234 | 5382.129 | 2.929 | 3.660 |
| 219.866 | 1.001 | 14.717 | | | | | | |
| 1/8/2017 9:45:00 AM | 301500.000 | 26.546 | 16.888 | 60.507 | 4550.353 | 5384.627 | 2.931 | 3.662 |
| 219.763 | 1.001 | 14.727 | | | | | | |
| 1/8/2017 10:00:00 AM | 302400.000 | 26.557 | 16.887 | 60.531 | 4553.357 | 5388.289 | 2.933 | 3.664 |
| 219.618 | 1.001 | 14.724 | | | | | | |
| 1/8/2017 10:15:00 AM | 303300.000 | 26.559 | 16.887 | 60.536 | 4555.208 | 5390.520 | 2.934 | 3.666 |
| 219.529 | 1.001 | 14.723 | | | | | | |
| 1/8/2017 10:30:00 AM | 304200.000 | 26.563 | 16.887 | 60.544 | 4557.447 | 5393.117 | 2.936 | 3.667 |
| 219.421 | 1.001 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 AM | 305100.000 | 26.564 | 16.887 | 60.548 | 4559.330 | 5395.377 | 2.937 | 3.669 |
| 219.330 | 1.001 | 14.720 | | | | | | |
| 1/8/2017 11:00:00 AM | 306000.000 | 26.566 | 16.887 | 60.552 | 4560.702 | 5397.056 | 2.938 | 3.670 |
| 219.264 | 1.001 | 14.724 | | | | | | |
| 1/8/2017 11:15:00 AM | 306900.000 | 26.561 | 16.886 | 60.540 | 4562.802 | 5399.583 | 2.939 | 3.672 |
| 219.164 | 1.001 | 14.729 | | | | | | |
| 1/8/2017 11:30:00 AM | 307800.000 | 26.570 | 16.886 | 60.560 | 4563.934 | 5400.932 | 2.940 | 3.673 |
| 219.109 | 1.001 | 14.715 | | | | | | |
| 1/8/2017 11:45:00 AM | 308700.000 | 26.579 | 16.886 | 60.582 | 4565.768 | 5403.157 | 2.941 | 3.674 |
| 219.021 | 1.001 | 14.700 | | | | | | |
| 1/8/2017 12:00:00 PM | 309600.000 | 26.576 | 16.886 | 60.574 | 4566.165 | 5403.606 | 2.942 | 3.674 |
| 219.002 | 1.001 | 14.709 | | | | | | |
| 1/8/2017 12:15:00 PM | 310500.000 | 26.576 | 16.885 | 60.574 | 4568.735 | 5406.765 | 2.944 | 3.677 |
| 218.879 | 1.001 | 14.710 | | | | | | |
| 1/8/2017 12:30:00 PM | 311400.000 | 26.580 | 16.885 | 60.584 | 4570.527 | 5408.875 | 2.945 | 3.678 |
| 218.793 | 1.001 | 14.701 | | | | | | |
| 1/8/2017 12:45:00 PM | 312300.000 | 26.582 | 16.885 | 60.589 | 4572.325 | 5411.024 | 2.946 | 3.679 |
| 218.707 | 1.001 | 14.697 | | | | | | |
| 1/8/2017 1:00:00 PM | 313200.000 | 26.574 | 16.885 | 60.571 | 4573.708 | 5412.703 | 2.947 | 3.681 |
| 218.641 | 1.001 | 14.701 | | | | | | |
| 1/8/2017 1:15:00 PM | 314100.000 | 26.590 | 16.884 | 60.607 | 4575.193 | 5414.525 | 2.948 | 3.682 |
| 218.570 | 1.001 | 14.690 | | | | | | |
| 1/8/2017 1:30:00 PM | 315000.000 | 26.593 | 16.884 | 60.613 | 4576.883 | 5416.546 | 2.949 | 3.683 |
| 218.489 | 1.001 | 14.688 | | | | | | |
| 1/8/2017 1:45:00 PM | 315900.000 | 26.590 | 16.884 | 60.607 | 4578.558 | 5418.571 | 2.950 | 3.685 |
| 218.409 | 1.001 | 14.688 | | | | | | |
| 1/8/2017 2:00:00 PM | 316800.000 | 26.588 | 16.883 | 60.602 | 4579.959 | 5420.251 | 2.951 | 3.686 |
| 218.343 | 1.001 | 14.683 | | | | | | |
| 1/8/2017 2:15:00 PM | 317700.000 | 26.596 | 16.883 | 60.620 | 4581.280 | 5421.858 | 2.952 | 3.687 |
| 218.280 | 1.001 | 14.676 | | | | | | |
| 1/8/2017 2:30:00 PM | 318600.000 | 26.581 | 16.883 | 60.587 | 4582.867 | 5423.714 | 2.953 | 3.688 |
| 218.204 | 1.001 | 14.685 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/8/2017 2:45:00 PM | 319500.000 | 26.582 | 16.883 | 60.587 | 4584.290 | 5425.463 | 2.954 | 3.689 |
| 218.136 | 1.001 | 14.694 | | | | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 26.592 | 16.882 | 60.611 | 4585.859 | 5427.352 | 2.955 | 3.691 |
| 218.062 | 1.001 | 14.684 | | | | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 26.587 | 16.883 | 60.601 | 4586.704 | 5428.331 | 2.956 | 3.691 |
| 218.021 | 1.001 | 14.686 | | | | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 26.591 | 16.883 | 60.609 | 4587.928 | 5429.757 | 2.957 | 3.692 |
| 217.963 | 1.001 | 14.683 | | | | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 26.589 | 16.882 | 60.604 | 4589.410 | 5431.587 | 2.958 | 3.693 |
| 217.893 | 1.001 | 14.689 | | | | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 26.587 | 16.882 | 60.601 | 4590.201 | 5432.534 | 2.958 | 3.694 |
| 217.855 | 1.001 | 14.691 | | | | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 26.585 | 16.883 | 60.596 | 4589.891 | 5432.092 | 2.958 | 3.694 |
| 217.870 | 1.001 | 14.695 | | | | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 26.596 | 16.882 | 60.620 | 4590.218 | 5432.500 | 2.958 | 3.694 |
| 217.855 | 1.001 | 14.686 | | | | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 26.588 | 16.882 | 60.603 | 4590.333 | 5432.647 | 2.959 | 3.694 |
| 217.849 | 1.001 | 14.684 | | | | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 26.591 | 16.882 | 60.609 | 4589.660 | 5431.894 | 2.958 | 3.694 |
| 217.881 | 1.001 | 14.687 | | | | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 26.594 | 16.883 | 60.615 | 4589.849 | 5432.031 | 2.958 | 3.694 |
| 217.872 | 1.001 | 14.689 | | | | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 26.590 | 16.883 | 60.607 | 4589.194 | 5431.256 | 2.958 | 3.693 |
| 217.903 | 1.001 | 14.693 | | | | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 26.597 | 16.883 | 60.624 | 4589.639 | 5431.804 | 2.958 | 3.694 |
| 217.882 | 1.001 | 14.686 | | | | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 26.593 | 16.882 | 60.613 | 4588.740 | 5430.752 | 2.957 | 3.693 |
| 217.925 | 1.001 | 14.689 | | | | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 26.598 | 16.884 | 60.624 | 4587.836 | 5429.552 | 2.957 | 3.692 |
| 217.968 | 1.001 | 14.687 | | | | | | |
| 1/8/2017 6:30:00 PM | 333000.000 | 26.590 | 16.883 | 60.606 | 4587.762 | 5429.562 | 2.957 | 3.692 |
| 217.971 | 1.001 | 14.696 | | | | | | |
| 1/8/2017 6:45:00 PM | 333900.000 | 26.584 | 16.882 | 60.594 | 4586.854 | 5428.551 | 2.956 | 3.691 |
| 218.014 | 1.001 | 14.703 | | | | | | |
| 1/8/2017 7:00:00 PM | 334800.000 | 26.581 | 16.883 | 60.587 | 4586.423 | 5427.988 | 2.956 | 3.691 |
| 218.035 | 1.001 | 14.704 | | | | | | |
| 1/8/2017 7:15:00 PM | 335700.000 | 26.589 | 16.882 | 60.605 | 4585.412 | 5426.813 | 2.955 | 3.690 |
| 218.083 | 1.001 | 14.702 | | | | | | |
| 1/8/2017 7:30:00 PM | 336600.000 | 26.588 | 16.883 | 60.602 | 4583.903 | 5424.963 | 2.954 | 3.689 |
| 218.155 | 1.001 | 14.704 | | | | | | |
| 1/8/2017 7:45:00 PM | 337500.000 | 26.587 | 16.883 | 60.600 | 4583.317 | 5424.247 | 2.954 | 3.688 |
| 218.183 | 1.001 | 14.711 | | | | | | |
| 1/8/2017 8:00:00 PM | 338400.000 | 26.593 | 16.884 | 60.613 | 4582.085 | 5422.736 | 2.953 | 3.687 |
| 218.241 | 1.001 | 14.702 | | | | | | |
| 1/8/2017 8:15:00 PM | 339300.000 | 26.596 | 16.883 | 60.620 | 4581.365 | 5421.915 | 2.952 | 3.687 |
| 218.276 | 1.001 | 14.705 | | | | | | |
| 1/8/2017 8:30:00 PM | 340200.000 | 26.594 | 16.884 | 60.615 | 4580.050 | 5420.337 | 2.951 | 3.686 |
| 218.338 | 1.001 | 14.703 | | | | | | |
| 1/8/2017 8:45:00 PM | 341100.000 | 26.595 | 16.884 | 60.618 | 4578.632 | 5418.606 | 2.950 | 3.685 |
| 218.406 | 1.001 | 14.706 | | | | | | |
| 1/8/2017 9:00:00 PM | 342000.000 | 26.592 | 16.884 | 60.611 | 4577.069 | 5416.778 | 2.949 | 3.683 |
| 218.480 | 1.001 | 14.710 | | | | | | |
| 1/8/2017 9:15:00 PM | 342900.000 | 26.589 | 16.884 | 60.604 | 4576.543 | 5416.134 | 2.949 | 3.683 |
| 218.506 | 1.001 | 14.715 | | | | | | |
| 1/8/2017 9:30:00 PM | 343800.000 | 26.584 | 16.883 | 60.593 | 4575.319 | 5414.772 | 2.948 | 3.682 |
| 218.564 | 1.001 | 14.714 | | | | | | |
| 1/8/2017 9:45:00 PM | 344700.000 | 26.585 | 16.884 | 60.596 | 4574.361 | 5413.552 | 2.947 | 3.681 |
| 218.610 | 1.001 | 14.718 | | | | | | |
| 1/8/2017 10:00:00 PM | 345600.000 | 26.586 | 16.884 | 60.597 | 4574.191 | 5413.352 | 2.947 | 3.681 |
| 218.618 | 1.001 | 14.717 | | | | | | |
| 1/8/2017 10:15:00 PM | 346500.000 | 26.586 | 16.884 | 60.599 | 4573.236 | 5412.242 | 2.947 | 3.680 |
| 218.664 | 1.001 | 14.717 | | | | | | |
| 1/8/2017 10:30:00 PM | 347400.000 | 26.579 | 16.884 | 60.581 | 4572.435 | 5411.229 | 2.946 | 3.680 |
| 218.702 | 1.001 | 14.722 | | | | | | |
| 1/8/2017 10:45:00 PM | 348300.000 | 26.587 | 16.884 | 60.599 | 4570.485 | 5408.965 | 2.945 | 3.678 |
| 218.795 | 1.001 | 14.716 | | | | | | |
| 1/8/2017 11:00:00 PM | 349200.000 | 26.586 | 16.884 | 60.597 | 4569.719 | 5408.046 | 2.944 | 3.677 |
| 218.832 | 1.001 | 14.719 | | | | | | |
| 1/8/2017 11:15:00 PM | 350100.000 | 26.588 | 16.885 | 60.603 | 4569.564 | 5407.789 | 2.944 | 3.677 |
| 218.839 | 1.001 | 14.719 | | | | | | |
| 1/8/2017 11:30:00 PM | 351000.000 | 26.582 | 16.884 | 60.590 | 4568.711 | 5406.812 | 2.944 | 3.677 |
| 218.880 | 1.001 | 14.725 | | | | | | |
| 1/8/2017 11:45:00 PM | 351900.000 | 26.583 | 16.885 | 60.590 | 4567.059 | 5404.760 | 2.942 | 3.675 |
| 218.959 | 1.001 | 14.728 | | | | | | |
| 1/9/2017 12:00:00 AM | 352800.000 | 26.579 | 16.885 | 60.582 | 4566.419 | 5404.013 | 2.942 | 3.675 |
| 218.990 | 1.001 | 14.733 | | | | | | |
| 1/9/2017 12:15:00 AM | 353700.000 | 26.593 | 16.885 | 60.613 | 4565.596 | 5403.092 | 2.941 | 3.674 |
| 219.029 | 1.001 | 14.728 | | | | | | |
| 1/9/2017 12:30:00 AM | 354600.000 | 26.584 | 16.885 | 60.593 | 4564.746 | 5402.012 | 2.941 | 3.673 |
| 219.070 | 1.001 | 14.727 | | | | | | |
| 1/9/2017 12:45:00 AM | 355500.000 | 26.589 | 16.886 | 60.605 | 4563.736 | 5400.786 | 2.940 | 3.673 |
| 219.119 | 1.001 | 14.720 | | | | | | |
| 1/9/2017 1:00:00 AM | 356400.000 | 26.586 | 16.885 | 60.597 | 4562.803 | 5399.691 | 2.939 | 3.672 |
| 219.164 | 1.001 | 14.721 | | | | | | |
| 1/9/2017 1:15:00 AM | 357300.000 | 26.584 | 16.886 | 60.593 | 4561.717 | 5398.385 | 2.939 | 3.671 |
| 219.216 | 1.001 | 14.721 | | | | | | |
| 1/9/2017 1:30:00 AM | 358200.000 | 26.582 | 16.885 | 60.590 | 4560.704 | 5397.208 | 2.938 | 3.670 |
| 219.264 | 1.001 | 14.722 | | | | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 26.596 | 16.885 | 60.620 | 4559.918 | 5396.331 | 2.938 | 3.670 |
| 219.302 | 1.001 | 14.710 | | | | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 26.586 | 16.885 | 60.599 | 4560.196 | 5396.649 | 2.938 | 3.670 |
| 219.289 | 1.001 | 14.722 | | | | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 26.591 | 16.885 | 60.610 | 4560.844 | 5397.384 | 2.938 | 3.670 |
| 219.258 | 1.001 | 14.723 | | | | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 26.579 | 16.885 | 60.583 | 4561.028 | 5397.612 | 2.938 | 3.670 |
| 219.249 | 1.001 | 14.736 | | | | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 26.584 | 16.886 | 60.593 | 4560.249 | 5396.593 | 2.938 | 3.670 |
| 219.286 | 1.001 | 14.740 | | | | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 26.589 | 16.886 | 60.604 | 4558.922 | 5395.078 | 2.937 | 3.669 |
| 219.350 | 1.001 | 14.739 | | | | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 26.575 | 16.886 | 60.572 | 4557.780 | 5393.662 | 2.936 | 3.668 |
| 219.405 | 1.001 | 14.746 | | | | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 26.588 | 16.886 | 60.602 | 4556.338 | 5391.965 | 2.935 | 3.667 |
| 219.475 | 1.001 | 14.738 | | | | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 26.586 | 16.886 | 60.597 | 4555.116 | 5390.551 | 2.934 | 3.666 |
| 219.533 | 1.001 | 14.739 | | | | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 26.589 | 16.886 | 60.605 | 4553.472 | 5388.605 | 2.933 | 3.664 |
| 219.613 | 1.001 | 14.737 | | | | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 26.588 | 16.886 | 60.601 | 4552.622 | 5387.558 | 2.932 | 3.664 |
| 219.654 | 1.001 | 14.738 | | | | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 26.574 | 16.886 | 60.571 | 4552.656 | 5387.565 | 2.932 | 3.664 |
| 219.652 | 1.001 | 14.748 | | | | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 26.578 | 16.886 | 60.580 | 4551.464 | 5386.176 | 2.932 | 3.663 |
| 219.710 | 1.001 | 14.751 | | | | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 26.588 | 16.886 | 60.601 | 4551.496 | 5386.213 | 2.932 | 3.663 |
| 219.708 | 1.001 | 14.741 | | | | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 26.589 | 16.886 | 60.604 | 4550.589 | 5385.152 | 2.931 | 3.662 |
| 219.752 | 1.001 | 14.738 | | | | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 26.574 | 16.887 | 60.570 | 4551.048 | 5385.631 | 2.931 | 3.662 |
| 219.730 | 1.001 | 14.750 | | | | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 26.583 | 16.886 | 60.590 | 4550.324 | 5384.818 | 2.931 | 3.662 |
| 219.765 | 1.001 | 14.746 | | | | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 26.587 | 16.886 | 60.600 | 4549.892 | 5384.306 | 2.931 | 3.661 |
| 219.785 | 1.001 | 14.741 | | | | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 26.580 | 16.887 | 60.585 | 4550.109 | 5384.529 | 2.931 | 3.661 |
| 219.775 | 1.001 | 14.750 | | | | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 26.581 | 16.887 | 60.587 | 4550.059 | 5384.470 | 2.931 | 3.661 |
| 219.777 | 1.001 | 14.754 | | | | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 26.583 | 16.887 | 60.591 | 4549.766 | 5384.114 | 2.930 | 3.661 |
| 219.792 | 1.001 | 14.749 | | | | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 26.587 | 16.886 | 60.599 | 4550.196 | 5384.666 | 2.931 | 3.662 |
| 219.771 | 1.001 | 14.754 | | | | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 26.581 | 16.886 | 60.586 | 4549.583 | 5383.972 | 2.930 | 3.661 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 219.800 | 1.001 | 14.761 | | | | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 26.587 | 16.887 | 60.601 | 4549.078 | 5383.288 | 2.930 | 3.661 |
| 219.825 | 1.001 | 14.760 | | | | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 26.590 | 16.886 | 60.584 | 4548.096 | 5382.202 | 2.929 | 3.660 |
| 219.872 | 1.001 | 14.766 | | | | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 26.582 | 16.887 | 60.589 | 4547.189 | 5381.053 | 2.929 | 3.659 |
| 219.916 | 1.001 | 14.766 | | | | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 26.586 | 16.887 | 60.598 | 4546.629 | 5380.402 | 2.928 | 3.659 |
| 219.943 | 1.001 | 14.765 | | | | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 26.582 | 16.887 | 60.589 | 4546.029 | 5379.692 | 2.928 | 3.658 |
| 219.972 | 1.001 | 14.769 | | | | | | |
| 1/9/2017 8:45:00 AM | 384300.000 | 26.581 | 16.887 | 60.586 | 4544.957 | 5378.380 | 2.927 | 3.657 |
| 220.024 | 1.001 | 14.775 | | | | | | |
| 1/9/2017 9:00:00 AM | 385200.000 | 26.584 | 16.887 | 60.594 | 4544.408 | 5377.741 | 2.927 | 3.657 |
| 220.051 | 1.001 | 14.771 | | | | | | |
| 1/9/2017 9:15:00 AM | 386100.000 | 26.583 | 16.887 | 60.591 | 4543.896 | 5377.134 | 2.926 | 3.656 |
| 220.075 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 9:30:00 AM | 387000.000 | 26.577 | 16.887 | 60.577 | 4543.357 | 5376.476 | 2.926 | 3.656 |
| 220.102 | 1.001 | 14.786 | | | | | | |
| 1/9/2017 9:45:00 AM | 387900.000 | 26.579 | 16.887 | 60.582 | 4542.926 | 5375.965 | 2.926 | 3.656 |
| 220.122 | 1.001 | 14.787 | | | | | | |
| 1/9/2017 10:00:00 AM | 388800.000 | 26.582 | 16.887 | 60.589 | 4541.896 | 5374.747 | 2.925 | 3.655 |
| 220.172 | 1.001 | 14.790 | | | | | | |
| 1/9/2017 10:15:00 AM | 389700.000 | 26.580 | 16.887 | 60.584 | 4541.446 | 5374.172 | 2.925 | 3.654 |
| 220.194 | 1.001 | 14.796 | | | | | | |
| 1/9/2017 10:30:00 AM | 390600.000 | 26.581 | 16.887 | 60.586 | 4541.343 | 5374.082 | 2.925 | 3.654 |
| 220.199 | 1.001 | 14.796 | | | | | | |
| 1/9/2017 10:45:00 AM | 391500.000 | 26.579 | 16.888 | 60.582 | 4540.133 | 5372.586 | 2.924 | 3.653 |
| 220.258 | 1.001 | 14.803 | | | | | | |
| 1/9/2017 11:00:00 AM | 392400.000 | 26.582 | 16.887 | 60.589 | 4540.237 | 5372.838 | 2.924 | 3.654 |
| 220.253 | 1.001 | 14.799 | | | | | | |
| 1/9/2017 11:15:00 AM | 393300.000 | 26.576 | 16.888 | 60.576 | 4538.818 | 5371.052 | 2.923 | 3.652 |
| 220.322 | 1.001 | 14.804 | | | | | | |
| 1/9/2017 11:30:00 AM | 394200.000 | 26.579 | 16.887 | 60.582 | 4538.770 | 5371.016 | 2.923 | 3.652 |
| 220.324 | 1.001 | 14.794 | | | | | | |
| 1/9/2017 11:45:00 AM | 395100.000 | 26.582 | 16.887 | 60.589 | 4538.277 | 5370.475 | 2.923 | 3.652 |
| 220.348 | 1.001 | 14.784 | | | | | | |
| 1/9/2017 12:00:00 PM | 396000.000 | 26.587 | 16.887 | 60.599 | 4537.908 | 5370.027 | 2.922 | 3.652 |
| 220.366 | 1.001 | 14.781 | | | | | | |
| 1/9/2017 12:15:00 PM | 396900.000 | 26.596 | 16.887 | 60.621 | 4538.184 | 5370.322 | 2.922 | 3.652 |
| 220.352 | 1.001 | 14.773 | | | | | | |
| 1/9/2017 12:30:00 PM | 397800.000 | 26.588 | 16.888 | 60.603 | 4538.661 | 5370.865 | 2.923 | 3.652 |
| 220.329 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 12:45:00 PM | 398700.000 | 26.589 | 16.886 | 60.605 | 4539.195 | 5371.710 | 2.923 | 3.653 |
| 220.303 | 1.001 | 14.782 | | | | | | |
| 1/9/2017 1:00:00 PM | 399600.000 | 26.593 | 16.887 | 60.614 | 4540.636 | 5373.298 | 2.924 | 3.654 |
| 220.233 | 1.001 | 14.772 | | | | | | |
| 1/9/2017 1:15:00 PM | 400500.000 | 26.594 | 16.887 | 60.615 | 4542.103 | 5375.034 | 2.925 | 3.655 |
| 220.162 | 1.001 | 14.768 | | | | | | |
| 1/9/2017 1:30:00 PM | 401400.000 | 26.596 | 16.887 | 60.620 | 4543.163 | 5376.267 | 2.926 | 3.656 |
| 220.111 | 1.001 | 14.768 | | | | | | |
| 1/9/2017 1:45:00 PM | 402300.000 | 26.594 | 16.886 | 60.616 | 4543.866 | 5377.206 | 2.926 | 3.656 |
| 220.077 | 1.001 | 14.773 | | | | | | |
| 1/9/2017 2:00:00 PM | 403200.000 | 26.584 | 16.886 | 60.593 | 4543.715 | 5377.005 | 2.926 | 3.656 |
| 220.084 | 1.001 | 14.785 | | | | | | |
| 1/9/2017 2:15:00 PM | 404100.000 | 26.588 | 16.886 | 60.601 | 4544.088 | 5377.447 | 2.927 | 3.657 |
| 220.066 | 1.001 | 14.780 | | | | | | |
| 1/9/2017 2:30:00 PM | 405000.000 | 26.592 | 16.886 | 60.612 | 4544.188 | 5377.586 | 2.927 | 3.657 |
| 220.061 | 1.001 | 14.780 | | | | | | |
| 1/9/2017 2:45:00 PM | 405900.000 | 26.593 | 16.886 | 60.613 | 4544.180 | 5377.534 | 2.927 | 3.657 |
| 220.062 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 3:00:00 PM | 406800.000 | 26.589 | 16.887 | 60.604 | 4543.525 | 5376.717 | 2.926 | 3.656 |
| 220.093 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 3:15:00 PM | 407700.000 | 26.589 | 16.887 | 60.605 | 4542.191 | 5375.129 | 2.925 | 3.655 |
| 220.158 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 3:30:00 PM | 408600.000 | 26.588 | 16.886 | 60.603 | 4541.616 | 5374.512 | 2.925 | 3.655 |
| 220.186 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 3:45:00 PM | 409500.000 | 26.598 | 16.886 | 60.624 | 4540.529 | 5373.214 | 2.924 | 3.654 |
| 220.239 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 26.590 | 16.887 | 60.606 | 4540.314 | 5372.917 | 2.924 | 3.654 |
| 220.249 | 1.001 | 14.778 | | | | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 26.590 | 16.887 | 60.606 | 4540.653 | 5373.296 | 2.924 | 3.654 |
| 220.233 | 1.001 | 14.782 | | | | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 26.594 | 16.887 | 60.615 | 4540.826 | 5373.460 | 2.924 | 3.654 |
| 220.224 | 1.001 | 14.775 | | | | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 26.592 | 16.887 | 60.612 | 4540.143 | 5372.683 | 2.924 | 3.653 |
| 220.257 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 26.594 | 16.887 | 60.617 | 4539.731 | 5372.218 | 2.924 | 3.653 |
| 220.277 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 26.596 | 16.887 | 60.620 | 4539.617 | 5372.039 | 2.923 | 3.653 |
| 220.283 | 1.001 | 14.773 | | | | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 26.602 | 16.887 | 60.635 | 4539.194 | 5371.613 | 2.923 | 3.653 |
| 220.303 | 1.001 | 14.770 | | | | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 26.599 | 16.887 | 60.626 | 4539.798 | 5372.297 | 2.924 | 3.653 |
| 220.274 | 1.001 | 14.765 | | | | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 26.602 | 16.887 | 60.633 | 4538.840 | 5371.163 | 2.923 | 3.652 |
| 220.321 | 1.001 | 14.769 | | | | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 26.594 | 16.888 | 60.615 | 4537.855 | 5369.912 | 2.922 | 3.652 |
| 220.368 | 1.001 | 14.773 | | | | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 26.589 | 16.887 | 60.605 | 4538.246 | 5370.427 | 2.923 | 3.652 |
| 220.349 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 26.596 | 16.887 | 60.620 | 4537.793 | 5369.913 | 2.922 | 3.652 |
| 220.371 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 26.598 | 16.887 | 60.626 | 4537.142 | 5369.079 | 2.922 | 3.651 |
| 220.403 | 1.001 | 14.774 | | | | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 26.590 | 16.887 | 60.607 | 4537.262 | 5369.242 | 2.922 | 3.651 |
| 220.397 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 7:30:00 PM | 423000.000 | 26.595 | 16.887 | 60.618 | 4536.332 | 5368.131 | 2.921 | 3.650 |
| 220.442 | 1.001 | 14.778 | | | | | | |
| 1/9/2017 7:45:00 PM | 423900.000 | 26.594 | 16.887 | 60.616 | 4536.019 | 5367.825 | 2.921 | 3.650 |
| 220.458 | 1.001 | 14.775 | | | | | | |
| 1/9/2017 8:00:00 PM | 424800.000 | 26.599 | 16.887 | 60.628 | 4535.135 | 5366.757 | 2.920 | 3.649 |
| 220.501 | 1.001 | 14.777 | | | | | | |
| 1/9/2017 8:15:00 PM | 425700.000 | 26.591 | 16.887 | 60.609 | 4535.216 | 5366.842 | 2.920 | 3.649 |
| 220.497 | 1.001 | 14.786 | | | | | | |
| 1/9/2017 8:30:00 PM | 426600.000 | 26.589 | 16.888 | 60.606 | 4535.173 | 5366.738 | 2.920 | 3.649 |
| 220.499 | 1.001 | 14.782 | | | | | | |
| 1/9/2017 8:45:00 PM | 427500.000 | 26.600 | 16.887 | 60.630 | 4534.283 | 5365.706 | 2.920 | 3.649 |
| 220.542 | 1.001 | 14.774 | | | | | | |
| 1/9/2017 9:00:00 PM | 428400.000 | 26.595 | 16.888 | 60.618 | 4534.255 | 5365.544 | 2.920 | 3.649 |
| 220.543 | 1.001 | 14.783 | | | | | | |
| 1/9/2017 9:15:00 PM | 429300.000 | 26.596 | 16.887 | 60.622 | 4533.032 | 5364.236 | 2.919 | 3.648 |
| 220.603 | 1.001 | 14.780 | | | | | | |
| 1/9/2017 9:30:00 PM | 430200.000 | 26.605 | 16.888 | 60.641 | 4532.586 | 5363.634 | 2.919 | 3.647 |
| 220.625 | 1.001 | 14.771 | | | | | | |
| 1/9/2017 9:45:00 PM | 431100.000 | 26.598 | 16.887 | 60.626 | 4531.842 | 5362.829 | 2.918 | 3.647 |
| 220.661 | 1.001 | 14.775 | | | | | | |
| 1/9/2017 10:00:00 PM | 432000.000 | 26.599 | 16.888 | 60.627 | 4532.074 | 5363.049 | 2.918 | 3.647 |
| 220.650 | 1.001 | 14.775 | | | | | | |
| 1/9/2017 10:15:00 PM | 432900.000 | 26.595 | 16.887 | 60.618 | 4531.899 | 5362.896 | 2.918 | 3.647 |
| 220.658 | 1.001 | 14.779 | | | | | | |
| 1/9/2017 10:30:00 PM | 433800.000 | 26.593 | 16.888 | 60.614 | 4532.085 | 5363.083 | 2.918 | 3.647 |
| 220.649 | 1.001 | 14.785 | | | | | | |
| 1/9/2017 10:45:00 PM | 434700.000 | 26.595 | 16.887 | 60.618 | 4531.802 | 5362.760 | 2.918 | 3.647 |
| 220.663 | 1.001 | 14.780 | | | | | | |
| 1/9/2017 11:00:00 PM | 435600.000 | 26.603 | 16.887 | 60.636 | 4531.794 | 5362.751 | 2.918 | 3.647 |
| 220.663 | 1.001 | 14.776 | | | | | | |
| 1/9/2017 11:15:00 PM | 436500.000 | 26.599 | 16.887 | 60.626 | 4531.443 | 5362.335 | 2.918 | 3.646 |
| 220.680 | 1.001 | 14.783 | | | | | | |
| 1/9/2017 11:30:00 PM | 437400.000 | 26.601 | 16.888 | 60.632 | 4531.036 | 5361.843 | 2.918 | 3.646 |
| 220.700 | 1.001 | 14.772 | | | | | | |
| 1/9/2017 11:45:00 PM | 438300.000 | 26.604 | 16.887 | 60.639 | 4530.895 | 5361.687 | 2.917 | 3.646 |
| 220.707 | 1.001 | 14.769 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/10/2017 12:00:00 AM | 439200.000 | 26.606 | 16.887 | 60.643 | 4529.949 | 5360.588 | 2.917 | 3.645 |
| 220.753 | 1.001 | 14.772 | | | | | | |
| 1/10/2017 12:15:00 AM | 440100.000 | 26.594 | 16.887 | 60.617 | 4529.889 | 5360.506 | 2.917 | 3.645 |
| 220.756 | 1.001 | 14.777 | | | | | | |
| 1/10/2017 12:30:00 AM | 441000.000 | 26.600 | 16.888 | 60.630 | 4530.824 | 5361.570 | 2.917 | 3.646 |
| 220.710 | 1.001 | 14.776 | | | | | | |
| 1/10/2017 12:45:00 AM | 441900.000 | 26.598 | 16.888 | 60.625 | 4530.680 | 5361.389 | 2.917 | 3.646 |
| 220.717 | 1.001 | 14.769 | | | | | | |
| 1/10/2017 1:00:00 AM | 442800.000 | 26.603 | 16.888 | 60.637 | 4531.151 | 5361.948 | 2.918 | 3.646 |
| 220.694 | 1.001 | 14.766 | | | | | | |
| 1/10/2017 1:15:00 AM | 443700.000 | 26.599 | 16.887 | 60.627 | 4531.227 | 5362.121 | 2.918 | 3.646 |
| 220.691 | 1.001 | 14.770 | | | | | | |
| 1/10/2017 1:30:00 AM | 444600.000 | 26.600 | 16.888 | 60.630 | 4530.541 | 5361.256 | 2.917 | 3.646 |
| 220.724 | 1.001 | 14.767 | | | | | | |
| 1/10/2017 1:45:00 AM | 445500.000 | 26.595 | 16.888 | 60.618 | 4530.730 | 5361.470 | 2.917 | 3.646 |
| 220.715 | 1.001 | 14.772 | | | | | | |
| 1/10/2017 2:00:00 AM | 446400.000 | 26.601 | 16.888 | 60.632 | 4530.771 | 5361.528 | 2.917 | 3.646 |
| 220.713 | 1.001 | 14.771 | | | | | | |
| 1/10/2017 2:15:00 AM | 447300.000 | 26.604 | 16.888 | 60.638 | 4530.475 | 5361.146 | 2.917 | 3.646 |
| 220.727 | 1.001 | 14.766 | | | | | | |
| 1/10/2017 2:30:00 AM | 448200.000 | 26.600 | 16.888 | 60.629 | 4530.676 | 5361.407 | 2.917 | 3.646 |
| 220.718 | 1.001 | 14.769 | | | | | | |
| 1/10/2017 2:45:00 AM | 449100.000 | 26.592 | 16.888 | 60.612 | 4530.732 | 5361.452 | 2.917 | 3.646 |
| 220.715 | 1.001 | 14.770 | | | | | | |
| 1/10/2017 3:00:00 AM | 450000.000 | 26.601 | 16.887 | 60.632 | 4530.948 | 5361.770 | 2.917 | 3.646 |
| 220.704 | 1.001 | 14.762 | | | | | | |
| 1/10/2017 3:15:00 AM | 450900.000 | 26.605 | 16.888 | 60.640 | 4530.208 | 5360.862 | 2.917 | 3.645 |
| 220.740 | 1.001 | 14.759 | | | | | | |
| 1/10/2017 3:30:00 AM | 451800.000 | 26.608 | 16.888 | 60.649 | 4529.468 | 5359.977 | 2.916 | 3.645 |
| 220.776 | 1.001 | 14.754 | | | | | | |
| 1/10/2017 3:45:00 AM | 452700.000 | 26.603 | 16.888 | 60.637 | 4529.775 | 5360.340 | 2.917 | 3.645 |
| 220.762 | 1.001 | 14.757 | | | | | | |
| 1/10/2017 4:00:00 AM | 453600.000 | 26.600 | 16.887 | 60.628 | 4529.138 | 5359.629 | 2.916 | 3.645 |
| 220.793 | 1.001 | 14.761 | | | | | | |
| 1/10/2017 4:15:00 AM | 454500.000 | 26.602 | 16.887 | 60.635 | 4529.146 | 5359.658 | 2.916 | 3.645 |
| 220.792 | 1.001 | 14.753 | | | | | | |
| 1/10/2017 4:30:00 AM | 455400.000 | 26.605 | 16.887 | 60.642 | 4529.457 | 5360.006 | 2.916 | 3.645 |
| 220.777 | 1.001 | 14.749 | | | | | | |
| 1/10/2017 4:45:00 AM | 456300.000 | 26.610 | 16.888 | 60.652 | 4530.192 | 5360.844 | 2.917 | 3.645 |
| 220.741 | 1.001 | 14.744 | | | | | | |
| 1/10/2017 5:00:00 AM | 457200.000 | 26.606 | 16.887 | 60.644 | 4530.158 | 5360.890 | 2.917 | 3.645 |
| 220.743 | 1.001 | 14.744 | | | | | | |
| 1/10/2017 5:15:00 AM | 458100.000 | 26.613 | 16.887 | 60.660 | 4530.648 | 5361.426 | 2.917 | 3.646 |
| 220.719 | 1.001 | 14.733 | | | | | | |
| 1/10/2017 5:30:00 AM | 459000.000 | 26.604 | 16.887 | 60.640 | 4531.423 | 5362.312 | 2.918 | 3.646 |
| 220.681 | 1.001 | 14.741 | | | | | | |
| 1/10/2017 5:45:00 AM | 459900.000 | 26.610 | 16.886 | 60.653 | 4530.917 | 5361.830 | 2.918 | 3.646 |
| 220.706 | 1.001 | 14.735 | | | | | | |
| 1/10/2017 6:00:00 AM | 460800.000 | 26.603 | 16.887 | 60.638 | 4531.092 | 5362.004 | 2.918 | 3.646 |
| 220.697 | 1.001 | 14.741 | | | | | | |
| 1/10/2017 6:15:00 AM | 461700.000 | 26.608 | 16.887 | 60.648 | 4530.674 | 5361.447 | 2.917 | 3.646 |
| 220.718 | 1.001 | 14.740 | | | | | | |
| 1/10/2017 6:30:00 AM | 462600.000 | 26.610 | 16.886 | 60.653 | 4530.910 | 5361.831 | 2.918 | 3.646 |
| 220.706 | 1.001 | 14.733 | | | | | | |
| 1/10/2017 6:45:00 AM | 463500.000 | 26.612 | 16.887 | 60.658 | 4530.830 | 5361.651 | 2.917 | 3.646 |
| 220.710 | 1.001 | 14.734 | | | | | | |
| 1/10/2017 7:00:00 AM | 464400.000 | 26.605 | 16.887 | 60.640 | 4530.724 | 5361.526 | 2.917 | 3.646 |
| 220.715 | 1.001 | 14.742 | | | | | | |
| 1/10/2017 7:15:00 AM | 465300.000 | 26.607 | 16.888 | 60.646 | 4530.106 | 5360.711 | 2.917 | 3.645 |
| 220.745 | 1.001 | 14.741 | | | | | | |
| 1/10/2017 7:30:00 AM | 466200.000 | 26.605 | 16.888 | 60.641 | 4529.854 | 5360.380 | 2.917 | 3.645 |
| 220.758 | 1.001 | 14.740 | | | | | | |
| 1/10/2017 7:45:00 AM | 467100.000 | 26.607 | 16.887 | 60.647 | 4529.775 | 5360.415 | 2.917 | 3.645 |
| 220.762 | 1.001 | 14.737 | | | | | | |
| 1/10/2017 8:00:00 AM | 468000.000 | 26.612 | 16.887 | 60.657 | 4529.614 | 5360.181 | 2.917 | 3.645 |
| 220.769 | 1.001 | 14.739 | | | | | | |
| 1/10/2017 8:15:00 AM | 468900.000 | 26.612 | 16.888 | 60.657 | 4530.004 | 5360.569 | 2.917 | 3.645 |
| 220.750 | 1.001 | 14.737 | | | | | | |
| 1/10/2017 8:30:00 AM | 469800.000 | 26.610 | 16.887 | 60.653 | 4528.655 | 5359.046 | 2.916 | 3.644 |
| 220.816 | 1.001 | 14.739 | | | | | | |
| 1/10/2017 8:45:00 AM | 470700.000 | 26.608 | 16.888 | 60.647 | 4527.869 | 5358.095 | 2.915 | 3.644 |
| 220.854 | 1.001 | 14.743 | | | | | | |
| 1/10/2017 9:00:00 AM | 471600.000 | 26.608 | 16.887 | 60.648 | 4528.032 | 5358.340 | 2.915 | 3.644 |
| 220.846 | 1.001 | 14.740 | | | | | | |
| 1/10/2017 9:15:00 AM | 472500.000 | 26.606 | 16.888 | 60.643 | 4527.400 | 5357.498 | 2.915 | 3.643 |
| 220.877 | 1.001 | 14.747 | | | | | | |
| 1/10/2017 9:30:00 AM | 473400.000 | 26.598 | 16.887 | 60.626 | 4527.388 | 5357.547 | 2.915 | 3.643 |
| 220.878 | 1.001 | 14.749 | | | | | | |
| 1/10/2017 9:45:00 AM | 474300.000 | 26.606 | 16.887 | 60.644 | 4526.438 | 5356.444 | 2.914 | 3.642 |
| 220.924 | 1.001 | 14.749 | | | | | | |
| 1/10/2017 10:00:00 AM | 475200.000 | 26.610 | 16.888 | 60.652 | 4526.045 | 5355.884 | 2.914 | 3.642 |
| 220.943 | 1.001 | 14.750 | | | | | | |
| 1/10/2017 10:15:00 AM | 476100.000 | 26.609 | 16.888 | 60.650 | 4526.274 | 5356.207 | 2.914 | 3.642 |
| 220.932 | 1.001 | 14.746 | | | | | | |
| 1/10/2017 10:30:00 AM | 477000.000 | 26.607 | 16.888 | 60.645 | 4525.651 | 5355.438 | 2.914 | 3.642 |
| 220.963 | 1.001 | 14.743 | | | | | | |
| 1/10/2017 10:45:00 AM | 477900.000 | 26.610 | 16.888 | 60.651 | 4525.283 | 5355.013 | 2.914 | 3.641 |
| 220.981 | 1.001 | 14.740 | | | | | | |
| 1/10/2017 11:00:00 AM | 478800.000 | 26.620 | 16.888 | 60.676 | 4524.855 | 5354.476 | 2.913 | 3.641 |
| 221.002 | 1.001 | 14.733 | | | | | | |
| 1/10/2017 11:15:00 AM | 479700.000 | 26.613 | 16.888 | 60.659 | 4524.305 | 5353.867 | 2.913 | 3.641 |
| 221.028 | 1.001 | 14.730 | | | | | | |
| 1/10/2017 11:30:00 AM | 480600.000 | 26.615 | 16.888 | 60.665 | 4524.153 | 5353.697 | 2.913 | 3.641 |
| 221.036 | 1.001 | 14.729 | | | | | | |
| 1/10/2017 11:45:00 AM | 481500.000 | 26.612 | 16.887 | 60.657 | 4525.093 | 5354.831 | 2.913 | 3.641 |
| 220.990 | 1.001 | 14.730 | | | | | | |
| 1/10/2017 12:00:00 PM | 482400.000 | 26.618 | 16.888 | 60.671 | 4525.682 | 5355.496 | 2.914 | 3.642 |
| 220.961 | 1.001 | 14.717 | | | | | | |
| 1/10/2017 12:15:00 PM | 483300.000 | 26.614 | 16.888 | 60.663 | 4525.108 | 5354.796 | 2.913 | 3.641 |
| 220.989 | 1.001 | 14.716 | | | | | | |
| 1/10/2017 12:30:00 PM | 484200.000 | 26.617 | 16.887 | 60.668 | 4525.816 | 5355.676 | 2.914 | 3.642 |
| 220.955 | 1.001 | 14.707 | | | | | | |
| 1/10/2017 12:45:00 PM | 485100.000 | 26.625 | 16.887 | 60.685 | 4525.835 | 5355.741 | 2.914 | 3.642 |
| 220.954 | 1.001 | 14.700 | | | | | | |
| 1/10/2017 1:00:00 PM | 486000.000 | 26.623 | 16.887 | 60.681 | 4526.978 | 5357.092 | 2.915 | 3.643 |
| 220.898 | 1.001 | 14.708 | | | | | | |
| 1/10/2017 1:15:00 PM | 486900.000 | 26.625 | 16.886 | 60.687 | 4527.763 | 5358.140 | 2.915 | 3.644 |
| 220.860 | 1.001 | 14.696 | | | | | | |
| 1/10/2017 1:30:00 PM | 487800.000 | 26.619 | 16.886 | 60.674 | 4528.382 | 5358.894 | 2.916 | 3.644 |
| 220.829 | 1.001 | 14.698 | | | | | | |
| 1/10/2017 1:45:00 PM | 488700.000 | 26.619 | 16.887 | 60.672 | 4529.011 | 5359.563 | 2.916 | 3.645 |
| 220.799 | 1.001 | 14.694 | | | | | | |
| 1/10/2017 2:00:00 PM | 489600.000 | 26.621 | 16.886 | 60.678 | 4529.879 | 5360.665 | 2.917 | 3.645 |
| 220.756 | 1.001 | 14.689 | | | | | | |
| 1/10/2017 2:15:00 PM | 490500.000 | 26.631 | 16.887 | 60.700 | 4530.310 | 5361.078 | 2.917 | 3.646 |
| 220.735 | 1.001 | 14.677 | | | | | | |
| 1/10/2017 2:30:00 PM | 491400.000 | 26.622 | 16.887 | 60.680 | 4530.136 | 5360.873 | 2.917 | 3.645 |
| 220.744 | 1.001 | 14.688 | | | | | | |
| 1/10/2017 2:45:00 PM | 492300.000 | 26.622 | 16.886 | 60.680 | 4530.667 | 5361.565 | 2.917 | 3.646 |
| 220.718 | 1.001 | 14.683 | | | | | | |
| 1/10/2017 3:00:00 PM | 493200.000 | 26.621 | 16.887 | 60.677 | 4531.298 | 5362.206 | 2.918 | 3.646 |
| 220.687 | 1.001 | 14.681 | | | | | | |
| 1/10/2017 3:15:00 PM | 494100.000 | 26.621 | 16.887 | 60.678 | 4531.738 | 5362.759 | 2.918 | 3.647 |
| 220.666 | 1.001 | 14.679 | | | | | | |
| 1/10/2017 3:30:00 PM | 495000.000 | 26.628 | 16.887 | 60.694 | 4531.902 | 5362.910 | 2.918 | 3.647 |
| 220.658 | 1.001 | 14.671 | | | | | | |
| 1/10/2017 3:45:00 PM | 495900.000 | 26.633 | 16.886 | 60.704 | 4531.091 | 5362.058 | 2.918 | 3.646 |
| 220.697 | 1.001 | 14.666 | | | | | | |
| 1/10/2017 4:00:00 PM | 496800.000 | 26.630 | 16.886 | 60.699 | 4530.318 | 5361.164 | 2.917 | 3.646 |
| 220.735 | 1.001 | 14.664 | | | | | | |
| 1/10/2017 4:15:00 PM | 497700.000 | 26.623 | 16.887 | 60.683 | 4530.417 | 5361.227 | 2.917 | 3.646 |
| 220.730 | 1.001 | 14.663 | | | | | | |
| 1/10/2017 4:30:00 PM | 498600.000 | 26.622 | 16.887 | 60.681 | 4530.965 | 5361.854 | 2.918 | 3.646 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 220.704 | 1.001 | 14.666 | | | | | | |
| 1/10/2017 4:45:00 PM | 499500.000 | 26.623 | 16.887 | 60.683 | 4531.171 | 5362.110 | 2.918 | 3.646 |
| 220.693 | 1.001 | 14.662 | | | | | | |
| 1/10/2017 5:00:00 PM | 500400.000 | 26.641 | 16.886 | 60.724 | 4530.902 | 5361.813 | 2.918 | 3.646 |
| 220.707 | 1.001 | 14.640 | | | | | | |
| 1/10/2017 5:15:00 PM | 501300.000 | 26.633 | 16.887 | 60.704 | 4530.248 | 5361.026 | 2.917 | 3.645 |
| 220.738 | 1.001 | 14.647 | | | | | | |
| 1/10/2017 5:30:00 PM | 502200.000 | 26.638 | 16.886 | 60.717 | 4530.650 | 5361.515 | 2.917 | 3.646 |
| 220.719 | 1.001 | 14.637 | | | | | | |
| 1/10/2017 5:45:00 PM | 503100.000 | 26.632 | 16.886 | 60.702 | 4530.450 | 5361.308 | 2.917 | 3.646 |
| 220.729 | 1.001 | 14.649 | | | | | | |
| 1/10/2017 6:00:00 PM | 504000.000 | 26.628 | 16.886 | 60.693 | 4530.574 | 5361.433 | 2.917 | 3.646 |
| 220.723 | 1.001 | 14.648 | | | | | | |
| 1/10/2017 6:15:00 PM | 504900.000 | 26.632 | 16.886 | 60.703 | 4531.437 | 5362.445 | 2.918 | 3.646 |
| 220.681 | 1.001 | 14.644 | | | | | | |
| 1/10/2017 6:30:00 PM | 505800.000 | 26.635 | 16.886 | 60.709 | 4531.592 | 5362.659 | 2.918 | 3.647 |
| 220.673 | 1.001 | 14.638 | | | | | | |
| 1/10/2017 6:45:00 PM | 506700.000 | 26.628 | 16.887 | 60.693 | 4532.797 | 5364.000 | 2.919 | 3.648 |
| 220.614 | 1.001 | 14.639 | | | | | | |
| 1/10/2017 7:00:00 PM | 507600.000 | 26.643 | 16.886 | 60.727 | 4532.559 | 5363.783 | 2.919 | 3.647 |
| 220.626 | 1.001 | 14.625 | | | | | | |
| 1/10/2017 7:15:00 PM | 508500.000 | 26.633 | 16.887 | 60.704 | 4531.358 | 5362.331 | 2.918 | 3.646 |
| 220.684 | 1.001 | 14.628 | | | | | | |
| 1/10/2017 7:30:00 PM | 509400.000 | 26.646 | 16.886 | 60.734 | 4530.394 | 5361.232 | 2.917 | 3.646 |
| 220.731 | 1.001 | 14.617 | | | | | | |
| 1/10/2017 7:45:00 PM | 510300.000 | 26.631 | 16.886 | 60.700 | 4529.571 | 5360.290 | 2.917 | 3.645 |
| 220.771 | 1.001 | 14.624 | | | | | | |
| 1/10/2017 8:00:00 PM | 511200.000 | 26.637 | 16.886 | 60.714 | 4529.712 | 5360.447 | 2.917 | 3.645 |
| 220.765 | 1.001 | 14.617 | | | | | | |
| 1/10/2017 8:15:00 PM | 512100.000 | 26.641 | 16.887 | 60.723 | 4530.308 | 5361.097 | 2.917 | 3.646 |
| 220.736 | 1.001 | 14.616 | | | | | | |
| 1/10/2017 8:30:00 PM | 513000.000 | 26.640 | 16.886 | 60.721 | 4530.717 | 5361.667 | 2.917 | 3.646 |
| 220.716 | 1.001 | 14.619 | | | | | | |
| 1/10/2017 8:45:00 PM | 513900.000 | 26.644 | 16.887 | 60.730 | 4530.667 | 5361.521 | 2.917 | 3.646 |
| 220.718 | 1.001 | 14.607 | | | | | | |
| 1/10/2017 9:00:00 PM | 514800.000 | 26.643 | 16.886 | 60.729 | 4530.965 | 5361.971 | 2.918 | 3.646 |
| 220.704 | 1.001 | 14.612 | | | | | | |
| 1/10/2017 9:15:00 PM | 515700.000 | 26.634 | 16.886 | 60.706 | 4531.513 | 5362.578 | 2.918 | 3.647 |
| 220.677 | 1.001 | 14.635 | | | | | | |
| 1/10/2017 9:30:00 PM | 516600.000 | 26.620 | 16.886 | 60.676 | 4531.342 | 5362.406 | 2.918 | 3.646 |
| 220.685 | 1.001 | 14.649 | | | | | | |
| 1/10/2017 9:45:00 PM | 517500.000 | 26.630 | 16.886 | 60.699 | 4531.915 | 5363.083 | 2.918 | 3.647 |
| 220.657 | 1.001 | 14.644 | | | | | | |
| 1/10/2017 10:00:00 PM | 518400.000 | 26.613 | 16.887 | 60.658 | 4531.628 | 5362.596 | 2.918 | 3.647 |
| 220.671 | 1.001 | 14.659 | | | | | | |
| 1/10/2017 10:15:00 PM | 519300.000 | 26.624 | 16.886 | 60.685 | 4530.820 | 5361.724 | 2.917 | 3.646 |
| 220.711 | 1.001 | 14.652 | | | | | | |
| 1/10/2017 10:30:00 PM | 520200.000 | 26.635 | 16.887 | 60.709 | 4529.769 | 5360.429 | 2.917 | 3.645 |
| 220.762 | 1.001 | 14.645 | | | | | | |
| 1/10/2017 10:45:00 PM | 521100.000 | 26.632 | 16.887 | 60.703 | 4529.270 | 5359.838 | 2.916 | 3.645 |
| 220.786 | 1.001 | 14.655 | | | | | | |
| 1/10/2017 11:00:00 PM | 522000.000 | 26.621 | 16.887 | 60.678 | 4527.940 | 5358.295 | 2.915 | 3.644 |
| 220.851 | 1.001 | 14.660 | | | | | | |
| 1/10/2017 11:15:00 PM | 522900.000 | 26.625 | 16.887 | 60.686 | 4527.210 | 5357.389 | 2.915 | 3.643 |
| 220.887 | 1.001 | 14.660 | | | | | | |
| 1/10/2017 11:30:00 PM | 523800.000 | 26.633 | 16.887 | 60.705 | 4527.840 | 5358.113 | 2.915 | 3.644 |
| 220.856 | 1.001 | 14.656 | | | | | | |
| 1/10/2017 11:45:00 PM | 524700.000 | 26.629 | 16.887 | 60.696 | 4528.114 | 5358.491 | 2.916 | 3.644 |
| 220.843 | 1.001 | 14.657 | | | | | | |
| 1/11/2017 12:00:00 AM | 525600.000 | 26.631 | 16.886 | 60.701 | 4527.536 | 5357.859 | 2.915 | 3.643 |
| 220.871 | 1.001 | 14.660 | | | | | | |
| 1/11/2017 12:15:00 AM | 526500.000 | 26.645 | 16.886 | 60.733 | 4527.470 | 5357.750 | 2.915 | 3.643 |
| 220.874 | 1.001 | 14.651 | | | | | | |
| 1/11/2017 12:30:00 AM | 527400.000 | 26.629 | 16.887 | 60.695 | 4527.324 | 5357.557 | 2.915 | 3.643 |
| 220.881 | 1.001 | 14.657 | | | | | | |
| 1/11/2017 12:45:00 AM | 528300.000 | 26.632 | 16.886 | 60.703 | 4527.152 | 5357.375 | 2.915 | 3.643 |
| 220.889 | 1.001 | 14.661 | | | | | | |
| 1/11/2017 1:00:00 AM | 529200.000 | 26.638 | 16.886 | 60.716 | 4528.233 | 5358.654 | 2.916 | 3.644 |
| 220.837 | 1.001 | 14.657 | | | | | | |
| 1/11/2017 1:15:00 AM | 530100.000 | 26.642 | 16.886 | 60.725 | 4528.472 | 5358.937 | 2.916 | 3.644 |
| 220.825 | 1.001 | 14.652 | | | | | | |
| 1/11/2017 1:30:00 AM | 531000.000 | 26.642 | 16.886 | 60.725 | 4530.050 | 5360.834 | 2.917 | 3.645 |
| 220.748 | 1.001 | 14.662 | | | | | | |
| 1/11/2017 1:45:00 AM | 531900.000 | 26.636 | 16.886 | 60.713 | 4530.427 | 5361.355 | 2.917 | 3.646 |
| 220.730 | 1.001 | 14.666 | | | | | | |
| 1/11/2017 2:00:00 AM | 532800.000 | 26.632 | 16.886 | 60.703 | 4531.828 | 5362.908 | 2.918 | 3.647 |
| 220.661 | 1.001 | 14.669 | | | | | | |
| 1/11/2017 2:15:00 AM | 533700.000 | 26.637 | 16.885 | 60.714 | 4532.348 | 5363.650 | 2.919 | 3.647 |
| 220.636 | 1.001 | 14.665 | | | | | | |
| 1/11/2017 2:30:00 AM | 534600.000 | 26.639 | 16.886 | 60.720 | 4531.524 | 5362.591 | 2.918 | 3.647 |
| 220.676 | 1.001 | 14.666 | | | | | | |
| 1/11/2017 2:45:00 AM | 535500.000 | 26.635 | 16.886 | 60.709 | 4531.379 | 5362.429 | 2.918 | 3.646 |
| 220.683 | 1.001 | 14.671 | | | | | | |
| 1/11/2017 3:00:00 AM | 536400.000 | 26.638 | 16.886 | 60.717 | 4531.300 | 5362.313 | 2.918 | 3.646 |
| 220.687 | 1.001 | 14.672 | | | | | | |
| 1/11/2017 3:15:00 AM | 537300.000 | 26.643 | 16.886 | 60.728 | 4530.876 | 5361.866 | 2.918 | 3.646 |
| 220.708 | 1.001 | 14.668 | | | | | | |
| 1/11/2017 3:30:00 AM | 538200.000 | 26.632 | 16.886 | 60.702 | 4531.746 | 5362.884 | 2.918 | 3.647 |
| 220.665 | 1.001 | 14.675 | | | | | | |
| 1/11/2017 3:45:00 AM | 539100.000 | 26.643 | 16.886 | 60.727 | 4531.706 | 5362.847 | 2.918 | 3.647 |
| 220.667 | 1.001 | 14.671 | | | | | | |
| 1/11/2017 4:00:00 AM | 540000.000 | 26.638 | 16.886 | 60.716 | 4531.570 | 5362.697 | 2.918 | 3.647 |
| 220.674 | 1.001 | 14.676 | | | | | | |
| 1/11/2017 4:15:00 AM | 540900.000 | 26.636 | 16.886 | 60.712 | 4531.323 | 5362.383 | 2.918 | 3.646 |
| 220.686 | 1.001 | 14.678 | | | | | | |
| 1/11/2017 4:30:00 AM | 541800.000 | 26.638 | 16.885 | 60.715 | 4531.045 | 5362.141 | 2.918 | 3.646 |
| 220.700 | 1.001 | 14.679 | | | | | | |
| 1/11/2017 4:45:00 AM | 542700.000 | 26.632 | 16.886 | 60.702 | 4531.628 | 5362.723 | 2.918 | 3.647 |
| 220.671 | 1.001 | 14.680 | | | | | | |
| 1/11/2017 5:00:00 AM | 543600.000 | 26.639 | 16.886 | 60.718 | 4531.630 | 5362.768 | 2.918 | 3.647 |
| 220.671 | 1.001 | 14.675 | | | | | | |
| 1/11/2017 5:15:00 AM | 544500.000 | 26.641 | 16.886 | 60.723 | 4530.816 | 5361.762 | 2.917 | 3.646 |
| 220.711 | 1.001 | 14.669 | | | | | | |
| 1/11/2017 5:30:00 AM | 545400.000 | 26.646 | 16.885 | 60.734 | 4530.932 | 5361.985 | 2.918 | 3.646 |
| 220.705 | 1.001 | 14.671 | | | | | | |
| 1/11/2017 5:45:00 AM | 546300.000 | 26.646 | 16.886 | 60.734 | 4531.506 | 5362.633 | 2.918 | 3.647 |
| 220.677 | 1.001 | 14.672 | | | | | | |
| 1/11/2017 6:00:00 AM | 547200.000 | 26.643 | 16.886 | 60.727 | 4532.142 | 5363.343 | 2.918 | 3.647 |
| 220.646 | 1.001 | 14.673 | | | | | | |
| 1/11/2017 6:15:00 AM | 548100.000 | 26.643 | 16.885 | 60.727 | 4532.580 | 5363.946 | 2.919 | 3.647 |
| 220.625 | 1.001 | 14.679 | | | | | | |
| 1/11/2017 6:30:00 AM | 549000.000 | 26.638 | 16.886 | 60.716 | 4532.952 | 5364.354 | 2.919 | 3.648 |
| 220.607 | 1.001 | 14.688 | | | | | | |
| 1/11/2017 6:45:00 AM | 549900.000 | 26.644 | 16.885 | 60.730 | 4533.101 | 5364.583 | 2.919 | 3.648 |
| 220.600 | 1.001 | 14.681 | | | | | | |
| 1/11/2017 7:00:00 AM | 550800.000 | 26.643 | 16.885 | 60.727 | 4533.129 | 5364.627 | 2.919 | 3.648 |
| 220.598 | 1.001 | 14.683 | | | | | | |
| 1/11/2017 7:15:00 AM | 551700.000 | 26.646 | 16.885 | 60.734 | 4532.575 | 5363.918 | 2.919 | 3.647 |
| 220.625 | 1.001 | 14.683 | | | | | | |
| 1/11/2017 7:30:00 AM | 552600.000 | 26.640 | 16.886 | 60.720 | 4532.399 | 5363.700 | 2.919 | 3.647 |
| 220.634 | 1.001 | 14.687 | | | | | | |
| 1/11/2017 7:45:00 AM | 553500.000 | 26.646 | 16.886 | 60.734 | 4531.281 | 5362.345 | 2.918 | 3.646 |
| 220.688 | 1.001 | 14.689 | | | | | | |
| 1/11/2017 8:00:00 AM | 554400.000 | 26.636 | 16.886 | 60.713 | 4531.478 | 5362.567 | 2.918 | 3.647 |
| 220.679 | 1.001 | 14.696 | | | | | | |
| 1/11/2017 8:15:00 AM | 555300.000 | 26.641 | 16.886 | 60.723 | 4530.334 | 5361.205 | 2.917 | 3.646 |
| 220.734 | 1.001 | 14.698 | | | | | | |
| 1/11/2017 8:30:00 AM | 556200.000 | 26.640 | 16.886 | 60.720 | 4529.908 | 5360.699 | 2.917 | 3.645 |
| 220.755 | 1.001 | 14.702 | | | | | | |
| 1/11/2017 8:45:00 AM | 557100.000 | 26.645 | 16.886 | 60.731 | 4529.568 | 5360.317 | 2.917 | 3.645 |
| 220.772 | 1.001 | 14.694 | | | | | | |
| 1/11/2017 9:00:00 AM | 558000.000 | 26.638 | 16.886 | 60.717 | 4530.079 | 5360.869 | 2.917 | 3.645 |
| 220.747 | 1.001 | 14.702 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1/11/2017 9:15:00 AM | 558900.000 | 26.645 | 16.886 | 60.731 | 4528.922 | 5359.542 | 2.916 | 3.644 |
| 220.803 | 1.001 | 14.702 | | | | | | |
| 1/11/2017 9:30:00 AM | 559800.000 | 26.640 | 16.886 | 60.720 | 4528.357 | 5358.865 | 2.916 | 3.644 |
| 220.831 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 9:45:00 AM | 560700.000 | 26.637 | 16.885 | 60.715 | 4528.140 | 5358.682 | 2.916 | 3.644 |
| 220.841 | 1.001 | 14.714 | | | | | | |
| 1/11/2017 10:00:00 AM | 561600.000 | 26.643 | 16.886 | 60.728 | 4528.527 | 5359.086 | 2.916 | 3.644 |
| 220.822 | 1.001 | 14.709 | | | | | | |
| 1/11/2017 10:15:00 AM | 562500.000 | 26.635 | 16.886 | 60.710 | 4527.621 | 5357.993 | 2.915 | 3.643 |
| 220.867 | 1.001 | 14.720 | | | | | | |
| 1/11/2017 10:30:00 AM | 563400.000 | 26.639 | 16.886 | 60.718 | 4527.163 | 5357.451 | 2.915 | 3.643 |
| 220.889 | 1.001 | 14.719 | | | | | | |
| 1/11/2017 10:45:00 AM | 564300.000 | 26.632 | 16.887 | 60.703 | 4526.820 | 5356.970 | 2.915 | 3.643 |
| 220.906 | 1.001 | 14.726 | | | | | | |
| 1/11/2017 11:00:00 AM | 565200.000 | 26.640 | 16.886 | 60.721 | 4526.978 | 5357.221 | 2.915 | 3.643 |
| 220.898 | 1.001 | 14.724 | | | | | | |
| 1/11/2017 11:15:00 AM | 566100.000 | 26.637 | 16.886 | 60.713 | 4525.995 | 5356.111 | 2.914 | 3.642 |
| 220.946 | 1.001 | 14.722 | | | | | | |
| 1/11/2017 11:30:00 AM | 567000.000 | 26.638 | 16.886 | 60.717 | 4525.115 | 5354.985 | 2.914 | 3.641 |
| 220.989 | 1.001 | 14.722 | | | | | | |
| 1/11/2017 11:45:00 AM | 567900.000 | 26.641 | 16.886 | 60.723 | 4524.742 | 5354.595 | 2.913 | 3.641 |
| 221.007 | 1.001 | 14.721 | | | | | | |
| 1/11/2017 12:00:00 PM | 568800.000 | 26.638 | 16.887 | 60.716 | 4524.091 | 5353.698 | 2.913 | 3.641 |
| 221.039 | 1.001 | 14.719 | | | | | | |
| 1/11/2017 12:15:00 PM | 569700.000 | 26.647 | 16.886 | 60.736 | 4523.260 | 5352.790 | 2.912 | 3.640 |
| 221.079 | 1.001 | 14.714 | | | | | | |
| 1/11/2017 12:30:00 PM | 570600.000 | 26.654 | 16.886 | 60.753 | 4523.351 | 5352.919 | 2.912 | 3.640 |
| 221.075 | 1.001 | 14.712 | | | | | | |
| 1/11/2017 12:45:00 PM | 571500.000 | 26.653 | 16.886 | 60.749 | 4523.857 | 5353.497 | 2.913 | 3.640 |
| 221.050 | 1.001 | 14.708 | | | | | | |
| 1/11/2017 1:00:00 PM | 572400.000 | 26.650 | 16.886 | 60.743 | 4524.150 | 5353.874 | 2.913 | 3.641 |
| 221.036 | 1.001 | 14.707 | | | | | | |
| 1/11/2017 1:15:00 PM | 573300.000 | 26.647 | 16.886 | 60.737 | 4524.976 | 5354.872 | 2.913 | 3.641 |
| 220.996 | 1.001 | 14.708 | | | | | | |
| 1/11/2017 1:30:00 PM | 574200.000 | 26.647 | 16.886 | 60.736 | 4526.094 | 5356.195 | 2.914 | 3.642 |
| 220.941 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 1:45:00 PM | 575100.000 | 26.654 | 16.886 | 60.752 | 4527.290 | 5357.602 | 2.915 | 3.643 |
| 220.883 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 2:00:00 PM | 576000.000 | 26.650 | 16.885 | 60.744 | 4527.808 | 5358.278 | 2.915 | 3.644 |
| 220.857 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 2:15:00 PM | 576900.000 | 26.651 | 16.885 | 60.746 | 4527.937 | 5358.452 | 2.916 | 3.644 |
| 220.851 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 2:30:00 PM | 577800.000 | 26.646 | 16.886 | 60.734 | 4528.156 | 5358.679 | 2.916 | 3.644 |
| 220.840 | 1.001 | 14.706 | | | | | | |
| 1/11/2017 2:45:00 PM | 578700.000 | 26.645 | 16.885 | 60.732 | 4528.793 | 5359.476 | 2.916 | 3.644 |
| 220.809 | 1.001 | 14.702 | | | | | | |
| 1/11/2017 3:00:00 PM | 579600.000 | 26.650 | 16.886 | 60.744 | 4529.406 | 5360.148 | 2.917 | 3.645 |
| 220.779 | 1.001 | 14.706 | | | | | | |
| 1/11/2017 3:15:00 PM | 580500.000 | 26.643 | 16.886 | 60.727 | 4529.553 | 5360.289 | 2.917 | 3.645 |
| 220.772 | 1.001 | 14.708 | | | | | | |
| 1/11/2017 3:30:00 PM | 581400.000 | 26.646 | 16.886 | 60.735 | 4528.737 | 5359.344 | 2.916 | 3.644 |
| 220.812 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 3:45:00 PM | 582300.000 | 26.652 | 16.885 | 60.749 | 4528.584 | 5359.228 | 2.916 | 3.644 |
| 220.820 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 4:00:00 PM | 583200.000 | 26.654 | 16.886 | 60.753 | 4528.265 | 5358.722 | 2.916 | 3.644 |
| 220.835 | 1.001 | 14.700 | | | | | | |
| 1/11/2017 4:15:00 PM | 584100.000 | 26.650 | 16.885 | 60.744 | 4528.396 | 5358.973 | 2.916 | 3.644 |
| 220.829 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 4:30:00 PM | 585000.000 | 26.651 | 16.885 | 60.746 | 4527.056 | 5357.419 | 2.915 | 3.643 |
| 220.894 | 1.001 | 14.702 | | | | | | |
| 1/11/2017 4:45:00 PM | 585900.000 | 26.645 | 16.886 | 60.733 | 4526.696 | 5356.899 | 2.915 | 3.643 |
| 220.912 | 1.001 | 14.710 | | | | | | |
| 1/11/2017 5:00:00 PM | 586800.000 | 26.651 | 16.886 | 60.745 | 4526.291 | 5356.439 | 2.914 | 3.642 |
| 220.931 | 1.001 | 14.709 | | | | | | |
| 1/11/2017 5:15:00 PM | 587700.000 | 26.652 | 16.886 | 60.748 | 4526.705 | 5356.961 | 2.915 | 3.643 |
| 220.911 | 1.001 | 14.707 | | | | | | |
| 1/11/2017 5:30:00 PM | 588600.000 | 26.650 | 16.886 | 60.744 | 4527.499 | 5357.869 | 2.915 | 3.643 |
| 220.872 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 5:45:00 PM | 589500.000 | 26.652 | 16.886 | 60.747 | 4526.545 | 5356.708 | 2.915 | 3.643 |
| 220.919 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 6:00:00 PM | 590400.000 | 26.649 | 16.886 | 60.741 | 4526.493 | 5356.625 | 2.915 | 3.643 |
| 220.922 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 6:15:00 PM | 591300.000 | 26.651 | 16.886 | 60.747 | 4525.762 | 5355.760 | 2.914 | 3.642 |
| 220.957 | 1.001 | 14.708 | | | | | | |
| 1/11/2017 6:30:00 PM | 592200.000 | 26.653 | 16.886 | 60.751 | 4525.031 | 5354.907 | 2.914 | 3.641 |
| 220.993 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 6:45:00 PM | 593100.000 | 26.652 | 16.886 | 60.747 | 4525.973 | 5356.043 | 2.914 | 3.642 |
| 220.947 | 1.001 | 14.706 | | | | | | |
| 1/11/2017 7:00:00 PM | 594000.000 | 26.653 | 16.886 | 60.750 | 4524.841 | 5354.734 | 2.913 | 3.641 |
| 221.002 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 7:15:00 PM | 594900.000 | 26.651 | 16.886 | 60.746 | 4524.313 | 5354.078 | 2.913 | 3.641 |
| 221.028 | 1.001 | 14.708 | | | | | | |
| 1/11/2017 7:30:00 PM | 595800.000 | 26.654 | 16.886 | 60.753 | 4523.958 | 5353.604 | 2.913 | 3.640 |
| 221.045 | 1.001 | 14.703 | | | | | | |
| 1/11/2017 7:45:00 PM | 596700.000 | 26.652 | 16.886 | 60.748 | 4523.422 | 5353.033 | 2.912 | 3.640 |
| 221.072 | 1.001 | 14.704 | | | | | | |
| 1/11/2017 8:00:00 PM | 597600.000 | 26.652 | 16.886 | 60.748 | 4523.534 | 5353.103 | 2.912 | 3.640 |
| 221.066 | 1.001 | 14.706 | | | | | | |
| 1/11/2017 8:15:00 PM | 598500.000 | 26.653 | 16.886 | 60.751 | 4523.228 | 5352.752 | 2.912 | 3.640 |
| 221.081 | 1.001 | 14.705 | | | | | | |
| 1/11/2017 8:30:00 PM | 599400.000 | 26.658 | 16.886 | 60.761 | 4523.552 | 5353.157 | 2.912 | 3.640 |
| 221.065 | 1.001 | 14.699 | | | | | | |
| 1/11/2017 8:45:00 PM | 600300.000 | 26.651 | 16.886 | 60.745 | 4522.971 | 5352.511 | 2.912 | 3.640 |
| 221.094 | 1.001 | 14.700 | | | | | | |
| 1/11/2017 9:00:00 PM | 601200.000 | 26.663 | 16.886 | 60.772 | 4522.380 | 5351.771 | 2.912 | 3.639 |
| 221.122 | 1.001 | 14.693 | | | | | | |
| 1/11/2017 9:15:00 PM | 602100.000 | 26.655 | 16.886 | 60.756 | 4522.572 | 5352.039 | 2.912 | 3.639 |
| 221.113 | 1.001 | 14.692 | | | | | | |
| 1/11/2017 9:30:00 PM | 603000.000 | 26.667 | 16.886 | 60.782 | 4523.022 | 5352.551 | 2.912 | 3.640 |
| 221.091 | 1.001 | 14.691 | | | | | | |
| 1/11/2017 9:45:00 PM | 603900.000 | 26.656 | 16.886 | 60.757 | 4522.594 | 5352.053 | 2.912 | 3.639 |
| 221.112 | 1.001 | 14.697 | | | | | | |
| 1/11/2017 10:00:00 PM | 604800.000 | 26.661 | 16.885 | 60.769 | 4523.260 | 5352.906 | 2.912 | 3.640 |
| 221.079 | 1.001 | 14.692 | | | | | | |
| 1/11/2017 10:15:00 PM | 605700.000 | 26.658 | 16.885 | 60.761 | 4523.683 | 5353.417 | 2.913 | 3.640 |
| 221.059 | 1.001 | 14.691 | | | | | | |
| 1/11/2017 10:30:00 PM | 606600.000 | 26.658 | 16.886 | 60.761 | 4523.899 | 5353.630 | 2.913 | 3.640 |
| 221.048 | 1.001 | 14.689 | | | | | | |
| 1/11/2017 10:45:00 PM | 607500.000 | 26.664 | 16.886 | 60.775 | 4524.317 | 5354.114 | 2.913 | 3.641 |
| 221.028 | 1.001 | 14.689 | | | | | | |
| 1/11/2017 11:00:00 PM | 608400.000 | 26.664 | 16.885 | 60.775 | 4524.240 | 5354.056 | 2.913 | 3.641 |
| 221.032 | 1.001 | 14.681 | | | | | | |
| 1/11/2017 11:15:00 PM | 609300.000 | 26.667 | 16.886 | 60.782 | 4524.625 | 5354.490 | 2.913 | 3.641 |
| 221.013 | 1.001 | 14.685 | | | | | | |
| 1/11/2017 11:30:00 PM | 610200.000 | 26.658 | 16.886 | 60.762 | 4525.046 | 5354.999 | 2.914 | 3.641 |
| 220.992 | 1.001 | 14.688 | | | | | | |
| 1/11/2017 11:45:00 PM | 611100.000 | 26.660 | 16.886 | 60.765 | 4525.083 | 5354.989 | 2.914 | 3.641 |
| 220.990 | 1.001 | 14.686 | | | | | | |

Report Date: 1/16/2017 8:33:45 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP TSW Trans 2_2017-01-12_11-09-59-617.wsl
Create Date: 1/12/2017 10:55:51 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP TSW Trans 2
Device Name:
Serial Number: 396433
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 15
Used Battery(%): 2

Log Configuration
Log Name: MPWSP TSW Trans 2
Created By: ECrowWillard
Computer Name: NOTEBOOK02
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 4/9/2015 2:02:44 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 4/9/2015 2:15:00 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: 58.3934 (ft)
Head Pressure: 25.9227 (PSI)
Temperature: 17.0478 (C)

Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

| Date and Time | Note |
|---|---|
| 4/9/2015 2:02:54 PM | Used Battery: 2% Used Memory: 18% User Name: ECrowWillard |
| 4/10/2015 1:07:33 PM | Log Download - Used Battery: 2% Used Memory: 18% User Name: ECrowWillard |
| 4/17/2015 12:57:42 PM | Log Download - Used Battery: 2% Used Memory: 18% User Name: AKieta |
| 4/24/2015 10:48:17 AM | Log Download - Used Battery: 2% Used Memory: 20% User Name: ECrowWillard |
| 5/1/2015 2:10:18 PM | Log Download - Used Battery: 2% Used Memory: 20% User Name: GSSI |
| 5/7/2015 7:03:25 AM | Log Download - Used Battery: 2% Used Memory: 21% User Name: ECrowWillard |
| 5/15/2015 12:45:18 PM | Log Download - Used Battery: 2% Used Memory: 21% User Name: BDuarte |
| 5/19/2015 3:05:28 PM | Log Download - Used Battery: 2% Used Memory: 21% User Name: CShaw |
| 5/19/2015 3:12:05 PM | Log Download - Used Battery: 2% Used Memory: 21% User Name: CShaw Interval - Start Time: 5/19/2015 3:00:00 PM |
| 5/21/2015 6:52:39 PM | Log Download - Used Battery: 2% Used Memory: 23% User Name: CShaw Interval - Start Time: 5/19/2015 3:00:00 PM |
| 5/28/2015 10:55:09 AM | Log Download - Used Battery: 2% Used Memory: 23% User Name: ECrowWillard Interval - Start Time: 5/7/2015 7:00:00 AM |
| 6/4/2015 9:55:06 AM | Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte |
| 6/8/2015 7:00:41 AM | Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte |
| 6/11/2015 3:11:24 PM | Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte Interval - Start Time: 6/8/2015 7:00:00 AM |
| 6/18/2015 6:19:26 PM | Log Download - Used Battery: 2% Used Memory: 26% User Name: CShaw |
| 6/25/2015 6:26:39 PM | Log Download - Used Battery: 2% Used Memory: 26% User Name: BDuarte Interval - Start Time: 6/11/2015 3:00:00 PM |
| 7/2/2015 5:59:51 PM | Log Download - Used Battery: 2% Used Memory: 28% User Name: CShaw |
| 7/9/2015 7:33:31 AM | Log Download - Used Battery: 3% Used Memory: 28% User Name: BDuarte |
| 7/16/2015 5:49:08 PM | Log Download - Used Battery: 3% Used Memory: 29% User Name: CShaw |
| 7/23/2015 4:00:26 PM | Log Download - Used Battery: 3% Used Memory: 29% User Name: KMakar |
| 7/30/2015 9:14:52 AM | Log Download - Used Battery: 3% Used Memory: 31% User Name: BDuarte Interval - Start Time: 7/9/2015 7:30:00 AM |
| 8/6/2015 6:06:39 PM | Log Download - Used Battery: 3% Used Memory: 31% User Name: CShaw Interval - Start Time: 6/8/2015 3:30:00 PM Stop Time: 8/6/2015 6:30:00 PM |
| 8/6/2015 6:07:01 PM | Log Download - Used Battery: 3% Used Memory: 31% User Name: CShaw Interval - Start Time: 7/8/2015 3:30:00 PM Stop Time: 8/6/2015 5:30:00 PM |
| 8/13/2015 1:07:16 PM | Log Download - Used Battery: 3% Used Memory: 32% User Name: KMakar Interval - Start Time: 7/23/2015 4:00:00 PM |
| 8/20/2015 9:31:39 AM | Log Download - Used Battery: 3% Used Memory: 32% User Name: BDuarte Interval - Start Time: 7/30/2015 9:00:00 AM |
| 8/27/2015 10:35:53 AM | Log Download - Used Battery: 3% Used Memory: 34% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:15:00 AM |
| 8/27/2015 10:36:27 AM | Log Download - Used Battery: 3% Used Memory: 34% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:35:00 AM |
| 9/3/2015 6:12:09 PM | Log Download - Used Battery: 3% Used Memory: 35% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 7:00:00 PM |
| 9/10/2015 11:08:03 AM | Log Download - Used Battery: 3% Used Memory: 35% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:10:00 AM |
| 9/17/2015 10:34:47 AM | Log Download - Used Battery: 3% Used Memory: 37% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:35:00 AM |
| 9/24/2015 7:11:42 PM | Log Download - Used Battery: 3% Used Memory: 37% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:00:00 PM |
| 10/1/2015 1:55:13 PM | Log Download - Used Battery: 3% Used Memory: 39% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 1:55:00 PM |

10/8/2015 4:54:50 PM Log Download - Used Battery: 3% Used Memory: 39% User Name: CShaw
Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 5:45:00 PM
10/15/2015 1:20:01 PM Log Download - Used Battery: 3% Used Memory: 40% User Name: KMakar
Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:20:00 PM
10/27/2015 6:53:26 PM Log Download - Used Battery: 4% Used Memory: 42% User Name: nreynolds
Interval - Start Time: 10/26/2015 12:00:00 PM Stop Time: 10/27/2015 6:45:00 PM
10/27/2015 7:00:52 PM Log Download - Used Battery: 4% Used Memory: 42% User Name: nreynolds
Interval - Start Time: 10/26/2015 3:00:00 PM Stop Time: 10/27/2015 7:00:00 PM
10/29/2015 2:50:19 PM Log Download - Used Battery: 4% Used Memory: 42% User Name: KMakar
Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 2:50:00 PM
11/5/2015 1:50:40 PM Log Download - Used Battery: 4% Used Memory: 42% User Name: KMakar
Interval - Start Time: 10/20/2015 7:45:00 AM Stop Time: 11/5/2015 1:50:00 PM
11/12/2015 5:27:24 PM Log Download - Used Battery: 4% Used Memory: 43% User Name: KMakar
Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 5:50:00 PM
11/12/2015 6:11:09 PM Log Download - Used Battery: 4% Used Memory: 43% User Name: KMakar
Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/12/2015 7:00:00 PM
11/19/2015 2:57:11 PM Log Download - Used Battery: 4% Used Memory: 43% User Name: KMakar
Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 2:55:00 PM
11/29/2015 2:13:56 PM Log Download - Used Battery: 4% Used Memory: 45% User Name: CShaw
Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 3:00:00 PM
12/3/2015 9:33:17 AM Log Download - Used Battery: 4% Used Memory: 45% User Name: KMakar
Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 9:35:00 AM
12/10/2015 5:23:47 PM Log Download - Used Battery: 4% Used Memory: 46% User Name: CShaw
Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 6:15:00 PM
12/17/2015 11:18:20 AM Log Download - Used Battery: 4% Used Memory: 46% User Name: KMakar
Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:15:00 AM
1/3/2016 2:18:59 PM Log Download - Used Battery: 4% Used Memory: 50% User Name: CShaw
Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 2:45:00 PM
1/7/2016 10:15:41 AM Log Download - Used Battery: 4% Used Memory: 50% User Name: KMakar
Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:15:00 AM
1/14/2016 8:44:01 AM Log Download - Used Battery: 4% Used Memory: 50% User Name: KMakar
Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:45:00 AM
1/21/2016 11:18:51 AM Log Download - Used Battery: 4% Used Memory: 51% User Name: KMakar
Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:30:00 AM
1/28/2016 1:51:43 PM Log Download - Used Battery: 4% Used Memory: 51% User Name: KMakar
Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:50:00 PM
2/4/2016 4:21:42 PM Log Download - Used Battery: 4% Used Memory: 53% User Name: CShaw
Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 5:05:00 PM
2/11/2016 12:00:01 PM Log Download - Used Battery: 4% Used Memory: 54% User Name: CShaw
Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 1:45:45 PM
2/18/2016 12:21:42 PM Log Download - Used Battery: 4% Used Memory: 54% User Name: CShaw
Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:45:00 PM
2/25/2016 12:00:20 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar
Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:00:00 PM
3/3/2016 3:53:15 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: SKuiper
Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 4:35:00 PM
3/10/2016 8:38:18 AM Log Download - Used Battery: 4% Used Memory: 57% User Name: KMakar
Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30:00 AM
3/10/2016 8:48:50 AM Log Download - Used Battery: 4% Used Memory: 57% User Name: KMakar
Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:45:00 AM
3/17/2016 5:25:01 PM Log Download - Used Battery: 4% Used Memory: 57% User Name: SKuiper
Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:15:00 PM
3/24/2016 12:22:39 PM Log Download - Used Battery: 4% Used Memory: 59% User Name: KMakar
Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15:00 PM
3/31/2016 9:38:50 AM Log Download - Used Battery: 4% Used Memory: 59% User Name: SKuiper
Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 10:30:00 AM
4/7/2016 12:16:25 PM Log Download - Used Battery: 4% Used Memory: 60% User Name: KMakar

Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 12:15:00 PM
4/14/2016 5:22:07 PM Log Download - Used Battery: 4% Used Memory: 60% User Name: SKuiper
Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 6:15:00 PM
4/21/2016 10:50:29 AM Log Download - Used Battery: 4% Used Memory: 62% User Name: ELinden
Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:45:00 AM
4/28/2016 1:54:21 PM Log Download - Used Battery: 4% Used Memory: 62% User Name: KMakar
Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 2:00:00 PM
5/5/2016 10:54:03 AM Log Download - Used Battery: 4% Used Memory: 64% User Name: SKuiper
Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 11:30:00 AM

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Log Data:
Record Count: 724
Sensors: 1
1 - 396433: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

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
Sensor: PCTD(G) 231ft
Elapsed Time SN#: 396433 SN#: 396433
SN#: 396433 SN#: 396433 SN#: 396433
SN#: 396433 SN#: 396433 SN#: 396433
SN#: 396433
Date and 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)

| | | | |
|---|---|---|---|
| 1/5/2017 12:00:00 AM | 7200.000 | 27.044 | 15.431 |
| 60.920 | 40981.789 | 50146.836 | |
| 32.909 | 34.100 | 24.401 | |
| 1.024 | | | |
| 1/5/2017 12:15:00 AM | 8100.000 | 27.057 | 15.424 |
| 60.949 | 40993.469 | 50169.637 | |
| 32.925 | 34.115 | 24.394 | |
| 1.024 | | | |
| 1/5/2017 12:30:00 AM | 9000.000 | 27.055 | 15.432 |
| 60.943 | 41019.340 | 50192.172 | |
| 32.942 | 34.131 | 24.379 | |
| 1.024 | | | |
| 1/5/2017 12:45:00 AM | 9900.000 | 27.059 | 15.429 |
| 60.954 | 41010.523 | 50184.906 | |
| 32.937 | 34.126 | 24.384 | |
| 1.024 | | | |
| 1/5/2017 1:00:00 AM | 10800.000 | 27.070 | 15.427 |
| 60.978 | 40993.938 | 50166.059 | |
| 32.923 | 34.113 | 24.394 | |
| 1.024 | | | |
| 1/5/2017 1:15:00 AM | 11700.000 | 27.080 | 15.426 |
| 61.000 | 41005.820 | 50181.746 | |

| | | | |
|---|---|---|---|
| 32.934 | 34.124 | 24.387 | |
| 1.024 | | | |
| 1/5/2017 1:30:00 AM | 12600.000 | 27.089 | 15.433 |
| 61.020 | 41024.238 | 50196.391 | |
| 32.945 | 34.134 | 24.376 | |
| 1.024 | | | |
| 1/5/2017 1:45:00 AM | 13500.000 | 27.093 | 15.433 |
| 61.030 | 41011.418 | 50181.016 | |
| 32.934 | 34.123 | 24.383 | |
| 1.024 | | | |
| 1/5/2017 2:00:00 AM | 14400.000 | 27.099 | 15.432 |
| 61.042 | 41085.359 | 50272.422 | |
| 33.001 | 34.185 | 24.340 | |
| 1.024 | | | |
| 1/5/2017 2:15:00 AM | 15300.000 | 27.105 | 15.438 |
| 61.057 | 41050.574 | 50223.410 | |
| 32.965 | 34.152 | 24.360 | |
| 1.024 | | | |
| 1/5/2017 2:30:00 AM | 16200.000 | 27.118 | 15.436 |
| 61.085 | 41064.180 | 50241.941 | |
| 32.979 | 34.165 | 24.352 | |
| 1.024 | | | |
| 1/5/2017 2:45:00 AM | 17100.000 | 27.116 | 15.424 |
| 61.082 | 41016.375 | 50197.262 | |
| 32.945 | 34.134 | 24.381 | |
| 1.024 | | | |
| 1/5/2017 3:00:00 AM | 18000.000 | 27.117 | 15.414 |
| 61.084 | 41017.523 | 50211.031 | |
| 32.955 | 34.144 | 24.380 | |
| 1.024 | | | |
| 1/5/2017 3:15:00 AM | 18900.000 | 27.125 | 15.404 |
| 61.101 | 40999.645 | 50200.660 | |
| 32.946 | 34.136 | 24.390 | |
| 1.024 | | | |
| 1/5/2017 3:30:00 AM | 19800.000 | 27.129 | 15.401 |
| 61.112 | 41041.469 | 50255.422 | |
| 32.986 | 34.174 | 24.366 | |
| 1.024 | | | |
| 1/5/2017 3:45:00 AM | 20700.000 | 27.133 | 15.393 |
| 61.119 | 41044.508 | 50267.988 | |
| 32.995 | 34.182 | 24.364 | |
| 1.024 | | | |
| 1/5/2017 4:00:00 AM | 21600.000 | 27.134 | 15.389 |
| 61.121 | 41019.797 | 50243.121 | |
| 32.976 | 34.165 | 24.378 | |
| 1.024 | | | |
| 1/5/2017 4:15:00 AM | 22500.000 | 27.139 | 15.393 |
| 61.133 | 41049.250 | 50274.305 | |
| 32.999 | 34.187 | 24.361 | |
| 1.024 | | | |
| 1/5/2017 4:30:00 AM | 23400.000 | 27.137 | 15.393 |
| 61.129 | 41069.547 | 50299.383 | |
| 33.018 | 34.204 | 24.349 | |
| 1.024 | | | |
| 1/5/2017 4:45:00 AM | 24300.000 | 27.139 | 15.400 |
| 61.133 | 41080.652 | 50304.227 | |
| 33.022 | 34.207 | 24.342 | |

1.024
1/5/2017 5:00:00 AM 25200.000 27.145 15.396
61.146 41089.816 50320.246
33.033 34.218 24.337
1.024
1/5/2017 5:15:00 AM 26100.000 27.134 15.406
61.121 41109.508 50333.215
33.043 34.227 24.325
1.024
1/5/2017 5:30:00 AM 27000.000 27.135 15.404
61.124 41074.730 50292.598
33.014 34.199 24.346
1.024
1/5/2017 5:45:00 AM 27900.000 27.135 15.403
61.123 41091.887 50314.859
33.030 34.214 24.336
1.024
1/5/2017 6:00:00 AM 28800.000 27.126 15.421
61.105 41131.637 50342.484
33.051 34.233 24.312
1.024
1/5/2017 6:15:00 AM 29700.000 27.124 15.423
61.099 41174.223 50391.688
33.088 34.266 24.287
1.024
1/5/2017 6:30:00 AM 30600.000 27.121 15.437
61.093 41191.063 50396.246
33.092 34.269 24.277
1.024
1/5/2017 6:45:00 AM 31500.000 27.117 15.446
61.083 41200.383 50396.496
33.093 34.270 24.272
1.024
1/5/2017 7:00:00 AM 32400.000 27.111 15.438
61.070 41196.910 50401.945
33.096 34.273 24.274
1.024
1/5/2017 7:15:00 AM 33300.000 27.103 15.444
61.052 41163.070 50353.453
33.061 34.240 24.294
1.024
1/5/2017 7:30:00 AM 34200.000 27.102 15.425
61.050 41171.973 50386.754
33.084 34.263 24.288
1.024
1/5/2017 7:45:00 AM 35100.000 27.093 15.429
61.030 41146.496 50351.398
33.058 34.239 24.303
1.024
1/5/2017 8:00:00 AM 36000.000 27.080 15.428
61.000 41130.773 50333.109
33.045 34.227 24.313
1.024
1/5/2017 8:15:00 AM 36900.000 27.076 15.425
60.991 41155.004 50365.867
33.069 34.249 24.298
1.024

| | | | |
|---|---|---|---|
| 1/5/2017 8:30:00 AM | 37800.000 | 27.074 | 15.422 |
| 60.987 | 41150.836 | 50364.219 | |
| 33.067 | 34.248 | 24.301 | |
| 1.024 | | | |
| 1/5/2017 8:45:00 AM | 38700.000 | 27.068 | 15.415 |
| 60.972 | 41174.719 | 50401.680 | |
| 33.094 | 34.273 | 24.287 | |
| 1.024 | | | |
| 1/5/2017 9:00:00 AM | 39600.000 | 27.060 | 15.418 |
| 60.954 | 41127.457 | 50340.082 | |
| 33.049 | 34.231 | 24.315 | |
| 1.024 | | | |
| 1/5/2017 9:15:00 AM | 40500.000 | 27.060 | 15.417 |
| 60.955 | 41152.430 | 50372.617 | |
| 33.073 | 34.253 | 24.300 | |
| 1.024 | | | |
| 1/5/2017 9:30:00 AM | 41400.000 | 27.053 | 15.415 |
| 60.940 | 41141.313 | 50361.414 | |
| 33.065 | 34.246 | 24.306 | |
| 1.024 | | | |
| 1/5/2017 9:45:00 AM | 42300.000 | 27.052 | 15.422 |
| 60.938 | 41143.316 | 50355.207 | |
| 33.061 | 34.242 | 24.305 | |
| 1.024 | | | |
| 1/5/2017 10:00:00 AM | 43200.000 | 27.046 | 15.424 |
| 60.923 | 41098.559 | 50298.051 | |
| 33.019 | 34.203 | 24.332 | |
| 1.024 | | | |
| 1/5/2017 10:15:00 AM | 44100.000 | 27.038 | 15.425 |
| 60.906 | 41144.914 | 50353.422 | |
| 33.060 | 34.240 | 24.304 | |
| 1.024 | | | |
| 1/5/2017 10:30:00 AM | 45000.000 | 27.036 | 15.427 |
| 60.901 | 41099.766 | 50296.086 | |
| 33.018 | 34.201 | 24.331 | |
| 1.024 | | | |
| 1/5/2017 10:45:00 AM | 45900.000 | 27.037 | 15.424 |
| 60.903 | 41069.727 | 50263.379 | |
| 32.994 | 34.179 | 24.349 | |
| 1.024 | | | |
| 1/5/2017 11:00:00 AM | 46800.000 | 27.033 | 15.432 |
| 60.893 | 41100.555 | 50291.438 | |
| 33.015 | 34.198 | 24.331 | |
| 1.024 | | | |
| 1/5/2017 11:15:00 AM | 47700.000 | 27.037 | 15.426 |
| 60.904 | 41096.918 | 50293.328 | |
| 33.016 | 34.199 | 24.333 | |
| 1.024 | | | |
| 1/5/2017 11:30:00 AM | 48600.000 | 27.034 | 15.430 |
| 60.897 | 41062.188 | 50246.766 | |
| 32.982 | 34.168 | 24.353 | |
| 1.024 | | | |
| 1/5/2017 11:45:00 AM | 49500.000 | 27.034 | 15.424 |
| 60.898 | 41037.383 | 50223.262 | |
| 32.964 | 34.152 | 24.368 | |
| 1.024 | | | |
| 1/5/2017 12:00:00 PM | 50400.000 | 27.035 | 15.423 |

60.899 41071.215 50265.512
32.995 34.181 24.348
1.024
1/5/2017 12:15:00 PM 51300.000 27.032 15.425
60.893 41087.535 50283.418
33.008 34.193 24.338
1.024
1/5/2017 12:30:00 PM 52200.000 27.041 15.422
60.913 41036.051 50224.457
32.965 34.153 24.369
1.024
1/5/2017 12:45:00 PM 53100.000 27.040 15.429
60.910 41097.238 50291.020
33.014 34.198 24.333
1.024
1/5/2017 1:00:00 PM 54000.000 27.042 15.425
60.915 41057.125 50246.711
32.981 34.168 24.356
1.024
1/5/2017 1:15:00 PM 54900.000 27.044 15.429
60.920 41043.539 50224.590
32.966 34.153 24.364
1.024
1/5/2017 1:30:00 PM 55800.000 27.047 15.431
60.926 41064.496 50248.039
32.983 34.169 24.352
1.024
1/5/2017 1:45:00 PM 56700.000 27.049 15.426
60.931 41043.480 50228.039
32.968 34.155 24.364
1.024
1/5/2017 2:00:00 PM 57600.000 27.047 15.436
60.926 41058.031 50234.320
32.973 34.159 24.356
1.024
1/5/2017 2:15:00 PM 58500.000 27.055 15.430
60.943 41073.320 50260.191
32.992 34.177 24.347
1.024
1/5/2017 2:30:00 PM 59400.000 27.057 15.432
60.949 41084.465 50272.066
33.001 34.185 24.340
1.024
1/5/2017 2:45:00 PM 60300.000 27.053 15.433
60.940 41104.160 50294.086
33.017 34.200 24.328
1.024
1/5/2017 3:00:00 PM 61200.000 27.057 15.213
60.947 40999.871 50425.668
33.096 34.289 24.390
1.024
1/5/2017 3:15:00 PM 62100.000 27.060 15.384
60.955 41047.477 50282.121
33.004 34.192 24.362
1.024
1/5/2017 3:30:00 PM 63000.000 27.061 15.419
60.958 41081.039 50282.953

| | | | |
|---|---|---|---|
| 33.008 | 34.192 | 24.342 | |
| 1.024 | | | |
| 1/5/2017 3:45:00 PM | 63900.000 | 27.063 | 15.446 |
| 60.963 | 41050.176 | 50212.664 | |
| 32.958 | 34.145 | 24.360 | |
| 1.024 | | | |
| 1/5/2017 4:00:00 PM | 64800.000 | 27.061 | 15.463 |
| 60.959 | 41111.441 | 50267.957 | |
| 33.000 | 34.182 | 24.324 | |
| 1.024 | | | |
| 1/5/2017 4:15:00 PM | 65700.000 | 27.058 | 15.462 |
| 60.951 | 41120.375 | 50280.125 | |
| 33.009 | 34.190 | 24.319 | |
| 1.024 | | | |
| 1/5/2017 4:30:00 PM | 66600.000 | 27.060 | 15.456 |
| 60.955 | 41063.410 | 50217.531 | |
| 32.962 | 34.148 | 24.353 | |
| 1.024 | | | |
| 1/5/2017 4:45:00 PM | 67500.000 | 27.056 | 15.461 |
| 60.947 | 41098.355 | 50254.559 | |
| 32.990 | 34.173 | 24.332 | |
| 1.024 | | | |
| 1/5/2017 5:00:00 PM | 68400.000 | 27.056 | 15.453 |
| 60.946 | 41096.668 | 50261.840 | |
| 32.995 | 34.178 | 24.333 | |
| 1.024 | | | |
| 1/5/2017 5:15:00 PM | 69300.000 | 27.049 | 15.459 |
| 60.931 | 41128.152 | 50293.598 | |
| 33.018 | 34.200 | 24.314 | |
| 1.024 | | | |
| 1/5/2017 5:30:00 PM | 70200.000 | 27.049 | 15.455 |
| 60.930 | 41109.277 | 50274.563 | |
| 33.004 | 34.187 | 24.325 | |
| 1.024 | | | |
| 1/5/2017 5:45:00 PM | 71100.000 | 27.040 | 15.462 |
| 60.910 | 41128.180 | 50289.770 | |
| 33.016 | 34.197 | 24.314 | |
| 1.024 | | | |
| 1/5/2017 6:00:00 PM | 72000.000 | 27.034 | 15.463 |
| 60.896 | 41125.750 | 50285.453 | |
| 33.013 | 34.194 | 24.316 | |
| 1.024 | | | |
| 1/5/2017 6:15:00 PM | 72900.000 | 27.032 | 15.477 |
| 60.892 | 41129.484 | 50273.293 | |
| 33.005 | 34.186 | 24.313 | |
| 1.024 | | | |
| 1/5/2017 6:30:00 PM | 73800.000 | 27.018 | 15.481 |
| 60.860 | 41076.605 | 50204.715 | |
| 32.955 | 34.139 | 24.345 | |
| 1.024 | | | |
| 1/5/2017 6:45:00 PM | 74700.000 | 27.015 | 15.477 |
| 60.853 | 41119.859 | 50262.156 | |
| 32.997 | 34.178 | 24.319 | |
| 1.024 | | | |
| 1/5/2017 7:00:00 PM | 75600.000 | 27.009 | 15.477 |
| 60.840 | 41099.543 | 50237.125 | |
| 32.978 | 34.161 | 24.331 | |

1.024
1/5/2017 7:15:00 PM 76500.000 27.004 15.476
60.830 41104.211 50243.449
32.983 34.166 24.328
1.024
1/5/2017 7:30:00 PM 77400.000 26.996 15.479
60.811 41035.480 50156.633
32.920 34.107 24.369
1.024
1/5/2017 7:45:00 PM 78300.000 26.991 15.477
60.800 41132.918 50277.813
33.008 34.189 24.311
1.024
1/5/2017 8:00:00 PM 79200.000 26.982 15.477
60.779 41072.277 50203.887
32.954 34.139 24.347
1.024
1/5/2017 8:15:00 PM 80100.000 26.974 15.475
60.761 41091.938 50229.789
32.973 34.156 24.336
1.024
1/5/2017 8:30:00 PM 81000.000 26.972 15.479
60.758 41079.227 50210.102
32.959 34.143 24.343
1.024
1/5/2017 8:45:00 PM 81900.000 26.962 15.482
60.735 41050.176 50171.367
32.931 34.117 24.360
1.024
1/5/2017 9:00:00 PM 82800.000 26.953 15.486
60.715 41066.930 50187.293
32.943 34.127 24.350
1.024
1/5/2017 9:15:00 PM 83700.000 26.953 15.480
60.715 41036.512 50157.070
32.920 34.107 24.369
1.024
1/5/2017 9:30:00 PM 84600.000 26.947 15.483
60.702 41019.723 50132.613
32.902 34.090 24.379
1.024
1/5/2017 9:45:00 PM 85500.000 26.946 15.480
60.698 41002.496 50115.180
32.889 34.078 24.389
1.024
1/5/2017 10:00:00 PM 86400.000 26.945 15.488
60.696 41019.543 50126.277
32.898 34.086 24.379
1.024
1/5/2017 10:15:00 PM 87300.000 26.941 15.487
60.688 41040.121 50153.297
32.918 34.104 24.366
1.024
1/5/2017 10:30:00 PM 88200.000 26.937 15.485
60.679 41031.387 50144.797
32.911 34.098 24.372
1.024

1/5/2017 10:45:00 PM 89100.000 26.940 15.482
60.685 41034.895 50152.602
32.917 34.104 24.370
1.024
1/5/2017 11:00:00 PM 90000.000 26.938 15.488
60.681 41012.020 50117.398
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1/5/2017 11:15:00 PM 90900.000 26.942 15.492
60.689 41025.688 50129.242
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1/5/2017 11:30:00 PM 91800.000 26.942 15.486
60.690 41029.379 50140.367
32.908 34.095 24.373
1.024
1/5/2017 11:45:00 PM 92700.000 26.949 15.493
60.705 41041.348 50147.441
32.914 34.100 24.366
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1/6/2017 12:00:00 AM 93600.000 26.949 15.485
60.705 41043.395 50159.363
32.922 34.108 24.364
1.024
1/6/2017 12:15:00 AM 94500.000 26.954 15.489
60.716 41022.809 50128.820
32.900 34.088 24.377
1.024
1/6/2017 12:30:00 AM 95400.000 26.962 15.488
60.734 41056.160 50171.648
32.931 34.117 24.357
1.024
1/6/2017 12:45:00 AM 96300.000 26.971 15.482
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32.934 34.120 24.358
1.024
1/6/2017 1:00:00 AM 97200.000 26.973 15.489
60.758 41052.293 50165.152
32.927 34.112 24.359
1.024
1/6/2017 1:15:00 AM 98100.000 26.983 15.491
60.781 41051.270 50161.418
32.924 34.110 24.360
1.024
1/6/2017 1:30:00 AM 99000.000 26.987 15.490
60.792 41049.055 50159.859
32.923 34.109 24.361
1.024
1/6/2017 1:45:00 AM 99900.000 26.993 15.494
60.804 41036.953 50140.711
32.909 34.096 24.368
1.024
1/6/2017 2:00:00 AM 100800.000 27.001 15.493
60.821 41071.422 50183.977
32.941 34.125 24.348
1.024
1/6/2017 2:15:00 AM 101700.000 27.007 15.512

60.835 41091.613 50186.680
32.944 34.127 24.336
1.024
1/6/2017 2:30:00 AM 102600.000 27.017 15.498
60.858 41078.727 50186.891
32.943 34.127 24.344
1.024
1/6/2017 2:45:00 AM 103500.000 27.024 15.506
60.875 41075.961 50174.609
32.935 34.119 24.345
1.024
1/6/2017 3:00:00 AM 104400.000 27.029 15.494
60.884 41056.340 50163.902
32.926 34.111 24.357
1.024
1/6/2017 3:15:00 AM 105300.000 27.038 15.484
60.907 41036.668 50151.758
32.916 34.103 24.368
1.024
1/6/2017 3:30:00 AM 106200.000 27.038 15.475
60.907 41067.992 50200.520
32.951 34.136 24.350
1.024
1/6/2017 3:45:00 AM 107100.000 27.050 15.459
60.932 41066.402 50217.977
32.963 34.148 24.351
1.024
1/6/2017 4:00:00 AM 108000.000 27.055 15.457
60.945 41039.238 50187.051
32.940 34.127 24.367
1.024
1/6/2017 4:15:00 AM 108900.000 27.060 15.448
60.955 41020.488 50174.063
32.930 34.118 24.378
1.024
1/6/2017 4:30:00 AM 109800.000 27.061 15.454
60.959 41026.559 50174.844
32.931 34.119 24.374
1.024
1/6/2017 4:45:00 AM 110700.000 27.067 15.453
60.971 41081.434 50242.902
32.981 34.165 24.342
1.024
1/6/2017 5:00:00 AM 111600.000 27.071 15.446
60.981 41099.301 50273.578
33.003 34.186 24.331
1.024
1/6/2017 5:15:00 AM 112500.000 27.069 15.447
60.976 41058.137 50221.563
32.965 34.151 24.356
1.024
1/6/2017 5:30:00 AM 113400.000 27.069 15.442
60.976 41051.906 50220.066
32.963 34.150 24.359
1.024
1/6/2017 5:45:00 AM 114300.000 27.073 15.441
60.984 41094.570 50273.715

| | | | |
|---|---|---|---|
| 33.002 | 34.186 | 24.334 | |
| 1.024 | | | |
| 1/6/2017 6:00:00 AM | 115200.000 | 27.071 | 15.444 |
| 60.980 | 41107.727 | 50285.750 | |
| 33.012 | 34.194 | 24.326 | |
| 1.024 | | | |
| 1/6/2017 6:15:00 AM | 116100.000 | 27.064 | 15.446 |
| 60.963 | 41164.926 | 50353.027 | |
| 33.061 | 34.240 | 24.293 | |
| 1.024 | | | |
| 1/6/2017 6:30:00 AM | 117000.000 | 27.064 | 15.447 |
| 60.963 | 41143.938 | 50326.305 | |
| 33.042 | 34.222 | 24.305 | |
| 1.024 | | | |
| 1/6/2017 6:45:00 AM | 117900.000 | 27.061 | 15.447 |
| 60.958 | 41121.004 | 50298.461 | |
| 33.021 | 34.203 | 24.318 | |
| 1.024 | | | |
| 1/6/2017 7:00:00 AM | 118800.000 | 27.053 | 15.460 |
| 60.940 | 41183.426 | 50359.930 | |
| 33.067 | 34.245 | 24.282 | |
| 1.024 | | | |
| 1/6/2017 7:15:00 AM | 119700.000 | 27.053 | 15.473 |
| 60.940 | 41139.410 | 50290.930 | |
| 33.018 | 34.198 | 24.308 | |
| 1.024 | | | |
| 1/6/2017 7:30:00 AM | 120600.000 | 27.045 | 15.489 |
| 60.921 | 41196.500 | 50341.793 | |
| 33.056 | 34.232 | 24.274 | |
| 1.024 | | | |
| 1/6/2017 7:45:00 AM | 121500.000 | 27.039 | 15.489 |
| 60.907 | 41233.566 | 50386.363 | |
| 33.089 | 34.263 | 24.252 | |
| 1.024 | | | |
| 1/6/2017 8:00:00 AM | 122400.000 | 27.029 | 15.487 |
| 60.886 | 41186.285 | 50331.805 | |
| 33.049 | 34.226 | 24.280 | |
| 1.024 | | | |
| 1/6/2017 8:15:00 AM | 123300.000 | 27.027 | 15.484 |
| 60.880 | 41209.047 | 50362.848 | |
| 33.071 | 34.247 | 24.267 | |
| 1.024 | | | |
| 1/6/2017 8:30:00 AM | 124200.000 | 27.018 | 15.473 |
| 60.860 | 41220.656 | 50389.734 | |
| 33.090 | 34.265 | 24.260 | |
| 1.024 | | | |
| 1/6/2017 8:45:00 AM | 125100.000 | 27.015 | 15.466 |
| 60.853 | 41163.617 | 50328.223 | |
| 33.044 | 34.223 | 24.293 | |
| 1.024 | | | |
| 1/6/2017 9:00:00 AM | 126000.000 | 27.006 | 15.466 |
| 60.833 | 41192.688 | 50363.457 | |
| 33.070 | 34.247 | 24.276 | |
| 1.024 | | | |
| 1/6/2017 9:15:00 AM | 126900.000 | 27.004 | 15.469 |
| 60.830 | 41180.109 | 50345.059 | |
| 33.057 | 34.235 | 24.284 | |

1.024
1/6/2017 9:30:00 AM 127800.000 26.997 15.464
60.813 41166.066 50334.129
33.049 34.227 24.292
1.024
1/6/2017 9:45:00 AM 128700.000 26.990 15.462
60.798 41132.945 50295.094
33.020 34.201 24.311
1.024
1/6/2017 10:00:00 AM 129600.000 26.983
15.473 60.781 41171.359
50330.207 33.046 34.225
24.289 1.024
1/6/2017 10:15:00 AM 130500.000 26.979
15.468 60.773 41124.586
50277.785 33.008 34.189
24.316 1.024
1/6/2017 10:30:00 AM 131400.000 26.975
15.471 60.763 41082.164
50222.719 32.967 34.151
24.341 1.024
1/6/2017 10:45:00 AM 132300.000 26.968
15.472 60.748 41096.121
50238.332 32.979 34.162
24.333 1.024
1/6/2017 11:00:00 AM 133200.000 26.964
15.470 60.738 41111.070
50258.887 32.994 34.176
24.324 1.024
1/6/2017 11:15:00 AM 134100.000 26.960
15.471 60.729 41073.520
50212.363 32.960 34.144
24.347 1.024
1/6/2017 11:30:00 AM 135000.000 26.959
15.469 60.728 41061.215
50199.809 32.950 34.136
24.354 1.024
1/6/2017 11:45:00 AM 135900.000 26.954
15.475 60.716 40997.172
50114.367 32.888 34.078
24.392 1.024
1/6/2017 12:00:00 PM 136800.000 26.949
15.474 60.705 41044.270
50173.086 32.931 34.118
24.364 1.024
1/6/2017 12:15:00 PM 137700.000 26.950
15.470 60.707 41037.461
50169.625 32.928 34.115
24.368 1.024
1/6/2017 12:30:00 PM 138600.000 26.947
15.481 60.702 41046.168
50166.801 32.927 34.113
24.363 1.024
1/6/2017 12:45:00 PM 139500.000 26.946
15.476 60.698 41033.422
50157.535 32.920 34.107
24.370 1.024

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|---|---|---|---|
| 1/6/2017 1:00:00 PM | 140400.000 | 26.951 | 15.474 |
| 60.709 | 41011.523 | 50133.555 | |
| 32.902 | 34.091 | 24.383 | |
| 1.024 | | | |
| 1/6/2017 1:15:00 PM | 141300.000 | 26.946 | 15.481 |
| 60.698 | 40982.762 | 50089.617 | |
| 32.871 | 34.061 | 24.401 | |
| 1.024 | | | |
| 1/6/2017 1:30:00 PM | 142200.000 | 26.947 | 15.478 |
| 60.701 | 40989.492 | 50101.664 | |
| 32.879 | 34.069 | 24.396 | |
| 1.024 | | | |
| 1/6/2017 1:45:00 PM | 143100.000 | 26.950 | 15.486 |
| 60.707 | 41018.234 | 50127.375 | |
| 32.899 | 34.087 | 24.379 | |
| 1.024 | | | |
| 1/6/2017 2:00:00 PM | 144000.000 | 26.955 | 15.478 |
| 60.719 | 41053.840 | 50179.590 | |
| 32.936 | 34.122 | 24.358 | |
| 1.024 | | | |
| 1/6/2017 2:15:00 PM | 144900.000 | 26.953 | 15.484 |
| 60.715 | 41041.375 | 50157.934 | |
| 32.921 | 34.107 | 24.366 | |
| 1.024 | | | |
| 1/6/2017 2:30:00 PM | 145800.000 | 26.956 | 15.490 |
| 60.720 | 41074.680 | 50191.379 | |
| 32.946 | 34.130 | 24.346 | |
| 1.024 | | | |
| 1/6/2017 2:45:00 PM | 146700.000 | 26.959 | 15.488 |
| 60.727 | 41054.969 | 50169.363 | |
| 32.930 | 34.115 | 24.358 | |
| 1.024 | | | |
| 1/6/2017 3:00:00 PM | 147600.000 | 26.962 | 15.494 |
| 60.734 | 41041.297 | 50145.715 | |
| 32.913 | 34.099 | 24.366 | |
| 1.024 | | | |
| 1/6/2017 3:15:00 PM | 148500.000 | 26.968 | 15.491 |
| 60.748 | 41045.699 | 50155.336 | |
| 32.920 | 34.106 | 24.363 | |
| 1.024 | | | |
| 1/6/2017 3:30:00 PM | 149400.000 | 26.967 | 15.498 |
| 60.745 | 41055.641 | 50158.902 | |
| 32.923 | 34.108 | 24.357 | |
| 1.024 | | | |
| 1/6/2017 3:45:00 PM | 150300.000 | 26.972 | 15.509 |
| 60.758 | 41060.094 | 50151.914 | |
| 32.918 | 34.103 | 24.355 | |
| 1.024 | | | |
| 1/6/2017 4:00:00 PM | 151200.000 | 26.974 | 15.496 |
| 60.762 | 41058.441 | 50165.012 | |
| 32.927 | 34.112 | 24.356 | |
| 1.024 | | | |
| 1/6/2017 4:15:00 PM | 152100.000 | 26.977 | 15.504 |
| 60.769 | 41052.781 | 50148.680 | |
| 32.916 | 34.101 | 24.359 | |
| 1.024 | | | |
| 1/6/2017 4:30:00 PM | 153000.000 | 26.982 | 15.505 |

60.780 41082.520 50183.871
32.942 34.125 24.341
1.024
1/6/2017 4:45:00 PM 153900.000 26.980 15.511
60.774 41067.938 50159.215
32.924 34.108 24.350
1.024
1/6/2017 5:00:00 PM 154800.000 26.983 15.510
60.781 41055.996 50145.250
32.914 34.099 24.357
1.024
1/6/2017 5:15:00 PM 155700.000 26.986 15.504
60.790 41051.848 50146.707
32.914 34.100 24.359
1.024
1/6/2017 5:30:00 PM 156600.000 26.986 15.520
60.790 41106.512 50195.234
32.951 34.133 24.327
1.024
1/6/2017 5:45:00 PM 157500.000 26.980 15.520
60.776 41073.738 50155.438
32.922 34.106 24.346
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1/6/2017 6:00:00 PM 158400.000 26.983 15.516
60.781 41106.953 50200.344
32.954 34.136 24.327
1.024
1/6/2017 6:15:00 PM 159300.000 26.980 15.526
60.776 41108.238 50190.316
32.948 34.129 24.326
1.024
1/6/2017 6:30:00 PM 160200.000 26.978 15.525
60.771 41081.023 50158.027
32.924 34.107 24.342
1.024
1/6/2017 6:45:00 PM 161100.000 26.977 15.524
60.769 41085.754 50165.656
32.930 34.113 24.339
1.024
1/6/2017 7:00:00 PM 162000.000 26.975 15.522
60.763 41080.977 50161.477
32.926 34.110 24.342
1.024
1/6/2017 7:15:00 PM 162900.001 26.968 15.518
60.748 41118.340 50212.172
32.963 34.144 24.320
1.024
1/6/2017 7:30:00 PM 163800.000 26.963 15.529
60.736 41063.199 50132.016
32.905 34.090 24.353
1.024
1/6/2017 7:45:00 PM 164700.000 26.962 15.523
60.734 41086.621 50167.340
32.931 34.114 24.339
1.024
1/6/2017 8:00:00 PM 165600.000 26.957 15.522
60.723 41067.977 50145.699

32.915 34.099 24.350
1.024
1/6/2017 8:15:00 PM 166500.000 26.952 15.525
60.711 41110.699 50194.758
32.951 34.132 24.325
1.024
1/6/2017 8:30:00 PM 167400.000 26.943 15.530
60.692 41047.387 50111.680
32.891 34.076 24.362
1.024
1/6/2017 8:45:00 PM 168300.000 26.946 15.517
60.698 41040.289 50117.582
32.894 34.080 24.366
1.024
1/6/2017 9:00:00 PM 169200.010 26.936 15.527
60.676 41044.047 50111.121
32.890 34.076 24.364
1.024
1/6/2017 9:15:00 PM 170100.000 26.932 15.526
60.667 41062.895 50134.750
32.907 34.092 24.353
1.024
1/6/2017 9:30:00 PM 171000.000 26.930 15.520
60.663 41050.246 50126.129
32.900 34.086 24.360
1.024
1/6/2017 9:45:00 PM 171900.000 26.921 15.532
60.642 41054.129 50117.629
32.895 34.080 24.358
1.024
1/6/2017 10:00:00 PM 172800.000 26.917
15.531 60.633 41038.254
50099.293 32.882 34.068
24.368 1.024
1/6/2017 10:15:00 PM 173700.000 26.916
15.521 60.630 41047.246
50122.254 32.898 34.083
24.362 1.024
1/6/2017 10:30:00 PM 174600.000 26.915
15.518 60.628 41022.039
50094.262 32.877 34.064
24.377 1.024
1/6/2017 10:45:00 PM 175500.000 26.912
15.520 60.623 41040.945
50114.770 32.892 34.078
24.366 1.024
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15.528 60.611 41021.660
50082.141 32.869 34.056
24.377 1.024
1/6/2017 11:15:00 PM 177300.000 26.910
15.520 60.616 40953.094
50007.398 32.813 34.005
24.418 1.024
1/6/2017 11:30:00 PM 178200.000 26.910
15.517 60.617 40982.387
50047.094 32.842 34.032

24.401 1.024
1/6/2017 11:45:00 PM 179100.000 26.910
15.523 60.617 41002.539
50065.184 32.856 34.044
24.389 1.024
1/7/2017 12:00:00 AM 180000.000 26.918
15.516 60.634 40958.414
50019.051 32.822 34.013
24.415 1.024
1/7/2017 12:15:00 AM 180900.000 26.916
15.517 60.630 40999.926
50068.094 32.858 34.046
24.390 1.024
1/7/2017 12:30:00 AM 181800.000 26.920
15.523 60.639 41007.137
50070.797 32.860 34.048
24.386 1.024
1/7/2017 12:45:00 AM 182700.000 26.925
15.519 60.652 40994.754
50060.219 32.852 34.041
24.393 1.024
1/7/2017 1:00:00 AM 183600.000 26.935 15.514
60.673 41015.824 50091.531
32.875 34.062 24.381
1.024
1/7/2017 1:15:00 AM 184500.000 26.939 15.524
60.682 40954.680 50005.000
32.812 34.003 24.417
1.024
1/7/2017 1:30:00 AM 185400.000 26.945 15.524
60.696 41006.664 50069.090
32.859 34.047 24.386
1.024
1/7/2017 1:45:00 AM 186300.000 26.951 15.520
60.709 41037.656 50111.156
32.889 34.076 24.368
1.024
1/7/2017 2:00:00 AM 187200.000 26.960 15.528
60.729 41027.820 50089.547
32.874 34.061 24.374
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1/7/2017 2:15:00 AM 188100.000 26.967 15.528
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1/7/2017 3:00:00 AM 190800.000 26.997 15.502
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32.824 34.016 24.421
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1/7/2017 3:15:00 AM 191700.000 27.004 15.482
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1/7/2017 3:45:00 AM 193500.000 27.028 15.466
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32.864 34.056 24.413
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1/7/2017 4:00:00 AM 194400.000 27.042 15.458
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32.926 34.115 24.385
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1/7/2017 5:00:00 AM 198000.000 27.071 15.435
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32.946 34.134 24.375
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1/7/2017 5:15:00 AM 198900.000 27.081 15.432
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32.953 34.141 24.372
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1/7/2017 5:30:00 AM 199800.000 27.083 15.427
61.007 41048.629 50233.410
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1/7/2017 5:45:00 AM 200700.000 27.088 15.426
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32.984 34.170 24.354
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1/7/2017 6:00:00 AM 201600.000 27.088 15.422
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1/7/2017 6:15:00 AM 202500.000 27.088 15.415
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1/7/2017 6:45:00 AM 204300.000 27.093 15.415

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1/7/2017 8:45:00 AM 211500.000 27.059 15.483
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33.058 34.234 24.276
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1/7/2017 9:00:00 AM 212400.000 27.055 15.475
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33.100 34.274 24.252
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1/7/2017 9:15:00 AM 213300.000 27.049 15.487
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33.110 34.283 24.239
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1/7/2017 9:30:00 AM 214200.000 27.041 15.476
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24.380 1.024
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15.466 60.743 41009.234
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24.385 1.024
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32.912 34.100 24.380
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60.740 40942.238 50040.586
32.835 34.028 24.425
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32.869 34.058 24.394
1.024
1/7/2017 5:00:00 PM 241200.000 26.976 15.497
60.765 41006.672 50099.699
32.879 34.068 24.386
1.024
1/7/2017 5:15:00 PM 242100.000 26.979 15.492
60.773 41006.637 50105.750
32.883 34.072 24.386
1.024

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| 1/7/2017 5:30:00 PM | 243000.000 | 26.986 | 15.501 |
| 60.790 | 41032.254 | 50127.020 | |
| 32.900 | 34.086 | 24.371 | |
| 1.024 | | | |
| 1/7/2017 5:45:00 PM | 243900.000 | 26.991 | 15.499 |
| 60.800 | 41030.242 | 50127.133 | |
| 32.900 | 34.086 | 24.372 | |
| 1.024 | | | |
| 1/7/2017 6:00:00 PM | 244800.000 | 26.985 | 15.517 |
| 60.786 | 41066.711 | 50150.688 | |
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| 1.024 | | | |
| 1/7/2017 6:15:00 PM | 245700.000 | 26.992 | 15.511 |
| 60.801 | 41042.750 | 50128.453 | |
| 32.901 | 34.087 | 24.365 | |
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| 1/7/2017 6:30:00 PM | 246600.000 | 26.994 | 15.508 |
| 60.807 | 41040.223 | 50128.773 | |
| 32.901 | 34.088 | 24.366 | |
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| 1/7/2017 6:45:00 PM | 247500.000 | 26.987 | 15.518 |
| 60.790 | 41021.758 | 50093.723 | |
| 32.877 | 34.064 | 24.377 | |
| 1.024 | | | |
| 1/7/2017 7:00:00 PM | 248400.000 | 26.990 | 15.508 |
| 60.798 | 41029.680 | 50115.898 | |
| 32.892 | 34.079 | 24.373 | |
| 1.024 | | | |
| 1/7/2017 7:15:00 PM | 249300.000 | 26.991 | 15.509 |
| 60.800 | 41040.121 | 50126.582 | |
| 32.900 | 34.086 | 24.366 | |
| 1.024 | | | |
| 1/7/2017 7:30:00 PM | 250200.000 | 26.982 | 15.513 |
| 60.780 | 41051.789 | 50137.121 | |
| 32.908 | 34.093 | 24.359 | |
| 1.024 | | | |
| 1/7/2017 7:45:00 PM | 251100.000 | 26.984 | 15.515 |
| 60.785 | 41063.828 | 50148.809 | |
| 32.917 | 34.101 | 24.352 | |
| 1.024 | | | |
| 1/7/2017 8:00:00 PM | 252000.000 | 26.978 | 15.530 |
| 60.770 | 41061.926 | 50128.707 | |
| 32.903 | 34.088 | 24.353 | |
| 1.024 | | | |
| 1/7/2017 8:15:00 PM | 252900.000 | 26.988 | 15.504 |
| 60.793 | 41060.953 | 50158.563 | |
| 32.923 | 34.108 | 24.354 | |
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| 60.780 | 41102.227 | 50151.738 | |
| 32.922 | 34.103 | 24.330 | |
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| 1/7/2017 8:45:00 PM | 254700.000 | 26.976 | 15.537 |
| 60.765 | 41064.043 | 50123.949 | |
| 32.900 | 34.084 | 24.352 | |
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50136.746 32.908 34.093
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60.765 40937.680 50053.223
32.843 34.036 24.427
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1/8/2017 2:45:00 PM 319500.000 26.967 15.470
60.746 40974.980 50092.715

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| 32.872 | 34.063 | 24.405 | |
| 1.024 | | | |
| 1/8/2017 3:00:00 PM | 320400.000 | 26.974 | 15.452 |
| 60.761 | 40963.512 | 50100.641 | |
| 32.877 | 34.068 | 24.412 | |
| 1.024 | | | |
| 1/8/2017 3:15:00 PM | 321300.000 | 26.976 | 15.463 |
| 60.765 | 40978.320 | 50105.711 | |
| 32.881 | 34.072 | 24.403 | |
| 1.024 | | | |
| 1/8/2017 3:30:00 PM | 322200.000 | 26.978 | 15.454 |
| 60.771 | 40922.570 | 50047.668 | |
| 32.838 | 34.032 | 24.436 | |
| 1.024 | | | |
| 1/8/2017 3:45:00 PM | 323100.000 | 26.973 | 15.467 |
| 60.758 | 40928.098 | 50039.750 | |
| 32.833 | 34.027 | 24.433 | |
| 1.024 | | | |
| 1/8/2017 4:00:00 PM | 324000.000 | 26.983 | 15.459 |
| 60.781 | 40947.695 | 50072.398 | |
| 32.856 | 34.049 | 24.421 | |
| 1.024 | | | |
| 1/8/2017 4:15:00 PM | 324900.000 | 26.983 | 15.464 |
| 60.783 | 40926.684 | 50041.434 | |
| 32.834 | 34.028 | 24.434 | |
| 1.024 | | | |
| 1/8/2017 4:30:00 PM | 325800.000 | 26.994 | 15.458 |
| 60.807 | 40949.680 | 50076.484 | |
| 32.859 | 34.052 | 24.420 | |
| 1.024 | | | |
| 1/8/2017 4:45:00 PM | 326700.000 | 26.997 | 15.456 |
| 60.813 | 40923.426 | 50046.039 | |
| 32.837 | 34.031 | 24.436 | |
| 1.024 | | | |
| 1/8/2017 5:00:00 PM | 327600.000 | 27.004 | 15.465 |
| 60.830 | 40919.898 | 50031.996 | |
| 32.827 | 34.022 | 24.438 | |
| 1.024 | | | |
| 1/8/2017 5:15:00 PM | 328500.000 | 27.007 | 15.464 |
| 60.836 | 40980.434 | 50106.430 | |
| 32.882 | 34.072 | 24.402 | |
| 1.024 | | | |
| 1/8/2017 5:30:00 PM | 329400.000 | 27.003 | 15.471 |
| 60.826 | 40947.496 | 50058.711 | |
| 32.847 | 34.040 | 24.422 | |
| 1.024 | | | |
| 1/8/2017 5:45:00 PM | 330300.000 | 27.014 | 15.465 |
| 60.851 | 40920.418 | 50032.328 | |
| 32.828 | 34.022 | 24.438 | |
| 1.024 | | | |
| 1/8/2017 6:00:00 PM | 331200.000 | 27.021 | 15.466 |
| 60.868 | 40974.250 | 50096.273 | |
| 32.874 | 34.065 | 24.406 | |
| 1.024 | | | |
| 1/8/2017 6:15:00 PM | 332100.000 | 27.022 | 15.474 |
| 60.869 | 40956.656 | 50066.289 | |
| 32.853 | 34.045 | 24.416 | |

1.024
1/8/2017 6:30:00 PM 333000.000 27.022 15.485
60.870 40985.715 50088.148
32.870 34.060 24.399
1.024
1/8/2017 6:45:00 PM 333900.000 27.024 15.486
60.873 41024.789 50135.688
32.905 34.092 24.376
1.024
1/8/2017 7:00:00 PM 334800.000 27.029 15.479
60.885 40990.891 50102.336
32.880 34.070 24.396
1.024
1/8/2017 7:15:00 PM 335700.000 27.034 15.484
60.897 41002.281 50110.457
32.886 34.075 24.389
1.024
1/8/2017 7:30:00 PM 336600.000 27.033 15.484
60.895 41021.410 50133.023
32.903 34.090 24.378
1.024
1/8/2017 7:45:00 PM 337500.000 27.038 15.488
60.905 40959.781 50053.563
32.845 34.036 24.414
1.024
1/8/2017 8:00:00 PM 338400.000 27.038 15.483
60.905 40989.445 50095.910
32.875 34.065 24.397
1.024
1/8/2017 8:15:00 PM 339300.000 27.032 15.481
60.892 40965.645 50068.793
32.855 34.047 24.411
1.024
1/8/2017 8:30:00 PM 340200.000 27.034 15.474
60.897 41000.633 50120.145
32.892 34.082 24.390
1.024
1/8/2017 8:45:00 PM 341100.000 27.039 15.481
60.907 41015.750 50129.520
32.900 34.088 24.381
1.024
1/8/2017 9:00:00 PM 342000.000 27.032 15.492
60.892 40973.309 50065.648
32.854 34.045 24.406
1.024
1/8/2017 9:15:00 PM 342900.000 27.031 15.491
60.889 41035.379 50142.629
32.910 34.097 24.369
1.024
1/8/2017 9:30:00 PM 343800.000 27.025 15.498
60.877 41038.543 50138.520
32.908 34.094 24.367
1.024
1/8/2017 9:45:00 PM 344700.000 27.024 15.488
60.873 41038.301 50148.895
32.915 34.101 24.367
1.024

1/8/2017 10:00:00 PM 345600.000 27.015
15.502 60.853 41029.660
50122.398 32.896 34.083
24.373 1.024
1/8/2017 10:15:00 PM 346500.000 27.016
15.493 60.856 41062.344
50173.418 32.933 34.118
24.353 1.024
1/8/2017 10:30:00 PM 347400.000 27.011
15.494 60.844 41049.859
50156.180 32.920 34.106
24.361 1.024
1/8/2017 10:45:00 PM 348300.000 27.012
15.487 60.848 41082.219
50204.434 32.955 34.139
24.341 1.024
1/8/2017 11:00:00 PM 349200.000 27.003
15.487 60.826 41027.133
50136.492 32.906 34.093
24.374 1.024
1/8/2017 11:15:00 PM 350100.000 27.000
15.487 60.819 41077.473
50198.105 32.951 34.135
24.344 1.024
1/8/2017 11:30:00 PM 351000.000 26.999
15.475 60.817 41060.371
50191.723 32.945 34.130
24.354 1.024
1/8/2017 11:45:00 PM 351900.000 26.991
15.480 60.800 41053.805
50177.668 32.935 34.121
24.358 1.024
1/9/2017 12:00:00 AM 352800.000 26.987
15.480 60.791 41042.816
50164.563 32.925 34.112
24.365 1.024
1/9/2017 12:15:00 AM 353700.000 26.990
15.474 60.797 41017.266
50140.574 32.907 34.096
24.380 1.024
1/9/2017 12:30:00 AM 354600.000 26.985
15.477 60.785 40996.750
50111.773 32.887 34.076
24.392 1.024
1/9/2017 12:45:00 AM 355500.000 26.982
15.469 60.779 40991.949
50115.324 32.889 34.078
24.395 1.024
1/9/2017 1:00:00 AM 356400.000 26.985 15.469
60.787 40998.258 50122.840
32.894 34.084 24.391
1.024
1/9/2017 1:15:00 AM 357300.000 26.984 15.470
60.784 40975.023 50093.496
32.873 34.064 24.405
1.024
1/9/2017 1:30:00 AM 358200.000 26.987 15.470

| | | | |
|---|---|---|---|
| 60.792 | 41004.977 | 50129.188 | |
| 32.899 | 34.088 | 24.387 | |
| 1.024 | | | |
| 1/9/2017 1:45:00 AM | 359100.000 | 26.987 | 15.469 |
| 60.790 | 40981.906 | 50102.324 | |
| 32.879 | 34.070 | 24.401 | |
| 1.024 | | | |
| 1/9/2017 2:00:00 AM | 360000.000 | 26.984 | 15.473 |
| 60.784 | 40976.207 | 50091.645 | |
| 32.872 | 34.062 | 24.404 | |
| 1.024 | | | |
| 1/9/2017 2:15:00 AM | 360900.000 | 26.995 | 15.470 |
| 60.808 | 40955.277 | 50069.258 | |
| 32.855 | 34.047 | 24.417 | |
| 1.024 | | | |
| 1/9/2017 2:30:00 AM | 361800.000 | 26.996 | 15.470 |
| 60.811 | 40957.438 | 50071.176 | |
| 32.856 | 34.048 | 24.416 | |
| 1.024 | | | |
| 1/9/2017 2:45:00 AM | 362700.000 | 26.995 | 15.474 |
| 60.810 | 40979.371 | 50093.324 | |
| 32.873 | 34.063 | 24.403 | |
| 1.024 | | | |
| 1/9/2017 3:00:00 AM | 363600.000 | 27.005 | 15.470 |
| 60.831 | 41012.629 | 50139.570 | |
| 32.906 | 34.095 | 24.383 | |
| 1.024 | | | |
| 1/9/2017 3:15:00 AM | 364500.000 | 27.010 | 15.464 |
| 60.843 | 40947.621 | 50066.730 | |
| 32.853 | 34.045 | 24.421 | |
| 1.024 | | | |
| 1/9/2017 3:30:00 AM | 365400.000 | 27.024 | 15.465 |
| 60.873 | 40990.027 | 50117.125 | |
| 32.890 | 34.080 | 24.396 | |
| 1.024 | | | |
| 1/9/2017 3:45:00 AM | 366300.000 | 27.029 | 15.454 |
| 60.886 | 40932.527 | 50059.531 | |
| 32.847 | 34.040 | 24.430 | |
| 1.024 | | | |
| 1/9/2017 4:00:00 AM | 367200.000 | 27.040 | 15.438 |
| 60.910 | 40933.641 | 50080.152 | |
| 32.860 | 34.055 | 24.430 | |
| 1.024 | | | |
| 1/9/2017 4:15:00 AM | 368100.000 | 27.055 | 15.416 |
| 60.943 | 40947.824 | 50123.422 | |
| 32.890 | 34.084 | 24.421 | |
| 1.024 | | | |
| 1/9/2017 4:30:00 AM | 369000.000 | 27.064 | 15.407 |
| 60.963 | 40935.242 | 50117.664 | |
| 32.886 | 34.080 | 24.429 | |
| 1.024 | | | |
| 1/9/2017 4:45:00 AM | 369900.000 | 27.074 | 15.398 |
| 60.987 | 40954.789 | 50152.809 | |
| 32.911 | 34.104 | 24.417 | |
| 1.024 | | | |
| 1/9/2017 5:00:00 AM | 370800.000 | 27.085 | 15.390 |
| 61.011 | 40944.375 | 50149.094 | |

| | | | |
|---|---|---|---|
| 32.907 | 34.101 | 24.423 | |
| 1.024 | | | |
| 1/9/2017 5:15:00 AM | 371700.000 | 27.095 | 15.387 |
| 61.035 | 40927.629 | 50131.895 | |
| 32.895 | 34.090 | 24.433 | |
| 1.024 | | | |
| 1/9/2017 5:30:00 AM | 372600.000 | 27.106 | 15.382 |
| 61.058 | 41008.824 | 50237.602 | |
| 32.972 | 34.162 | 24.385 | |
| 1.024 | | | |
| 1/9/2017 5:45:00 AM | 373500.000 | 27.127 | 15.374 |
| 61.106 | 40983.965 | 50217.121 | |
| 32.956 | 34.148 | 24.400 | |
| 1.024 | | | |
| 1/9/2017 6:00:00 AM | 374400.000 | 27.135 | 15.366 |
| 61.124 | 41015.750 | 50265.332 | |
| 32.991 | 34.180 | 24.381 | |
| 1.024 | | | |
| 1/9/2017 6:15:00 AM | 375300.000 | 27.143 | 15.362 |
| 61.143 | 41022.797 | 50277.930 | |
| 33.000 | 34.189 | 24.377 | |
| 1.024 | | | |
| 1/9/2017 6:30:00 AM | 376200.000 | 27.148 | 15.353 |
| 61.154 | 41005.133 | 50267.547 | |
| 32.991 | 34.182 | 24.387 | |
| 1.024 | | | |
| 1/9/2017 6:45:00 AM | 377100.000 | 27.164 | 15.346 |
| 61.189 | 41048.707 | 50328.973 | |
| 33.036 | 34.224 | 24.361 | |
| 1.024 | | | |
| 1/9/2017 7:00:00 AM | 378000.000 | 27.172 | 15.343 |
| 61.207 | 41071.391 | 50360.031 | |
| 33.058 | 34.245 | 24.348 | |
| 1.024 | | | |
| 1/9/2017 7:15:00 AM | 378900.000 | 27.175 | 15.337 |
| 61.215 | 41105.188 | 50409.109 | |
| 33.094 | 34.278 | 24.328 | |
| 1.024 | | | |
| 1/9/2017 7:30:00 AM | 379800.000 | 27.178 | 15.330 |
| 61.221 | 41111.238 | 50424.469 | |
| 33.104 | 34.289 | 24.324 | |
| 1.024 | | | |
| 1/9/2017 7:45:00 AM | 380700.000 | 27.183 | 15.325 |
| 61.232 | 41168.320 | 50500.352 | |
| 33.160 | 34.340 | 24.291 | |
| 1.024 | | | |
| 1/9/2017 8:00:00 AM | 381600.000 | 27.195 | 15.320 |
| 61.258 | 41155.840 | 50491.223 | |
| 33.153 | 34.334 | 24.298 | |
| 1.024 | | | |
| 1/9/2017 8:15:00 AM | 382500.000 | 27.192 | 15.317 |
| 61.253 | 41191.125 | 50537.766 | |
| 33.186 | 34.366 | 24.277 | |
| 1.025 | | | |
| 1/9/2017 8:30:00 AM | 383400.000 | 27.189 | 15.316 |
| 61.245 | 41185.008 | 50530.992 | |
| 33.181 | 34.361 | 24.281 | |

1.025
1/9/2017 8:45:00 AM 384300.000 27.188 15.313
61.243 41195.949 50547.988
33.194 34.373 24.274
1.025
1/9/2017 9:00:00 AM 385200.000 27.187 15.312
61.242 41222.730 50582.734
33.219 34.396 24.258
1.025
1/9/2017 9:15:00 AM 386100.000 27.182 15.323
61.231 41242.355 50593.375
33.228 34.403 24.247
1.025
1/9/2017 9:30:00 AM 387000.000 27.174 15.339
61.212 41235.758 50565.977
33.209 34.385 24.251
1.025
1/9/2017 9:45:00 AM 387900.000 27.172 15.362
61.207 41281.969 50596.105
33.233 34.405 24.224
1.025
1/9/2017 10:00:00 AM 388800.000 27.155
15.390 61.170 41329.621
50621.246 33.253 34.422
24.196 1.025
1/9/2017 10:15:00 AM 389700.000 27.148
15.389 61.153 41335.203
50629.762 33.259 34.428
24.192 1.025
1/9/2017 10:30:00 AM 390600.000 27.138
15.386 61.131 41276.801
50560.953 33.209 34.381
24.227 1.025
1/9/2017 10:45:00 AM 391500.000 27.128
15.383 61.109 41293.328
50584.449 33.226 34.397
24.217 1.025
1/9/2017 11:00:00 AM 392400.000 27.119
15.393 61.089 41301.324
50583.563 33.226 34.397
24.212 1.025
1/9/2017 11:15:00 AM 393300.000 27.106
15.399 61.059 41266.406
50533.059 33.189 34.362
24.233 1.024
1/9/2017 11:30:00 AM 394200.000 27.101
15.394 61.047 41223.547
50486.730 33.155 34.331
24.258 1.024
1/9/2017 11:45:00 AM 395100.000 27.089
15.396 61.021 41214.371
50473.402 33.145 34.322
24.263 1.024
1/9/2017 12:00:00 PM 396000.000 27.074
15.397 60.988 41196.238
50449.520 33.128 34.306
24.274 1.024

1/9/2017 12:15:00 PM 396900.000 27.061
15.403 60.958 41142.531
50376.566 33.075 34.256
24.306 1.024
1/9/2017 12:30:00 PM 397800.000 27.048
15.399 60.927 41134.836
50372.250 33.071 34.253
24.310 1.024
1/9/2017 12:45:00 PM 398700.000 27.041
15.401 60.912 41057.504
50274.625 33.000 34.187
24.356 1.024
1/9/2017 1:00:00 PM 399600.000 27.032 15.408
60.892 41055.379 50264.652
32.993 34.180 24.357
1.024
1/9/2017 1:15:00 PM 400500.000 27.025 15.412
60.877 41049.078 50251.934
32.984 34.171 24.361
1.024
1/9/2017 1:30:00 PM 401400.000 27.017 15.419
60.859 41033.953 50225.223
32.965 34.153 24.370
1.024
1/9/2017 1:45:00 PM 402300.000 27.007 15.419
60.837 41057.145 50253.488
32.986 34.172 24.356
1.024
1/9/2017 2:00:00 PM 403200.000 26.999 15.422
60.818 41016.648 50200.086
32.947 34.136 24.380
1.024
1/9/2017 2:15:00 PM 404100.000 26.994 15.420
60.806 40956.285 50128.285
32.894 34.087 24.416
1.024
1/9/2017 2:30:00 PM 405000.000 26.989 15.431
60.795 40962.664 50123.133
32.891 34.084 24.412
1.024
1/9/2017 2:45:00 PM 405900.000 26.987 15.434
60.791 40961.824 50118.684
32.888 34.081 24.413
1.024
1/9/2017 3:00:00 PM 406800.000 26.982 15.430
60.780 40924.895 50078.566
32.859 34.053 24.435
1.024
1/9/2017 3:15:00 PM 407700.000 26.978 15.442
60.770 40929.125 50070.281
32.854 34.048 24.432
1.024
1/9/2017 3:30:00 PM 408600.000 26.973 15.440
60.758 40903.828 50041.313
32.832 34.028 24.448
1.024
1/9/2017 3:45:00 PM 409500.000 26.972 15.436

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|---|---|---|---|
| 60.756 | 40889.938 | 50028.969 | |
| 32.823 | 34.020 | 24.456 | |
| 1.024 | | | |
| 1/9/2017 4:00:00 PM | 410400.000 | 26.976 | 15.436 |
| 60.765 | 40900.867 | 50042.234 | |
| 32.833 | 34.029 | 24.449 | |
| 1.024 | | | |
| 1/9/2017 4:15:00 PM | 411300.000 | 26.983 | 15.438 |
| 60.783 | 40875.477 | 50009.188 | |
| 32.809 | 34.006 | 24.465 | |
| 1.024 | | | |
| 1/9/2017 4:30:00 PM | 412200.000 | 26.983 | 15.441 |
| 60.781 | 40849.809 | 49973.758 | |
| 32.783 | 33.982 | 24.480 | |
| 1.024 | | | |
| 1/9/2017 4:45:00 PM | 413100.000 | 26.983 | 15.441 |
| 60.783 | 40876.074 | 50005.488 | |
| 32.806 | 34.004 | 24.464 | |
| 1.024 | | | |
| 1/9/2017 5:00:00 PM | 414000.000 | 26.989 | 15.442 |
| 60.795 | 40911.035 | 50047.332 | |
| 32.837 | 34.032 | 24.443 | |
| 1.024 | | | |
| 1/9/2017 5:15:00 PM | 414900.000 | 26.998 | 15.442 |
| 60.815 | 40858.016 | 49982.988 | |
| 32.790 | 33.988 | 24.475 | |
| 1.024 | | | |
| 1/9/2017 5:30:00 PM | 415800.000 | 27.001 | 15.443 |
| 60.822 | 40857.930 | 49981.227 | |
| 32.788 | 33.987 | 24.475 | |
| 1.024 | | | |
| 1/9/2017 5:45:00 PM | 416700.000 | 27.005 | 15.442 |
| 60.832 | 40879.621 | 50009.203 | |
| 32.809 | 34.006 | 24.462 | |
| 1.024 | | | |
| 1/9/2017 6:00:00 PM | 417600.000 | 27.014 | 15.446 |
| 60.851 | 40905.848 | 50036.844 | |
| 32.829 | 34.025 | 24.446 | |
| 1.024 | | | |
| 1/9/2017 6:15:00 PM | 418500.000 | 27.021 | 15.445 |
| 60.868 | 40882.160 | 50008.684 | |
| 32.809 | 34.006 | 24.461 | |
| 1.024 | | | |
| 1/9/2017 6:30:00 PM | 419400.000 | 27.030 | 15.451 |
| 60.888 | 40904.789 | 50029.754 | |
| 32.825 | 34.020 | 24.447 | |
| 1.024 | | | |
| 1/9/2017 6:45:00 PM | 420300.000 | 27.033 | 15.446 |
| 60.893 | 40923.543 | 50058.590 | |
| 32.845 | 34.040 | 24.436 | |
| 1.024 | | | |
| 1/9/2017 7:00:00 PM | 421200.000 | 27.040 | 15.456 |
| 60.909 | 40896.141 | 50013.180 | |
| 32.813 | 34.009 | 24.452 | |
| 1.024 | | | |
| 1/9/2017 7:15:00 PM | 422100.000 | 27.045 | 15.453 |
| 60.922 | 40955.758 | 50089.922 | |

32.869 34.061 24.417
1.024
1/9/2017 7:30:00 PM 423000.000 27.047 15.464
60.926 40934.570 50050.465
32.841 34.034 24.429
1.024
1/9/2017 7:45:00 PM 423900.001 27.049 15.464
60.930 40955.426 50076.059
32.859 34.052 24.417
1.024
1/9/2017 8:00:00 PM 424800.000 27.057 15.465
60.949 40959.250 50079.691
32.862 34.054 24.415
1.024
1/9/2017 8:15:00 PM 425700.000 27.059 15.479
60.953 40967.844 50073.758
32.859 34.050 24.409
1.024
1/9/2017 8:30:00 PM 426600.000 27.063 15.471
60.963 40932.113 50039.281
32.833 34.027 24.431
1.024
1/9/2017 8:45:00 PM 427500.000 27.071 15.468
60.980 40942.109 50054.695
32.844 34.037 24.425
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1/9/2017 9:00:00 PM 428400.000 27.071 15.473
60.980 41007.219 50128.820
32.899 34.088 24.386
1.024
1/9/2017 9:15:00 PM 429300.000 27.068 15.473
60.973 40993.289 50112.203
32.887 34.076 24.394
1.024
1/9/2017 9:30:00 PM 430200.000 27.067 15.476
60.971 41001.008 50117.297
32.891 34.080 24.390
1.024
1/9/2017 9:45:00 PM 431100.000 27.072 15.473
60.981 40979.398 50095.125
32.874 34.065 24.403
1.024
1/9/2017 10:00:00 PM 432000.000 27.068
15.480 60.972 41014.836
50130.461 32.901 34.089
24.381 1.024
1/9/2017 10:15:00 PM 432900.000 27.063
15.504 60.962 41014.324
50101.379 32.881 34.069
24.382 1.024
1/9/2017 10:30:00 PM 433800.000 27.063
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50125.172 32.897 34.085
24.381 1.024
1/9/2017 10:45:00 PM 434700.000 27.057
15.494 60.949 41040.586
50145.152 32.912 34.099

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| 24.366 | | 1.024 | | |
| 1/9/2017 11:00:00 PM | 435600.000 | | 27.054 | |
| 15.489 | | 60.941 | 41034.066 | |
| 50143.000 | | 32.910 | | 34.097 |
| 24.370 | | 1.024 | | |
| 1/9/2017 11:15:00 PM | 436500.000 | | 27.045 | |
| 15.501 | | 60.921 | 41039.055 | |
| 50134.703 | | 32.905 | | 34.092 |
| 24.367 | | 1.024 | | |
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1/11/2017 11:15:00 AM 566100.000 14.329
15.266 32.277 38749.988
47600.191 31.040 32.368
25.806 1.023
1/11/2017 11:30:00 AM 567000.000 14.125
15.271 31.818 38631.039
47448.555 30.930 32.265
25.886 1.023
1/11/2017 11:45:00 AM 567900.000 14.040
15.247 31.627 38693.949
47552.309 31.004 32.336
25.844 1.023
1/11/2017 12:00:00 PM 568800.000 13.810
15.240 31.109 38636.645
47489.191 30.957 32.293
25.882 1.023
1/11/2017 12:15:00 PM 569700.000 13.685
15.236 30.827 38594.777
47442.473 30.923 32.261
25.910 1.023
1/11/2017 12:30:00 PM 570600.000 13.585
15.244 30.600 38585.512
47422.391 30.909 32.247
25.916 1.023
1/11/2017 12:45:00 PM 571500.000 13.429
15.250 30.251 38561.039
47385.117 30.883 32.222
25.933 1.023
1/11/2017 1:00:00 PM 572400.000 13.291
15.257 29.939 38557.363
47373.027 30.874 32.214
25.935 1.023
1/11/2017 1:15:00 PM 573300.000 13.152
15.276 29.626 38499.414
47280.605 30.809 32.151
25.974 1.023
1/11/2017 1:30:00 PM 574200.000 13.029
15.297 29.348 38495.207
47252.668 30.790 32.132
25.977 1.023
1/11/2017 1:45:00 PM 575100.000 12.848
15.304 28.942 38481.551
47227.473 30.772 32.115
25.986 1.023
1/11/2017 2:00:00 PM 576000.000 12.826
15.298 28.891 38488.809

| | | | | |
|---|---|---|---|---|
| 47243.039 | | 30.783 | | 32.125 |
| 25.982 | | 1.023 | | |
| 1/11/2017 2:15:00 PM | 576900.000 | | 12.653 | |
| 15.310 | | 28.501 | 38380.922 | |
| 47097.816 | | 30.678 | | 32.027 |
| 26.055 | | 1.023 | | |
| 1/11/2017 2:30:00 PM | 577800.000 | | 12.607 | |
| 15.308 | | 28.399 | 38457.523 | |
| 47193.766 | | 30.748 | | 32.092 |
| 26.003 | | 1.023 | | |
| 1/11/2017 2:45:00 PM | 578700.000 | | 12.469 | |
| 15.303 | | 28.088 | 38427.715 | |
| 47162.379 | | 30.725 | | 32.070 |
| 26.023 | | 1.023 | | |
| 1/11/2017 3:00:00 PM | 579600.000 | | 12.370 | |
| 15.293 | | 27.864 | 38462.891 | |
| 47217.508 | | 30.764 | | 32.108 |
| 25.999 | | 1.023 | | |
| 1/11/2017 3:15:00 PM | 580500.000 | | 12.303 | |
| 15.295 | | 27.714 | 38489.328 | |
| 47247.215 | | 30.786 | | 32.128 |
| 25.981 | | 1.023 | | |
| 1/11/2017 3:30:00 PM | 581400.000 | | 12.293 | |
| 15.305 | | 27.691 | 38449.805 | |
| 47187.332 | | 30.743 | | 32.087 |
| 26.008 | | 1.023 | | |
| 1/11/2017 3:45:00 PM | 582300.000 | | 12.225 | |
| 15.305 | | 27.537 | 38492.191 | |
| 47239.645 | | 30.781 | | 32.123 |
| 25.979 | | 1.023 | | |
| 1/11/2017 4:00:00 PM | 583200.000 | | 12.094 | |
| 15.307 | | 27.242 | 38460.160 | |
| 47198.090 | | 30.751 | | 32.095 |
| 26.001 | | 1.023 | | |
| 1/11/2017 4:15:00 PM | 584100.000 | | 12.070 | |
| 15.308 | | 27.188 | 38478.938 | |
| 47219.859 | | 30.767 | | 32.110 |
| 25.988 | | 1.023 | | |
| 1/11/2017 4:30:00 PM | 585000.000 | | 12.007 | |
| 15.308 | | 27.047 | 38479.637 | |
| 47221.500 | | 30.768 | | 32.111 |
| 25.988 | | 1.023 | | |
| 1/11/2017 4:45:00 PM | 585900.000 | | 11.919 | |
| 15.310 | | 26.848 | 38433.652 | |
| 47162.219 | | 30.725 | | 32.070 |
| 26.019 | | 1.023 | | |
| 1/11/2017 5:00:00 PM | 586800.000 | | 11.954 | |
| 15.313 | | 26.927 | 38413.094 | |
| 47133.387 | | 30.704 | | 32.051 |
| 26.033 | | 1.023 | | |
| 1/11/2017 5:15:00 PM | 587700.000 | | 11.961 | |
| 15.314 | | 26.944 | 38467.848 | |
| 47200.465 | | 30.753 | | 32.096 |
| 25.996 | | 1.023 | | |
| 1/11/2017 5:30:00 PM | 588600.000 | | 11.964 | |
| 15.316 | | 26.950 | 38425.684 | |
| 47146.285 | | 30.714 | | 32.059 |

26.024 1.023
1/11/2017 5:45:00 PM 589500.000 11.930
15.320 26.873 38409.953
47122.578 30.697 32.043
26.035 1.023
1/11/2017 6:00:00 PM 590400.000 11.905
15.326 26.816 38421.797
47130.551 30.703 32.049
26.027 1.023
1/11/2017 6:15:00 PM 591300.000 11.931
15.332 26.877 38436.133
47141.102 30.711 32.056
26.017 1.023
1/11/2017 6:30:00 PM 592200.000 11.948
15.331 26.913 38405.852
47104.848 30.685 32.031
26.038 1.023
1/11/2017 6:45:00 PM 593100.000 11.989
15.338 27.006 38359.512
47040.789 30.639 31.988
26.069 1.023
1/11/2017 7:00:00 PM 594000.000 12.071
15.338 27.191 38343.523
47020.602 30.624 31.974
26.080 1.023
1/11/2017 7:15:00 PM 594900.000 12.104
15.346 27.265 38299.352
46958.449 30.580 31.932
26.110 1.022
1/11/2017 7:30:00 PM 595800.000 12.105
15.353 27.267 38297.414
46948.195 30.573 31.925
26.111 1.022
1/11/2017 7:45:00 PM 596700.000 12.179
15.358 27.435 38283.000
46925.270 30.557 31.909
26.121 1.022
1/11/2017 8:00:00 PM 597600.000 12.278
15.363 27.656 38224.395
46847.410 30.501 31.856
26.161 1.022
1/11/2017 8:15:00 PM 598500.000 12.229
15.369 27.546 38225.379
46842.590 30.498 31.853
26.161 1.022
1/11/2017 8:30:00 PM 599400.000 12.345
15.369 27.808 38233.617
46852.406 30.505 31.860
26.155 1.022
1/11/2017 8:45:00 PM 600300.000 12.261
15.375 27.618 38196.215
46800.262 30.467 31.824
26.181 1.022
1/11/2017 9:00:00 PM 601200.000 12.415
15.372 27.966 38181.328
46784.734 30.456 31.814
26.191 1.022

1/11/2017 9:15:00 PM 602100.000 12.468
15.374 28.084 38180.762
46782.109 30.454 31.812
26.191 1.022
1/11/2017 9:30:00 PM 603000.000 12.480
15.375 28.112 38100.000
46682.371 30.382 31.744
26.247 1.022
1/11/2017 9:45:00 PM 603900.000 12.483
15.380 28.120 38134.672
46718.664 30.409 31.769
26.223 1.022
1/11/2017 10:00:00 PM 604800.000 12.469
15.379 28.088 38134.461
46719.371 30.409 31.769
26.223 1.022
1/11/2017 10:15:00 PM 605700.000 12.449
15.379 28.042 38118.629
46700.168 30.395 31.756
26.234 1.022
1/11/2017 10:30:00 PM 606600.000 12.422
15.378 27.981 38119.508
46702.012 30.397 31.757
26.233 1.022
1/11/2017 10:45:00 PM 607500.000 12.437
15.376 28.016 38094.613
46674.422 30.376 31.739
26.250 1.022
1/11/2017 11:00:00 PM 608400.000 12.355
15.381 27.830 38040.641
46602.793 30.325 31.690
26.288 1.022
1/11/2017 11:15:00 PM 609300.000 12.321
15.387 27.755 38050.156
46607.883 30.329 31.693
26.281 1.022
1/11/2017 11:30:00 PM 610200.000 12.317
15.389 27.746 37993.324
46535.953 30.277 31.644
26.320 1.022
1/11/2017 11:45:00 PM 611100.000 12.265
15.379 27.629 38026.289
46586.758 30.313 31.679
26.298 1.022

Report Date: 1/16/2017 8:30:56 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP Barotroll_2017-01-12_17-37-42-669.wsl
Create Date: 1/12/2017 5:37:30 PM

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

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Log Notes:

| Date and Time | Note |
|---|---|
| 4/28/2016 3:41:19 PM | Sensor SN: 399604 Factory calibration has expired.: 1/21/2016 11:40:19 AM |
| 4/28/2016 3:41:20 PM | Used Battery: 7% Used Memory: 12% User Name: KMakar |
| 5/5/2016 1:40:50 PM | 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 4:51:07 PM | 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 5:53:53 PM | 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 3:21:35 PM | 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 5:25:19 PM 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 2:11:26 PM 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 6:18:58 PM 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 6:28:59 PM 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 3:22:49 PM 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 1:27:28 PM 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 9:10:31 PM 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 10:07:59 AM 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 9:08:19 PM 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 7:48:19 PM 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 6:17:29 PM 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 6:17:33 PM 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 6:18:37 PM 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 9:35:38 PM 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 5:23:27 PM 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 7:54:43 PM 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 7:55:48 PM 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 9:07:41 PM 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 7:04:04 PM 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 11:33:24 AM 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 1:04:22 PM 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 8:09:47 PM 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 7:55:41 PM 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 7:57:35 PM 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 7:48:34 PM 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 6:20:12 PM 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 5:45:21 PM 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 9:44:25 AM 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 4:26:42 PM 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 4:54:34 PM 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 8:57:25 AM 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 5:43:54 PM 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 11:16:56 AM 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 4:34:19 PM 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 9:05:55 PM 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 6:42:27 PM 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 5:40:00 PM 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

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Log Data:
Record Count: 750
Sensors: 1
1 - 399604: Baro-Pressure/Temp
Time Zone: Pacific Standard Time

| | | Sensor: Baro Pres | Sensor: Baro Pres |
|---|---|---|---|
| | Elapsed Time | SN#: 399604 | SN#: 399604 |
| Date and Time | Seconds | Pressure (mmHg) | Temperature (C) |
| 1/5/2017 12:00:00 AM | 7200.000 | 760.385 | 12.690 |
| 1/5/2017 12:15:00 AM | 8100.000 | 760.705 | 12.631 |
| 1/5/2017 12:30:00 AM | 9000.000 | 760.886 | 12.601 |
| 1/5/2017 12:45:00 AM | 9900.000 | 761.110 | 12.558 |
| 1/5/2017 1:00:00 AM | 10800.000 | 761.058 | 12.504 |
| 1/5/2017 1:15:00 AM | 11700.000 | 760.939 | 12.461 |
| 1/5/2017 1:30:00 AM | 12600.000 | 761.074 | 12.410 |
| 1/5/2017 1:45:00 AM | 13500.000 | 761.262 | 12.365 |
| 1/5/2017 2:00:00 AM | 14400.000 | 761.383 | 12.317 |
| 1/5/2017 2:15:00 AM | 15300.000 | 761.139 | 12.340 |
| 1/5/2017 2:30:00 AM | 16200.000 | 761.149 | 12.305 |
| 1/5/2017 2:45:00 AM | 17100.000 | 761.314 | 12.305 |
| 1/5/2017 3:00:00 AM | 18000.000 | 761.461 | 12.259 |
| 1/5/2017 3:15:00 AM | 18900.000 | 761.121 | 12.216 |
| 1/5/2017 3:30:00 AM | 19800.000 | 761.281 | 12.201 |
| 1/5/2017 3:45:00 AM | 20700.000 | 761.370 | 12.140 |
| 1/5/2017 4:00:00 AM | 21600.000 | 761.219 | 12.089 |
| 1/5/2017 4:15:00 AM | 22500.000 | 761.095 | 12.049 |
| 1/5/2017 4:30:00 AM | 23400.000 | 761.484 | 12.017 |
| 1/5/2017 4:45:00 AM | 24300.000 | 761.350 | 11.973 |
| 1/5/2017 5:00:00 AM | 25200.000 | 760.586 | 11.902 |
| 1/5/2017 5:15:00 AM | 26100.000 | 761.342 | 11.854 |
| 1/5/2017 5:30:00 AM | 27000.000 | 761.136 | 11.782 |
| 1/5/2017 5:45:00 AM | 27900.000 | 761.348 | 11.771 |
| 1/5/2017 6:00:00 AM | 28800.000 | 761.254 | 11.722 |
| 1/5/2017 6:15:00 AM | 29700.000 | 761.682 | 11.659 |
| 1/5/2017 6:30:00 AM | 30600.000 | 761.393 | 11.628 |
| 1/5/2017 6:45:00 AM | 31500.000 | 761.915 | 11.605 |
| 1/5/2017 7:00:00 AM | 32400.000 | 762.087 | 11.554 |
| 1/5/2017 7:15:00 AM | 33300.000 | 762.016 | 11.525 |
| 1/5/2017 7:30:00 AM | 34200.000 | 761.780 | 11.519 |

| | | | |
|---|---|---|---|
| 1/5/2017 7:45:00 AM | 35100.000 | 761.795 | 11.483 |
| 1/5/2017 8:00:00 AM | 36000.000 | 762.115 | 11.463 |
| 1/5/2017 8:15:00 AM | 36900.000 | 762.237 | 11.399 |
| 1/5/2017 8:30:00 AM | 37800.000 | 762.552 | 11.301 |
| 1/5/2017 8:45:00 AM | 38700.000 | 762.780 | 11.331 |
| 1/5/2017 9:00:00 AM | 39600.000 | 762.662 | 11.447 |
| 1/5/2017 9:15:00 AM | 40500.000 | 763.290 | 11.561 |
| 1/5/2017 9:30:00 AM | 41400.000 | 762.791 | 11.707 |
| 1/5/2017 9:45:00 AM | 42300.000 | 763.196 | 11.846 |
| 1/5/2017 10:00:00 AM | 43200.000 | 763.140 | 11.986 |
| 1/5/2017 10:15:00 AM | 44100.000 | 763.156 | 12.093 |
| 1/5/2017 10:30:00 AM | 45000.000 | 763.227 | 12.228 |
| 1/5/2017 10:45:00 AM | 45900.000 | 763.232 | 12.364 |
| 1/5/2017 11:00:00 AM | 46800.000 | 762.595 | 12.480 |
| 1/5/2017 11:15:00 AM | 47700.000 | 762.846 | 12.574 |
| 1/5/2017 11:30:00 AM | 48600.000 | 763.153 | 12.679 |
| 1/5/2017 11:45:00 AM | 49500.000 | 762.776 | 12.747 |
| 1/5/2017 12:00:00 PM | 50400.000 | 762.550 | 12.885 |
| 1/5/2017 12:15:00 PM | 51300.000 | 762.738 | 12.943 |
| 1/5/2017 12:30:00 PM | 52200.000 | 762.681 | 13.011 |
| 1/5/2017 12:45:00 PM | 53100.000 | 762.375 | 12.990 |
| 1/5/2017 1:00:00 PM | 54000.000 | 762.356 | 13.006 |
| 1/5/2017 1:15:00 PM | 54900.000 | 762.050 | 13.055 |
| 1/5/2017 1:30:00 PM | 55800.000 | 762.094 | 13.162 |
| 1/5/2017 1:45:00 PM | 56700.000 | 762.258 | 13.295 |
| 1/5/2017 2:00:00 PM | 57600.000 | 762.476 | 13.429 |
| 1/5/2017 2:15:00 PM | 58500.000 | 762.336 | 13.531 |
| 1/5/2017 2:30:00 PM | 59400.000 | 762.251 | 13.592 |
| 1/5/2017 2:45:00 PM | 60300.000 | 762.158 | 13.678 |
| 1/5/2017 3:00:00 PM | 61200.000 | 762.325 | 13.742 |
| 1/5/2017 3:15:00 PM | 62100.000 | 762.287 | 13.823 |
| 1/5/2017 3:30:00 PM | 63000.000 | 762.218 | 13.835 |
| 1/5/2017 3:45:00 PM | 63900.000 | 762.269 | 13.808 |
| 1/5/2017 4:00:00 PM | 64800.000 | 762.343 | 13.699 |
| 1/5/2017 4:15:00 PM | 65700.000 | 762.544 | 13.577 |
| 1/5/2017 4:30:00 PM | 66600.000 | 762.521 | 13.460 |
| 1/5/2017 4:45:00 PM | 67500.000 | 762.730 | 13.286 |
| 1/5/2017 5:00:00 PM | 68400.000 | 762.757 | 13.068 |
| 1/5/2017 5:15:00 PM | 69300.000 | 762.823 | 12.857 |
| 1/5/2017 5:30:00 PM | 70200.000 | 762.950 | 12.655 |
| 1/5/2017 5:45:00 PM | 71100.000 | 762.867 | 12.495 |
| 1/5/2017 6:00:00 PM | 72000.000 | 762.555 | 12.267 |
| 1/5/2017 6:15:00 PM | 72900.000 | 763.052 | 12.073 |
| 1/5/2017 6:30:00 PM | 73800.000 | 762.711 | 11.869 |
| 1/5/2017 6:45:00 PM | 74700.000 | 763.339 | 11.684 |
| 1/5/2017 7:00:00 PM | 75600.000 | 763.239 | 11.610 |
| 1/5/2017 7:15:00 PM | 76500.000 | 763.180 | 11.408 |
| 1/5/2017 7:30:00 PM | 77400.000 | 763.329 | 11.250 |
| 1/5/2017 7:45:00 PM | 78300.000 | 763.121 | 11.074 |
| 1/5/2017 8:00:00 PM | 79200.000 | 763.185 | 10.968 |
| 1/5/2017 8:15:00 PM | 80100.000 | 763.463 | 10.850 |
| 1/5/2017 8:30:00 PM | 81000.000 | 763.257 | 10.704 |
| 1/5/2017 8:45:00 PM | 81900.000 | 763.470 | 10.551 |
| 1/5/2017 9:00:00 PM | 82800.000 | 763.761 | 10.426 |
| 1/5/2017 9:15:00 PM | 83700.000 | 763.691 | 10.344 |
| 1/5/2017 9:30:00 PM | 84600.000 | 763.661 | 10.258 |
| 1/5/2017 9:45:00 PM | 85500.000 | 764.263 | 10.136 |
| 1/5/2017 10:00:00 PM | 86400.000 | 763.959 | 10.037 |
| 1/5/2017 10:15:00 PM | 87300.000 | 764.073 | 9.946 |
| 1/5/2017 10:30:00 PM | 88200.000 | 763.702 | 9.852 |

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| 1/5/2017 10:45:00 PM | 89100.000 | 763.507 | 9.791 |
| 1/5/2017 11:00:00 PM | 90000.000 | 764.010 | 9.669 |
| 1/5/2017 11:15:00 PM | 90900.000 | 763.516 | 9.599 |
| 1/5/2017 11:30:00 PM | 91800.000 | 763.810 | 9.519 |
| 1/5/2017 11:45:00 PM | 92700.000 | 763.894 | 9.426 |
| 1/6/2017 12:00:00 AM | 93600.000 | 763.893 | 9.352 |
| 1/6/2017 12:15:00 AM | 94500.000 | 763.838 | 9.248 |
| 1/6/2017 12:30:00 AM | 95400.000 | 763.934 | 9.132 |
| 1/6/2017 12:45:00 AM | 96300.000 | 763.715 | 9.081 |
| 1/6/2017 1:00:00 AM | 97200.000 | 763.907 | 8.988 |
| 1/6/2017 1:15:00 AM | 98100.000 | 763.799 | 8.918 |
| 1/6/2017 1:30:00 AM | 99000.000 | 763.941 | 8.838 |
| 1/6/2017 1:45:00 AM | 99900.000 | 763.844 | 8.746 |
| 1/6/2017 2:00:00 AM | 100800.000 | 763.588 | 8.662 |
| 1/6/2017 2:15:00 AM | 101700.000 | 763.896 | 8.557 |
| 1/6/2017 2:30:00 AM | 102600.000 | 763.560 | 8.471 |
| 1/6/2017 2:45:00 AM | 103500.000 | 764.118 | 8.417 |
| 1/6/2017 3:00:00 AM | 104400.000 | 763.798 | 8.283 |
| 1/6/2017 3:15:00 AM | 105300.000 | 763.683 | 8.249 |
| 1/6/2017 3:30:00 AM | 106200.000 | 763.791 | 8.200 |
| 1/6/2017 3:45:00 AM | 107100.000 | 764.012 | 8.153 |
| 1/6/2017 4:00:00 AM | 108000.000 | 763.786 | 8.097 |
| 1/6/2017 4:15:00 AM | 108900.000 | 763.455 | 7.999 |
| 1/6/2017 4:30:00 AM | 109800.000 | 763.547 | 7.932 |
| 1/6/2017 4:45:00 AM | 110700.000 | 763.462 | 7.910 |
| 1/6/2017 5:00:00 AM | 111600.000 | 763.240 | 7.826 |
| 1/6/2017 5:15:00 AM | 112500.000 | 763.716 | 7.815 |
| 1/6/2017 5:30:00 AM | 113400.000 | 763.800 | 7.786 |
| 1/6/2017 5:45:00 AM | 114300.000 | 763.868 | 7.698 |
| 1/6/2017 6:00:00 AM | 115200.000 | 763.656 | 7.611 |
| 1/6/2017 6:15:00 AM | 116100.000 | 763.852 | 7.528 |
| 1/6/2017 6:30:00 AM | 117000.000 | 763.678 | 7.464 |
| 1/6/2017 6:45:00 AM | 117900.000 | 763.608 | 7.431 |
| 1/6/2017 7:00:00 AM | 118800.000 | 763.992 | 7.383 |
| 1/6/2017 7:15:00 AM | 119700.000 | 763.856 | 7.326 |
| 1/6/2017 7:30:00 AM | 120600.000 | 764.059 | 7.312 |
| 1/6/2017 7:45:00 AM | 121500.000 | 764.239 | 7.257 |
| 1/6/2017 8:00:00 AM | 122400.000 | 764.056 | 7.271 |
| 1/6/2017 8:15:00 AM | 123300.000 | 764.167 | 7.335 |
| 1/6/2017 8:30:00 AM | 124200.000 | 764.325 | 7.443 |
| 1/6/2017 8:45:00 AM | 125100.000 | 764.680 | 7.548 |
| 1/6/2017 9:00:00 AM | 126000.000 | 764.507 | 7.748 |
| 1/6/2017 9:15:00 AM | 126900.000 | 764.430 | 7.861 |
| 1/6/2017 9:30:00 AM | 127800.000 | 764.553 | 8.068 |
| 1/6/2017 9:45:00 AM | 128700.000 | 764.846 | 8.310 |
| 1/6/2017 10:00:00 AM | 129600.000 | 764.583 | 8.552 |
| 1/6/2017 10:15:00 AM | 130500.000 | 764.541 | 8.813 |
| 1/6/2017 10:30:00 AM | 131400.000 | 764.346 | 9.047 |
| 1/6/2017 10:45:00 AM | 132300.000 | 764.022 | 9.223 |
| 1/6/2017 11:00:00 AM | 133200.000 | 764.258 | 9.456 |
| 1/6/2017 11:15:00 AM | 134100.000 | 764.336 | 9.658 |
| 1/6/2017 11:30:00 AM | 135000.000 | 763.779 | 9.820 |
| 1/6/2017 11:45:00 AM | 135900.000 | 763.762 | 10.011 |
| 1/6/2017 12:00:00 PM | 136800.000 | 763.696 | 10.183 |
| 1/6/2017 12:15:00 PM | 137700.000 | 763.399 | 10.339 |
| 1/6/2017 12:30:00 PM | 138600.000 | 763.395 | 10.498 |
| 1/6/2017 12:45:00 PM | 139500.000 | 763.486 | 10.636 |
| 1/6/2017 1:00:00 PM | 140400.000 | 763.082 | 10.789 |
| 1/6/2017 1:15:00 PM | 141300.000 | 763.141 | 10.935 |
| 1/6/2017 1:30:00 PM | 142200.000 | 762.808 | 11.043 |

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| 1/6/2017 1:45:00 PM | 143100.000 | 762.878 | 11.166 |
| 1/6/2017 2:00:00 PM | 144000.000 | 762.501 | 11.262 |
| 1/6/2017 2:15:00 PM | 144900.000 | 762.139 | 11.341 |
| 1/6/2017 2:30:00 PM | 145800.000 | 761.845 | 11.433 |
| 1/6/2017 2:45:00 PM | 146700.000 | 762.212 | 11.433 |
| 1/6/2017 3:00:00 PM | 147600.000 | 762.058 | 11.483 |
| 1/6/2017 3:15:00 PM | 148500.000 | 762.204 | 11.536 |
| 1/6/2017 3:30:00 PM | 149400.000 | 762.481 | 11.578 |
| 1/6/2017 3:45:00 PM | 150300.000 | 762.674 | 11.623 |
| 1/6/2017 4:00:00 PM | 151200.000 | 762.535 | 11.649 |
| 1/6/2017 4:15:00 PM | 152100.000 | 762.338 | 11.657 |
| 1/6/2017 4:30:00 PM | 153000.000 | 762.504 | 11.651 |
| 1/6/2017 4:45:00 PM | 153900.000 | 762.673 | 11.653 |
| 1/6/2017 5:00:00 PM | 154800.000 | 762.741 | 11.636 |
| 1/6/2017 5:15:00 PM | 155700.000 | 762.161 | 11.562 |
| 1/6/2017 5:30:00 PM | 156600.000 | 762.729 | 11.526 |
| 1/6/2017 5:45:00 PM | 157500.000 | 762.498 | 11.439 |
| 1/6/2017 6:00:00 PM | 158400.000 | 762.400 | 11.359 |
| 1/6/2017 6:15:00 PM | 159300.000 | 762.629 | 11.238 |
| 1/6/2017 6:30:00 PM | 160200.000 | 762.700 | 11.148 |
| 1/6/2017 6:45:00 PM | 161100.000 | 762.828 | 11.069 |
| 1/6/2017 7:00:00 PM | 162000.000 | 762.734 | 10.977 |
| 1/6/2017 7:15:00 PM | 162900.000 | 763.053 | 10.870 |
| 1/6/2017 7:30:00 PM | 163800.000 | 763.041 | 10.811 |
| 1/6/2017 7:45:00 PM | 164700.000 | 762.936 | 10.761 |
| 1/6/2017 8:00:00 PM | 165600.000 | 763.094 | 10.703 |
| 1/6/2017 8:15:00 PM | 166500.000 | 762.766 | 10.667 |
| 1/6/2017 8:30:00 PM | 167400.000 | 762.995 | 10.638 |
| 1/6/2017 8:45:00 PM | 168300.000 | 762.768 | 10.553 |
| 1/6/2017 9:00:00 PM | 169200.000 | 762.499 | 10.539 |
| 1/6/2017 9:15:00 PM | 170100.000 | 762.678 | 10.481 |
| 1/6/2017 9:30:00 PM | 171000.000 | 762.452 | 10.466 |
| 1/6/2017 9:45:00 PM | 171900.000 | 762.610 | 10.477 |
| 1/6/2017 10:00:00 PM | 172800.000 | 762.508 | 10.459 |
| 1/6/2017 10:15:00 PM | 173700.000 | 762.645 | 10.406 |
| 1/6/2017 10:30:00 PM | 174600.000 | 763.041 | 10.434 |
| 1/6/2017 10:45:00 PM | 175500.000 | 763.109 | 10.403 |
| 1/6/2017 11:00:00 PM | 176400.000 | 763.477 | 10.375 |
| 1/6/2017 11:15:00 PM | 177300.000 | 763.273 | 10.379 |
| 1/6/2017 11:30:00 PM | 178200.000 | 763.039 | 10.364 |
| 1/6/2017 11:45:00 PM | 179100.000 | 762.788 | 10.345 |
| 1/7/2017 12:00:00 AM | 180000.000 | 762.925 | 10.320 |
| 1/7/2017 12:15:00 AM | 180900.000 | 762.238 | 10.338 |
| 1/7/2017 12:30:00 AM | 181800.000 | 762.076 | 10.342 |
| 1/7/2017 12:45:00 AM | 182700.000 | 761.857 | 10.300 |
| 1/7/2017 1:00:00 AM | 183600.000 | 761.486 | 10.293 |
| 1/7/2017 1:15:00 AM | 184500.000 | 761.143 | 10.314 |
| 1/7/2017 1:30:00 AM | 185400.000 | 761.034 | 10.309 |
| 1/7/2017 1:45:00 AM | 186300.000 | 761.107 | 10.402 |
| 1/7/2017 2:00:00 AM | 187200.000 | 760.988 | 10.408 |
| 1/7/2017 2:15:00 AM | 188100.000 | 760.989 | 10.500 |
| 1/7/2017 2:30:00 AM | 189000.000 | 760.917 | 10.511 |
| 1/7/2017 2:45:00 AM | 189900.000 | 760.907 | 10.553 |
| 1/7/2017 3:00:00 AM | 190800.000 | 760.656 | 10.523 |
| 1/7/2017 3:15:00 AM | 191700.000 | 760.620 | 10.526 |
| 1/7/2017 3:30:00 AM | 192600.000 | 760.214 | 10.530 |
| 1/7/2017 3:45:00 AM | 193500.000 | 760.152 | 10.561 |
| 1/7/2017 4:00:00 AM | 194400.000 | 760.069 | 10.509 |
| 1/7/2017 4:15:00 AM | 195300.000 | 760.044 | 10.527 |
| 1/7/2017 4:30:00 AM | 196200.000 | 759.908 | 10.517 |

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|---|---|---|---|
| 1/7/2017 4:45:00 AM | 197100.000 | 759.786 | 10.489 |
| 1/7/2017 5:00:00 AM | 198000.000 | 759.811 | 10.483 |
| 1/7/2017 5:15:00 AM | 198900.000 | 759.663 | 10.483 |
| 1/7/2017 5:30:00 AM | 199800.000 | 760.059 | 10.467 |
| 1/7/2017 5:45:00 AM | 200700.000 | 760.127 | 10.501 |
| 1/7/2017 6:00:00 AM | 201600.000 | 760.202 | 10.484 |
| 1/7/2017 6:15:00 AM | 202500.000 | 760.099 | 10.463 |
| 1/7/2017 6:30:00 AM | 203400.000 | 759.969 | 10.444 |
| 1/7/2017 6:45:00 AM | 204300.000 | 759.929 | 10.479 |
| 1/7/2017 7:00:00 AM | 205200.000 | 760.077 | 10.451 |
| 1/7/2017 7:15:00 AM | 206100.000 | 760.160 | 10.461 |
| 1/7/2017 7:30:00 AM | 207000.000 | 760.320 | 10.505 |
| 1/7/2017 7:45:00 AM | 207900.000 | 760.263 | 10.559 |
| 1/7/2017 8:00:00 AM | 208800.000 | 760.229 | 10.578 |
| 1/7/2017 8:15:00 AM | 209700.000 | 760.926 | 10.611 |
| 1/7/2017 8:30:00 AM | 210600.000 | 760.843 | 10.668 |
| 1/7/2017 8:45:00 AM | 211500.000 | 761.016 | 10.722 |
| 1/7/2017 9:00:00 AM | 212400.000 | 761.211 | 10.753 |
| 1/7/2017 9:15:00 AM | 213300.000 | 761.153 | 10.843 |
| 1/7/2017 9:30:00 AM | 214200.000 | 761.647 | 10.867 |
| 1/7/2017 9:45:00 AM | 215100.000 | 761.540 | 10.937 |
| 1/7/2017 10:00:00 AM | 216000.000 | 761.840 | 11.012 |
| 1/7/2017 10:15:00 AM | 216900.000 | 762.389 | 11.038 |
| 1/7/2017 10:30:00 AM | 217800.000 | 762.185 | 11.097 |
| 1/7/2017 10:45:00 AM | 218700.000 | 761.859 | 11.164 |
| 1/7/2017 11:00:00 AM | 219600.000 | 762.119 | 11.204 |
| 1/7/2017 11:15:00 AM | 220500.000 | 761.745 | 11.283 |
| 1/7/2017 11:30:00 AM | 221400.000 | 761.857 | 11.298 |
| 1/7/2017 11:45:00 AM | 222300.000 | 761.601 | 11.366 |
| 1/7/2017 12:00:00 PM | 223200.000 | 761.314 | 11.408 |
| 1/7/2017 12:15:00 PM | 224100.000 | 761.225 | 11.465 |
| 1/7/2017 12:30:00 PM | 225000.000 | 761.391 | 11.529 |
| 1/7/2017 12:45:00 PM | 225900.000 | 761.013 | 11.554 |
| 1/7/2017 1:00:00 PM | 226800.000 | 761.222 | 11.645 |
| 1/7/2017 1:15:00 PM | 227700.000 | 761.075 | 11.704 |
| 1/7/2017 1:30:00 PM | 228600.000 | 761.076 | 11.746 |
| 1/7/2017 1:45:00 PM | 229500.000 | 760.950 | 11.788 |
| 1/7/2017 2:00:00 PM | 230400.000 | 761.379 | 11.832 |
| 1/7/2017 2:15:00 PM | 231300.000 | 761.304 | 11.897 |
| 1/7/2017 2:30:00 PM | 232200.000 | 760.984 | 11.942 |
| 1/7/2017 2:45:00 PM | 233100.000 | 761.460 | 11.994 |
| 1/7/2017 3:00:00 PM | 234000.000 | 761.115 | 12.000 |
| 1/7/2017 3:15:00 PM | 234900.000 | 761.864 | 12.047 |
| 1/7/2017 3:30:00 PM | 235800.000 | 761.656 | 12.058 |
| 1/7/2017 3:45:00 PM | 236700.000 | 761.796 | 12.098 |
| 1/7/2017 4:00:00 PM | 237600.000 | 761.999 | 12.115 |
| 1/7/2017 4:15:00 PM | 238500.000 | 762.070 | 12.140 |
| 1/7/2017 4:30:00 PM | 239400.000 | 762.190 | 12.168 |
| 1/7/2017 4:45:00 PM | 240300.000 | 762.189 | 12.152 |
| 1/7/2017 5:00:00 PM | 241200.000 | 761.808 | 12.159 |
| 1/7/2017 5:15:00 PM | 242100.000 | 762.197 | 12.178 |
| 1/7/2017 5:30:00 PM | 243000.000 | 762.159 | 12.192 |
| 1/7/2017 5:45:00 PM | 243900.000 | 761.964 | 12.161 |
| 1/7/2017 6:00:00 PM | 244800.000 | 761.950 | 12.195 |
| 1/7/2017 6:15:00 PM | 245700.000 | 761.661 | 12.208 |
| 1/7/2017 6:30:00 PM | 246600.000 | 762.036 | 12.223 |
| 1/7/2017 6:45:00 PM | 247500.000 | 762.421 | 12.216 |
| 1/7/2017 7:00:00 PM | 248400.000 | 762.433 | 12.211 |
| 1/7/2017 7:15:00 PM | 249300.000 | 762.332 | 12.263 |
| 1/7/2017 7:30:00 PM | 250200.000 | 762.809 | 12.269 |

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| 1/7/2017 7:45:00 PM | 251100.000 | 762.948 | 12.267 |
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| 1/7/2017 8:15:00 PM | 252900.000 | 763.115 | 12.291 |
| 1/7/2017 8:30:00 PM | 253800.000 | 763.101 | 12.262 |
| 1/7/2017 8:45:00 PM | 254700.000 | 763.450 | 12.269 |
| 1/7/2017 9:00:00 PM | 255600.000 | 763.440 | 12.268 |
| 1/7/2017 9:15:00 PM | 256500.000 | 763.498 | 12.326 |
| 1/7/2017 9:30:00 PM | 257400.000 | 763.315 | 12.318 |
| 1/7/2017 9:45:00 PM | 258300.000 | 762.990 | 12.304 |
| 1/7/2017 10:00:00 PM | 259200.000 | 763.473 | 12.345 |
| 1/7/2017 10:15:00 PM | 260100.000 | 762.698 | 12.348 |
| 1/7/2017 10:30:00 PM | 261000.000 | 763.469 | 12.351 |
| 1/7/2017 10:45:00 PM | 261900.000 | 763.272 | 12.369 |
| 1/7/2017 11:00:00 PM | 262800.000 | 763.041 | 12.362 |
| 1/7/2017 11:15:00 PM | 263700.000 | 762.951 | 12.373 |
| 1/7/2017 11:30:00 PM | 264600.000 | 762.187 | 12.391 |
| 1/7/2017 11:45:00 PM | 265500.000 | 762.595 | 12.380 |
| 1/8/2017 12:00:00 AM | 266400.000 | 762.645 | 12.418 |
| 1/8/2017 12:15:00 AM | 267300.000 | 762.966 | 12.400 |
| 1/8/2017 12:30:00 AM | 268200.000 | 763.125 | 12.411 |
| 1/8/2017 12:45:00 AM | 269100.000 | 762.481 | 12.447 |
| 1/8/2017 1:00:00 AM | 270000.000 | 762.811 | 12.447 |
| 1/8/2017 1:15:00 AM | 270900.000 | 762.841 | 12.460 |
| 1/8/2017 1:30:00 AM | 271800.000 | 761.997 | 12.476 |
| 1/8/2017 1:45:00 AM | 272700.000 | 762.413 | 12.491 |
| 1/8/2017 2:00:00 AM | 273600.000 | 761.889 | 12.473 |
| 1/8/2017 2:15:00 AM | 274500.000 | 761.911 | 12.527 |
| 1/8/2017 2:30:00 AM | 275400.000 | 761.861 | 12.523 |
| 1/8/2017 2:45:00 AM | 276300.000 | 761.132 | 12.532 |
| 1/8/2017 3:00:00 AM | 277200.000 | 761.378 | 12.533 |
| 1/8/2017 3:15:00 AM | 278100.000 | 760.872 | 12.567 |
| 1/8/2017 3:30:00 AM | 279000.000 | 761.259 | 12.520 |
| 1/8/2017 3:45:00 AM | 279900.000 | 760.663 | 12.566 |
| 1/8/2017 4:00:00 AM | 280800.000 | 760.400 | 12.564 |
| 1/8/2017 4:15:00 AM | 281700.000 | 759.502 | 12.575 |
| 1/8/2017 4:30:00 AM | 282600.000 | 760.563 | 12.576 |
| 1/8/2017 4:45:00 AM | 283500.000 | 760.418 | 12.541 |
| 1/8/2017 5:00:00 AM | 284400.000 | 760.955 | 12.529 |
| 1/8/2017 5:15:00 AM | 285300.000 | 759.849 | 12.562 |
| 1/8/2017 5:30:00 AM | 286200.000 | 760.274 | 12.552 |
| 1/8/2017 5:45:00 AM | 287100.000 | 760.015 | 12.565 |
| 1/8/2017 6:00:00 AM | 288000.000 | 760.299 | 12.551 |
| 1/8/2017 6:15:00 AM | 288900.000 | 760.166 | 12.534 |
| 1/8/2017 6:30:00 AM | 289800.000 | 760.556 | 12.542 |
| 1/8/2017 6:45:00 AM | 290700.000 | 760.606 | 12.563 |
| 1/8/2017 7:00:00 AM | 291600.000 | 760.458 | 12.563 |
| 1/8/2017 7:15:00 AM | 292500.000 | 760.476 | 12.602 |
| 1/8/2017 7:30:00 AM | 293400.000 | 760.224 | 12.607 |
| 1/8/2017 7:45:00 AM | 294300.000 | 760.325 | 12.605 |
| 1/8/2017 8:00:00 AM | 295200.000 | 760.214 | 12.611 |
| 1/8/2017 8:15:00 AM | 296100.000 | 760.419 | 12.637 |
| 1/8/2017 8:30:00 AM | 297000.000 | 760.653 | 12.643 |
| 1/8/2017 8:45:00 AM | 297900.000 | 760.795 | 12.630 |
| 1/8/2017 9:00:00 AM | 298800.000 | 760.900 | 12.653 |
| 1/8/2017 9:15:00 AM | 299700.000 | 761.170 | 12.679 |
| 1/8/2017 9:30:00 AM | 300600.000 | 761.073 | 12.714 |
| 1/8/2017 9:45:00 AM | 301500.000 | 761.606 | 12.760 |
| 1/8/2017 10:00:00 AM | 302400.000 | 761.471 | 12.798 |
| 1/8/2017 10:15:00 AM | 303300.000 | 761.399 | 12.865 |
| 1/8/2017 10:30:00 AM | 304200.000 | 761.366 | 12.935 |

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| 1/8/2017 10:45:00 AM | 305100.000 | 761.238 | 13.000 |
| 1/8/2017 11:00:00 AM | 306000.000 | 761.433 | 13.045 |
| 1/8/2017 11:15:00 AM | 306900.000 | 761.715 | 13.124 |
| 1/8/2017 11:30:00 AM | 307800.000 | 760.969 | 13.196 |
| 1/8/2017 11:45:00 AM | 308700.000 | 760.208 | 13.214 |
| 1/8/2017 12:00:00 PM | 309600.000 | 760.659 | 13.242 |
| 1/8/2017 12:15:00 PM | 310500.000 | 760.732 | 13.287 |
| 1/8/2017 12:30:00 PM | 311400.000 | 760.281 | 13.316 |
| 1/8/2017 12:45:00 PM | 312300.000 | 760.042 | 13.351 |
| 1/8/2017 1:00:00 PM | 313200.000 | 760.252 | 13.352 |
| 1/8/2017 1:15:00 PM | 314100.000 | 759.714 | 13.350 |
| 1/8/2017 1:30:00 PM | 315000.000 | 759.591 | 13.345 |
| 1/8/2017 1:45:00 PM | 315900.000 | 759.581 | 13.347 |
| 1/8/2017 2:00:00 PM | 316800.000 | 759.317 | 13.365 |
| 1/8/2017 2:15:00 PM | 317700.000 | 758.974 | 13.354 |
| 1/8/2017 2:30:00 PM | 318600.000 | 759.458 | 13.355 |
| 1/8/2017 2:45:00 PM | 319500.000 | 759.885 | 13.366 |
| 1/8/2017 3:00:00 PM | 320400.000 | 759.401 | 13.366 |
| 1/8/2017 3:15:00 PM | 321300.000 | 759.506 | 13.363 |
| 1/8/2017 3:30:00 PM | 322200.000 | 759.353 | 13.325 |
| 1/8/2017 3:45:00 PM | 323100.000 | 759.639 | 13.363 |
| 1/8/2017 4:00:00 PM | 324000.000 | 759.730 | 13.357 |
| 1/8/2017 4:15:00 PM | 324900.000 | 759.928 | 13.392 |
| 1/8/2017 4:30:00 PM | 325800.000 | 759.491 | 13.402 |
| 1/8/2017 4:45:00 PM | 326700.000 | 759.390 | 13.405 |
| 1/8/2017 5:00:00 PM | 327600.000 | 759.553 | 13.370 |
| 1/8/2017 5:15:00 PM | 328500.000 | 759.639 | 13.371 |
| 1/8/2017 5:30:00 PM | 329400.000 | 759.860 | 13.330 |
| 1/8/2017 5:45:00 PM | 330300.000 | 759.484 | 13.345 |
| 1/8/2017 6:00:00 PM | 331200.000 | 759.629 | 13.341 |
| 1/8/2017 6:15:00 PM | 332100.000 | 759.548 | 13.320 |
| 1/8/2017 6:30:00 PM | 333000.000 | 760.001 | 13.291 |
| 1/8/2017 6:45:00 PM | 333900.000 | 760.365 | 13.270 |
| 1/8/2017 7:00:00 PM | 334800.000 | 760.439 | 13.262 |
| 1/8/2017 7:15:00 PM | 335700.000 | 760.307 | 13.268 |
| 1/8/2017 7:30:00 PM | 336600.000 | 760.405 | 13.200 |
| 1/8/2017 7:45:00 PM | 337500.000 | 760.773 | 13.232 |
| 1/8/2017 8:00:00 PM | 338400.000 | 760.288 | 13.208 |
| 1/8/2017 8:15:00 PM | 339300.000 | 760.444 | 13.223 |
| 1/8/2017 8:30:00 PM | 340200.000 | 760.376 | 13.217 |
| 1/8/2017 8:45:00 PM | 341100.000 | 760.513 | 13.194 |
| 1/8/2017 9:00:00 PM | 342000.000 | 760.701 | 13.224 |
| 1/8/2017 9:15:00 PM | 342900.000 | 760.968 | 13.204 |
| 1/8/2017 9:30:00 PM | 343800.000 | 760.957 | 13.265 |
| 1/8/2017 9:45:00 PM | 344700.000 | 761.121 | 13.279 |
| 1/8/2017 10:00:00 PM | 345600.000 | 761.102 | 13.269 |
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| 1/8/2017 10:30:00 PM | 347400.000 | 761.363 | 13.287 |
| 1/8/2017 10:45:00 PM | 348300.000 | 761.013 | 13.290 |
| 1/8/2017 11:00:00 PM | 349200.000 | 761.194 | 13.298 |
| 1/8/2017 11:15:00 PM | 350100.000 | 761.179 | 13.323 |
| 1/8/2017 11:30:00 PM | 351000.000 | 761.490 | 13.337 |
| 1/8/2017 11:45:00 PM | 351900.000 | 761.637 | 13.353 |
| 1/9/2017 12:00:00 AM | 352800.000 | 761.941 | 13.340 |
| 1/9/2017 12:15:00 AM | 353700.000 | 761.649 | 13.341 |
| 1/9/2017 12:30:00 AM | 354600.000 | 761.623 | 13.370 |
| 1/9/2017 12:45:00 AM | 355500.000 | 761.230 | 13.323 |
| 1/9/2017 1:00:00 AM | 356400.000 | 761.306 | 13.341 |
| 1/9/2017 1:15:00 AM | 357300.000 | 761.277 | 13.308 |
| 1/9/2017 1:30:00 AM | 358200.000 | 761.366 | 13.313 |

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| 1/9/2017 1:45:00 AM | 359100.000 | 760.706 | 13.289 |
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| 1/9/2017 2:30:00 AM | 361800.000 | 762.072 | 13.313 |
| 1/9/2017 2:45:00 AM | 362700.000 | 762.264 | 13.333 |
| 1/9/2017 3:00:00 AM | 363600.000 | 762.202 | 13.317 |
| 1/9/2017 3:15:00 AM | 364500.000 | 762.592 | 13.322 |
| 1/9/2017 3:30:00 AM | 365400.000 | 762.158 | 13.325 |
| 1/9/2017 3:45:00 AM | 366300.000 | 762.209 | 13.294 |
| 1/9/2017 4:00:00 AM | 367200.000 | 762.123 | 13.295 |
| 1/9/2017 4:15:00 AM | 368100.000 | 762.162 | 13.270 |
| 1/9/2017 4:30:00 AM | 369000.000 | 762.693 | 13.297 |
| 1/9/2017 4:45:00 AM | 369900.000 | 762.865 | 13.251 |
| 1/9/2017 5:00:00 AM | 370800.000 | 762.317 | 13.227 |
| 1/9/2017 5:15:00 AM | 371700.000 | 762.179 | 13.169 |
| 1/9/2017 5:30:00 AM | 372600.000 | 762.785 | 13.103 |
| 1/9/2017 5:45:00 AM | 373500.000 | 762.589 | 13.046 |
| 1/9/2017 6:00:00 AM | 374400.000 | 762.310 | 12.985 |
| 1/9/2017 6:15:00 AM | 375300.000 | 762.811 | 12.881 |
| 1/9/2017 6:30:00 AM | 376200.000 | 763.007 | 12.830 |
| 1/9/2017 6:45:00 AM | 377100.000 | 762.746 | 12.760 |
| 1/9/2017 7:00:00 AM | 378000.000 | 762.987 | 12.673 |
| 1/9/2017 7:15:00 AM | 378900.000 | 763.363 | 12.614 |
| 1/9/2017 7:30:00 AM | 379800.000 | 763.303 | 12.561 |
| 1/9/2017 7:45:00 AM | 380700.000 | 763.607 | 12.530 |
| 1/9/2017 8:00:00 AM | 381600.000 | 763.606 | 12.507 |
| 1/9/2017 8:15:00 AM | 382500.000 | 763.555 | 12.487 |
| 1/9/2017 8:30:00 AM | 383400.000 | 763.797 | 12.496 |
| 1/9/2017 8:45:00 AM | 384300.000 | 764.109 | 12.518 |
| 1/9/2017 9:00:00 AM | 385200.000 | 763.855 | 12.558 |
| 1/9/2017 9:15:00 AM | 386100.000 | 764.282 | 12.593 |
| 1/9/2017 9:30:00 AM | 387000.000 | 764.676 | 12.643 |
| 1/9/2017 9:45:00 AM | 387900.000 | 764.691 | 12.665 |
| 1/9/2017 10:00:00 AM | 388800.000 | 764.865 | 12.759 |
| 1/9/2017 10:15:00 AM | 389700.000 | 765.155 | 12.814 |
| 1/9/2017 10:30:00 AM | 390600.000 | 765.168 | 12.908 |
| 1/9/2017 10:45:00 AM | 391500.000 | 765.515 | 12.976 |
| 1/9/2017 11:00:00 AM | 392400.000 | 765.350 | 13.100 |
| 1/9/2017 11:15:00 AM | 393300.000 | 765.576 | 13.208 |
| 1/9/2017 11:30:00 AM | 394200.000 | 765.079 | 13.281 |
| 1/9/2017 11:45:00 AM | 395100.000 | 764.553 | 13.410 |
| 1/9/2017 12:00:00 PM | 396000.000 | 764.407 | 13.507 |
| 1/9/2017 12:15:00 PM | 396900.000 | 763.967 | 13.606 |
| 1/9/2017 12:30:00 PM | 397800.000 | 764.207 | 13.719 |
| 1/9/2017 12:45:00 PM | 398700.000 | 764.443 | 13.800 |
| 1/9/2017 1:00:00 PM | 399600.000 | 763.949 | 13.819 |
| 1/9/2017 1:15:00 PM | 400500.000 | 763.731 | 13.893 |
| 1/9/2017 1:30:00 PM | 401400.000 | 763.727 | 13.938 |
| 1/9/2017 1:45:00 PM | 402300.000 | 763.994 | 13.984 |
| 1/9/2017 2:00:00 PM | 403200.000 | 764.596 | 13.967 |
| 1/9/2017 2:15:00 PM | 404100.000 | 764.354 | 13.949 |
| 1/9/2017 2:30:00 PM | 405000.000 | 764.354 | 13.909 |
| 1/9/2017 2:45:00 PM | 405900.000 | 764.303 | 13.923 |
| 1/9/2017 3:00:00 PM | 406800.000 | 764.300 | 13.859 |
| 1/9/2017 3:15:00 PM | 407700.000 | 764.126 | 13.794 |
| 1/9/2017 3:30:00 PM | 408600.000 | 764.295 | 13.761 |
| 1/9/2017 3:45:00 PM | 409500.000 | 764.152 | 13.722 |
| 1/9/2017 4:00:00 PM | 410400.000 | 764.240 | 13.744 |
| 1/9/2017 4:15:00 PM | 411300.000 | 764.431 | 13.680 |
| 1/9/2017 4:30:00 PM | 412200.000 | 764.088 | 13.644 |

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| 1/9/2017 5:30:00 PM | 415800.000 | 763.821 | 13.508 |
| 1/9/2017 5:45:00 PM | 416700.000 | 763.596 | 13.446 |
| 1/9/2017 6:00:00 PM | 417600.000 | 763.788 | 13.425 |
| 1/9/2017 6:15:00 PM | 418500.000 | 763.964 | 13.374 |
| 1/9/2017 6:30:00 PM | 419400.000 | 764.192 | 13.362 |
| 1/9/2017 6:45:00 PM | 420300.000 | 764.180 | 13.336 |
| 1/9/2017 7:00:00 PM | 421200.000 | 764.042 | 13.266 |
| 1/9/2017 7:15:00 PM | 422100.000 | 764.298 | 13.252 |
| 1/9/2017 7:30:00 PM | 423000.000 | 764.250 | 13.211 |
| 1/9/2017 7:45:00 PM | 423900.000 | 764.102 | 13.188 |
| 1/9/2017 8:00:00 PM | 424800.000 | 764.213 | 13.181 |
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| 1/9/2017 8:30:00 PM | 426600.000 | 764.466 | 13.143 |
| 1/9/2017 8:45:00 PM | 427500.000 | 764.050 | 13.125 |
| 1/9/2017 9:00:00 PM | 428400.000 | 764.513 | 13.102 |
| 1/9/2017 9:15:00 PM | 429300.000 | 764.361 | 13.094 |
| 1/9/2017 9:30:00 PM | 430200.000 | 763.904 | 13.053 |
| 1/9/2017 9:45:00 PM | 431100.000 | 764.113 | 13.031 |
| 1/9/2017 10:00:00 PM | 432000.000 | 764.077 | 13.053 |
| 1/9/2017 10:15:00 PM | 432900.000 | 764.283 | 12.990 |
| 1/9/2017 10:30:00 PM | 433800.000 | 764.596 | 12.970 |
| 1/9/2017 10:45:00 PM | 434700.000 | 764.364 | 12.959 |
| 1/9/2017 11:00:00 PM | 435600.000 | 764.116 | 12.914 |
| 1/9/2017 11:15:00 PM | 436500.000 | 764.512 | 12.912 |
| 1/9/2017 11:30:00 PM | 437400.000 | 763.945 | 12.905 |
| 1/9/2017 11:45:00 PM | 438300.000 | 763.790 | 12.897 |
| 1/10/2017 12:00:00 AM | 439200.000 | 763.952 | 12.900 |
| 1/10/2017 12:15:00 AM | 440100.000 | 764.183 | 12.885 |
| 1/10/2017 12:30:00 AM | 441000.000 | 764.122 | 12.914 |
| 1/10/2017 12:45:00 AM | 441900.000 | 763.779 | 12.907 |
| 1/10/2017 1:00:00 AM | 442800.000 | 763.637 | 12.886 |
| 1/10/2017 1:15:00 AM | 443700.000 | 763.817 | 12.835 |
| 1/10/2017 1:30:00 AM | 444600.000 | 763.675 | 12.826 |
| 1/10/2017 1:45:00 AM | 445500.000 | 763.953 | 12.808 |
| 1/10/2017 2:00:00 AM | 446400.000 | 763.906 | 12.709 |
| 1/10/2017 2:15:00 AM | 447300.000 | 763.602 | 12.730 |
| 1/10/2017 2:30:00 AM | 448200.000 | 763.801 | 12.695 |
| 1/10/2017 2:45:00 AM | 449100.000 | 763.839 | 12.703 |
| 1/10/2017 3:00:00 AM | 450000.000 | 763.397 | 12.659 |
| 1/10/2017 3:15:00 AM | 450900.000 | 763.240 | 12.673 |
| 1/10/2017 3:30:00 AM | 451800.000 | 762.997 | 12.627 |
| 1/10/2017 3:45:00 AM | 452700.000 | 763.182 | 12.643 |
| 1/10/2017 4:00:00 AM | 453600.000 | 763.378 | 12.623 |
| 1/10/2017 4:15:00 AM | 454500.000 | 762.925 | 12.601 |
| 1/10/2017 4:30:00 AM | 455400.000 | 762.738 | 12.600 |
| 1/10/2017 4:45:00 AM | 456300.000 | 762.468 | 12.575 |
| 1/10/2017 5:00:00 AM | 457200.000 | 762.488 | 12.603 |
| 1/10/2017 5:15:00 AM | 458100.000 | 761.933 | 12.623 |
| 1/10/2017 5:30:00 AM | 459000.000 | 762.327 | 12.635 |
| 1/10/2017 5:45:00 AM | 459900.000 | 762.031 | 12.651 |
| 1/10/2017 6:00:00 AM | 460800.000 | 762.320 | 12.679 |
| 1/10/2017 6:15:00 AM | 461700.000 | 762.298 | 12.685 |
| 1/10/2017 6:30:00 AM | 462600.000 | 761.901 | 12.663 |
| 1/10/2017 6:45:00 AM | 463500.000 | 761.946 | 12.658 |
| 1/10/2017 7:00:00 AM | 464400.000 | 762.360 | 12.645 |
| 1/10/2017 7:15:00 AM | 465300.000 | 762.334 | 12.633 |
| 1/10/2017 7:30:00 AM | 466200.000 | 762.294 | 12.616 |

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| 1/10/2017 7:45:00 AM | 467100.000 | 762.117 | 12.620 |
| 1/10/2017 8:00:00 AM | 468000.000 | 762.210 | 12.610 |
| 1/10/2017 8:15:00 AM | 468900.000 | 762.131 | 12.581 |
| 1/10/2017 8:30:00 AM | 469800.000 | 762.246 | 12.570 |
| 1/10/2017 8:45:00 AM | 470700.000 | 762.416 | 12.614 |
| 1/10/2017 9:00:00 AM | 471600.000 | 762.286 | 12.582 |
| 1/10/2017 9:15:00 AM | 472500.000 | 762.629 | 12.628 |
| 1/10/2017 9:30:00 AM | 473400.000 | 762.727 | 12.623 |
| 1/10/2017 9:45:00 AM | 474300.000 | 762.741 | 12.672 |
| 1/10/2017 10:00:00 AM | 475200.000 | 762.771 | 12.682 |
| 1/10/2017 10:15:00 AM | 476100.000 | 762.566 | 12.714 |
| 1/10/2017 10:30:00 AM | 477000.000 | 762.440 | 12.720 |
| 1/10/2017 10:45:00 AM | 477900.000 | 762.264 | 12.819 |
| 1/10/2017 11:00:00 AM | 478800.000 | 761.936 | 12.901 |
| 1/10/2017 11:15:00 AM | 479700.000 | 761.752 | 12.953 |
| 1/10/2017 11:30:00 AM | 480600.000 | 761.722 | 13.028 |
| 1/10/2017 11:45:00 AM | 481500.000 | 761.776 | 13.063 |
| 1/10/2017 12:00:00 PM | 482400.000 | 761.091 | 13.148 |
| 1/10/2017 12:15:00 PM | 483300.000 | 761.047 | 13.196 |
| 1/10/2017 12:30:00 PM | 484200.000 | 760.568 | 13.260 |
| 1/10/2017 12:45:00 PM | 485100.000 | 760.203 | 13.303 |
| 1/10/2017 1:00:00 PM | 486000.000 | 760.608 | 13.377 |
| 1/10/2017 1:15:00 PM | 486900.000 | 760.024 | 13.374 |
| 1/10/2017 1:30:00 PM | 487800.000 | 760.081 | 13.416 |
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| 1/10/2017 2:00:00 PM | 489600.000 | 759.630 | 13.424 |
| 1/10/2017 2:15:00 PM | 490500.000 | 759.008 | 13.439 |
| 1/10/2017 2:30:00 PM | 491400.000 | 759.565 | 13.442 |
| 1/10/2017 2:45:00 PM | 492300.000 | 759.313 | 13.436 |
| 1/10/2017 3:00:00 PM | 493200.000 | 759.215 | 13.439 |
| 1/10/2017 3:15:00 PM | 494100.000 | 759.110 | 13.441 |
| 1/10/2017 3:30:00 PM | 495000.000 | 758.712 | 13.436 |
| 1/10/2017 3:45:00 PM | 495900.000 | 758.438 | 13.443 |
| 1/10/2017 4:00:00 PM | 496800.000 | 758.348 | 13.421 |
| 1/10/2017 4:15:00 PM | 497700.000 | 758.297 | 13.435 |
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| 1/10/2017 4:45:00 PM | 499500.000 | 758.243 | 13.436 |
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| 1/10/2017 5:15:00 PM | 501300.000 | 757.447 | 13.444 |
| 1/10/2017 5:30:00 PM | 502200.000 | 756.949 | 13.408 |
| 1/10/2017 5:45:00 PM | 503100.000 | 757.556 | 13.439 |
| 1/10/2017 6:00:00 PM | 504000.000 | 757.523 | 13.407 |
| 1/10/2017 6:15:00 PM | 504900.000 | 757.332 | 13.388 |
| 1/10/2017 6:30:00 PM | 505800.000 | 757.000 | 13.393 |
| 1/10/2017 6:45:00 PM | 506700.000 | 757.079 | 13.443 |
| 1/10/2017 7:00:00 PM | 507600.000 | 756.306 | 13.431 |
| 1/10/2017 7:15:00 PM | 508500.000 | 756.490 | 13.428 |
| 1/10/2017 7:30:00 PM | 509400.000 | 755.909 | 13.442 |
| 1/10/2017 7:45:00 PM | 510300.000 | 756.255 | 13.426 |
| 1/10/2017 8:00:00 PM | 511200.000 | 755.933 | 13.452 |
| 1/10/2017 8:15:00 PM | 512100.000 | 755.853 | 13.447 |
| 1/10/2017 8:30:00 PM | 513000.000 | 756.016 | 13.485 |
| 1/10/2017 8:45:00 PM | 513900.000 | 755.398 | 13.475 |
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| 1/10/2017 9:30:00 PM | 516600.000 | 757.554 | 13.536 |
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| 1/10/2017 10:15:00 PM | 519300.000 | 757.730 | 13.509 |
| 1/10/2017 10:30:00 PM | 520200.000 | 757.391 | 13.458 |

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| 1/10/2017 11:00:00 PM | 522000.000 | 758.121 | 13.398 |
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| 1/10/2017 11:30:00 PM | 523800.000 | 757.917 | 13.347 |
| 1/10/2017 11:45:00 PM | 524700.000 | 757.961 | 13.328 |
| 1/11/2017 12:00:00 AM | 525600.000 | 758.134 | 13.303 |
| 1/11/2017 12:15:00 AM | 526500.000 | 757.697 | 13.319 |
| 1/11/2017 12:30:00 AM | 527400.000 | 757.993 | 13.257 |
| 1/11/2017 12:45:00 AM | 528300.000 | 758.195 | 13.252 |
| 1/11/2017 1:00:00 AM | 529200.000 | 757.989 | 13.279 |
| 1/11/2017 1:15:00 AM | 530100.000 | 757.729 | 13.276 |
| 1/11/2017 1:30:00 AM | 531000.000 | 758.257 | 13.252 |
| 1/11/2017 1:45:00 AM | 531900.000 | 758.444 | 13.242 |
| 1/11/2017 2:00:00 AM | 532800.000 | 758.600 | 13.255 |
| 1/11/2017 2:15:00 AM | 533700.000 | 758.412 | 13.239 |
| 1/11/2017 2:30:00 AM | 534600.000 | 758.466 | 13.232 |
| 1/11/2017 2:45:00 AM | 535500.000 | 758.711 | 13.213 |
| 1/11/2017 3:00:00 AM | 536400.000 | 758.754 | 13.149 |
| 1/11/2017 3:15:00 AM | 537300.000 | 758.533 | 13.072 |
| 1/11/2017 3:30:00 AM | 538200.000 | 758.938 | 12.981 |
| 1/11/2017 3:45:00 AM | 539100.000 | 758.714 | 12.960 |
| 1/11/2017 4:00:00 AM | 540000.000 | 758.986 | 12.891 |
| 1/11/2017 4:15:00 AM | 540900.000 | 759.088 | 12.805 |
| 1/11/2017 4:30:00 AM | 541800.000 | 759.142 | 12.758 |
| 1/11/2017 4:45:00 AM | 542700.000 | 759.167 | 12.679 |
| 1/11/2017 5:00:00 AM | 543600.000 | 758.919 | 12.580 |
| 1/11/2017 5:15:00 AM | 544500.000 | 758.591 | 12.543 |
| 1/11/2017 5:30:00 AM | 545400.000 | 758.735 | 12.519 |
| 1/11/2017 5:45:00 AM | 546300.000 | 758.782 | 12.479 |
| 1/11/2017 6:00:00 AM | 547200.000 | 758.825 | 12.444 |
| 1/11/2017 6:15:00 AM | 548100.000 | 759.098 | 12.415 |
| 1/11/2017 6:30:00 AM | 549000.000 | 759.568 | 12.400 |
| 1/11/2017 6:45:00 AM | 549900.000 | 759.246 | 12.327 |
| 1/11/2017 7:00:00 AM | 550800.000 | 759.310 | 12.252 |
| 1/11/2017 7:15:00 AM | 551700.000 | 759.321 | 12.230 |
| 1/11/2017 7:30:00 AM | 552600.000 | 759.519 | 12.197 |
| 1/11/2017 7:45:00 AM | 553500.000 | 759.663 | 12.141 |
| 1/11/2017 8:00:00 AM | 554400.000 | 760.024 | 12.155 |
| 1/11/2017 8:15:00 AM | 555300.000 | 760.092 | 12.115 |
| 1/11/2017 8:30:00 AM | 556200.000 | 760.337 | 12.113 |
| 1/11/2017 8:45:00 AM | 557100.000 | 759.908 | 12.104 |
| 1/11/2017 9:00:00 AM | 558000.000 | 760.287 | 12.166 |
| 1/11/2017 9:15:00 AM | 558900.000 | 760.299 | 12.277 |
| 1/11/2017 9:30:00 AM | 559800.000 | 760.440 | 12.360 |
| 1/11/2017 9:45:00 AM | 560700.000 | 760.931 | 12.469 |
| 1/11/2017 10:00:00 AM | 561600.000 | 760.684 | 12.578 |
| 1/11/2017 10:15:00 AM | 562500.000 | 761.231 | 12.704 |
| 1/11/2017 10:30:00 AM | 563400.000 | 761.203 | 12.856 |
| 1/11/2017 10:45:00 AM | 564300.000 | 761.550 | 13.004 |
| 1/11/2017 11:00:00 AM | 565200.000 | 761.454 | 13.176 |
| 1/11/2017 11:15:00 AM | 566100.000 | 761.372 | 13.314 |
| 1/11/2017 11:30:00 AM | 567000.000 | 761.366 | 13.489 |
| 1/11/2017 11:45:00 AM | 567900.000 | 761.293 | 13.653 |
| 1/11/2017 12:00:00 PM | 568800.000 | 761.171 | 13.807 |
| 1/11/2017 12:15:00 PM | 569700.000 | 760.930 | 13.907 |
| 1/11/2017 12:30:00 PM | 570600.000 | 760.815 | 14.008 |
| 1/11/2017 12:45:00 PM | 571500.000 | 760.633 | 14.092 |
| 1/11/2017 1:00:00 PM | 572400.000 | 760.554 | 14.124 |
| 1/11/2017 1:15:00 PM | 573300.000 | 760.627 | 14.141 |
| 1/11/2017 1:30:00 PM | 574200.000 | 760.427 | 14.234 |

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| 1/11/2017 1:45:00 PM | 575100.000 | 760.339 | 14.302 |
| 1/11/2017 2:00:00 PM | 576000.000 | 760.374 | 14.378 |
| 1/11/2017 2:15:00 PM | 576900.000 | 760.472 | 14.458 |
| 1/11/2017 2:30:00 PM | 577800.000 | 760.498 | 14.927 |
| 1/11/2017 2:45:00 PM | 578700.000 | 760.294 | 15.254 |
| 1/11/2017 3:00:00 PM | 579600.000 | 760.496 | 15.399 |
| 1/11/2017 3:15:00 PM | 580500.000 | 760.607 | 15.472 |
| 1/11/2017 3:30:00 PM | 581400.000 | 760.488 | 15.527 |
| 1/11/2017 3:45:00 PM | 582300.000 | 760.390 | 15.554 |
| 1/11/2017 4:00:00 PM | 583200.000 | 760.184 | 15.571 |
| 1/11/2017 4:15:00 PM | 584100.000 | 760.380 | 15.520 |
| 1/11/2017 4:30:00 PM | 585000.000 | 760.314 | 15.587 |
| 1/11/2017 4:45:00 PM | 585900.000 | 760.744 | 15.358 |
| 1/11/2017 5:00:00 PM | 586800.000 | 760.674 | 15.155 |
| 1/11/2017 5:15:00 PM | 587700.000 | 760.555 | 14.786 |
| 1/11/2017 5:30:00 PM | 588600.000 | 760.451 | 14.456 |
| 1/11/2017 5:45:00 PM | 589500.000 | 760.467 | 14.230 |
| 1/11/2017 6:00:00 PM | 590400.000 | 760.438 | 14.143 |
| 1/11/2017 6:15:00 PM | 591300.000 | 760.642 | 13.988 |
| 1/11/2017 6:30:00 PM | 592200.000 | 760.362 | 13.865 |
| 1/11/2017 6:45:00 PM | 593100.000 | 760.502 | 13.773 |
| 1/11/2017 7:00:00 PM | 594000.000 | 760.468 | 13.674 |
| 1/11/2017 7:15:00 PM | 594900.000 | 760.634 | 13.578 |
| 1/11/2017 7:30:00 PM | 595800.000 | 760.365 | 13.510 |
| 1/11/2017 7:45:00 PM | 596700.000 | 760.405 | 13.396 |
| 1/11/2017 8:00:00 PM | 597600.000 | 760.494 | 13.311 |
| 1/11/2017 8:15:00 PM | 598500.000 | 760.489 | 13.253 |
| 1/11/2017 8:30:00 PM | 599400.000 | 760.155 | 13.200 |
| 1/11/2017 8:45:00 PM | 600300.000 | 760.221 | 13.157 |
| 1/11/2017 9:00:00 PM | 601200.000 | 759.855 | 13.095 |
| 1/11/2017 9:15:00 PM | 602100.000 | 759.815 | 13.015 |
| 1/11/2017 9:30:00 PM | 603000.000 | 759.718 | 12.988 |
| 1/11/2017 9:45:00 PM | 603900.000 | 760.030 | 12.951 |
| 1/11/2017 10:00:00 PM | 604800.000 | 759.792 | 12.862 |
| 1/11/2017 10:15:00 PM | 605700.000 | 759.752 | 12.805 |
| 1/11/2017 10:30:00 PM | 606600.000 | 759.651 | 12.755 |
| 1/11/2017 10:45:00 PM | 607500.000 | 759.636 | 12.712 |
| 1/11/2017 11:00:00 PM | 608400.000 | 759.246 | 12.698 |
| 1/11/2017 11:15:00 PM | 609300.000 | 759.430 | 12.695 |
| 1/11/2017 11:30:00 PM | 610200.000 | 759.574 | 12.690 |
| 1/11/2017 11:45:00 PM | 611100.000 | 759.470 | 12.687 |

Serial_number:

2003874

Project ID:

MPWSP Monitoring Wells Barologge

Location:

MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

| Date | Time | ms | LEVEL | TEMPERATURE |
|---|---|---|---|---|
| 1/5/2017 | 0:00:00 | 0 | 14.6596 | 10.275 |
| 1/5/2017 | 0:15:00 | 0 | 14.6603 | 10.252 |
| 1/5/2017 | 0:30:00 | 0 | 14.6616 | 10.179 |
| 1/5/2017 | 0:45:00 | 0 | 14.6654 | 10.064 |
| 1/5/2017 | 1:00:00 | 0 | 14.6654 | 9.935 |
| 1/5/2017 | 1:15:00 | 0 | 14.6624 | 9.825 |
| 1/5/2017 | 1:30:00 | 0 | 14.6683 | 9.712 |
| 1/5/2017 | 1:45:00 | 0 | 14.6672 | 9.659 |
| 1/5/2017 | 2:00:00 | 0 | 14.6687 | 9.644 |
| 1/5/2017 | 2:15:00 | 0 | 14.6714 | 9.656 |
| 1/5/2017 | 2:30:00 | 0 | 14.6689 | 9.662 |
| 1/5/2017 | 2:45:00 | 0 | 14.6698 | 9.643 |
| 1/5/2017 | 3:00:00 | 0 | 14.6716 | 9.579 |
| 1/5/2017 | 3:15:00 | 0 | 14.6732 | 9.492 |
| 1/5/2017 | 3:30:00 | 0 | 14.6683 | 9.426 |
| 1/5/2017 | 3:45:00 | 0 | 14.6701 | 9.329 |
| 1/5/2017 | 4:00:00 | 0 | 14.6691 | 9.22 |
| 1/5/2017 | 4:15:00 | 0 | 14.6702 | 9.099 |
| 1/5/2017 | 4:30:00 | 0 | 14.6709 | 8.95 |
| 1/5/2017 | 4:45:00 | 0 | 14.6685 | 8.826 |
| 1/5/2017 | 5:00:00 | 0 | 14.6618 | 8.799 |
| 1/5/2017 | 5:15:00 | 0 | 14.6681 | 8.764 |
| 1/5/2017 | 5:30:00 | 0 | 14.6689 | 8.741 |
| 1/5/2017 | 5:45:00 | 0 | 14.6671 | 8.719 |
| 1/5/2017 | 6:00:00 | 0 | 14.6724 | 8.697 |
| 1/5/2017 | 6:15:00 | 0 | 14.6756 | 8.741 |
| 1/5/2017 | 6:30:00 | 0 | 14.677 | 8.753 |
| 1/5/2017 | 6:45:00 | 0 | 14.6795 | 8.71 |
| 1/5/2017 | 7:00:00 | 0 | 14.6805 | 8.653 |
| 1/5/2017 | 7:15:00 | 0 | 14.6827 | 8.577 |
| 1/5/2017 | 7:30:00 | 0 | 14.6812 | 8.512 |
| 1/5/2017 | 7:45:00 | 0 | 14.681 | 8.437 |
| 1/5/2017 | 8:00:00 | 0 | 14.6826 | 8.248 |
| 1/5/2017 | 8:15:00 | 0 | 14.6888 | 8.116 |
| 1/5/2017 | 8:30:00 | 0 | 14.6924 | 8.814 |
| 1/5/2017 | 8:45:00 | 0 | 14.6989 | 9.968 |

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| 1/5/2017 | 9:00:00 | 0 | 14.7012 | 10.511 |
| 1/5/2017 | 9:15:00 | 0 | 14.7026 | 11.164 |
| 1/5/2017 | 9:30:00 | 0 | 14.706 | 11.859 |
| 1/5/2017 | 9:45:00 | 0 | 14.7075 | 12.523 |
| 1/5/2017 | 10:00:00 | 0 | 14.7092 | 12.849 |
| 1/5/2017 | 10:15:00 | 0 | 14.707 | 12.811 |
| 1/5/2017 | 10:30:00 | 0 | 14.7062 | 12.849 |
| 1/5/2017 | 10:45:00 | 0 | 14.7071 | 12.925 |
| 1/5/2017 | 11:00:00 | 0 | 14.7081 | 17.688 |
| 1/5/2017 | 11:15:00 | 0 | 14.706 | 16.55 |
| 1/5/2017 | 11:30:00 | 0 | 14.7036 | 15.529 |
| 1/5/2017 | 11:45:00 | 0 | 14.699 | 15.169 |
| 1/5/2017 | 12:00:00 | 0 | 14.6999 | 14.321 |
| 1/5/2017 | 12:15:00 | 0 | 14.6973 | 14.479 |
| 1/5/2017 | 12:30:00 | 0 | 14.6967 | 14.753 |
| 1/5/2017 | 12:45:00 | 0 | 14.6967 | 15.291 |
| 1/5/2017 | 13:00:00 | 0 | 14.6932 | 14.497 |
| 1/5/2017 | 13:15:00 | 0 | 14.6927 | 13.395 |
| 1/5/2017 | 13:30:00 | 0 | 14.6899 | 13.489 |
| 1/5/2017 | 13:45:00 | 0 | 14.6918 | 14.09 |
| 1/5/2017 | 14:00:00 | 0 | 14.6945 | 14.361 |
| 1/5/2017 | 14:15:00 | 0 | 14.6946 | 14.523 |
| 1/5/2017 | 14:30:00 | 0 | 14.6927 | 14.029 |
| 1/5/2017 | 14:45:00 | 0 | 14.6936 | 12.807 |
| 1/5/2017 | 15:00:00 | 0 | 14.6922 | 11.715 |
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| 1/5/2017 | 15:30:00 | 0 | 14.6933 | 10.395 |
| 1/5/2017 | 15:45:00 | 0 | 14.6919 | 9.993 |
| 1/5/2017 | 16:00:00 | 0 | 14.6936 | 9.658 |
| 1/5/2017 | 16:15:00 | 0 | 14.6947 | 9.384 |
| 1/5/2017 | 16:30:00 | 0 | 14.6927 | 9.116 |
| 1/5/2017 | 16:45:00 | 0 | 14.6956 | 8.843 |
| 1/5/2017 | 17:00:00 | 0 | 14.6967 | 8.574 |
| 1/5/2017 | 17:15:00 | 0 | 14.6988 | 8.329 |
| 1/5/2017 | 17:30:00 | 0 | 14.6988 | 8.075 |
| 1/5/2017 | 17:45:00 | 0 | 14.7031 | 7.762 |
| 1/5/2017 | 18:00:00 | 0 | 14.7026 | 7.439 |
| 1/5/2017 | 18:15:00 | 0 | 14.7025 | 7.026 |
| 1/5/2017 | 18:30:00 | 0 | 14.7045 | 6.552 |
| 1/5/2017 | 18:45:00 | 0 | 14.7066 | 6.073 |
| 1/5/2017 | 19:00:00 | 0 | 14.7045 | 5.653 |
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| 1/5/2017 | 19:30:00 | 0 | 14.7058 | 5.037 |
| 1/5/2017 | 19:45:00 | 0 | 14.7053 | 4.774 |
| 1/5/2017 | 20:00:00 | 0 | 14.7054 | 4.459 |
| 1/5/2017 | 20:15:00 | 0 | 14.7065 | 4.146 |
| 1/5/2017 | 20:30:00 | 0 | 14.7052 | 3.928 |

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| 1/5/2017 | 20:45:00 | 0 | 14.7055 | 3.698 |
| 1/5/2017 | 21:00:00 | 0 | 14.7074 | 3.577 |
| 1/5/2017 | 21:15:00 | 0 | 14.7094 | 3.458 |
| 1/5/2017 | 21:30:00 | 0 | 14.7125 | 3.413 |
| 1/5/2017 | 21:45:00 | 0 | 14.714 | 3.284 |
| 1/5/2017 | 22:00:00 | 0 | 14.7136 | 3.2 |
| 1/5/2017 | 22:15:00 | 0 | 14.7156 | 3.216 |
| 1/5/2017 | 22:30:00 | 0 | 14.7162 | 3.185 |
| 1/5/2017 | 22:45:00 | 0 | 14.7134 | 3.005 |
| 1/5/2017 | 23:00:00 | 0 | 14.7127 | 2.93 |
| 1/5/2017 | 23:15:00 | 0 | 14.7125 | 2.826 |
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| 1/5/2017 | 23:45:00 | 0 | 14.7149 | 2.625 |
| 1/6/2017 | 0:00:00 | 0 | 14.7156 | 2.437 |
| 1/6/2017 | 0:15:00 | 0 | 14.716 | 2.268 |
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| 1/6/2017 | 0:45:00 | 0 | 14.7112 | 2.142 |
| 1/6/2017 | 1:00:00 | 0 | 14.7113 | 2.005 |
| 1/6/2017 | 1:15:00 | 0 | 14.7115 | 1.904 |
| 1/6/2017 | 1:30:00 | 0 | 14.7098 | 1.722 |
| 1/6/2017 | 1:45:00 | 0 | 14.7116 | 1.621 |
| 1/6/2017 | 2:00:00 | 0 | 14.7111 | 1.531 |
| 1/6/2017 | 2:15:00 | 0 | 14.7128 | 1.44 |
| 1/6/2017 | 2:30:00 | 0 | 14.7099 | 1.363 |
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| 1/6/2017 | 3:15:00 | 0 | 14.7095 | 1.207 |
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| 1/6/2017 | 4:00:00 | 0 | 14.7083 | 1.072 |
| 1/6/2017 | 4:15:00 | 0 | 14.7061 | 1.068 |
| 1/6/2017 | 4:30:00 | 0 | 14.7052 | 1.008 |
| 1/6/2017 | 4:45:00 | 0 | 14.7041 | 0.919 |
| 1/6/2017 | 5:00:00 | 0 | 14.704 | 0.953 |
| 1/6/2017 | 5:15:00 | 0 | 14.7085 | 0.892 |
| 1/6/2017 | 5:30:00 | 0 | 14.7093 | 0.899 |
| 1/6/2017 | 5:45:00 | 0 | 14.707 | 0.864 |
| 1/6/2017 | 6:00:00 | 0 | 14.7046 | 0.855 |
| 1/6/2017 | 6:15:00 | 0 | 14.7076 | 0.811 |
| 1/6/2017 | 6:30:00 | 0 | 14.7077 | 0.79 |
| 1/6/2017 | 6:45:00 | 0 | 14.7072 | 0.762 |
| 1/6/2017 | 7:00:00 | 0 | 14.713 | 0.723 |
| 1/6/2017 | 7:15:00 | 0 | 14.7131 | 0.661 |
| 1/6/2017 | 7:30:00 | 0 | 14.7166 | 0.8 |
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| 1/6/2017 | 8:00:00 | 0 | 14.7228 | 1.651 |
| 1/6/2017 | 8:15:00 | 0 | 14.7251 | 2.568 |

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| 1/6/2017 | 8:30:00 | 0 | 14.7282 | 3.641 |
| 1/6/2017 | 8:45:00 | 0 | 14.7324 | 4.749 |
| 1/6/2017 | 9:00:00 | 0 | 14.7347 | 5.851 |
| 1/6/2017 | 9:15:00 | 0 | 14.7364 | 6.915 |
| 1/6/2017 | 9:30:00 | 0 | 14.7376 | 8.003 |
| 1/6/2017 | 9:45:00 | 0 | 14.7369 | 9.124 |
| 1/6/2017 | 10:00:00 | 0 | 14.7339 | 9.839 |
| 1/6/2017 | 10:15:00 | 0 | 14.734 | 10.324 |
| 1/6/2017 | 10:30:00 | 0 | 14.7345 | 10.848 |
| 1/6/2017 | 10:45:00 | 0 | 14.7344 | 11.203 |
| 1/6/2017 | 11:00:00 | 0 | 14.7336 | 11.903 |
| 1/6/2017 | 11:15:00 | 0 | 14.728 | 12.968 |
| 1/6/2017 | 11:30:00 | 0 | 14.7274 | 13.782 |
| 1/6/2017 | 11:45:00 | 0 | 14.7254 | 14.187 |
| 1/6/2017 | 12:00:00 | 0 | 14.7209 | 14.22 |
| 1/6/2017 | 12:15:00 | 0 | 14.7168 | 14.525 |
| 1/6/2017 | 12:30:00 | 0 | 14.7174 | 15.086 |
| 1/6/2017 | 12:45:00 | 0 | 14.7175 | 15.422 |
| 1/6/2017 | 13:00:00 | 0 | 14.713 | 15.773 |
| 1/6/2017 | 13:15:00 | 0 | 14.7137 | 15.752 |
| 1/6/2017 | 13:30:00 | 0 | 14.709 | 15.298 |
| 1/6/2017 | 13:45:00 | 0 | 14.7049 | 15.401 |
| 1/6/2017 | 14:00:00 | 0 | 14.6982 | 14.884 |
| 1/6/2017 | 14:15:00 | 0 | 14.6959 | 14.087 |
| 1/6/2017 | 14:30:00 | 0 | 14.6923 | 13.499 |
| 1/6/2017 | 14:45:00 | 0 | 14.692 | 13.008 |
| 1/6/2017 | 15:00:00 | 0 | 14.6934 | 12.757 |
| 1/6/2017 | 15:15:00 | 0 | 14.6936 | 12.464 |
| 1/6/2017 | 15:30:00 | 0 | 14.6971 | 12.126 |
| 1/6/2017 | 15:45:00 | 0 | 14.7029 | 11.801 |
| 1/6/2017 | 16:00:00 | 0 | 14.701 | 11.52 |
| 1/6/2017 | 16:15:00 | 0 | 14.698 | 11.208 |
| 1/6/2017 | 16:30:00 | 0 | 14.699 | 10.845 |
| 1/6/2017 | 16:45:00 | 0 | 14.6986 | 10.442 |
| 1/6/2017 | 17:00:00 | 0 | 14.6966 | 9.992 |
| 1/6/2017 | 17:15:00 | 0 | 14.6946 | 9.439 |
| 1/6/2017 | 17:30:00 | 0 | 14.696 | 8.93 |
| 1/6/2017 | 17:45:00 | 0 | 14.6968 | 8.51 |
| 1/6/2017 | 18:00:00 | 0 | 14.6939 | 8.141 |
| 1/6/2017 | 18:15:00 | 0 | 14.6971 | 7.763 |
| 1/6/2017 | 18:30:00 | 0 | 14.6972 | 7.478 |
| 1/6/2017 | 18:45:00 | 0 | 14.6974 | 7.277 |
| 1/6/2017 | 19:00:00 | 0 | 14.698 | 7.147 |
| 1/6/2017 | 19:15:00 | 0 | 14.6989 | 7.061 |
| 1/6/2017 | 19:30:00 | 0 | 14.6992 | 7.057 |
| 1/6/2017 | 19:45:00 | 0 | 14.7012 | 7.052 |
| 1/6/2017 | 20:00:00 | 0 | 14.7034 | 7.067 |

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| 1/6/2017 | 20:15:00 | 0 | 14.701 | 7.129 |
| 1/6/2017 | 20:30:00 | 0 | 14.7024 | 7.151 |
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| 1/6/2017 | 21:15:00 | 0 | 14.6972 | 7.213 |
| 1/6/2017 | 21:30:00 | 0 | 14.6928 | 7.18 |
| 1/6/2017 | 21:45:00 | 0 | 14.694 | 7.175 |
| 1/6/2017 | 22:00:00 | 0 | 14.6932 | 7.163 |
| 1/6/2017 | 22:15:00 | 0 | 14.7008 | 7.137 |
| 1/6/2017 | 22:30:00 | 0 | 14.7046 | 7.153 |
| 1/6/2017 | 22:45:00 | 0 | 14.706 | 7.153 |
| 1/6/2017 | 23:00:00 | 0 | 14.7054 | 7.163 |
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| 1/6/2017 | 23:30:00 | 0 | 14.7027 | 7.183 |
| 1/6/2017 | 23:45:00 | 0 | 14.7025 | 7.169 |
| 1/7/2017 | 0:00:00 | 0 | 14.6969 | 7.149 |
| 1/7/2017 | 0:15:00 | 0 | 14.6889 | 7.12 |
| 1/7/2017 | 0:30:00 | 0 | 14.6866 | 7.089 |
| 1/7/2017 | 0:45:00 | 0 | 14.6797 | 7.089 |
| 1/7/2017 | 1:00:00 | 0 | 14.6724 | 7.193 |
| 1/7/2017 | 1:15:00 | 0 | 14.67 | 7.395 |
| 1/7/2017 | 1:30:00 | 0 | 14.6672 | 7.595 |
| 1/7/2017 | 1:45:00 | 0 | 14.6656 | 7.701 |
| 1/7/2017 | 2:00:00 | 0 | 14.6691 | 7.822 |
| 1/7/2017 | 2:15:00 | 0 | 14.668 | 7.964 |
| 1/7/2017 | 2:30:00 | 0 | 14.6646 | 8.049 |
| 1/7/2017 | 2:45:00 | 0 | 14.6662 | 8.098 |
| 1/7/2017 | 3:00:00 | 0 | 14.6608 | 8.114 |
| 1/7/2017 | 3:15:00 | 0 | 14.6575 | 8.113 |
| 1/7/2017 | 3:30:00 | 0 | 14.6532 | 8.125 |
| 1/7/2017 | 3:45:00 | 0 | 14.6547 | 8.148 |
| 1/7/2017 | 4:00:00 | 0 | 14.6501 | 8.148 |
| 1/7/2017 | 4:15:00 | 0 | 14.6473 | 8.124 |
| 1/7/2017 | 4:30:00 | 0 | 14.6449 | 8.096 |
| 1/7/2017 | 4:45:00 | 0 | 14.6448 | 8.071 |
| 1/7/2017 | 5:00:00 | 0 | 14.6438 | 8.045 |
| 1/7/2017 | 5:15:00 | 0 | 14.6454 | 8.024 |
| 1/7/2017 | 5:30:00 | 0 | 14.6466 | 8.012 |
| 1/7/2017 | 5:45:00 | 0 | 14.6501 | 8.013 |
| 1/7/2017 | 6:00:00 | 0 | 14.6526 | 8.023 |
| 1/7/2017 | 6:15:00 | 0 | 14.6459 | 8.054 |
| 1/7/2017 | 6:30:00 | 0 | 14.6492 | 8.094 |
| 1/7/2017 | 6:45:00 | 0 | 14.6519 | 8.146 |
| 1/7/2017 | 7:00:00 | 0 | 14.6512 | 8.233 |
| 1/7/2017 | 7:15:00 | 0 | 14.652 | 8.352 |
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| 1/7/2017 | 7:45:00 | 0 | 14.6582 | 8.673 |

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| 1/7/2017 | 8:00:00 | 0 | 14.6581 | 8.911 |
| 1/7/2017 | 8:15:00 | 0 | 14.6639 | 9.174 |
| 1/7/2017 | 8:30:00 | 0 | 14.66 | 9.44 |
| 1/7/2017 | 8:45:00 | 0 | 14.6668 | 9.714 |
| 1/7/2017 | 9:00:00 | 0 | 14.6698 | 10.002 |
| 1/7/2017 | 9:15:00 | 0 | 14.6782 | 10.32 |
| 1/7/2017 | 9:30:00 | 0 | 14.6798 | 10.559 |
| 1/7/2017 | 9:45:00 | 0 | 14.6808 | 10.785 |
| 1/7/2017 | 10:00:00 | 0 | 14.6866 | 10.825 |
| 1/7/2017 | 10:15:00 | 0 | 14.6931 | 10.731 |
| 1/7/2017 | 10:30:00 | 0 | 14.6885 | 10.714 |
| 1/7/2017 | 10:45:00 | 0 | 14.6874 | 10.805 |
| 1/7/2017 | 11:00:00 | 0 | 14.6883 | 10.905 |
| 1/7/2017 | 11:15:00 | 0 | 14.6877 | 11.123 |
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| 1/7/2017 | 11:45:00 | 0 | 14.6795 | 11.599 |
| 1/7/2017 | 12:00:00 | 0 | 14.6756 | 11.831 |
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| 1/7/2017 | 12:45:00 | 0 | 14.6704 | 12.582 |
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| 1/7/2017 | 14:15:00 | 0 | 14.6751 | 13.167 |
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| 1/7/2017 | 14:45:00 | 0 | 14.681 | 13.227 |
| 1/7/2017 | 15:00:00 | 0 | 14.6838 | 13.205 |
| 1/7/2017 | 15:15:00 | 0 | 14.6855 | 13.165 |
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| 1/7/2017 | 15:45:00 | 0 | 14.6898 | 13.04 |
| 1/7/2017 | 16:00:00 | 0 | 14.6894 | 12.968 |
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| 1/7/2017 | 16:30:00 | 0 | 14.6898 | 12.807 |
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| 1/7/2017 | 19:30:00 | 0 | 14.7058 | 12.117 |

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| 1/8/2017 | 5:45:00 | 0 | 14.653 | 12.621 |
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| 1/8/2017 | 11:45:00 | 0 | 14.6627 | 14.971 |
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| 1/8/2017 | 15:45:00 | 0 | 14.6462 | 13.28 |
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| 1/8/2017 | 16:15:00 | 0 | 14.644 | 13.047 |
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| 1/8/2017 | 18:15:00 | 0 | 14.6454 | 12.365 |
| 1/8/2017 | 18:30:00 | 0 | 14.6512 | 12.405 |
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| 1/8/2017 | 20:15:00 | 0 | 14.6626 | 12.328 |
| 1/8/2017 | 20:30:00 | 0 | 14.6615 | 12.338 |
| 1/8/2017 | 20:45:00 | 0 | 14.6632 | 12.389 |
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| 1/8/2017 | 23:15:00 | 0 | 14.6786 | 13.23 |
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| 1/8/2017 | 23:45:00 | 0 | 14.6815 | 13.399 |
| 1/9/2017 | 0:00:00 | 0 | 14.6836 | 13.42 |
| 1/9/2017 | 0:15:00 | 0 | 14.6849 | 13.367 |
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| 1/9/2017 | 0:45:00 | 0 | 14.6787 | 13.226 |
| 1/9/2017 | 1:00:00 | 0 | 14.6753 | 13.124 |
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| 1/9/2017 | 1:45:00 | 0 | 14.6754 | 13.055 |
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| 1/9/2017 | 3:15:00 | 0 | 14.6949 | 12.668 |
| 1/9/2017 | 3:30:00 | 0 | 14.6952 | 12.506 |
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| 1/9/2017 | 4:45:00 | 0 | 14.6987 | 11.916 |
| 1/9/2017 | 5:00:00 | 0 | 14.6973 | 11.724 |
| 1/9/2017 | 5:15:00 | 0 | 14.6953 | 11.487 |
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| 1/9/2017 | 6:45:00 | 0 | 14.7006 | 10.476 |

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| 1/9/2017 | 10:45:00 | 0 | 14.7574 | 14.85 |
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| 1/9/2017 | 12:15:00 | 0 | 14.7312 | 18.797 |
| 1/9/2017 | 12:30:00 | 0 | 14.7355 | 18.697 |
| 1/9/2017 | 12:45:00 | 0 | 14.7364 | 18.098 |
| 1/9/2017 | 13:00:00 | 0 | 14.7291 | 17.383 |
| 1/9/2017 | 13:15:00 | 0 | 14.7241 | 16.723 |
| 1/9/2017 | 13:30:00 | 0 | 14.7246 | 16.089 |
| 1/9/2017 | 13:45:00 | 0 | 14.7312 | 15.478 |
| 1/9/2017 | 14:00:00 | 0 | 14.7338 | 14.87 |
| 1/9/2017 | 14:15:00 | 0 | 14.733 | 14.391 |
| 1/9/2017 | 14:30:00 | 0 | 14.7388 | 13.998 |
| 1/9/2017 | 14:45:00 | 0 | 14.7347 | 13.569 |
| 1/9/2017 | 15:00:00 | 0 | 14.7289 | 13.247 |
| 1/9/2017 | 15:15:00 | 0 | 14.7292 | 12.958 |
| 1/9/2017 | 15:30:00 | 0 | 14.7318 | 12.758 |
| 1/9/2017 | 15:45:00 | 0 | 14.7324 | 12.649 |
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| 1/9/2017 | 16:30:00 | 0 | 14.7276 | 12.267 |
| 1/9/2017 | 16:45:00 | 0 | 14.7273 | 12.104 |
| 1/9/2017 | 17:00:00 | 0 | 14.729 | 11.936 |
| 1/9/2017 | 17:15:00 | 0 | 14.7276 | 11.773 |
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| 1/9/2017 | 18:45:00 | 0 | 14.7288 | 11.275 |
| 1/9/2017 | 19:00:00 | 0 | 14.729 | 11.117 |
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| 1/10/2017 | 5:45:00 | 0 | 14.6895 | 10.746 |
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| 1/10/2017 | 6:15:00 | 0 | 14.6901 | 10.748 |

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| 1/10/2017 | 7:45:00 | 0 | 14.6919 | 10.729 |
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| 1/10/2017 | 8:45:00 | 0 | 14.6945 | 11.072 |
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| 1/10/2017 | 10:30:00 | 0 | 14.697 | 12.37 |
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| 1/10/2017 | 11:45:00 | 0 | 14.6805 | 14.088 |
| 1/10/2017 | 12:00:00 | 0 | 14.6745 | 14.497 |
| 1/10/2017 | 12:15:00 | 0 | 14.6677 | 14.839 |
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| 1/10/2017 | 13:30:00 | 0 | 14.6484 | 14.375 |
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| 1/10/2017 | 15:15:00 | 0 | 14.6259 | 13.187 |
| 1/10/2017 | 15:30:00 | 0 | 14.6252 | 13.096 |
| 1/10/2017 | 15:45:00 | 0 | 14.6245 | 12.979 |
| 1/10/2017 | 16:00:00 | 0 | 14.6229 | 12.915 |
| 1/10/2017 | 16:15:00 | 0 | 14.6172 | 12.858 |
| 1/10/2017 | 16:30:00 | 0 | 14.6174 | 12.772 |
| 1/10/2017 | 16:45:00 | 0 | 14.6117 | 12.704 |
| 1/10/2017 | 17:00:00 | 0 | 14.6023 | 12.675 |
| 1/10/2017 | 17:15:00 | 0 | 14.6027 | 12.661 |
| 1/10/2017 | 17:30:00 | 0 | 14.5967 | 12.655 |
| 1/10/2017 | 17:45:00 | 0 | 14.6054 | 12.633 |
| 1/10/2017 | 18:00:00 | 0 | 14.6045 | 12.639 |

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|---|---|---|---|---|
| 1/10/2017 | 18:15:00 | 0 | 14.601 | 12.704 |
| 1/10/2017 | 18:30:00 | 0 | 14.5972 | 12.766 |
| 1/10/2017 | 18:45:00 | 0 | 14.5939 | 12.829 |
| 1/10/2017 | 19:00:00 | 0 | 14.5848 | 12.9 |
| 1/10/2017 | 19:15:00 | 0 | 14.5856 | 12.965 |
| 1/10/2017 | 19:30:00 | 0 | 14.5819 | 13.024 |
| 1/10/2017 | 19:45:00 | 0 | 14.5788 | 13.096 |
| 1/10/2017 | 20:00:00 | 0 | 14.577 | 13.227 |
| 1/10/2017 | 20:15:00 | 0 | 14.5722 | 13.311 |
| 1/10/2017 | 20:30:00 | 0 | 14.5691 | 13.378 |
| 1/10/2017 | 20:45:00 | 0 | 14.5677 | 13.438 |
| 1/10/2017 | 21:00:00 | 0 | 14.571 | 13.461 |
| 1/10/2017 | 21:15:00 | 0 | 14.5889 | 13.441 |
| 1/10/2017 | 21:30:00 | 0 | 14.5982 | 12.62 |
| 1/10/2017 | 21:45:00 | 0 | 14.601 | 12.234 |
| 1/10/2017 | 22:00:00 | 0 | 14.6018 | 12.07 |
| 1/10/2017 | 22:15:00 | 0 | 14.6046 | 11.996 |
| 1/10/2017 | 22:30:00 | 0 | 14.6055 | 11.938 |
| 1/10/2017 | 22:45:00 | 0 | 14.6065 | 11.922 |
| 1/10/2017 | 23:00:00 | 0 | 14.6072 | 11.866 |
| 1/10/2017 | 23:15:00 | 0 | 14.6101 | 11.815 |
| 1/10/2017 | 23:30:00 | 0 | 14.6091 | 11.882 |
| 1/10/2017 | 23:45:00 | 0 | 14.6087 | 11.962 |
| 1/11/2017 | 0:00:00 | 0 | 14.6084 | 12.037 |
| 1/11/2017 | 0:15:00 | 0 | 14.6088 | 12.13 |
| 1/11/2017 | 0:30:00 | 0 | 14.6058 | 12.193 |
| 1/11/2017 | 0:45:00 | 0 | 14.605 | 12.211 |
| 1/11/2017 | 1:00:00 | 0 | 14.607 | 12.257 |
| 1/11/2017 | 1:15:00 | 0 | 14.6085 | 12.303 |
| 1/11/2017 | 1:30:00 | 0 | 14.6144 | 12.306 |
| 1/11/2017 | 1:45:00 | 0 | 14.6183 | 12.253 |
| 1/11/2017 | 2:00:00 | 0 | 14.6199 | 12.155 |
| 1/11/2017 | 2:15:00 | 0 | 14.6189 | 12.067 |
| 1/11/2017 | 2:30:00 | 0 | 14.6178 | 11.929 |
| 1/11/2017 | 2:45:00 | 0 | 14.6201 | 11.684 |
| 1/11/2017 | 3:00:00 | 0 | 14.6223 | 11.451 |
| 1/11/2017 | 3:15:00 | 0 | 14.6242 | 11.237 |
| 1/11/2017 | 3:30:00 | 0 | 14.6262 | 11.024 |
| 1/11/2017 | 3:45:00 | 0 | 14.6275 | 10.841 |
| 1/11/2017 | 4:00:00 | 0 | 14.6274 | 10.75 |
| 1/11/2017 | 4:15:00 | 0 | 14.6288 | 10.759 |
| 1/11/2017 | 4:30:00 | 0 | 14.6277 | 10.664 |
| 1/11/2017 | 4:45:00 | 0 | 14.6252 | 10.564 |
| 1/11/2017 | 5:00:00 | 0 | 14.6237 | 10.541 |
| 1/11/2017 | 5:15:00 | 0 | 14.6237 | 10.488 |
| 1/11/2017 | 5:30:00 | 0 | 14.6238 | 10.398 |
| 1/11/2017 | 5:45:00 | 0 | 14.6231 | 10.32 |

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| 1/11/2017 | 6:00:00 | 0 | 14.6273 | 10.249 |
| 1/11/2017 | 6:15:00 | 0 | 14.6303 | 10.113 |
| 1/11/2017 | 6:30:00 | 0 | 14.6337 | 9.882 |
| 1/11/2017 | 6:45:00 | 0 | 14.6345 | 9.625 |
| 1/11/2017 | 7:00:00 | 0 | 14.6358 | 9.411 |
| 1/11/2017 | 7:15:00 | 0 | 14.6362 | 9.192 |
| 1/11/2017 | 7:30:00 | 0 | 14.6395 | 9.134 |
| 1/11/2017 | 7:45:00 | 0 | 14.642 | 9.223 |
| 1/11/2017 | 8:00:00 | 0 | 14.6428 | 9.332 |
| 1/11/2017 | 8:15:00 | 0 | 14.6447 | 9.479 |
| 1/11/2017 | 8:30:00 | 0 | 14.6459 | 9.745 |
| 1/11/2017 | 8:45:00 | 0 | 14.6495 | 10.436 |
| 1/11/2017 | 9:00:00 | 0 | 14.6533 | 11.505 |
| 1/11/2017 | 9:15:00 | 0 | 14.6548 | 11.912 |
| 1/11/2017 | 9:30:00 | 0 | 14.6581 | 12.701 |
| 1/11/2017 | 9:45:00 | 0 | 14.6618 | 13.779 |
| 1/11/2017 | 10:00:00 | 0 | 14.6648 | 14.735 |
| 1/11/2017 | 10:15:00 | 0 | 14.6714 | 15.368 |
| 1/11/2017 | 10:30:00 | 0 | 14.6749 | 15.731 |
| 1/11/2017 | 10:45:00 | 0 | 14.6783 | 16.447 |
| 1/11/2017 | 11:00:00 | 0 | 14.6765 | 17.141 |
| 1/11/2017 | 11:15:00 | 0 | 14.6736 | 17.807 |
| 1/11/2017 | 11:30:00 | 0 | 14.6742 | 18.861 |
| 1/11/2017 | 11:45:00 | 0 | 14.6736 | 19.368 |
| 1/11/2017 | 12:00:00 | 0 | 14.6682 | 18.588 |
| 1/11/2017 | 12:15:00 | 0 | 14.6675 | 17.36 |
| 1/11/2017 | 12:30:00 | 0 | 14.6641 | 16.192 |
| 1/11/2017 | 12:45:00 | 0 | 14.6622 | 15.601 |
| 1/11/2017 | 13:00:00 | 0 | 14.6612 | 15.95 |
| 1/11/2017 | 13:15:00 | 0 | 14.6588 | 15.778 |
| 1/11/2017 | 13:30:00 | 0 | 14.6559 | 16.11 |
| 1/11/2017 | 13:45:00 | 0 | 14.6579 | 15.601 |
| 1/11/2017 | 14:00:00 | 0 | 14.6577 | 15.147 |
| 1/11/2017 | 14:15:00 | 0 | 14.6573 | 14.781 |
| 1/11/2017 | 14:30:00 | 0 | 14.6556 | 14.384 |
| 1/11/2017 | 14:45:00 | 0 | 14.6569 | 13.986 |
| 1/11/2017 | 15:00:00 | 0 | 14.6596 | 13.533 |
| 1/11/2017 | 15:15:00 | 0 | 14.6599 | 13.087 |
| 1/11/2017 | 15:30:00 | 0 | 14.6574 | 12.674 |
| 1/11/2017 | 15:45:00 | 0 | 14.6565 | 12.315 |
| 1/11/2017 | 16:00:00 | 0 | 14.6549 | 11.971 |
| 1/11/2017 | 16:15:00 | 0 | 14.6546 | 11.656 |
| 1/11/2017 | 16:30:00 | 0 | 14.6573 | 11.351 |
| 1/11/2017 | 16:45:00 | 0 | 14.6579 | 11.051 |
| 1/11/2017 | 17:00:00 | 0 | 14.6585 | 10.76 |
| 1/11/2017 | 17:15:00 | 0 | 14.657 | 10.501 |
| 1/11/2017 | 17:30:00 | 0 | 14.656 | 10.236 |

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|---|---|---|---|---|
| 1/11/2017 | 17:45:00 | 0 | 14.6539 | 9.916 |
| 1/11/2017 | 18:00:00 | 0 | 14.6547 | 9.618 |
| 1/11/2017 | 18:15:00 | 0 | 14.6547 | 9.416 |
| 1/11/2017 | 18:30:00 | 0 | 14.6541 | 9.22 |
| 1/11/2017 | 18:45:00 | 0 | 14.6543 | 9.071 |
| 1/11/2017 | 19:00:00 | 0 | 14.6551 | 9.003 |
| 1/11/2017 | 19:15:00 | 0 | 14.6533 | 8.945 |
| 1/11/2017 | 19:30:00 | 0 | 14.6553 | 8.847 |
| 1/11/2017 | 19:45:00 | 0 | 14.6563 | 8.772 |
| 1/11/2017 | 20:00:00 | 0 | 14.6555 | 8.732 |
| 1/11/2017 | 20:15:00 | 0 | 14.6539 | 8.652 |
| 1/11/2017 | 20:30:00 | 0 | 14.6499 | 8.555 |
| 1/11/2017 | 20:45:00 | 0 | 14.6477 | 8.436 |
| 1/11/2017 | 21:00:00 | 0 | 14.6454 | 8.279 |
| 1/11/2017 | 21:15:00 | 0 | 14.6414 | 8.165 |
| 1/11/2017 | 21:30:00 | 0 | 14.6419 | 8.117 |
| 1/11/2017 | 21:45:00 | 0 | 14.6427 | 8.146 |
| 1/11/2017 | 22:00:00 | 0 | 14.6431 | 8.13 |
| 1/11/2017 | 22:15:00 | 0 | 14.6398 | 8.088 |
| 1/11/2017 | 22:30:00 | 0 | 14.637 | 8.125 |
| 1/11/2017 | 22:45:00 | 0 | 14.6349 | 8.218 |
| 1/11/2017 | 23:00:00 | 0 | 14.6338 | 8.262 |
| 1/11/2017 | 23:15:00 | 0 | 14.6345 | 8.225 |
| 1/11/2017 | 23:30:00 | 0 | 14.6325 | 8.237 |
| 1/11/2017 | 23:45:00 | 0 | 14.6294 | 8.217 |

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